

Company: Percussion Petroleum
Lease/Well: UL Pahaska 21-6/A006H
API: 42-495-34657
Rig Name: Production
State/County: Texas/Winkler
VS-Azi: 0.00 Degrees
Latitude: 31.75281, Longitude: -103.26882
Grid North = True North +1.51 degs (NAD 27)
Grid Correction Applied = +1.51 degs



Depth Reference : RKB= 26 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ul pahaska 21-6 a006h.ut

Minimum Curvature Method

Report Date/Time: 5/10/2022 / 08:29

Vaughn Energy Services Inc.
UL Pahaska 21-6 A006H API# 42-495-34657
PO Box 728 Cisco, Texas 76437
817-741-5746
Casey Gerhards

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
40.00	0.50	207.59	40.00	-0.15	-0.08	-0.15	0.17	207.59	1.25
41.00	0.49	207.55	41.00	-0.16	-0.08	-0.16	0.18	207.59	0.61
42.00	0.49	207.53	42.00	-0.17	-0.09	-0.17	0.19	207.59	0.19
43.00	0.50	207.63	43.00	-0.18	-0.09	-0.18	0.20	207.59	0.20
44.00	0.50	207.52	44.00	-0.18	-0.10	-0.18	0.21	207.59	0.13
45.00	0.50	207.56	45.00	-0.19	-0.10	-0.19	0.22	207.59	0.29
46.00	0.50	207.46	46.00	-0.20	-0.10	-0.20	0.23	207.58	0.13
47.00	0.51	207.38	47.00	-0.21	-0.11	-0.21	0.23	207.58	0.44
48.00	0.51	207.47	48.00	-0.22	-0.11	-0.22	0.24	207.57	0.54
49.00	0.51	207.40	49.00	-0.22	-0.12	-0.22	0.25	207.57	0.25
50.00	0.52	207.55	50.00	-0.23	-0.12	-0.23	0.26	207.56	0.31
51.00	0.52	207.40	51.00	-0.24	-0.13	-0.24	0.27	207.56	0.47
52.00	0.52	207.51	52.00	-0.25	-0.13	-0.25	0.28	207.56	0.31
53.00	0.53	207.41	53.00	-0.26	-0.13	-0.26	0.29	207.55	0.35
54.00	0.53	207.57	54.00	-0.26	-0.14	-0.26	0.30	207.55	0.32
55.00	0.53	207.66	55.00	-0.27	-0.14	-0.27	0.31	207.55	0.22
56.00	0.54	207.59	56.00	-0.28	-0.15	-0.28	0.32	207.56	0.41
57.00	0.54	207.81	57.00	-0.29	-0.15	-0.29	0.33	207.56	0.33

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
58.00	0.54	207.76	58.00	-0.30	-0.16	-0.30	0.34	207.57	0.40
59.00	0.54	208.05	59.00	-0.31	-0.16	-0.31	0.34	207.58	0.40
60.00	0.55	207.94	60.00	-0.31	-0.16	-0.31	0.35	207.59	0.42
61.00	0.55	208.32	61.00	-0.32	-0.17	-0.32	0.36	207.60	0.45
62.00	0.55	208.22	62.00	-0.33	-0.17	-0.33	0.37	207.62	0.34
63.00	0.56	208.44	63.00	-0.34	-0.18	-0.34	0.38	207.64	0.49
64.00	0.56	208.43	64.00	-0.35	-0.18	-0.35	0.39	207.66	0.34
65.00	0.56	208.41	65.00	-0.36	-0.19	-0.36	0.40	207.67	0.04
66.00	0.57	208.53	66.00	-0.37	-0.19	-0.37	0.41	207.69	0.44
67.00	0.57	208.50	67.00	-0.37	-0.20	-0.37	0.42	207.71	0.16
68.00	0.57	208.76	68.00	-0.38	-0.20	-0.38	0.43	207.73	0.26
69.00	0.57	208.52	69.00	-0.39	-0.21	-0.39	0.44	207.75	0.30
70.00	0.57	208.83	70.00	-0.40	-0.21	-0.40	0.45	207.77	0.32
71.00	0.57	208.78	71.00	-0.41	-0.22	-0.41	0.46	207.80	0.19
72.00	0.57	209.08	72.00	-0.42	-0.22	-0.42	0.47	207.82	0.31
73.00	0.57	208.97	73.00	-0.43	-0.23	-0.43	0.48	207.85	0.12
74.00	0.58	209.49	74.00	-0.44	-0.23	-0.44	0.49	207.87	0.56
75.00	0.58	209.50	75.00	-0.44	-0.24	-0.44	0.50	207.91	0.06
76.00	0.58	210.11	76.00	-0.45	-0.24	-0.45	0.51	207.94	0.75
77.00	0.58	210.19	77.00	-0.46	-0.25	-0.46	0.52	207.99	0.15
78.00	0.58	210.07	78.00	-0.47	-0.25	-0.47	0.53	208.03	0.27
79.00	0.59	210.61	79.00	-0.48	-0.26	-0.48	0.54	208.07	0.91
80.00	0.58	210.40	80.00	-0.49	-0.26	-0.49	0.55	208.12	0.41
81.00	0.59	210.88	81.00	-0.50	-0.27	-0.50	0.56	208.16	1.19
82.00	0.59	211.25	82.00	-0.51	-0.27	-0.51	0.57	208.21	0.46
83.00	0.59	211.30	83.00	-0.51	-0.28	-0.51	0.58	208.27	0.27
84.00	0.60	211.40	84.00	-0.52	-0.28	-0.52	0.59	208.32	0.28
85.00	0.60	211.60	85.00	-0.53	-0.29	-0.53	0.61	208.38	0.21
86.00	0.60	211.89	86.00	-0.54	-0.29	-0.54	0.62	208.43	0.41
87.00	0.60	212.22	87.00	-0.55	-0.30	-0.55	0.63	208.49	0.53
88.00	0.60	212.24	88.00	-0.56	-0.30	-0.56	0.64	208.56	0.59
89.00	0.60	212.81	89.00	-0.57	-0.31	-0.57	0.65	208.62	0.60
90.00	0.60	212.85	90.00	-0.58	-0.32	-0.58	0.66	208.69	0.20
91.00	0.61	212.94	91.00	-0.59	-0.32	-0.59	0.67	208.75	0.50
92.00	0.61	213.40	92.00	-0.59	-0.33	-0.59	0.68	208.82	0.50
93.00	0.61	213.40	93.00	-0.60	-0.33	-0.60	0.69	208.89	0.01
94.00	0.61	213.88	94.00	-0.61	-0.34	-0.61	0.70	208.96	0.58
95.00	0.61	213.89	95.00	-0.62	-0.34	-0.62	0.71	209.04	0.30
96.00	0.63	214.11	96.00	-0.63	-0.35	-0.63	0.72	209.11	1.28
97.00	0.63	214.18	97.00	-0.64	-0.36	-0.64	0.73	209.19	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
98.00	0.63	214.54	98.00	-0.65	-0.36	-0.65	0.74	209.26	0.42
99.00	0.63	214.91	99.00	-0.66	-0.37	-0.66	0.75	209.34	0.42
100.00	0.63	215.27	100.00	-0.67	-0.38	-0.67	0.76	209.43	0.42
101.00	0.63	215.64	101.00	-0.68	-0.38	-0.68	0.78	209.51	0.42
102.00	0.63	215.94	102.00	-0.68	-0.39	-0.68	0.79	209.60	0.39
103.00	0.64	215.96	103.00	-0.69	-0.40	-0.69	0.80	209.69	0.61
104.00	0.64	216.10	104.00	-0.70	-0.40	-0.70	0.81	209.78	0.23
105.00	0.65	216.24	105.00	-0.71	-0.41	-0.71	0.82	209.86	0.46
106.00	0.65	216.25	106.00	-0.72	-0.41	-0.72	0.83	209.95	0.88
107.00	0.66	216.29	107.00	-0.73	-0.42	-0.73	0.84	210.04	0.28
108.00	0.66	216.79	108.00	-0.74	-0.43	-0.74	0.85	210.12	0.69
109.00	0.66	216.59	109.00	-0.75	-0.44	-0.75	0.87	210.21	0.29
110.00	0.66	216.62	110.00	-0.76	-0.44	-0.76	0.88	210.29	0.24
111.00	0.67	216.89	111.00	-0.77	-0.45	-0.77	0.89	210.38	0.37
112.00	0.67	216.91	112.00	-0.78	-0.46	-0.78	0.90	210.46	0.11
113.00	0.67	217.13	113.00	-0.79	-0.46	-0.79	0.91	210.55	0.31
114.00	0.67	217.43	114.00	-0.79	-0.47	-0.79	0.92	210.63	0.35
115.00	0.67	217.27	115.00	-0.80	-0.48	-0.80	0.93	210.72	0.20
116.00	0.67	217.46	116.00	-0.81	-0.48	-0.81	0.95	210.80	0.30
117.00	0.67	217.62	117.00	-0.82	-0.49	-0.82	0.96	210.88	0.21
118.00	0.68	217.61	118.00	-0.83	-0.50	-0.83	0.97	210.96	0.45
119.00	0.68	217.69	119.00	-0.84	-0.51	-0.84	0.98	211.04	0.10
120.00	0.67	218.12	120.00	-0.85	-0.51	-0.85	0.99	211.12	0.66
121.00	0.68	217.65	121.00	-0.86	-0.52	-0.86	1.01	211.20	0.64
122.00	0.68	217.78	122.00	-0.87	-0.53	-0.87	1.02	211.28	0.16
123.00	0.68	218.17	123.00	-0.88	-0.54	-0.88	1.03	211.36	0.61
124.00	0.68	218.15	123.99	-0.89	-0.54	-0.89	1.04	211.43	0.12
125.00	0.68	218.42	124.99	-0.90	-0.55	-0.90	1.05	211.51	0.33
126.00	0.68	218.60	125.99	-0.91	-0.56	-0.91	1.06	211.59	0.27
127.00	0.68	218.83	126.99	-0.92	-0.56	-0.92	1.08	211.67	0.28
128.00	0.69	218.79	127.99	-0.92	-0.57	-0.92	1.09	211.74	0.63
129.00	0.68	218.88	128.99	-0.93	-0.58	-0.93	1.10	211.82	0.15
130.00	0.69	218.96	129.99	-0.94	-0.59	-0.94	1.11	211.90	0.13
131.00	0.68	218.82	130.99	-0.95	-0.59	-0.95	1.12	211.97	0.23
132.00	0.68	219.14	131.99	-0.96	-0.60	-0.96	1.14	212.05	0.38
133.00	0.68	218.99	132.99	-0.97	-0.61	-0.97	1.15	212.12	0.19
134.00	0.69	219.24	133.99	-0.98	-0.62	-0.98	1.16	212.19	0.32
135.00	0.69	219.32	134.99	-0.99	-0.62	-0.99	1.17	212.26	0.19
136.00	0.69	219.38	135.99	-1.00	-0.63	-1.00	1.18	212.33	0.09
137.00	0.69	219.54	136.99	-1.01	-0.64	-1.01	1.19	212.41	0.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
138.00	0.69	219.17	137.99	-1.02	-0.65	-1.02	1.21	212.47	0.45
139.00	0.69	219.49	138.99	-1.03	-0.66	-1.03	1.22	212.54	0.45
140.00	0.69	219.28	139.99	-1.04	-0.66	-1.04	1.23	212.61	0.29
141.00	0.69	219.48	140.99	-1.05	-0.67	-1.05	1.24	212.67	0.52
142.00	0.69	219.42	141.99	-1.06	-0.68	-1.06	1.25	212.74	0.07
143.00	0.69	219.39	142.99	-1.06	-0.69	-1.06	1.27	212.80	0.08
144.00	0.70	219.45	143.99	-1.07	-0.69	-1.07	1.28	212.87	0.16
145.00	0.70	219.59	144.99	-1.08	-0.70	-1.08	1.29	212.93	0.19
146.00	0.70	219.53	145.99	-1.09	-0.71	-1.09	1.30	212.99	0.10
147.00	0.70	219.88	146.99	-1.10	-0.72	-1.10	1.31	213.05	0.42
148.00	0.70	219.86	147.99	-1.11	-0.72	-1.11	1.33	213.12	0.41
149.00	0.70	219.68	148.99	-1.12	-0.73	-1.12	1.34	213.18	0.24
150.00	0.70	219.57	149.99	-1.13	-0.74	-1.13	1.35	213.23	0.15
151.00	0.71	219.56	150.99	-1.14	-0.75	-1.14	1.36	213.29	0.49
152.00	0.70	219.37	151.99	-1.15	-0.76	-1.15	1.38	213.35	0.30
153.00	0.70	219.25	152.99	-1.16	-0.76	-1.16	1.39	213.40	0.21
154.00	0.71	219.40	153.99	-1.17	-0.77	-1.17	1.40	213.45	0.25
155.00	0.71	219.37	154.99	-1.18	-0.78	-1.18	1.41	213.50	0.23
156.00	0.71	219.24	155.99	-1.19	-0.79	-1.19	1.42	213.55	0.16
157.00	0.71	219.21	156.99	-1.20	-0.80	-1.20	1.44	213.60	0.05
158.00	0.71	219.17	157.99	-1.21	-0.80	-1.21	1.45	213.65	0.40
159.00	0.71	219.20	158.99	-1.22	-0.81	-1.22	1.46	213.70	0.05
160.00	0.72	219.06	159.99	-1.23	-0.82	-1.23	1.47	213.74	0.34
161.00	0.72	219.28	160.99	-1.24	-0.83	-1.24	1.49	213.79	0.29
162.00	0.72	219.34	161.99	-1.25	-0.83	-1.25	1.50	213.83	0.25
163.00	0.72	219.21	162.99	-1.25	-0.84	-1.25	1.51	213.88	0.21
164.00	0.72	219.53	163.99	-1.26	-0.85	-1.26	1.52	213.92	0.47
165.00	0.72	219.42	164.99	-1.27	-0.86	-1.27	1.54	213.97	0.14
166.00	0.73	219.11	165.99	-1.28	-0.87	-1.28	1.55	214.01	0.51
167.00	0.73	219.44	166.99	-1.29	-0.87	-1.29	1.56	214.06	0.47
168.00	0.73	219.30	167.99	-1.30	-0.88	-1.30	1.57	214.10	0.24
169.00	0.73	219.43	168.99	-1.31	-0.89	-1.31	1.59	214.14	0.18
170.00	0.73	219.68	169.99	-1.32	-0.90	-1.32	1.60	214.18	0.56
171.00	0.73	219.57	170.99	-1.33	-0.91	-1.33	1.61	214.23	0.20
172.00	0.73	219.84	171.99	-1.34	-0.92	-1.34	1.63	214.27	0.34
173.00	0.74	219.51	172.99	-1.35	-0.92	-1.35	1.64	214.31	0.44
174.00	0.74	219.74	173.99	-1.36	-0.93	-1.36	1.65	214.35	0.42
175.00	0.74	219.60	174.99	-1.37	-0.94	-1.37	1.66	214.39	0.27
176.00	0.74	219.66	175.99	-1.38	-0.95	-1.38	1.68	214.43	0.40
177.00	0.74	219.75	176.99	-1.39	-0.96	-1.39	1.69	214.47	0.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
178.00	0.74	219.80	177.99	-1.40	-0.96	-1.40	1.70	214.52	0.18
179.00	0.74	219.81	178.99	-1.41	-0.97	-1.41	1.72	214.56	0.03
180.00	0.74	219.96	179.99	-1.42	-0.98	-1.42	1.73	214.60	0.31
181.00	0.75	219.98	180.99	-1.43	-0.99	-1.43	1.74	214.64	0.15
182.00	0.75	220.29	181.99	-1.44	-1.00	-1.44	1.75	214.68	0.41
183.00	0.75	220.16	182.99	-1.45	-1.01	-1.45	1.77	214.72	0.21
184.00	0.75	220.19	183.99	-1.46	-1.01	-1.46	1.78	214.76	0.22
185.00	0.75	220.27	184.99	-1.47	-1.02	-1.47	1.79	214.80	0.14
186.00	0.75	220.05	185.99	-1.48	-1.03	-1.48	1.81	214.84	0.34
187.00	0.75	219.96	186.99	-1.49	-1.04	-1.49	1.82	214.87	0.32
188.00	0.75	220.04	187.99	-1.50	-1.05	-1.50	1.83	214.91	0.18
189.00	0.75	219.85	188.99	-1.51	-1.06	-1.51	1.85	214.94	0.25
190.00	0.75	219.61	189.99	-1.52	-1.07	-1.52	1.86	214.98	0.37
191.00	0.75	219.92	190.99	-1.53	-1.07	-1.53	1.87	215.01	0.40
192.00	0.75	219.77	191.99	-1.54	-1.08	-1.54	1.88	215.05	0.22
193.00	0.74	219.60	192.99	-1.55	-1.09	-1.55	1.90	215.08	0.76
194.00	0.74	219.50	193.99	-1.56	-1.10	-1.56	1.91	215.11	0.21
195.00	0.74	219.63	194.99	-1.57	-1.11	-1.57	1.92	215.14	0.18
196.00	0.74	219.48	195.99	-1.58	-1.11	-1.58	1.94	215.17	0.21
197.00	0.74	219.43	196.99	-1.59	-1.12	-1.59	1.95	215.19	0.28
198.00	0.74	219.51	197.99	-1.60	-1.13	-1.60	1.96	215.22	0.14
199.00	0.73	219.37	198.99	-1.61	-1.14	-1.61	1.97	215.25	0.22
200.00	0.73	219.15	199.99	-1.62	-1.15	-1.62	1.99	215.28	0.32
201.00	0.73	218.70	200.99	-1.63	-1.16	-1.63	2.00	215.30	0.59
202.00	0.73	218.94	201.99	-1.64	-1.16	-1.64	2.01	215.32	0.32
203.00	0.73	219.07	202.99	-1.65	-1.17	-1.65	2.03	215.34	0.24
204.00	0.73	218.58	203.99	-1.66	-1.18	-1.66	2.04	215.37	0.68
205.00	0.73	218.67	204.99	-1.67	-1.19	-1.67	2.05	215.39	0.20
206.00	0.72	218.59	205.99	-1.68	-1.20	-1.68	2.06	215.41	0.42
207.00	0.72	218.52	206.99	-1.69	-1.20	-1.69	2.08	215.43	0.20
208.00	0.72	218.47	207.99	-1.70	-1.21	-1.70	2.09	215.44	0.32
209.00	0.72	218.53	208.99	-1.71	-1.22	-1.71	2.10	215.46	0.23
210.00	0.72	218.53	209.99	-1.72	-1.23	-1.72	2.11	215.48	0.12
211.00	0.72	218.42	210.99	-1.73	-1.23	-1.73	2.13	215.50	0.24
212.00	0.71	218.43	211.99	-1.74	-1.24	-1.74	2.14	215.52	0.16
213.00	0.71	218.31	212.99	-1.75	-1.25	-1.75	2.15	215.53	0.19
214.00	0.71	218.28	213.99	-1.76	-1.26	-1.76	2.16	215.55	0.07
215.00	0.71	218.16	214.99	-1.77	-1.27	-1.77	2.18	215.56	0.23
216.00	0.71	218.18	215.99	-1.78	-1.27	-1.78	2.19	215.58	0.06
217.00	0.71	218.15	216.99	-1.79	-1.28	-1.79	2.20	215.59	0.16

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
218.00	0.71	217.94	217.99	-1.80	-1.29	-1.80	2.21	215.61	0.32
219.00	0.71	217.87	218.99	-1.81	-1.30	-1.81	2.23	215.62	0.22
220.00	0.71	217.96	219.99	-1.82	-1.30	-1.82	2.24	215.63	0.14
221.00	0.71	217.64	220.99	-1.83	-1.31	-1.83	2.25	215.64	0.43
222.00	0.70	217.97	221.99	-1.84	-1.32	-1.84	2.26	215.66	0.77
223.00	0.70	217.92	222.99	-1.85	-1.33	-1.85	2.27	215.67	0.23
224.00	0.70	218.05	223.99	-1.86	-1.33	-1.86	2.29	215.68	0.23
225.00	0.70	218.04	224.99	-1.87	-1.34	-1.87	2.30	215.69	0.19
226.00	0.70	217.86	225.99	-1.88	-1.35	-1.88	2.31	215.70	0.36
227.00	0.70	217.50	226.99	-1.89	-1.36	-1.89	2.32	215.71	0.44
228.00	0.69	217.79	227.99	-1.90	-1.36	-1.90	2.34	215.72	0.42
229.00	0.69	217.74	228.99	-1.91	-1.37	-1.91	2.35	215.74	0.20
230.00	0.69	217.38	229.99	-1.91	-1.38	-1.91	2.36	215.74	0.45
231.00	0.69	217.36	230.99	-1.92	-1.39	-1.92	2.37	215.75	0.03
232.00	0.69	217.56	231.99	-1.93	-1.39	-1.93	2.38	215.76	0.41
233.00	0.69	217.21	232.99	-1.94	-1.40	-1.94	2.40	215.77	0.46
234.00	0.69	217.15	233.99	-1.95	-1.41	-1.95	2.41	215.78	0.08
235.00	0.69	217.04	234.99	-1.96	-1.41	-1.96	2.42	215.78	0.26
236.00	0.68	216.89	235.99	-1.97	-1.42	-1.97	2.43	215.79	0.49
237.00	0.68	216.68	236.99	-1.98	-1.43	-1.98	2.44	215.79	0.26
238.00	0.68	216.45	237.99	-1.99	-1.44	-1.99	2.46	215.80	0.33
239.00	0.68	216.33	238.99	-2.00	-1.44	-2.00	2.47	215.80	0.50
240.00	0.67	216.36	239.99	-2.01	-1.45	-2.01	2.48	215.80	0.38
241.00	0.67	215.95	240.99	-2.02	-1.46	-2.02	2.49	215.80	0.48
242.00	0.67	215.68	241.99	-2.03	-1.46	-2.03	2.50	215.80	0.61
243.00	0.66	215.51	242.99	-2.04	-1.47	-2.04	2.51	215.80	0.57
244.00	0.66	215.25	243.99	-2.05	-1.48	-2.05	2.53	215.80	0.31
245.00	0.66	215.10	244.99	-2.06	-1.48	-2.06	2.54	215.80	0.28
246.00	0.66	215.00	245.99	-2.07	-1.49	-2.07	2.55	215.80	0.48
247.00	0.66	214.90	246.99	-2.08	-1.50	-2.08	2.56	215.79	0.23
248.00	0.65	214.92	247.99	-2.09	-1.50	-2.09	2.57	215.79	0.22
249.00	0.65	214.77	248.99	-2.10	-1.51	-2.10	2.58	215.78	0.36
250.00	0.65	214.70	249.99	-2.10	-1.52	-2.10	2.59	215.78	0.09
251.00	0.65	214.68	250.99	-2.11	-1.52	-2.11	2.61	215.77	0.10
252.00	0.65	214.31	251.99	-2.12	-1.53	-2.12	2.62	215.77	0.45
253.00	0.65	214.18	252.99	-2.13	-1.54	-2.13	2.63	215.76	0.66
254.00	0.65	213.98	253.99	-2.14	-1.54	-2.14	2.64	215.75	0.25
255.00	0.64	213.76	254.98	-2.15	-1.55	-2.15	2.65	215.75	0.29
256.00	0.64	213.43	255.98	-2.16	-1.55	-2.16	2.66	215.74	0.41
257.00	0.64	213.31	256.98	-2.17	-1.56	-2.17	2.67	215.73	0.25

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
258.00	0.64	213.09	257.98	-2.18	-1.57	-2.18	2.68	215.72	0.29
259.00	0.64	212.92	258.98	-2.19	-1.57	-2.19	2.70	215.71	0.19
260.00	0.64	212.82	259.98	-2.20	-1.58	-2.20	2.71	215.69	0.21
261.00	0.64	212.80	260.98	-2.21	-1.59	-2.21	2.72	215.68	0.32
262.00	0.64	212.73	261.98	-2.22	-1.59	-2.22	2.73	215.67	0.25
263.00	0.64	212.67	262.98	-2.23	-1.60	-2.23	2.74	215.66	0.21
264.00	0.64	212.60	263.98	-2.24	-1.60	-2.24	2.75	215.65	0.11
265.00	0.65	212.55	264.98	-2.25	-1.61	-2.25	2.76	215.63	0.36
266.00	0.65	212.48	265.98	-2.25	-1.62	-2.25	2.77	215.62	0.27
267.00	0.65	212.68	266.98	-2.26	-1.62	-2.26	2.79	215.61	0.24
268.00	0.65	212.62	267.98	-2.27	-1.63	-2.27	2.80	215.60	0.10
269.00	0.65	212.54	268.98	-2.28	-1.63	-2.28	2.81	215.58	0.30
270.00	0.65	212.38	269.98	-2.29	-1.64	-2.29	2.82	215.57	0.23
271.00	0.65	212.29	270.98	-2.30	-1.65	-2.30	2.83	215.56	0.26
272.00	0.66	212.08	271.98	-2.31	-1.65	-2.31	2.84	215.55	0.44
273.00	0.66	212.06	272.98	-2.32	-1.66	-2.32	2.85	215.53	0.17
274.00	0.66	211.91	273.98	-2.33	-1.66	-2.33	2.86	215.52	0.25
275.00	0.66	211.88	274.98	-2.34	-1.67	-2.34	2.88	215.50	0.06
276.00	0.66	211.75	275.98	-2.35	-1.68	-2.35	2.89	215.49	0.15
277.00	0.66	211.71	276.98	-2.36	-1.68	-2.36	2.90	215.47	0.27
278.00	0.66	211.74	277.98	-2.37	-1.69	-2.37	2.91	215.46	0.04
279.00	0.66	211.81	278.98	-2.38	-1.69	-2.38	2.92	215.44	0.09
280.00	0.67	211.89	279.98	-2.39	-1.70	-2.39	2.93	215.43	0.38
281.00	0.67	212.06	280.98	-2.40	-1.71	-2.40	2.95	215.42	0.22
282.00	0.67	212.04	281.98	-2.41	-1.71	-2.41	2.96	215.40	0.04
283.00	0.67	211.83	282.98	-2.42	-1.72	-2.42	2.97	215.39	0.29
284.00	0.67	211.62	283.98	-2.43	-1.73	-2.43	2.98	215.37	0.30
285.00	0.67	211.68	284.98	-2.44	-1.73	-2.44	2.99	215.36	0.13
286.00	0.67	211.66	285.98	-2.45	-1.74	-2.45	3.00	215.34	0.11
287.00	0.68	211.47	286.98	-2.46	-1.74	-2.46	3.02	215.33	0.23
288.00	0.68	211.18	287.98	-2.47	-1.75	-2.47	3.03	215.31	0.38
289.00	0.68	211.15	288.98	-2.48	-1.76	-2.48	3.04	215.30	0.10
290.00	0.68	210.78	289.98	-2.49	-1.76	-2.49	3.05	215.28	0.45
291.00	0.68	210.76	290.98	-2.50	-1.77	-2.50	3.06	215.26	0.13
292.00	0.68	210.80	291.98	-2.51	-1.77	-2.51	3.08	215.25	0.07
293.00	0.68	210.66	292.98	-2.52	-1.78	-2.52	3.09	215.23	0.18
294.00	0.68	210.46	293.98	-2.53	-1.79	-2.53	3.10	215.21	0.24
295.00	0.68	210.49	294.98	-2.54	-1.79	-2.54	3.11	215.19	0.07
296.00	0.68	210.59	295.98	-2.55	-1.80	-2.55	3.12	215.18	0.15
297.00	0.68	210.35	296.98	-2.56	-1.80	-2.56	3.13	215.16	0.29

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
298.00	0.68	210.24	297.98	-2.57	-1.81	-2.57	3.15	215.14	0.30
299.00	0.68	210.12	298.98	-2.58	-1.82	-2.58	3.16	215.12	0.17
300.00	0.68	210.25	299.98	-2.59	-1.82	-2.59	3.17	215.10	0.16
301.00	0.68	209.88	300.98	-2.60	-1.83	-2.60	3.18	215.08	0.45
302.00	0.68	210.04	301.98	-2.61	-1.83	-2.61	3.19	215.06	0.25
303.00	0.68	209.85	302.98	-2.62	-1.84	-2.62	3.21	215.05	0.24
304.00	0.69	209.80	303.98	-2.63	-1.85	-2.63	3.22	215.03	0.09
305.00	0.68	209.47	304.98	-2.65	-1.85	-2.65	3.23	215.01	0.42
306.00	0.68	209.26	305.98	-2.66	-1.86	-2.66	3.24	214.99	0.26
307.00	0.69	209.09	306.98	-2.67	-1.86	-2.67	3.25	214.96	0.22
308.00	0.68	209.11	307.98	-2.68	-1.87	-2.68	3.26	214.94	0.12
309.00	0.69	209.07	308.98	-2.69	-1.88	-2.69	3.28	214.92	0.16
310.00	0.69	209.20	309.98	-2.70	-1.88	-2.70	3.29	214.90	0.21
311.00	0.69	208.98	310.98	-2.71	-1.89	-2.71	3.30	214.88	0.33
312.00	0.69	209.17	311.98	-2.72	-1.89	-2.72	3.31	214.86	0.44
313.00	0.68	209.06	312.98	-2.73	-1.90	-2.73	3.32	214.84	0.15
314.00	0.68	209.10	313.98	-2.74	-1.90	-2.74	3.34	214.82	0.05
315.00	0.68	209.14	314.98	-2.75	-1.91	-2.75	3.35	214.80	0.05
316.00	0.69	209.18	315.98	-2.76	-1.92	-2.76	3.36	214.78	0.20
317.00	0.69	209.27	316.98	-2.77	-1.92	-2.77	3.37	214.76	0.15
318.00	0.69	209.27	317.98	-2.78	-1.93	-2.78	3.38	214.74	0.11
319.00	0.69	209.50	318.98	-2.79	-1.93	-2.79	3.40	214.72	0.29
320.00	0.69	209.50	319.98	-2.80	-1.94	-2.80	3.41	214.70	0.06
321.00	0.69	209.49	320.98	-2.81	-1.95	-2.81	3.42	214.68	0.02
322.00	0.69	209.57	321.98	-2.82	-1.95	-2.82	3.43	214.66	0.12
323.00	0.69	209.56	322.98	-2.83	-1.96	-2.83	3.44	214.65	0.18
324.00	0.69	209.51	323.98	-2.84	-1.96	-2.84	3.46	214.63	0.17
325.00	0.69	209.58	324.98	-2.85	-1.97	-2.85	3.47	214.61	0.13
326.00	0.69	209.49	325.98	-2.86	-1.98	-2.86	3.48	214.59	0.13
327.00	0.69	209.63	326.98	-2.88	-1.98	-2.88	3.49	214.58	0.25
328.00	0.69	209.65	327.98	-2.89	-1.99	-2.89	3.50	214.56	0.03
329.00	0.69	209.52	328.98	-2.90	-1.99	-2.90	3.52	214.54	0.21
330.00	0.69	209.52	329.98	-2.91	-2.00	-2.91	3.53	214.52	0.06
331.00	0.69	209.50	330.98	-2.92	-2.01	-2.92	3.54	214.51	0.11
332.00	0.69	209.46	331.98	-2.93	-2.01	-2.93	3.55	214.49	0.12
333.00	0.69	209.53	332.98	-2.94	-2.02	-2.94	3.56	214.47	0.09
334.00	0.69	209.66	333.98	-2.95	-2.02	-2.95	3.58	214.46	0.26
335.00	0.69	209.46	334.98	-2.96	-2.03	-2.96	3.59	214.44	0.32
336.00	0.69	209.52	335.98	-2.97	-2.04	-2.97	3.60	214.42	0.07
337.00	0.69	209.68	336.98	-2.98	-2.04	-2.98	3.61	214.41	0.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
338.00	0.69	209.79	337.98	-2.99	-2.05	-2.99	3.62	214.39	0.14
339.00	0.70	209.60	338.98	-3.00	-2.05	-3.00	3.64	214.38	0.24
340.00	0.70	209.53	339.98	-3.01	-2.06	-3.01	3.65	214.36	0.13
341.00	0.70	209.60	340.98	-3.02	-2.07	-3.02	3.66	214.34	0.18
342.00	0.70	209.66	341.98	-3.03	-2.07	-3.03	3.67	214.33	0.17
343.00	0.70	209.54	342.98	-3.04	-2.08	-3.04	3.69	214.31	0.18
344.00	0.70	209.28	343.98	-3.05	-2.08	-3.05	3.70	214.30	0.42
345.00	0.70	209.17	344.98	-3.07	-2.09	-3.07	3.71	214.28	0.14
346.00	0.70	209.03	345.98	-3.08	-2.10	-3.08	3.72	214.26	0.22
347.00	0.70	208.83	346.98	-3.09	-2.10	-3.09	3.73	214.25	0.24
348.00	0.70	208.61	347.98	-3.10	-2.11	-3.10	3.75	214.23	0.34
349.00	0.70	208.51	348.98	-3.11	-2.11	-3.11	3.76	214.21	0.15
350.00	0.70	208.49	349.98	-3.12	-2.12	-3.12	3.77	214.19	0.14
351.00	0.70	208.42	350.98	-3.13	-2.12	-3.13	3.78	214.17	0.19
352.00	0.70	208.04	351.98	-3.14	-2.13	-3.14	3.79	214.15	0.52
353.00	0.70	207.81	352.98	-3.15	-2.14	-3.15	3.81	214.13	0.28
354.00	0.70	207.70	353.98	-3.16	-2.14	-3.16	3.82	214.11	0.16
355.00	0.70	207.63	354.98	-3.17	-2.15	-3.17	3.83	214.09	0.13
356.00	0.70	207.45	355.98	-3.18	-2.15	-3.18	3.84	214.07	0.33
357.00	0.70	207.34	356.98	-3.19	-2.16	-3.19	3.85	214.05	0.14
358.00	0.70	207.42	357.98	-3.20	-2.16	-3.20	3.87	214.03	0.35
359.00	0.70	207.43	358.98	-3.22	-2.17	-3.22	3.88	214.01	0.32
360.00	0.70	207.46	359.98	-3.23	-2.18	-3.23	3.89	213.99	0.08
361.00	0.70	207.49	360.98	-3.24	-2.18	-3.24	3.90	213.97	0.11
362.00	0.70	207.43	361.98	-3.25	-2.19	-3.25	3.92	213.95	0.19
363.00	0.71	207.57	362.98	-3.26	-2.19	-3.26	3.93	213.93	0.60
364.00	0.71	207.63	363.98	-3.27	-2.20	-3.27	3.94	213.91	0.26
365.00	0.71	207.50	364.98	-3.28	-2.20	-3.28	3.95	213.89	0.38
366.00	0.71	207.44	365.98	-3.29	-2.21	-3.29	3.97	213.87	0.08
367.00	0.71	207.45	366.98	-3.30	-2.22	-3.30	3.98	213.85	0.21
368.00	0.71	207.49	367.98	-3.31	-2.22	-3.31	3.99	213.83	0.28
369.00	0.71	207.26	368.98	-3.33	-2.23	-3.33	4.00	213.81	0.32
370.00	0.71	207.21	369.98	-3.34	-2.23	-3.34	4.01	213.79	0.10
371.00	0.72	207.27	370.98	-3.35	-2.24	-3.35	4.03	213.77	0.30
372.00	0.72	207.25	371.98	-3.36	-2.24	-3.36	4.04	213.75	0.41
373.00	0.72	207.41	372.98	-3.37	-2.25	-3.37	4.05	213.73	0.20
374.00	0.72	207.53	373.98	-3.38	-2.26	-3.38	4.06	213.71	0.22
375.00	0.72	207.44	374.98	-3.39	-2.26	-3.39	4.08	213.69	0.14
376.00	0.72	207.36	375.98	-3.40	-2.27	-3.40	4.09	213.67	0.29
377.00	0.72	207.41	376.98	-3.41	-2.27	-3.41	4.10	213.65	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
378.00	0.72	207.59	377.98	-3.43	-2.28	-3.43	4.11	213.63	0.31
379.00	0.72	207.66	378.98	-3.44	-2.28	-3.44	4.13	213.61	0.11
380.00	0.73	207.76	379.98	-3.45	-2.29	-3.45	4.14	213.60	0.41
381.00	0.73	207.85	380.98	-3.46	-2.30	-3.46	4.15	213.58	0.45
382.00	0.73	207.89	381.98	-3.47	-2.30	-3.47	4.16	213.56	0.29
383.00	0.72	207.80	382.98	-3.48	-2.31	-3.48	4.18	213.54	0.45
384.00	0.73	207.61	383.98	-3.49	-2.31	-3.49	4.19	213.53	0.47
385.00	0.73	207.44	384.98	-3.50	-2.32	-3.50	4.20	213.51	0.79
386.00	0.73	207.50	385.98	-3.52	-2.33	-3.52	4.22	213.49	0.26
387.00	0.73	207.33	386.98	-3.53	-2.33	-3.53	4.23	213.47	0.59
388.00	0.73	207.16	387.98	-3.54	-2.34	-3.54	4.24	213.45	0.23
389.00	0.74	207.21	388.98	-3.55	-2.34	-3.55	4.25	213.43	0.98
390.00	0.74	207.56	389.98	-3.56	-2.35	-3.56	4.27	213.42	0.47
391.00	0.73	207.71	390.98	-3.57	-2.36	-3.57	4.28	213.40	0.29
392.00	0.73	207.61	391.98	-3.58	-2.36	-3.58	4.29	213.38	0.39
393.00	0.73	207.40	392.97	-3.59	-2.37	-3.59	4.30	213.36	0.47
394.00	0.74	207.50	393.97	-3.61	-2.37	-3.61	4.32	213.35	0.27
395.00	0.74	207.92	394.97	-3.62	-2.38	-3.62	4.33	213.33	0.53
396.00	0.73	208.09	395.97	-3.63	-2.39	-3.63	4.34	213.31	0.32
397.00	0.74	207.94	396.97	-3.64	-2.39	-3.64	4.36	213.30	0.25
398.00	0.74	207.58	397.97	-3.65	-2.40	-3.65	4.37	213.28	0.69
399.00	0.75	207.48	398.97	-3.66	-2.40	-3.66	4.38	213.26	0.46
400.00	0.74	207.78	399.97	-3.67	-2.41	-3.67	4.39	213.25	0.49
401.00	0.74	208.06	400.97	-3.69	-2.42	-3.69	4.41	213.23	0.54
402.00	0.74	207.95	401.97	-3.70	-2.42	-3.70	4.42	213.22	0.27
403.00	0.75	207.95	402.97	-3.71	-2.43	-3.71	4.43	213.20	0.63
404.00	0.75	208.05	403.97	-3.72	-2.43	-3.72	4.45	213.19	0.66
405.00	0.75	208.25	404.97	-3.73	-2.44	-3.73	4.46	213.17	0.44
406.00	0.75	208.54	405.97	-3.74	-2.45	-3.74	4.47	213.16	0.43
407.00	0.75	208.87	406.97	-3.76	-2.45	-3.76	4.48	213.15	0.46
408.00	0.75	208.87	407.97	-3.77	-2.46	-3.77	4.50	213.13	0.63
409.00	0.76	208.82	408.97	-3.78	-2.46	-3.78	4.51	213.12	0.44
410.00	0.76	208.73	409.97	-3.79	-2.47	-3.79	4.52	213.11	0.26
411.00	0.76	208.90	410.97	-3.80	-2.48	-3.80	4.54	213.09	0.29
412.00	0.76	209.15	411.97	-3.81	-2.48	-3.81	4.55	213.08	0.45
413.00	0.77	209.12	412.97	-3.82	-2.49	-3.82	4.56	213.07	0.52
414.00	0.77	209.09	413.97	-3.84	-2.50	-3.84	4.58	213.06	0.41
415.00	0.78	209.07	414.97	-3.85	-2.50	-3.85	4.59	213.05	0.24
416.00	0.77	209.44	415.97	-3.86	-2.51	-3.86	4.60	213.04	0.66
417.00	0.77	209.70	416.97	-3.87	-2.52	-3.87	4.62	213.03	0.35

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
418.00	0.78	209.71	417.97	-3.88	-2.52	-3.88	4.63	213.02	0.57
419.00	0.78	209.69	418.97	-3.90	-2.53	-3.90	4.65	213.01	0.74
420.00	0.79	209.72	419.97	-3.91	-2.54	-3.91	4.66	213.00	0.75
421.00	0.80	210.01	420.97	-3.92	-2.54	-3.92	4.67	212.99	0.56
422.00	0.79	210.41	421.97	-3.93	-2.55	-3.93	4.69	212.98	0.57
423.00	0.79	210.91	422.97	-3.94	-2.56	-3.94	4.70	212.97	0.94
424.00	0.79	211.20	423.97	-3.96	-2.57	-3.96	4.71	212.97	0.53
425.00	0.80	211.38	424.97	-3.97	-2.57	-3.97	4.73	212.96	0.57
426.00	0.80	211.43	425.97	-3.98	-2.58	-3.98	4.74	212.96	0.60
427.00	0.81	211.60	426.97	-3.99	-2.59	-3.99	4.76	212.95	0.50
428.00	0.81	211.88	427.97	-4.00	-2.59	-4.00	4.77	212.95	0.49
429.00	0.81	212.20	428.97	-4.01	-2.60	-4.01	4.78	212.95	0.51
430.00	0.81	212.38	429.97	-4.03	-2.61	-4.03	4.80	212.95	0.28
431.00	0.81	212.44	430.97	-4.04	-2.62	-4.04	4.81	212.94	0.10
432.00	0.81	212.66	431.97	-4.05	-2.62	-4.05	4.83	212.94	0.34
433.00	0.81	212.99	432.97	-4.06	-2.63	-4.06	4.84	212.94	0.50
434.00	0.81	213.26	433.97	-4.07	-2.64	-4.07	4.85	212.94	0.41
435.00	0.81	213.59	434.97	-4.09	-2.65	-4.09	4.87	212.94	0.48
436.00	0.81	213.99	435.97	-4.10	-2.66	-4.10	4.88	212.95	0.56
437.00	0.81	214.46	436.97	-4.11	-2.66	-4.11	4.90	212.95	0.73
438.00	0.80	214.90	437.97	-4.12	-2.67	-4.12	4.91	212.96	0.82
439.00	0.80	215.21	438.97	-4.13	-2.68	-4.13	4.93	212.96	0.84
440.00	0.80	215.47	439.97	-4.14	-2.69	-4.14	4.94	212.97	0.53
441.00	0.80	215.75	440.97	-4.16	-2.70	-4.16	4.95	212.98	0.47
442.00	0.80	216.09	441.97	-4.17	-2.70	-4.17	4.97	212.98	0.59
443.00	0.79	216.30	442.97	-4.18	-2.71	-4.18	4.98	212.99	0.63
444.00	0.79	216.45	443.97	-4.19	-2.72	-4.19	4.99	213.00	0.69
445.00	0.78	216.62	444.97	-4.20	-2.73	-4.20	5.01	213.01	0.83
446.00	0.77	216.93	445.97	-4.21	-2.74	-4.21	5.02	213.02	0.67
447.00	0.77	217.36	446.97	-4.22	-2.74	-4.22	5.04	213.03	0.64
448.00	0.76	217.92	447.97	-4.23	-2.75	-4.23	5.05	213.05	1.04
449.00	0.76	218.43	448.97	-4.24	-2.76	-4.24	5.06	213.06	1.07
450.00	0.75	218.20	449.97	-4.25	-2.77	-4.25	5.08	213.07	0.82
451.00	0.74	218.17	450.97	-4.26	-2.78	-4.26	5.09	213.09	0.50
452.00	0.74	218.28	451.97	-4.27	-2.79	-4.27	5.10	213.10	0.35
453.00	0.73	218.51	452.97	-4.28	-2.79	-4.28	5.11	213.11	0.95
454.00	0.72	218.78	453.97	-4.29	-2.80	-4.29	5.13	213.13	1.35
455.00	0.70	218.57	454.97	-4.30	-2.81	-4.30	5.14	213.14	1.44
456.00	0.69	218.47	455.97	-4.31	-2.82	-4.31	5.15	213.15	0.99
457.00	0.69	218.45	456.97	-4.32	-2.82	-4.32	5.16	213.16	0.70

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
458.00	0.68	218.29	457.97	-4.33	-2.83	-4.33	5.17	213.18	0.84
459.00	0.67	217.99	458.97	-4.34	-2.84	-4.34	5.19	213.19	0.96
460.00	0.66	217.41	459.97	-4.35	-2.85	-4.35	5.20	213.20	1.21
461.00	0.65	216.82	460.97	-4.36	-2.85	-4.36	5.21	213.21	1.11
462.00	0.64	216.22	461.97	-4.37	-2.86	-4.37	5.22	213.21	1.05
463.00	0.64	215.74	462.97	-4.38	-2.87	-4.38	5.23	213.22	0.92
464.00	0.63	215.28	463.97	-4.39	-2.87	-4.39	5.24	213.22	0.87
465.00	0.62	214.79	464.97	-4.39	-2.88	-4.39	5.25	213.23	0.83
466.00	0.62	214.12	465.97	-4.40	-2.89	-4.40	5.26	213.23	0.88
467.00	0.61	213.31	466.97	-4.41	-2.89	-4.41	5.28	213.23	0.95
468.00	0.61	212.57	467.97	-4.42	-2.90	-4.42	5.29	213.23	1.05
469.00	0.60	211.86	468.97	-4.43	-2.90	-4.43	5.30	213.23	1.01
470.00	0.59	211.17	469.97	-4.44	-2.91	-4.44	5.31	213.23	0.97
471.00	0.59	210.30	470.97	-4.45	-2.91	-4.45	5.32	213.22	0.91
472.00	0.60	209.32	471.97	-4.46	-2.92	-4.46	5.33	213.21	1.21
473.00	0.61	208.45	472.97	-4.47	-2.92	-4.47	5.34	213.21	1.08
474.00	0.61	207.89	473.97	-4.48	-2.93	-4.48	5.35	213.20	0.66
475.00	0.61	207.57	474.97	-4.49	-2.93	-4.49	5.36	213.18	0.35
476.00	0.61	207.46	475.97	-4.49	-2.94	-4.49	5.37	213.17	0.27
477.00	0.62	207.34	476.97	-4.50	-2.94	-4.50	5.38	213.16	0.45
478.00	0.62	207.21	477.97	-4.51	-2.95	-4.51	5.39	213.15	0.53
479.00	0.63	207.01	478.97	-4.52	-2.95	-4.52	5.40	213.14	0.50
480.00	0.63	206.80	479.97	-4.53	-2.96	-4.53	5.41	213.13	0.49
481.00	0.63	206.63	480.97	-4.54	-2.96	-4.54	5.42	213.11	0.38
482.00	0.64	206.56	481.97	-4.55	-2.97	-4.55	5.44	213.10	0.61
483.00	0.65	206.61	482.97	-4.56	-2.97	-4.56	5.45	213.09	0.90
484.00	0.65	206.76	483.97	-4.57	-2.98	-4.57	5.46	213.07	0.54
485.00	0.66	206.91	484.97	-4.58	-2.98	-4.58	5.47	213.06	0.62
486.00	0.67	207.05	485.97	-4.59	-2.99	-4.59	5.48	213.05	0.71
487.00	0.68	207.19	486.97	-4.60	-2.99	-4.60	5.49	213.03	1.30
488.00	0.69	207.28	487.97	-4.62	-3.00	-4.62	5.50	213.02	0.84
489.00	0.69	207.31	488.97	-4.63	-3.01	-4.63	5.52	213.01	0.05
490.00	0.69	207.44	489.97	-4.64	-3.01	-4.64	5.53	213.00	0.31
491.00	0.70	207.60	490.97	-4.65	-3.02	-4.65	5.54	212.98	0.42
492.00	0.71	207.97	491.97	-4.66	-3.02	-4.66	5.55	212.97	1.20
493.00	0.71	208.36	492.97	-4.67	-3.03	-4.67	5.56	212.96	0.87
494.00	0.72	208.72	493.97	-4.68	-3.03	-4.68	5.58	212.95	0.59
495.00	0.72	208.83	494.97	-4.69	-3.04	-4.69	5.59	212.94	0.49
496.00	0.73	209.03	495.97	-4.70	-3.05	-4.70	5.60	212.93	0.51
497.00	0.73	209.55	496.97	-4.71	-3.05	-4.71	5.62	212.93	0.76

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
498.00	0.73	210.09	497.97	-4.72	-3.06	-4.72	5.63	212.92	0.79
499.00	0.74	210.58	498.97	-4.74	-3.06	-4.74	5.64	212.91	0.70
500.00	0.74	210.76	499.97	-4.75	-3.07	-4.75	5.65	212.91	0.29
501.00	0.74	211.08	500.97	-4.76	-3.08	-4.76	5.67	212.90	0.45
502.00	0.74	211.72	501.97	-4.77	-3.08	-4.77	5.68	212.90	0.85
503.00	0.75	212.27	502.97	-4.78	-3.09	-4.78	5.69	212.90	0.77
504.00	0.75	212.72	503.97	-4.79	-3.10	-4.79	5.71	212.90	0.60
505.00	0.75	213.07	504.97	-4.80	-3.11	-4.80	5.72	212.90	0.46
506.00	0.74	213.58	505.97	-4.81	-3.11	-4.81	5.73	212.90	0.69
507.00	0.74	214.24	506.97	-4.82	-3.12	-4.82	5.74	212.90	0.95
508.00	0.74	214.97	507.97	-4.83	-3.13	-4.83	5.76	212.90	0.97
509.00	0.74	215.57	508.97	-4.84	-3.14	-4.84	5.77	212.91	0.82
510.00	0.73	216.05	509.97	-4.85	-3.14	-4.85	5.78	212.92	0.68
511.00	0.73	216.44	510.97	-4.87	-3.15	-4.87	5.80	212.92	0.80
512.00	0.72	216.75	511.97	-4.88	-3.16	-4.88	5.81	212.93	0.98
513.00	0.71	217.00	512.97	-4.89	-3.17	-4.89	5.82	212.94	0.56
514.00	0.71	217.32	513.97	-4.89	-3.17	-4.89	5.83	212.95	0.64
515.00	0.70	217.64	514.97	-4.90	-3.18	-4.90	5.85	212.96	0.71
516.00	0.69	217.70	515.97	-4.91	-3.19	-4.91	5.86	212.97	0.89
517.00	0.68	217.83	516.96	-4.92	-3.19	-4.92	5.87	212.98	0.94
518.00	0.67	218.13	517.96	-4.93	-3.20	-4.93	5.88	212.99	1.08
519.00	0.66	218.14	518.96	-4.94	-3.21	-4.94	5.89	213.00	1.34
520.00	0.65	217.99	519.96	-4.95	-3.22	-4.95	5.90	213.01	1.22
521.00	0.64	217.80	520.96	-4.96	-3.22	-4.96	5.92	213.02	0.95
522.00	0.63	217.26	521.96	-4.97	-3.23	-4.97	5.93	213.02	1.04
523.00	0.62	216.64	522.96	-4.98	-3.24	-4.98	5.94	213.03	1.08
524.00	0.61	215.81	523.96	-4.99	-3.24	-4.99	5.95	213.04	1.27
525.00	0.60	215.14	524.96	-5.00	-3.25	-5.00	5.96	213.04	1.22
526.00	0.59	214.63	525.96	-5.00	-3.26	-5.00	5.97	213.05	1.20
527.00	0.58	213.89	526.96	-5.01	-3.26	-5.01	5.98	213.05	1.26
528.00	0.57	213.07	527.96	-5.02	-3.27	-5.02	5.99	213.05	1.21
529.00	0.57	212.01	528.96	-5.03	-3.27	-5.03	6.00	213.05	1.06
530.00	0.57	211.07	529.96	-5.04	-3.28	-5.04	6.01	213.04	1.02
531.00	0.56	210.21	530.96	-5.05	-3.28	-5.05	6.02	213.04	1.11
532.00	0.55	209.47	531.96	-5.05	-3.29	-5.05	6.03	213.04	1.23
533.00	0.55	208.75	532.96	-5.06	-3.29	-5.06	6.04	213.03	1.00
534.00	0.55	208.03	533.96	-5.07	-3.30	-5.07	6.05	213.02	0.68
535.00	0.55	207.61	534.96	-5.08	-3.30	-5.08	6.06	213.01	0.51
536.00	0.55	207.22	535.96	-5.09	-3.30	-5.09	6.07	213.01	0.51
537.00	0.56	206.78	536.96	-5.10	-3.31	-5.10	6.08	213.00	0.58

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
538.00	0.56	206.42	537.96	-5.11	-3.31	-5.11	6.09	212.99	0.44
539.00	0.56	206.15	538.96	-5.11	-3.32	-5.11	6.10	212.97	0.26
540.00	0.56	206.09	539.96	-5.12	-3.32	-5.12	6.11	212.96	0.23
541.00	0.55	206.06	540.96	-5.13	-3.33	-5.13	6.12	212.95	0.25
542.00	0.56	205.75	541.96	-5.14	-3.33	-5.14	6.13	212.94	0.42
543.00	0.57	205.47	542.96	-5.15	-3.33	-5.15	6.13	212.93	0.84
544.00	0.58	205.22	543.96	-5.16	-3.34	-5.16	6.14	212.92	1.31
545.00	0.58	205.27	544.96	-5.17	-3.34	-5.17	6.15	212.91	0.45
546.00	0.58	205.24	545.96	-5.18	-3.35	-5.18	6.16	212.89	0.20
547.00	0.58	205.02	546.96	-5.19	-3.35	-5.19	6.17	212.88	0.22
548.00	0.59	205.05	547.96	-5.19	-3.36	-5.19	6.19	212.87	0.26
549.00	0.59	205.23	548.96	-5.20	-3.36	-5.20	6.20	212.85	0.49
550.00	0.60	205.56	549.96	-5.21	-3.37	-5.21	6.21	212.84	1.08
551.00	0.61	205.92	550.96	-5.22	-3.37	-5.22	6.22	212.83	0.91
552.00	0.62	206.29	551.96	-5.23	-3.37	-5.23	6.23	212.82	0.81
553.00	0.62	206.15	552.96	-5.24	-3.38	-5.24	6.24	212.81	0.20
554.00	0.62	206.03	553.96	-5.25	-3.38	-5.25	6.25	212.80	0.20
555.00	0.62	206.09	554.96	-5.26	-3.39	-5.26	6.26	212.78	0.42
556.00	0.63	206.35	555.96	-5.27	-3.39	-5.27	6.27	212.77	0.46
557.00	0.63	206.75	556.96	-5.28	-3.40	-5.28	6.28	212.76	0.54
558.00	0.63	207.08	557.96	-5.29	-3.40	-5.29	6.29	212.75	0.53
559.00	0.64	207.25	558.96	-5.30	-3.41	-5.30	6.30	212.74	0.50
560.00	0.65	207.06	559.96	-5.31	-3.41	-5.31	6.31	212.73	0.67
561.00	0.65	206.95	560.96	-5.32	-3.42	-5.32	6.33	212.72	0.19
562.00	0.65	206.91	561.96	-5.33	-3.42	-5.33	6.34	212.71	0.05
563.00	0.65	207.39	562.96	-5.34	-3.43	-5.34	6.35	212.70	0.55
564.00	0.65	207.75	563.96	-5.35	-3.43	-5.35	6.36	212.69	0.42
565.00	0.65	207.81	564.96	-5.36	-3.44	-5.36	6.37	212.68	0.20
566.00	0.66	207.81	565.96	-5.37	-3.45	-5.37	6.38	212.67	0.42
567.00	0.66	207.79	566.96	-5.38	-3.45	-5.38	6.39	212.67	0.47
568.00	0.66	207.94	567.96	-5.39	-3.46	-5.39	6.40	212.66	0.26
569.00	0.66	208.09	568.96	-5.40	-3.46	-5.40	6.42	212.65	0.24
570.00	0.65	208.22	569.96	-5.41	-3.47	-5.41	6.43	212.64	0.73
571.00	0.66	208.27	570.96	-5.42	-3.47	-5.42	6.44	212.63	0.28
572.00	0.66	208.30	571.96	-5.43	-3.48	-5.43	6.45	212.63	0.38
573.00	0.66	208.55	572.96	-5.44	-3.48	-5.44	6.46	212.62	0.41
574.00	0.66	208.70	573.96	-5.45	-3.49	-5.45	6.47	212.61	0.20
575.00	0.66	208.70	574.96	-5.46	-3.49	-5.46	6.48	212.60	0.18
576.00	0.66	208.57	575.96	-5.47	-3.50	-5.47	6.50	212.60	0.18
577.00	0.66	208.42	576.96	-5.48	-3.51	-5.48	6.51	212.59	0.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
578.00	0.67	209.03	577.96	-5.49	-3.51	-5.49	6.52	212.58	0.72
579.00	0.66	209.38	578.96	-5.50	-3.52	-5.50	6.53	212.58	0.48
580.00	0.66	209.44	579.96	-5.51	-3.52	-5.51	6.54	212.57	0.62
581.00	0.65	209.30	580.96	-5.52	-3.53	-5.52	6.55	212.57	0.30
582.00	0.65	209.23	581.96	-5.53	-3.53	-5.53	6.57	212.56	0.17
583.00	0.66	209.75	582.96	-5.54	-3.54	-5.54	6.58	212.55	0.95
584.00	0.66	210.24	583.96	-5.55	-3.54	-5.55	6.59	212.55	0.58
585.00	0.65	210.69	584.96	-5.56	-3.55	-5.56	6.60	212.55	0.82
586.00	0.65	210.89	585.96	-5.57	-3.56	-5.57	6.61	212.54	0.59
587.00	0.65	211.23	586.96	-5.58	-3.56	-5.58	6.62	212.54	0.51
588.00	0.66	211.61	587.96	-5.59	-3.57	-5.59	6.63	212.54	0.66
589.00	0.65	211.88	588.96	-5.60	-3.57	-5.60	6.65	212.54	0.44
590.00	0.65	212.15	589.96	-5.61	-3.58	-5.61	6.66	212.54	0.49
591.00	0.64	212.39	590.96	-5.62	-3.59	-5.62	6.67	212.54	0.62
592.00	0.64	212.70	591.96	-5.63	-3.59	-5.63	6.68	212.54	0.35
593.00	0.64	213.04	592.96	-5.64	-3.60	-5.64	6.69	212.54	0.41
594.00	0.64	213.46	593.96	-5.65	-3.60	-5.65	6.70	212.54	0.47
595.00	0.64	213.94	594.96	-5.66	-3.61	-5.66	6.71	212.54	0.63
596.00	0.63	214.54	595.96	-5.67	-3.62	-5.67	6.72	212.54	1.01
597.00	0.63	214.79	596.96	-5.68	-3.62	-5.68	6.74	212.55	0.27
598.00	0.64	214.94	597.96	-5.69	-3.63	-5.69	6.75	212.55	0.25
599.00	0.64	215.10	598.96	-5.70	-3.64	-5.70	6.76	212.55	0.26
600.00	0.64	215.33	599.96	-5.70	-3.64	-5.70	6.77	212.56	0.35
601.00	0.62	215.78	600.96	-5.71	-3.65	-5.71	6.78	212.56	1.32
602.00	0.62	216.22	601.96	-5.72	-3.66	-5.72	6.79	212.57	0.92
603.00	0.61	216.65	602.96	-5.73	-3.66	-5.73	6.80	212.57	0.82
604.00	0.61	216.77	603.96	-5.74	-3.67	-5.74	6.81	212.58	0.15
605.00	0.61	216.93	604.96	-5.75	-3.67	-5.75	6.82	212.59	0.24
606.00	0.60	217.16	605.96	-5.76	-3.68	-5.76	6.83	212.59	0.55
607.00	0.59	217.46	606.96	-5.76	-3.69	-5.76	6.84	212.60	1.23
608.00	0.58	217.76	607.96	-5.77	-3.69	-5.77	6.85	212.61	1.20
609.00	0.57	218.03	608.96	-5.78	-3.70	-5.78	6.86	212.62	1.11
610.00	0.56	218.20	609.96	-5.79	-3.71	-5.79	6.87	212.62	1.04
611.00	0.55	218.24	610.96	-5.80	-3.71	-5.80	6.88	212.63	0.91
612.00	0.54	218.02	611.96	-5.80	-3.72	-5.80	6.89	212.64	0.63
613.00	0.54	217.89	612.96	-5.81	-3.72	-5.81	6.90	212.65	0.64
614.00	0.53	218.11	613.96	-5.82	-3.73	-5.82	6.91	212.65	0.79
615.00	0.52	217.89	614.96	-5.83	-3.73	-5.83	6.92	212.66	1.47
616.00	0.50	217.61	615.96	-5.83	-3.74	-5.83	6.93	212.67	1.55
617.00	0.49	217.51	616.96	-5.84	-3.75	-5.84	6.94	212.67	1.10

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
618.00	0.48	217.43	617.96	-5.85	-3.75	-5.85	6.95	212.68	1.09
619.00	0.47	217.46	618.96	-5.85	-3.76	-5.85	6.95	212.69	1.04
620.00	0.46	217.29	619.96	-5.86	-3.76	-5.86	6.96	212.69	0.67
621.00	0.46	217.03	620.96	-5.87	-3.77	-5.87	6.97	212.70	0.57
622.00	0.45	216.55	621.96	-5.87	-3.77	-5.87	6.98	212.70	0.93
623.00	0.44	216.04	622.96	-5.88	-3.77	-5.88	6.99	212.70	1.05
624.00	0.42	215.16	623.96	-5.88	-3.78	-5.88	6.99	212.71	2.14
625.00	0.41	214.78	624.96	-5.89	-3.78	-5.89	7.00	212.71	0.77
626.00	0.40	214.42	625.96	-5.90	-3.79	-5.90	7.01	212.71	0.73
627.00	0.40	214.11	626.96	-5.90	-3.79	-5.90	7.01	212.71	0.58
628.00	0.39	213.68	627.96	-5.91	-3.79	-5.91	7.02	212.71	0.64
629.00	0.39	213.00	628.96	-5.91	-3.80	-5.91	7.03	212.72	0.79
630.00	0.38	212.17	629.96	-5.92	-3.80	-5.92	7.03	212.72	0.97
631.00	0.37	211.34	630.96	-5.92	-3.81	-5.92	7.04	212.71	1.00
632.00	0.36	210.74	631.96	-5.93	-3.81	-5.93	7.05	212.71	0.88
633.00	0.35	210.21	632.96	-5.94	-3.81	-5.94	7.05	212.71	0.74
634.00	0.35	209.84	633.96	-5.94	-3.81	-5.94	7.06	212.71	0.41
635.00	0.36	209.68	634.96	-5.95	-3.82	-5.95	7.07	212.71	0.51
636.00	0.36	209.32	635.96	-5.95	-3.82	-5.95	7.07	212.70	0.38
637.00	0.36	208.44	636.96	-5.96	-3.82	-5.96	7.08	212.70	0.65
638.00	0.35	207.49	637.96	-5.96	-3.83	-5.96	7.08	212.70	0.67
639.00	0.35	206.53	638.96	-5.97	-3.83	-5.97	7.09	212.69	0.67
640.00	0.34	206.32	639.96	-5.97	-3.83	-5.97	7.10	212.69	0.50
641.00	0.34	206.13	640.96	-5.98	-3.84	-5.98	7.10	212.68	0.48
642.00	0.34	206.05	641.96	-5.98	-3.84	-5.98	7.11	212.67	0.31
643.00	0.34	205.74	642.96	-5.99	-3.84	-5.99	7.11	212.67	0.21
644.00	0.34	205.09	643.96	-5.99	-3.84	-5.99	7.12	212.66	0.62
645.00	0.35	204.04	644.96	-6.00	-3.85	-6.00	7.13	212.66	0.76
646.00	0.35	203.14	645.96	-6.01	-3.85	-6.01	7.13	212.65	0.63
647.00	0.35	202.83	646.96	-6.01	-3.85	-6.01	7.14	212.64	0.23
648.00	0.35	202.60	647.96	-6.02	-3.85	-6.02	7.14	212.63	0.19
649.00	0.35	202.42	648.96	-6.02	-3.85	-6.02	7.15	212.62	0.18
650.00	0.36	202.29	649.96	-6.03	-3.86	-6.03	7.16	212.61	0.77
651.00	0.37	202.00	650.96	-6.03	-3.86	-6.03	7.16	212.61	0.92
652.00	0.37	201.69	651.96	-6.04	-3.86	-6.04	7.17	212.60	0.56
653.00	0.37	201.56	652.96	-6.05	-3.86	-6.05	7.18	212.59	0.59
654.00	0.36	201.41	653.96	-6.05	-3.87	-6.05	7.18	212.58	0.22
655.00	0.36	201.23	654.96	-6.06	-3.87	-6.06	7.19	212.57	0.13
656.00	0.37	200.88	655.96	-6.06	-3.87	-6.06	7.19	212.56	0.73
657.00	0.38	200.65	656.96	-6.07	-3.87	-6.07	7.20	212.55	0.78

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
658.00	0.39	200.73	657.96	-6.08	-3.88	-6.08	7.21	212.53	0.78
659.00	0.39	200.78	658.96	-6.08	-3.88	-6.08	7.21	212.52	0.73
660.00	0.40	200.76	659.96	-6.09	-3.88	-6.09	7.22	212.51	0.67
661.00	0.40	200.75	660.96	-6.10	-3.88	-6.10	7.23	212.50	0.15
662.00	0.40	200.74	661.96	-6.10	-3.89	-6.10	7.23	212.49	0.02
663.00	0.41	200.96	662.96	-6.11	-3.89	-6.11	7.24	212.48	0.64
664.00	0.41	201.17	663.96	-6.12	-3.89	-6.12	7.25	212.47	0.48
665.00	0.41	201.33	664.96	-6.12	-3.89	-6.12	7.26	212.46	0.26
666.00	0.42	201.37	665.96	-6.13	-3.90	-6.13	7.26	212.45	0.48
667.00	0.43	201.41	666.96	-6.14	-3.90	-6.14	7.27	212.43	0.62
668.00	0.43	201.58	667.96	-6.14	-3.90	-6.14	7.28	212.42	0.59
669.00	0.44	201.81	668.96	-6.15	-3.90	-6.15	7.28	212.41	0.50
670.00	0.44	202.11	669.96	-6.16	-3.91	-6.16	7.29	212.40	0.43
671.00	0.44	202.54	670.96	-6.16	-3.91	-6.16	7.30	212.39	0.49
672.00	0.45	203.10	671.96	-6.17	-3.91	-6.17	7.31	212.38	0.59
673.00	0.45	203.76	672.96	-6.18	-3.92	-6.18	7.31	212.37	0.82
674.00	0.46	204.18	673.96	-6.19	-3.92	-6.19	7.32	212.36	0.56
675.00	0.46	204.45	674.96	-6.19	-3.92	-6.19	7.33	212.35	0.38
676.00	0.46	204.69	675.96	-6.20	-3.93	-6.20	7.34	212.34	0.26
677.00	0.46	204.92	676.96	-6.21	-3.93	-6.21	7.35	212.34	0.20
678.00	0.47	205.16	677.96	-6.21	-3.93	-6.21	7.35	212.33	0.40
679.00	0.47	205.51	678.96	-6.22	-3.94	-6.22	7.36	212.32	0.57
680.00	0.48	205.97	679.96	-6.23	-3.94	-6.23	7.37	212.31	0.75
681.00	0.48	206.37	680.96	-6.24	-3.94	-6.24	7.38	212.31	0.37
682.00	0.48	206.75	681.96	-6.24	-3.95	-6.24	7.39	212.30	0.31
683.00	0.48	207.09	682.96	-6.25	-3.95	-6.25	7.40	212.29	0.49
684.00	0.49	207.62	683.96	-6.26	-3.96	-6.26	7.40	212.29	0.68
685.00	0.49	208.44	684.96	-6.27	-3.96	-6.27	7.41	212.28	0.97
686.00	0.49	209.12	685.96	-6.27	-3.96	-6.27	7.42	212.28	0.62
687.00	0.49	209.77	686.96	-6.28	-3.97	-6.28	7.43	212.28	0.65
688.00	0.48	210.21	687.96	-6.29	-3.97	-6.29	7.44	212.27	0.52
689.00	0.48	210.71	688.96	-6.30	-3.98	-6.30	7.45	212.27	0.44
690.00	0.48	211.33	689.96	-6.30	-3.98	-6.30	7.46	212.27	0.55
691.00	0.49	211.88	690.96	-6.31	-3.98	-6.31	7.46	212.27	0.61
692.00	0.49	212.21	691.96	-6.32	-3.99	-6.32	7.47	212.27	0.31
693.00	0.49	212.31	692.96	-6.33	-3.99	-6.33	7.48	212.27	0.17
694.00	0.48	212.57	693.96	-6.33	-4.00	-6.33	7.49	212.27	0.42
695.00	0.48	213.07	694.96	-6.34	-4.00	-6.34	7.50	212.27	0.79
696.00	0.47	213.97	695.96	-6.35	-4.01	-6.35	7.51	212.27	1.01
697.00	0.47	214.71	696.96	-6.35	-4.01	-6.35	7.51	212.27	0.81

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
698.00	0.46	214.98	697.96	-6.36	-4.02	-6.36	7.52	212.28	0.30
699.00	0.46	215.22	698.96	-6.37	-4.02	-6.37	7.53	212.28	0.26
700.00	0.46	215.39	699.96	-6.37	-4.03	-6.37	7.54	212.28	0.16
701.00	0.45	215.75	700.96	-6.38	-4.03	-6.38	7.55	212.28	0.80
702.00	0.44	216.09	701.96	-6.39	-4.04	-6.39	7.55	212.29	1.02
703.00	0.44	216.22	702.96	-6.39	-4.04	-6.39	7.56	212.29	0.89
704.00	0.43	216.41	703.96	-6.40	-4.04	-6.40	7.57	212.30	0.90
705.00	0.42	216.75	704.96	-6.40	-4.05	-6.40	7.58	212.30	0.93
706.00	0.40	217.18	705.96	-6.41	-4.05	-6.41	7.58	212.31	1.32
707.00	0.39	217.50	706.96	-6.42	-4.06	-6.42	7.59	212.31	1.26
708.00	0.39	217.27	707.96	-6.42	-4.06	-6.42	7.60	212.31	0.39
709.00	0.38	216.68	708.96	-6.43	-4.07	-6.43	7.60	212.32	0.64
710.00	0.38	215.25	709.96	-6.43	-4.07	-6.43	7.61	212.32	1.26
711.00	0.36	213.98	710.96	-6.44	-4.07	-6.44	7.62	212.32	1.74
712.00	0.35	213.01	711.96	-6.44	-4.08	-6.44	7.62	212.32	1.35
713.00	0.34	212.33	712.96	-6.45	-4.08	-6.45	7.63	212.32	0.90
714.00	0.33	211.17	713.96	-6.45	-4.08	-6.45	7.64	212.32	0.96
715.00	0.33	209.51	714.96	-6.46	-4.09	-6.46	7.64	212.32	1.09
716.00	0.32	208.51	715.96	-6.46	-4.09	-6.46	7.65	212.32	0.78
717.00	0.32	207.36	716.96	-6.47	-4.09	-6.47	7.65	212.32	0.92
718.00	0.31	206.00	717.96	-6.47	-4.09	-6.47	7.66	212.31	1.14
719.00	0.30	204.81	718.96	-6.48	-4.10	-6.48	7.66	212.31	0.95
720.00	0.29	203.80	719.96	-6.48	-4.10	-6.48	7.67	212.30	0.77
721.00	0.29	203.03	720.96	-6.49	-4.10	-6.49	7.67	212.30	0.57
722.00	0.29	202.36	721.96	-6.49	-4.10	-6.49	7.68	212.29	0.37
723.00	0.29	201.84	722.96	-6.50	-4.10	-6.50	7.68	212.28	0.36
724.00	0.30	200.70	723.96	-6.50	-4.11	-6.50	7.69	212.28	0.86
725.00	0.30	199.25	724.96	-6.51	-4.11	-6.51	7.69	212.27	1.06
726.00	0.30	198.83	725.96	-6.51	-4.11	-6.51	7.70	212.26	0.54
727.00	0.29	198.46	726.96	-6.52	-4.11	-6.52	7.70	212.25	0.53
728.00	0.29	198.14	727.96	-6.52	-4.11	-6.52	7.71	212.24	0.53
729.00	0.30	197.69	728.96	-6.52	-4.11	-6.52	7.71	212.23	0.63
730.00	0.31	197.34	729.96	-6.53	-4.12	-6.53	7.72	212.22	1.07
731.00	0.32	197.38	730.96	-6.53	-4.12	-6.53	7.72	212.21	1.05
732.00	0.32	197.21	731.96	-6.54	-4.12	-6.54	7.73	212.20	0.19
733.00	0.32	196.94	732.96	-6.55	-4.12	-6.55	7.73	212.19	0.26
734.00	0.32	197.10	733.96	-6.55	-4.12	-6.55	7.74	212.18	0.53
735.00	0.33	197.40	734.96	-6.56	-4.12	-6.56	7.75	212.17	0.75
736.00	0.34	197.88	735.96	-6.56	-4.13	-6.56	7.75	212.16	0.95
737.00	0.34	198.19	736.96	-6.57	-4.13	-6.57	7.76	212.15	0.71

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
738.00	0.35	198.40	737.96	-6.57	-4.13	-6.57	7.76	212.14	0.55
739.00	0.35	198.86	738.96	-6.58	-4.13	-6.58	7.77	212.13	0.56
740.00	0.36	199.21	739.96	-6.58	-4.13	-6.58	7.77	212.12	0.33
741.00	0.36	199.49	740.96	-6.59	-4.14	-6.59	7.78	212.11	0.20
742.00	0.36	199.87	741.96	-6.60	-4.14	-6.60	7.79	212.10	0.50
743.00	0.37	200.28	742.96	-6.60	-4.14	-6.60	7.79	212.09	0.62
744.00	0.38	200.76	743.96	-6.61	-4.14	-6.61	7.80	212.08	0.77
745.00	0.38	201.46	744.96	-6.62	-4.14	-6.62	7.81	212.07	0.82
746.00	0.39	202.22	745.96	-6.62	-4.15	-6.62	7.81	212.06	0.84
747.00	0.39	203.52	746.96	-6.63	-4.15	-6.63	7.82	212.05	0.91
748.00	0.39	204.72	747.96	-6.63	-4.15	-6.63	7.83	212.04	0.82
749.00	0.39	205.75	748.96	-6.64	-4.16	-6.64	7.83	212.04	0.72
750.00	0.39	206.24	749.96	-6.65	-4.16	-6.65	7.84	212.03	0.58
751.00	0.40	206.67	750.96	-6.65	-4.16	-6.65	7.85	212.03	0.62
752.00	0.40	207.24	751.96	-6.66	-4.16	-6.66	7.85	212.02	0.44
753.00	0.39	207.89	752.96	-6.66	-4.17	-6.66	7.86	212.02	0.57
754.00	0.39	208.63	753.96	-6.67	-4.17	-6.67	7.87	212.02	0.69
755.00	0.39	209.11	754.96	-6.68	-4.17	-6.68	7.87	212.01	0.36
756.00	0.39	209.56	755.96	-6.68	-4.18	-6.68	7.88	212.01	0.38
757.00	0.39	210.27	756.96	-6.69	-4.18	-6.69	7.89	212.01	0.49
758.00	0.39	210.86	757.96	-6.69	-4.18	-6.69	7.89	212.01	0.44
759.00	0.39	211.34	758.96	-6.70	-4.19	-6.70	7.90	212.01	0.40
760.00	0.38	211.88	759.96	-6.71	-4.19	-6.71	7.91	212.01	0.82
761.00	0.37	212.38	760.96	-6.71	-4.19	-6.71	7.91	212.01	0.82
762.00	0.37	212.70	761.96	-6.72	-4.20	-6.72	7.92	212.01	0.86
763.00	0.36	213.40	762.96	-6.72	-4.20	-6.72	7.93	212.01	0.69
764.00	0.36	214.22	763.96	-6.73	-4.21	-6.73	7.93	212.01	0.72
765.00	0.35	214.84	764.96	-6.73	-4.21	-6.73	7.94	212.01	0.96
766.00	0.34	215.31	765.96	-6.74	-4.21	-6.74	7.95	212.01	1.03
767.00	0.32	215.19	766.96	-6.74	-4.22	-6.74	7.95	212.02	1.42
768.00	0.31	215.22	767.96	-6.75	-4.22	-6.75	7.96	212.02	0.88
769.00	0.31	215.32	768.96	-6.75	-4.22	-6.75	7.96	212.02	0.71
770.00	0.30	215.49	769.96	-6.76	-4.22	-6.76	7.97	212.02	0.64
771.00	0.29	215.04	770.96	-6.76	-4.23	-6.76	7.97	212.02	0.85
772.00	0.28	214.32	771.96	-6.76	-4.23	-6.76	7.98	212.03	1.07
773.00	0.26	213.66	772.96	-6.77	-4.23	-6.77	7.98	212.03	2.04
774.00	0.25	213.14	773.96	-6.77	-4.24	-6.77	7.99	212.03	1.28
775.00	0.24	212.71	774.96	-6.77	-4.24	-6.77	7.99	212.03	0.79
776.00	0.23	212.36	775.96	-6.78	-4.24	-6.78	8.00	212.03	0.97
777.00	0.22	211.90	776.96	-6.78	-4.24	-6.78	8.00	212.03	1.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
778.00	0.21	210.78	777.96	-6.78	-4.24	-6.78	8.00	212.03	1.37
779.00	0.20	209.49	778.96	-6.79	-4.25	-6.79	8.01	212.03	1.06
780.00	0.19	208.14	779.96	-6.79	-4.25	-6.79	8.01	212.03	0.93
781.00	0.18	206.85	780.96	-6.79	-4.25	-6.79	8.01	212.02	1.13
782.00	0.17	205.60	781.96	-6.80	-4.25	-6.80	8.02	212.02	0.90
783.00	0.17	204.40	782.96	-6.80	-4.25	-6.80	8.02	212.02	0.52
784.00	0.17	203.35	783.96	-6.80	-4.25	-6.80	8.02	212.02	0.31
785.00	0.17	202.31	784.96	-6.80	-4.25	-6.80	8.03	212.01	0.32
786.00	0.16	201.04	785.96	-6.81	-4.26	-6.81	8.03	212.01	0.79
787.00	0.15	199.89	786.96	-6.81	-4.26	-6.81	8.03	212.01	0.96
788.00	0.14	198.96	787.96	-6.81	-4.26	-6.81	8.03	212.00	1.10
789.00	0.14	198.06	788.96	-6.81	-4.26	-6.81	8.04	212.00	0.22
790.00	0.14	197.17	789.96	-6.82	-4.26	-6.82	8.04	211.99	0.24
791.00	0.15	195.77	790.96	-6.82	-4.26	-6.82	8.04	211.99	0.63
792.00	0.15	194.31	791.96	-6.82	-4.26	-6.82	8.04	211.98	0.69
793.00	0.15	193.81	792.96	-6.82	-4.26	-6.82	8.05	211.98	0.14
794.00	0.15	193.30	793.96	-6.83	-4.26	-6.83	8.05	211.97	0.14
795.00	0.15	192.75	794.96	-6.83	-4.26	-6.83	8.05	211.96	0.15
796.00	0.16	191.56	795.96	-6.83	-4.26	-6.83	8.05	211.96	1.01
797.00	0.18	190.32	796.96	-6.84	-4.26	-6.84	8.06	211.95	1.19
798.00	0.18	190.18	797.96	-6.84	-4.26	-6.84	8.06	211.94	0.64
799.00	0.19	189.96	798.96	-6.84	-4.26	-6.84	8.06	211.93	0.41
800.00	0.19	189.68	799.96	-6.85	-4.26	-6.85	8.06	211.93	0.26
801.00	0.19	189.34	800.96	-6.85	-4.27	-6.85	8.07	211.92	0.17
802.00	0.19	189.00	801.96	-6.85	-4.27	-6.85	8.07	211.91	0.16
803.00	0.20	188.94	802.96	-6.85	-4.27	-6.85	8.07	211.90	0.53
804.00	0.20	188.88	803.96	-6.86	-4.27	-6.86	8.08	211.89	0.53
805.00	0.22	189.92	804.96	-6.86	-4.27	-6.86	8.08	211.88	1.63
806.00	0.23	190.24	805.96	-6.87	-4.27	-6.87	8.08	211.87	0.94
807.00	0.24	190.49	806.96	-6.87	-4.27	-6.87	8.09	211.86	0.87
808.00	0.23	190.11	807.96	-6.87	-4.27	-6.87	8.09	211.85	0.45
809.00	0.24	190.32	808.96	-6.88	-4.27	-6.88	8.10	211.84	0.49
810.00	0.24	190.73	809.96	-6.88	-4.27	-6.88	8.10	211.83	0.76
811.00	0.25	191.35	810.96	-6.89	-4.27	-6.89	8.10	211.81	0.93
812.00	0.26	191.79	811.96	-6.89	-4.27	-6.89	8.11	211.80	0.69
813.00	0.26	191.94	812.96	-6.89	-4.27	-6.89	8.11	211.79	0.34
814.00	0.26	192.21	813.96	-6.90	-4.27	-6.90	8.12	211.78	0.13
815.00	0.26	192.59	814.96	-6.90	-4.28	-6.90	8.12	211.77	0.29
816.00	0.26	193.22	815.96	-6.91	-4.28	-6.91	8.13	211.76	0.38
817.00	0.27	193.88	816.96	-6.91	-4.28	-6.91	8.13	211.75	0.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
818.00	0.27	194.57	817.96	-6.92	-4.28	-6.92	8.13	211.74	0.43
819.00	0.27	195.20	818.96	-6.92	-4.28	-6.92	8.14	211.73	0.32
820.00	0.27	195.71	819.96	-6.93	-4.28	-6.93	8.14	211.72	0.26
821.00	0.27	196.15	820.96	-6.93	-4.28	-6.93	8.15	211.71	0.25
822.00	0.27	196.63	821.96	-6.94	-4.28	-6.94	8.15	211.70	0.26
823.00	0.27	197.35	822.96	-6.94	-4.29	-6.94	8.16	211.70	0.34
824.00	0.27	198.10	823.96	-6.94	-4.29	-6.94	8.16	211.69	0.35
825.00	0.26	198.90	824.96	-6.95	-4.29	-6.95	8.17	211.68	0.37
826.00	0.27	199.76	825.96	-6.95	-4.29	-6.95	8.17	211.67	0.49
827.00	0.27	200.61	826.96	-6.96	-4.29	-6.96	8.17	211.67	0.57
828.00	0.27	201.00	827.96	-6.96	-4.29	-6.96	8.18	211.66	0.48
829.00	0.26	201.39	828.96	-6.97	-4.29	-6.97	8.18	211.66	0.62
830.00	0.25	201.76	829.96	-6.97	-4.30	-6.97	8.19	211.65	0.71
831.00	0.25	202.16	830.96	-6.97	-4.30	-6.97	8.19	211.64	0.35
832.00	0.25	202.57	831.96	-6.98	-4.30	-6.98	8.20	211.64	0.19
833.00	0.25	203.16	832.96	-6.98	-4.30	-6.98	8.20	211.63	0.36
834.00	0.25	203.74	833.96	-6.99	-4.30	-6.99	8.21	211.63	0.41
835.00	0.24	204.12	834.96	-6.99	-4.30	-6.99	8.21	211.63	0.44
836.00	0.24	204.56	835.96	-6.99	-4.31	-6.99	8.21	211.62	0.48
837.00	0.23	205.30	836.96	-7.00	-4.31	-7.00	8.22	211.62	0.64
838.00	0.23	205.81	837.96	-7.00	-4.31	-7.00	8.22	211.62	0.37
839.00	0.23	206.22	838.96	-7.00	-4.31	-7.00	8.23	211.61	0.26
840.00	0.22	206.11	839.96	-7.01	-4.31	-7.01	8.23	211.61	0.61
841.00	0.21	205.91	840.96	-7.01	-4.32	-7.01	8.23	211.61	0.65
842.00	0.21	205.74	841.96	-7.02	-4.32	-7.02	8.24	211.61	0.59
843.00	0.20	205.65	842.96	-7.02	-4.32	-7.02	8.24	211.60	0.75
844.00	0.19	205.58	843.96	-7.02	-4.32	-7.02	8.24	211.60	0.77
845.00	0.18	205.15	844.96	-7.02	-4.32	-7.02	8.25	211.60	1.14
846.00	0.17	204.75	845.96	-7.03	-4.32	-7.03	8.25	211.60	1.12
847.00	0.16	204.53	846.96	-7.03	-4.32	-7.03	8.25	211.59	0.99
848.00	0.16	204.10	847.96	-7.03	-4.32	-7.03	8.26	211.59	0.48
849.00	0.15	203.61	848.96	-7.03	-4.33	-7.03	8.26	211.59	0.53
850.00	0.14	203.07	849.96	-7.04	-4.33	-7.04	8.26	211.59	0.79
851.00	0.13	202.46	850.96	-7.04	-4.33	-7.04	8.26	211.58	0.81
852.00	0.13	201.60	851.96	-7.04	-4.33	-7.04	8.27	211.58	0.87
853.00	0.12	200.24	852.95	-7.04	-4.33	-7.04	8.27	211.58	0.70
854.00	0.12	198.39	853.95	-7.05	-4.33	-7.05	8.27	211.58	0.56
855.00	0.11	197.31	854.95	-7.05	-4.33	-7.05	8.27	211.57	0.76
856.00	0.10	196.17	855.95	-7.05	-4.33	-7.05	8.27	211.57	0.66
857.00	0.10	194.91	856.95	-7.05	-4.33	-7.05	8.27	211.57	0.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
858.00	0.09	193.56	857.95	-7.05	-4.33	-7.05	8.28	211.56	0.50
859.00	0.09	191.99	858.95	-7.05	-4.33	-7.05	8.28	211.56	0.65
860.00	0.08	190.50	859.95	-7.06	-4.33	-7.06	8.28	211.55	0.54
861.00	0.08	189.04	860.95	-7.06	-4.33	-7.06	8.28	211.55	0.47
862.00	0.08	187.63	861.95	-7.06	-4.33	-7.06	8.28	211.55	0.26
863.00	0.08	186.44	862.95	-7.06	-4.33	-7.06	8.28	211.54	0.27
864.00	0.09	185.57	863.95	-7.06	-4.33	-7.06	8.28	211.54	0.30
865.00	0.09	184.68	864.95	-7.06	-4.33	-7.06	8.29	211.53	0.42
866.00	0.10	183.77	865.95	-7.06	-4.33	-7.06	8.29	211.53	0.60
867.00	0.10	182.52	866.95	-7.07	-4.33	-7.07	8.29	211.52	0.54
868.00	0.10	181.03	867.95	-7.07	-4.33	-7.07	8.29	211.52	0.52
869.00	0.11	180.48	868.95	-7.07	-4.33	-7.07	8.29	211.51	0.19
870.00	0.11	179.93	869.95	-7.07	-4.33	-7.07	8.29	211.50	0.19
871.00	0.12	179.63	870.95	-7.07	-4.33	-7.07	8.30	211.50	0.82
872.00	0.12	179.14	871.95	-7.08	-4.33	-7.08	8.30	211.49	0.84
873.00	0.13	178.29	872.95	-7.08	-4.33	-7.08	8.30	211.48	0.78
874.00	0.14	177.31	873.95	-7.08	-4.33	-7.08	8.30	211.47	0.84
875.00	0.15	176.24	874.95	-7.08	-4.33	-7.08	8.30	211.46	0.89
876.00	0.15	176.04	875.95	-7.08	-4.33	-7.08	8.31	211.45	0.41
877.00	0.16	175.91	876.95	-7.09	-4.33	-7.09	8.31	211.44	0.89
878.00	0.18	175.87	877.95	-7.09	-4.33	-7.09	8.31	211.43	1.62
879.00	0.19	175.24	878.95	-7.09	-4.33	-7.09	8.31	211.42	1.24
880.00	0.20	174.00	879.95	-7.10	-4.33	-7.10	8.32	211.40	0.92
881.00	0.20	173.41	880.95	-7.10	-4.33	-7.10	8.32	211.39	0.63
882.00	0.21	173.16	881.95	-7.10	-4.33	-7.10	8.32	211.37	0.64
883.00	0.22	173.30	882.95	-7.11	-4.33	-7.11	8.32	211.36	0.86
884.00	0.23	173.27	883.95	-7.11	-4.33	-7.11	8.33	211.34	0.65
885.00	0.23	173.06	884.95	-7.12	-4.33	-7.12	8.33	211.32	0.45
886.00	0.24	172.91	885.95	-7.12	-4.33	-7.12	8.33	211.31	0.91
887.00	0.25	172.91	886.95	-7.12	-4.33	-7.12	8.34	211.29	1.21
888.00	0.26	173.44	887.95	-7.13	-4.33	-7.13	8.34	211.27	1.15
889.00	0.27	173.68	888.95	-7.13	-4.33	-7.13	8.34	211.25	0.82
890.00	0.28	173.66	889.95	-7.14	-4.33	-7.14	8.35	211.23	0.50
891.00	0.28	173.33	890.95	-7.14	-4.33	-7.14	8.35	211.21	0.88
892.00	0.29	172.81	891.95	-7.15	-4.33	-7.15	8.36	211.19	1.14
893.00	0.31	172.63	892.95	-7.15	-4.33	-7.15	8.36	211.16	1.05
894.00	0.32	172.54	893.95	-7.16	-4.33	-7.16	8.36	211.14	1.03
895.00	0.33	172.26	894.95	-7.16	-4.32	-7.16	8.37	211.12	1.28
896.00	0.33	171.97	895.95	-7.17	-4.32	-7.17	8.37	211.09	0.62
897.00	0.34	171.68	896.95	-7.18	-4.32	-7.18	8.38	211.07	0.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
898.00	0.34	171.55	897.95	-7.18	-4.32	-7.18	8.38	211.04	0.90
899.00	0.36	171.49	898.95	-7.19	-4.32	-7.19	8.39	211.01	1.22
900.00	0.37	171.17	899.95	-7.19	-4.32	-7.19	8.39	210.99	1.30
901.00	0.38	171.08	900.95	-7.20	-4.32	-7.20	8.40	210.96	0.82
902.00	0.38	171.06	901.95	-7.21	-4.32	-7.21	8.40	210.93	0.70
903.00	0.40	171.20	902.95	-7.21	-4.32	-7.21	8.41	210.90	1.77
904.00	0.41	171.28	903.95	-7.22	-4.32	-7.22	8.41	210.87	0.93
905.00	0.41	171.31	904.95	-7.23	-4.31	-7.23	8.42	210.84	0.29
906.00	0.43	171.19	905.95	-7.23	-4.31	-7.23	8.42	210.81	1.28
907.00	0.44	171.13	906.95	-7.24	-4.31	-7.24	8.43	210.77	1.38
908.00	0.45	171.15	907.95	-7.25	-4.31	-7.25	8.44	210.74	1.03
909.00	0.45	171.31	908.95	-7.26	-4.31	-7.26	8.44	210.70	0.14
910.00	0.46	171.09	909.95	-7.27	-4.31	-7.27	8.45	210.67	0.65
911.00	0.47	170.52	910.95	-7.27	-4.31	-7.27	8.45	210.63	1.28
912.00	0.48	170.14	911.95	-7.28	-4.31	-7.28	8.46	210.60	1.23
913.00	0.49	169.81	912.95	-7.29	-4.30	-7.29	8.47	210.56	1.14
914.00	0.50	169.69	913.95	-7.30	-4.30	-7.30	8.47	210.52	0.74
915.00	0.51	169.71	914.95	-7.31	-4.30	-7.31	8.48	210.48	0.53
916.00	0.51	169.71	915.95	-7.32	-4.30	-7.32	8.49	210.44	0.69
917.00	0.52	169.63	916.95	-7.33	-4.30	-7.33	8.49	210.40	1.10
918.00	0.54	169.31	917.95	-7.33	-4.30	-7.33	8.50	210.36	1.21
919.00	0.55	168.98	918.95	-7.34	-4.29	-7.34	8.51	210.32	1.08
920.00	0.55	168.96	919.95	-7.35	-4.29	-7.35	8.51	210.28	0.59
921.00	0.56	168.81	920.95	-7.36	-4.29	-7.36	8.52	210.24	1.03
922.00	0.58	168.48	921.95	-7.37	-4.29	-7.37	8.53	210.19	1.71
923.00	0.59	167.93	922.95	-7.38	-4.29	-7.38	8.54	210.15	1.29
924.00	0.60	167.54	923.95	-7.39	-4.29	-7.39	8.54	210.10	1.18
925.00	0.61	167.38	924.95	-7.40	-4.28	-7.40	8.55	210.05	1.03
926.00	0.63	167.12	925.95	-7.41	-4.28	-7.41	8.56	210.00	2.04
927.00	0.65	166.54	926.95	-7.42	-4.28	-7.42	8.57	209.95	1.72
928.00	0.66	165.68	927.95	-7.44	-4.28	-7.44	8.58	209.90	1.46
929.00	0.67	164.82	928.95	-7.45	-4.27	-7.45	8.58	209.84	1.57
930.00	0.69	164.08	929.95	-7.46	-4.27	-7.46	8.59	209.79	1.70
931.00	0.70	163.57	930.95	-7.47	-4.27	-7.47	8.60	209.73	1.96
932.00	0.72	163.10	931.95	-7.48	-4.26	-7.48	8.61	209.67	2.01
933.00	0.74	162.66	932.95	-7.49	-4.26	-7.49	8.62	209.61	2.07
934.00	0.76	162.39	933.95	-7.51	-4.25	-7.51	8.63	209.54	1.59
935.00	0.77	161.94	934.95	-7.52	-4.25	-7.52	8.64	209.48	1.54
936.00	0.79	161.37	935.95	-7.53	-4.25	-7.53	8.65	209.41	1.53
937.00	0.81	160.53	936.95	-7.54	-4.24	-7.54	8.66	209.34	2.52

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
938.00	0.83	159.96	937.95	-7.56	-4.24	-7.56	8.66	209.27	2.08
939.00	0.84	159.68	938.95	-7.57	-4.23	-7.57	8.67	209.20	1.55
940.00	0.86	159.02	939.95	-7.59	-4.23	-7.59	8.68	209.12	1.74
941.00	0.87	158.43	940.95	-7.60	-4.22	-7.60	8.69	209.05	1.85
942.00	0.89	158.22	941.95	-7.61	-4.22	-7.61	8.70	208.97	2.10
943.00	0.91	157.85	942.95	-7.63	-4.21	-7.63	8.71	208.89	1.47
944.00	0.92	157.44	943.95	-7.64	-4.20	-7.64	8.72	208.81	1.41
945.00	0.94	156.95	944.95	-7.66	-4.20	-7.66	8.73	208.72	2.10
946.00	0.95	156.55	945.95	-7.67	-4.19	-7.67	8.74	208.64	1.57
947.00	0.97	156.16	946.95	-7.69	-4.18	-7.69	8.75	208.55	1.52
948.00	0.98	155.45	947.95	-7.70	-4.18	-7.70	8.76	208.46	1.94
949.00	0.99	155.09	948.95	-7.72	-4.17	-7.72	8.77	208.37	1.34
950.00	1.00	154.96	949.95	-7.74	-4.16	-7.74	8.78	208.28	0.99
951.00	1.02	154.78	950.95	-7.75	-4.15	-7.75	8.80	208.19	1.40
952.00	1.03	154.57	951.95	-7.77	-4.15	-7.77	8.81	208.09	1.69
953.00	1.05	154.33	952.95	-7.78	-4.14	-7.78	8.82	208.00	2.01
954.00	1.06	153.99	953.95	-7.80	-4.13	-7.80	8.83	207.90	1.06
955.00	1.07	153.72	954.95	-7.82	-4.12	-7.82	8.84	207.81	1.09
956.00	1.09	153.73	955.95	-7.83	-4.11	-7.83	8.85	207.71	1.39
957.00	1.10	153.65	956.95	-7.85	-4.11	-7.85	8.86	207.61	1.40
958.00	1.12	153.50	957.95	-7.87	-4.10	-7.87	8.87	207.51	1.63
959.00	1.14	153.17	958.95	-7.89	-4.09	-7.89	8.88	207.40	2.43
960.00	1.15	152.94	959.95	-7.90	-4.08	-7.90	8.90	207.30	1.25
961.00	1.16	152.76	960.95	-7.92	-4.07	-7.92	8.91	207.19	1.17
962.00	1.17	152.69	961.95	-7.94	-4.06	-7.94	8.92	207.09	1.00
963.00	1.19	152.70	962.95	-7.96	-4.05	-7.96	8.93	206.98	1.55
964.00	1.21	152.76	963.95	-7.98	-4.04	-7.98	8.94	206.87	2.12
965.00	1.23	152.60	964.95	-8.00	-4.03	-8.00	8.96	206.76	2.21
966.00	1.25	152.49	965.95	-8.02	-4.02	-8.02	8.97	206.65	2.19
967.00	1.27	152.41	966.95	-8.04	-4.01	-8.04	8.98	206.53	2.21
968.00	1.30	152.26	967.95	-8.06	-4.00	-8.06	8.99	206.42	2.43
969.00	1.32	152.31	968.95	-8.08	-3.99	-8.08	9.01	206.30	2.10
970.00	1.34	152.50	969.95	-8.10	-3.98	-8.10	9.02	206.18	1.94
971.00	1.37	152.27	970.95	-8.12	-3.97	-8.12	9.04	206.06	3.06
972.00	1.40	152.17	971.95	-8.14	-3.96	-8.14	9.05	205.94	2.75
973.00	1.42	152.21	972.95	-8.16	-3.95	-8.16	9.06	205.81	2.60
974.00	1.46	152.63	973.95	-8.18	-3.94	-8.18	9.08	205.68	3.60
975.00	1.48	152.87	974.95	-8.20	-3.92	-8.20	9.09	205.56	2.53
976.00	1.50	153.03	975.95	-8.23	-3.91	-8.23	9.11	205.43	2.07
977.00	1.53	152.99	976.94	-8.25	-3.90	-8.25	9.13	205.29	2.58

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
978.00	1.55	152.94	977.94	-8.28	-3.89	-8.28	9.14	205.16	2.85
979.00	1.60	153.14	978.94	-8.30	-3.87	-8.30	9.16	205.03	4.07
980.00	1.62	153.48	979.94	-8.33	-3.86	-8.33	9.18	204.89	3.03
981.00	1.65	153.74	980.94	-8.35	-3.85	-8.35	9.20	204.75	2.52
982.00	1.67	153.73	981.94	-8.38	-3.84	-8.38	9.21	204.61	2.00
983.00	1.70	153.82	982.94	-8.40	-3.82	-8.40	9.23	204.47	3.21
984.00	1.76	154.42	983.94	-8.43	-3.81	-8.43	9.25	204.32	6.45
985.00	1.82	154.77	984.94	-8.46	-3.80	-8.46	9.27	204.18	6.36
986.00	1.86	154.75	985.94	-8.49	-3.78	-8.49	9.29	204.03	3.67
987.00	1.91	155.08	986.94	-8.52	-3.77	-8.52	9.31	203.87	5.20
988.00	1.95	155.12	987.94	-8.55	-3.76	-8.55	9.34	203.72	4.03
989.00	2.00	155.24	988.94	-8.58	-3.74	-8.58	9.36	203.56	4.35
990.00	2.04	155.38	989.94	-8.61	-3.73	-8.61	9.38	203.40	4.40
991.00	2.06	155.37	990.94	-8.64	-3.71	-8.64	9.41	203.24	2.53
992.00	2.08	155.61	991.94	-8.68	-3.70	-8.68	9.43	203.07	2.09
993.00	2.09	155.65	992.94	-8.71	-3.68	-8.71	9.46	202.91	0.23
994.00	2.09	155.68	993.94	-8.74	-3.67	-8.74	9.48	202.75	0.23
995.00	2.09	155.72	994.94	-8.78	-3.65	-8.78	9.51	202.59	0.23
996.00	2.09	155.76	995.93	-8.81	-3.64	-8.81	9.53	202.43	0.23
997.00	2.09	155.80	996.93	-8.84	-3.62	-8.84	9.56	202.27	0.23
998.00	2.10	155.85	997.93	-8.88	-3.61	-8.88	9.58	202.11	0.33
999.00	2.10	155.95	998.93	-8.91	-3.59	-8.91	9.61	201.95	0.78
1000.00	2.11	156.05	999.93	-8.94	-3.58	-8.94	9.63	201.80	0.78
1001.00	2.13	157.65	1000.93	-8.98	-3.56	-8.98	9.66	201.64	6.26
1002.00	2.17	157.66	1001.93	-9.01	-3.55	-9.01	9.68	201.49	3.72
1003.00	2.19	157.70	1002.93	-9.05	-3.53	-9.05	9.71	201.33	1.99
1004.00	2.21	157.75	1003.93	-9.08	-3.52	-9.08	9.74	201.18	2.72
1005.00	2.24	157.75	1004.93	-9.12	-3.50	-9.12	9.77	201.02	2.75
1006.00	2.27	157.72	1005.93	-9.15	-3.49	-9.15	9.80	200.86	2.71
1007.00	2.30	157.71	1006.93	-9.19	-3.47	-9.19	9.83	200.70	3.48
1008.00	2.34	157.73	1007.93	-9.23	-3.46	-9.23	9.86	200.54	3.66
1009.00	2.37	157.77	1008.93	-9.27	-3.44	-9.27	9.89	200.38	3.52
1010.00	2.41	157.86	1009.92	-9.31	-3.43	-9.31	9.92	200.22	3.17
1011.00	2.43	157.97	1010.92	-9.34	-3.41	-9.34	9.95	200.05	2.59
1012.00	2.46	158.08	1011.92	-9.38	-3.40	-9.38	9.98	199.89	3.40
1013.00	2.50	158.24	1012.92	-9.42	-3.38	-9.42	10.01	199.73	3.59
1014.00	2.52	158.29	1013.92	-9.47	-3.36	-9.47	10.04	199.56	2.13
1015.00	2.56	158.47	1014.92	-9.51	-3.35	-9.51	10.08	199.39	3.66
1016.00	2.59	158.55	1015.92	-9.55	-3.33	-9.55	10.11	199.23	3.53
1017.00	2.62	158.61	1016.92	-9.59	-3.31	-9.59	10.15	199.06	3.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1018.00	2.65	158.72	1017.92	-9.63	-3.30	-9.63	10.18	198.89	3.14
1019.00	2.69	158.84	1018.92	-9.68	-3.28	-9.68	10.22	198.72	3.35
1020.00	2.72	158.94	1019.91	-9.72	-3.26	-9.72	10.25	198.56	3.80
1021.00	2.76	159.02	1020.91	-9.77	-3.25	-9.77	10.29	198.39	4.06
1022.00	2.80	159.04	1021.91	-9.81	-3.23	-9.81	10.33	198.21	3.52
1023.00	2.84	159.17	1022.91	-9.86	-3.21	-9.86	10.37	198.04	3.59
1024.00	2.87	159.25	1023.91	-9.90	-3.19	-9.90	10.41	197.87	3.21
1025.00	2.90	159.25	1024.91	-9.95	-3.18	-9.95	10.44	197.70	3.52
1026.00	2.94	159.35	1025.91	-10.00	-3.16	-10.00	10.48	197.53	3.46
1027.00	2.98	159.45	1026.91	-10.05	-3.14	-10.05	10.53	197.35	3.92
1028.00	3.00	159.48	1027.90	-10.10	-3.12	-10.10	10.57	197.18	2.81
1029.00	3.03	159.51	1028.90	-10.14	-3.10	-10.14	10.61	197.01	2.79
1030.00	3.07	159.69	1029.90	-10.19	-3.08	-10.19	10.65	196.83	4.47
1031.00	3.11	159.64	1030.90	-10.24	-3.07	-10.24	10.69	196.66	3.49
1032.00	3.14	159.70	1031.90	-10.30	-3.05	-10.30	10.74	196.48	3.13
1033.00	3.17	159.83	1032.90	-10.35	-3.03	-10.35	10.78	196.31	2.53
1034.00	3.19	159.80	1033.90	-10.40	-3.01	-10.40	10.83	196.13	2.41
1035.00	3.21	159.80	1034.89	-10.45	-2.99	-10.45	10.87	195.96	2.24
1036.00	3.24	159.87	1035.89	-10.50	-2.97	-10.50	10.92	195.78	2.39
1037.00	3.26	159.93	1036.89	-10.56	-2.95	-10.56	10.96	195.61	2.41
1038.00	3.28	159.90	1037.89	-10.61	-2.93	-10.61	11.01	195.44	2.31
1039.00	3.30	159.92	1038.89	-10.67	-2.91	-10.67	11.06	195.26	1.94
1040.00	3.32	159.98	1039.89	-10.72	-2.89	-10.72	11.10	195.09	1.58
1041.00	3.33	160.05	1040.88	-10.77	-2.87	-10.77	11.15	194.92	1.68
1042.00	3.35	160.10	1041.88	-10.83	-2.85	-10.83	11.20	194.75	1.52
1043.00	3.36	160.15	1042.88	-10.88	-2.83	-10.88	11.25	194.58	1.30
1044.00	3.38	160.18	1043.88	-10.94	-2.81	-10.94	11.29	194.41	1.47
1045.00	3.39	160.14	1044.88	-10.99	-2.79	-10.99	11.34	194.25	1.51
1046.00	3.40	160.18	1045.88	-11.05	-2.77	-11.05	11.39	194.08	1.30
1047.00	3.41	160.21	1046.87	-11.11	-2.75	-11.11	11.44	193.91	0.74
1048.00	3.42	160.25	1047.87	-11.16	-2.73	-11.16	11.49	193.75	0.96
1049.00	3.43	160.27	1048.87	-11.22	-2.71	-11.22	11.54	193.58	0.74
1050.00	3.43	160.32	1049.87	-11.28	-2.69	-11.28	11.59	193.42	0.75
1051.00	3.44	160.35	1050.87	-11.33	-2.67	-11.33	11.64	193.26	0.84
1052.00	3.45	160.41	1051.86	-11.39	-2.65	-11.39	11.69	193.10	0.78
1053.00	3.46	160.48	1052.86	-11.45	-2.63	-11.45	11.74	192.94	0.90
1054.00	3.46	160.54	1053.86	-11.50	-2.61	-11.50	11.79	192.79	0.84
1055.00	3.47	160.59	1054.86	-11.56	-2.59	-11.56	11.85	192.63	0.60
1056.00	3.48	160.63	1055.86	-11.62	-2.57	-11.62	11.90	192.47	0.68
1057.00	3.48	160.66	1056.86	-11.67	-2.55	-11.67	11.95	192.32	0.46

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1058.00	3.49	160.70	1057.85	-11.73	-2.53	-11.73	12.00	192.17	0.68
1059.00	3.49	160.74	1058.85	-11.79	-2.51	-11.79	12.05	192.02	0.78
1060.00	3.50	160.80	1059.85	-11.85	-2.49	-11.85	12.10	191.87	0.88
1061.00	3.51	160.78	1060.85	-11.90	-2.47	-11.90	12.16	191.72	0.71
1062.00	3.52	160.80	1061.85	-11.96	-2.45	-11.96	12.21	191.57	0.76
1063.00	3.53	160.81	1062.84	-12.02	-2.43	-12.02	12.26	191.42	1.27
1064.00	3.54	160.88	1063.84	-12.08	-2.41	-12.08	12.32	191.28	0.94
1065.00	3.55	160.90	1064.84	-12.14	-2.39	-12.14	12.37	191.13	0.96
1066.00	3.55	160.92	1065.84	-12.19	-2.37	-12.19	12.42	190.99	0.60
1067.00	3.57	160.94	1066.84	-12.25	-2.35	-12.25	12.48	190.85	1.51
1068.00	3.58	161.05	1067.83	-12.31	-2.33	-12.31	12.53	190.71	1.23
1069.00	3.59	161.03	1068.83	-12.37	-2.31	-12.37	12.58	190.56	1.29
1070.00	3.60	161.08	1069.83	-12.43	-2.29	-12.43	12.64	190.42	0.83
1071.00	3.61	161.13	1070.83	-12.49	-2.27	-12.49	12.69	190.29	1.55
1072.00	3.62	161.17	1071.83	-12.55	-2.25	-12.55	12.75	190.15	0.93
1073.00	3.64	161.18	1072.82	-12.61	-2.23	-12.61	12.80	190.01	1.70
1074.00	3.65	161.19	1073.82	-12.67	-2.21	-12.67	12.86	189.87	0.70
1075.00	3.66	161.25	1074.82	-12.73	-2.18	-12.73	12.92	189.74	1.49
1076.00	3.67	161.25	1075.82	-12.79	-2.16	-12.79	12.97	189.60	0.99
1077.00	3.69	161.29	1076.82	-12.85	-2.14	-12.85	13.03	189.47	1.99
1078.00	3.70	161.30	1077.81	-12.91	-2.12	-12.91	13.09	189.34	0.88
1079.00	3.71	161.34	1078.81	-12.97	-2.10	-12.97	13.14	189.20	1.31
1080.00	3.72	161.33	1079.81	-13.04	-2.08	-13.04	13.20	189.07	1.08
1081.00	3.73	161.36	1080.81	-13.10	-2.06	-13.10	13.26	188.94	1.11
1082.00	3.75	161.39	1081.81	-13.16	-2.04	-13.16	13.32	188.81	1.38
1083.00	3.76	161.41	1082.80	-13.22	-2.02	-13.22	13.37	188.68	1.03
1084.00	3.77	161.39	1083.80	-13.28	-2.00	-13.28	13.43	188.55	0.83
1085.00	3.78	161.41	1084.80	-13.35	-1.98	-13.35	13.49	188.43	1.26
1086.00	3.79	161.43	1085.80	-13.41	-1.96	-13.41	13.55	188.30	1.08
1087.00	3.80	161.44	1086.80	-13.47	-1.93	-13.47	13.61	188.17	0.76
1088.00	3.80	161.40	1087.79	-13.53	-1.91	-13.53	13.67	188.05	0.70
1089.00	3.81	161.39	1088.79	-13.60	-1.89	-13.60	13.73	187.92	0.74
1090.00	3.82	161.41	1089.79	-13.66	-1.87	-13.66	13.79	187.80	0.65
1091.00	3.83	161.41	1090.79	-13.72	-1.85	-13.72	13.85	187.68	0.91
1092.00	3.84	161.41	1091.78	-13.79	-1.83	-13.79	13.91	187.56	0.90
1093.00	3.84	161.40	1092.78	-13.85	-1.81	-13.85	13.97	187.44	0.88
1094.00	3.85	161.37	1093.78	-13.91	-1.79	-13.91	14.03	187.31	0.98
1095.00	3.86	161.35	1094.78	-13.98	-1.76	-13.98	14.09	187.19	1.03
1096.00	3.87	161.33	1095.78	-14.04	-1.74	-14.04	14.15	187.08	0.80
1097.00	3.88	161.31	1096.77	-14.10	-1.72	-14.10	14.21	186.96	0.99

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1098.00	3.89	161.29	1097.77	-14.17	-1.70	-14.17	14.27	186.84	1.13
1099.00	3.90	161.29	1098.77	-14.23	-1.68	-14.23	14.33	186.72	0.97
1100.00	3.92	161.29	1099.77	-14.30	-1.66	-14.30	14.39	186.61	1.94
1101.00	3.94	161.24	1100.76	-14.36	-1.63	-14.36	14.46	186.49	1.34
1102.00	3.96	161.17	1101.76	-14.43	-1.61	-14.43	14.52	186.37	2.16
1103.00	3.98	161.22	1102.76	-14.49	-1.59	-14.49	14.58	186.26	1.93
1104.00	3.99	161.23	1103.76	-14.56	-1.57	-14.56	14.64	186.14	1.79
1105.00	4.01	161.21	1104.75	-14.63	-1.54	-14.63	14.71	186.03	1.84
1106.00	4.03	161.13	1105.75	-14.69	-1.52	-14.69	14.77	185.91	1.96
1107.00	4.05	161.15	1106.75	-14.76	-1.50	-14.76	14.83	185.80	2.19
1108.00	4.08	161.09	1107.75	-14.83	-1.48	-14.83	14.90	185.69	3.18
1109.00	4.12	161.06	1108.74	-14.89	-1.45	-14.89	14.96	185.57	3.21
1110.00	4.15	161.03	1109.74	-14.96	-1.43	-14.96	15.03	185.46	3.34
1111.00	4.18	161.02	1110.74	-15.03	-1.41	-15.03	15.10	185.34	2.89
1112.00	4.20	161.00	1111.74	-15.10	-1.38	-15.10	15.16	185.23	2.69
1113.00	4.24	160.94	1112.73	-15.17	-1.36	-15.17	15.23	185.12	3.36
1114.00	4.27	160.95	1113.73	-15.24	-1.33	-15.24	15.30	185.00	3.55
1115.00	4.30	160.90	1114.73	-15.31	-1.31	-15.31	15.37	184.89	2.73
1116.00	4.33	160.89	1115.73	-15.38	-1.28	-15.38	15.43	184.78	3.08
1117.00	4.37	160.86	1116.72	-15.45	-1.26	-15.45	15.50	184.66	3.39
1118.00	4.40	160.85	1117.72	-15.52	-1.23	-15.52	15.57	184.55	3.69
1119.00	4.44	160.84	1118.72	-15.60	-1.21	-15.60	15.64	184.43	3.57
1120.00	4.47	160.81	1119.71	-15.67	-1.18	-15.67	15.72	184.32	3.27
1121.00	4.50	160.79	1120.71	-15.74	-1.16	-15.74	15.79	184.21	3.01
1122.00	4.53	160.82	1121.71	-15.82	-1.13	-15.82	15.86	184.10	2.93
1123.00	4.55	160.75	1122.70	-15.89	-1.11	-15.89	15.93	183.98	2.48
1124.00	4.58	160.75	1123.70	-15.97	-1.08	-15.97	16.01	183.87	2.63
1125.00	4.61	160.74	1124.70	-16.04	-1.05	-16.04	16.08	183.76	2.95
1126.00	4.63	160.70	1125.69	-16.12	-1.03	-16.12	16.15	183.65	2.55
1127.00	4.66	160.69	1126.69	-16.20	-1.00	-16.20	16.23	183.53	2.23
1128.00	4.68	160.66	1127.69	-16.27	-0.97	-16.27	16.30	183.42	2.30
1129.00	4.69	160.59	1128.68	-16.35	-0.95	-16.35	16.38	183.31	1.43
1130.00	4.71	160.57	1129.68	-16.43	-0.92	-16.43	16.45	183.20	1.61
1131.00	4.72	160.52	1130.68	-16.51	-0.89	-16.51	16.53	183.09	1.63
1132.00	4.74	160.48	1131.67	-16.58	-0.86	-16.58	16.61	182.98	1.43
1133.00	4.75	160.47	1132.67	-16.66	-0.84	-16.66	16.68	182.87	1.20
1134.00	4.76	160.43	1133.67	-16.74	-0.81	-16.74	16.76	182.77	1.16
1135.00	4.77	160.38	1134.66	-16.82	-0.78	-16.82	16.84	182.66	1.15
1136.00	4.78	160.33	1135.66	-16.90	-0.75	-16.90	16.91	182.55	1.15
1137.00	4.80	160.30	1136.66	-16.97	-0.72	-16.97	16.99	182.45	1.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1138.00	4.80	160.29	1137.65	-17.05	-0.70	-17.05	17.07	182.34	0.67
1139.00	4.81	160.25	1138.65	-17.13	-0.67	-17.13	17.15	182.23	1.01
1140.00	4.83	160.18	1139.65	-17.21	-0.64	-17.21	17.22	182.13	1.47
1141.00	4.84	160.17	1140.64	-17.29	-0.61	-17.29	17.30	182.02	1.02
1142.00	4.85	160.05	1141.64	-17.37	-0.58	-17.37	17.38	181.92	1.95
1143.00	4.87	159.99	1142.64	-17.45	-0.55	-17.45	17.46	181.82	1.99
1144.00	4.88	159.98	1143.63	-17.53	-0.52	-17.53	17.54	181.71	1.13
1145.00	4.90	159.93	1144.63	-17.61	-0.50	-17.61	17.62	181.61	1.32
1146.00	4.91	159.88	1145.62	-17.69	-0.47	-17.69	17.70	181.51	1.48
1147.00	4.92	159.85	1146.62	-17.77	-0.44	-17.77	17.78	181.41	1.47
1148.00	4.94	159.86	1147.62	-17.85	-0.41	-17.85	17.86	181.31	1.20
1149.00	4.95	159.78	1148.61	-17.93	-0.38	-17.93	17.94	181.20	1.50
1150.00	4.96	159.69	1149.61	-18.01	-0.35	-18.01	18.02	181.10	1.62
1151.00	4.98	159.61	1150.61	-18.09	-0.32	-18.09	18.10	181.00	1.68
1152.00	4.99	159.59	1151.60	-18.18	-0.29	-18.18	18.18	180.90	1.51
1153.00	5.01	159.52	1152.60	-18.26	-0.26	-18.26	18.26	180.80	2.10
1154.00	5.03	159.42	1153.59	-18.34	-0.23	-18.34	18.34	180.70	2.09
1155.00	5.05	159.34	1154.59	-18.42	-0.19	-18.42	18.42	180.61	1.43
1156.00	5.06	159.29	1155.59	-18.50	-0.16	-18.50	18.50	180.51	1.81
1157.00	5.08	159.24	1156.58	-18.59	-0.13	-18.59	18.59	180.41	1.94
1158.00	5.10	159.18	1157.58	-18.67	-0.10	-18.67	18.67	180.31	2.07
1159.00	5.12	159.14	1158.58	-18.75	-0.07	-18.75	18.75	180.21	1.43
1160.00	5.13	159.06	1159.57	-18.84	-0.04	-18.84	18.84	180.11	1.60
1161.00	5.15	158.97	1160.57	-18.92	-0.01	-18.92	18.92	180.02	1.75
1162.00	5.16	158.93	1161.56	-19.00	0.03	-19.00	19.00	179.92	1.68
1163.00	5.18	158.92	1162.56	-19.09	0.06	-19.09	19.09	179.82	1.70
1164.00	5.20	158.88	1163.55	-19.17	0.09	-19.17	19.17	179.72	1.85
1165.00	5.22	158.74	1164.55	-19.26	0.12	-19.26	19.26	179.63	2.52
1166.00	5.23	158.70	1165.55	-19.34	0.16	-19.34	19.34	179.53	1.60
1167.00	5.25	158.69	1166.54	-19.43	0.19	-19.43	19.43	179.44	1.83
1168.00	5.27	158.71	1167.54	-19.51	0.22	-19.51	19.51	179.34	2.05
1169.00	5.28	158.62	1168.53	-19.60	0.26	-19.60	19.60	179.25	1.37
1170.00	5.30	158.52	1169.53	-19.68	0.29	-19.68	19.69	179.15	1.51
1171.00	5.31	158.46	1170.53	-19.77	0.33	-19.77	19.77	179.06	1.30
1172.00	5.32	158.48	1171.52	-19.86	0.36	-19.86	19.86	178.96	0.94
1173.00	5.32	158.43	1172.52	-19.94	0.39	-19.94	19.95	178.87	0.85
1174.00	5.33	158.36	1173.51	-20.03	0.43	-20.03	20.03	178.78	1.29
1175.00	5.35	158.30	1174.51	-20.12	0.46	-20.12	20.12	178.68	1.60
1176.00	5.37	158.32	1175.50	-20.20	0.50	-20.20	20.21	178.59	1.65
1177.00	5.38	158.29	1176.50	-20.29	0.53	-20.29	20.30	178.50	1.12

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1178.00	5.39	158.24	1177.49	-20.38	0.57	-20.38	20.38	178.41	1.19
1179.00	5.41	158.17	1178.49	-20.46	0.60	-20.46	20.47	178.32	1.84
1180.00	5.41	158.13	1179.49	-20.55	0.64	-20.55	20.56	178.23	0.67
1181.00	5.42	158.11	1180.48	-20.64	0.67	-20.64	20.65	178.14	0.60
1182.00	5.42	158.08	1181.48	-20.73	0.71	-20.73	20.74	178.05	0.86
1183.00	5.43	157.99	1182.47	-20.81	0.74	-20.81	20.83	177.96	1.28
1184.00	5.45	157.91	1183.47	-20.90	0.78	-20.90	20.92	177.87	1.40
1185.00	5.46	157.83	1184.46	-20.99	0.81	-20.99	21.01	177.78	1.53
1186.00	5.47	157.83	1185.46	-21.08	0.85	-21.08	21.10	177.69	1.52
1187.00	5.49	157.77	1186.45	-21.17	0.89	-21.17	21.19	177.61	1.76
1188.00	5.51	157.64	1187.45	-21.26	0.92	-21.26	21.28	177.52	2.35
1189.00	5.54	157.56	1188.45	-21.34	0.96	-21.34	21.37	177.43	2.50
1190.00	5.56	157.43	1189.44	-21.43	1.00	-21.43	21.46	177.34	2.38
1191.00	5.57	157.33	1190.44	-21.52	1.03	-21.52	21.55	177.25	2.06
1192.00	5.59	157.25	1191.43	-21.61	1.07	-21.61	21.64	177.17	1.74
1193.00	5.62	157.13	1192.43	-21.70	1.11	-21.70	21.73	177.08	2.98
1194.00	5.64	157.02	1193.42	-21.79	1.15	-21.79	21.82	176.99	2.20
1195.00	5.66	156.92	1194.42	-21.88	1.18	-21.88	21.92	176.90	2.17
1196.00	5.68	156.79	1195.41	-21.97	1.22	-21.97	22.01	176.81	2.82
1197.00	5.71	156.67	1196.41	-22.07	1.26	-22.07	22.10	176.72	2.88
1198.00	5.73	156.57	1197.40	-22.16	1.30	-22.16	22.20	176.64	2.71
1199.00	5.76	156.51	1198.40	-22.25	1.34	-22.25	22.29	176.55	2.49
1200.00	5.78	156.38	1199.39	-22.34	1.38	-22.34	22.38	176.46	2.61
1201.00	5.80	156.25	1200.39	-22.43	1.42	-22.43	22.48	176.37	2.68
1202.00	5.82	156.11	1201.38	-22.53	1.46	-22.53	22.57	176.28	2.71
1203.00	5.86	156.06	1202.38	-22.62	1.50	-22.62	22.67	176.19	3.23
1204.00	5.88	155.99	1203.37	-22.71	1.55	-22.71	22.76	176.10	2.09
1205.00	5.89	155.91	1204.37	-22.81	1.59	-22.81	22.86	176.02	1.83
1206.00	5.92	155.75	1205.36	-22.90	1.63	-22.90	22.96	175.93	3.20
1207.00	5.95	155.69	1206.36	-22.99	1.67	-22.99	23.05	175.84	2.65
1208.00	5.97	155.64	1207.35	-23.09	1.72	-23.09	23.15	175.75	2.06
1209.00	5.98	155.58	1208.34	-23.18	1.76	-23.18	23.25	175.66	1.63
1210.00	6.00	155.46	1209.34	-23.28	1.80	-23.28	23.35	175.57	2.53
1211.00	6.03	155.40	1210.33	-23.37	1.85	-23.37	23.45	175.49	2.44
1212.00	6.05	155.36	1211.33	-23.47	1.89	-23.47	23.55	175.40	2.28
1213.00	6.06	155.30	1212.32	-23.57	1.93	-23.57	23.64	175.31	1.61
1214.00	6.08	155.21	1213.32	-23.66	1.98	-23.66	23.74	175.22	1.59
1215.00	6.09	155.14	1214.31	-23.76	2.02	-23.76	23.84	175.14	1.52
1216.00	6.11	155.14	1215.31	-23.85	2.07	-23.85	23.94	175.05	1.65
1217.00	6.12	155.15	1216.30	-23.95	2.11	-23.95	24.04	174.96	1.49

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1218.00	6.13	155.10	1217.29	-24.05	2.16	-24.05	24.14	174.88	1.14
1219.00	6.14	155.02	1218.29	-24.14	2.20	-24.14	24.24	174.79	1.14
1220.00	6.15	154.99	1219.28	-24.24	2.25	-24.24	24.35	174.71	1.23
1221.00	6.16	154.99	1220.28	-24.34	2.29	-24.34	24.45	174.62	1.10
1222.00	6.17	154.99	1221.27	-24.44	2.34	-24.44	24.55	174.54	1.06
1223.00	6.18	154.95	1222.27	-24.53	2.38	-24.53	24.65	174.45	1.16
1224.00	6.19	154.88	1223.26	-24.63	2.43	-24.63	24.75	174.37	1.21
1225.00	6.20	154.84	1224.25	-24.73	2.47	-24.73	24.85	174.29	0.95
1226.00	6.21	154.86	1225.25	-24.83	2.52	-24.83	24.95	174.20	0.68
1227.00	6.22	154.87	1226.24	-24.92	2.57	-24.92	25.06	174.12	0.81
1228.00	6.23	154.84	1227.24	-25.02	2.61	-25.02	25.16	174.04	0.91
1229.00	6.23	154.78	1228.23	-25.12	2.66	-25.12	25.26	173.96	1.12
1230.00	6.25	154.75	1229.22	-25.22	2.70	-25.22	25.36	173.88	1.15
1231.00	6.26	154.72	1230.22	-25.32	2.75	-25.32	25.47	173.80	1.09
1232.00	6.26	154.68	1231.21	-25.42	2.80	-25.42	25.57	173.72	0.96
1233.00	6.27	154.65	1232.21	-25.51	2.84	-25.51	25.67	173.64	0.77
1234.00	6.28	154.61	1233.20	-25.61	2.89	-25.61	25.78	173.56	1.22
1235.00	6.29	154.58	1234.19	-25.71	2.94	-25.71	25.88	173.48	1.29
1236.00	6.30	154.53	1235.19	-25.81	2.99	-25.81	25.98	173.40	0.96
1237.00	6.31	154.50	1236.18	-25.91	3.03	-25.91	26.09	173.32	0.81
1238.00	6.32	154.49	1237.18	-26.01	3.08	-26.01	26.19	173.25	0.79
1239.00	6.33	154.47	1238.17	-26.11	3.13	-26.11	26.30	173.17	0.81
1240.00	6.34	154.40	1239.16	-26.21	3.18	-26.21	26.40	173.09	1.22
1241.00	6.35	154.35	1240.16	-26.31	3.22	-26.31	26.51	173.02	1.11
1242.00	6.35	154.32	1241.15	-26.41	3.27	-26.41	26.61	172.94	1.03
1243.00	6.37	154.31	1242.15	-26.51	3.32	-26.51	26.71	172.86	1.33
1244.00	6.38	154.24	1243.14	-26.61	3.37	-26.61	26.82	172.79	1.42
1245.00	6.39	154.17	1244.13	-26.71	3.42	-26.71	26.93	172.71	1.34
1246.00	6.40	154.14	1245.13	-26.81	3.46	-26.81	27.03	172.64	1.07
1247.00	6.41	154.17	1246.12	-26.91	3.51	-26.91	27.14	172.56	0.87
1248.00	6.42	154.17	1247.11	-27.01	3.56	-27.01	27.24	172.49	0.99
1249.00	6.43	154.13	1248.11	-27.11	3.61	-27.11	27.35	172.41	1.20
1250.00	6.44	154.06	1249.10	-27.21	3.66	-27.21	27.46	172.34	0.91
1251.00	6.44	154.03	1250.10	-27.31	3.71	-27.31	27.56	172.27	0.68
1252.00	6.45	154.02	1251.09	-27.41	3.76	-27.41	27.67	172.20	0.69
1253.00	6.46	154.01	1252.08	-27.51	3.81	-27.51	27.78	172.12	0.75
1254.00	6.47	153.99	1253.08	-27.61	3.86	-27.61	27.88	172.05	1.05
1255.00	6.48	153.96	1254.07	-27.72	3.91	-27.72	27.99	171.98	1.34
1256.00	6.49	153.96	1255.06	-27.82	3.96	-27.82	28.10	171.91	1.28
1257.00	6.50	153.99	1256.06	-27.92	4.00	-27.92	28.20	171.84	1.35

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1258.00	6.51	154.01	1257.05	-28.02	4.05	-28.02	28.31	171.77	0.87
1259.00	6.52	154.00	1258.04	-28.12	4.10	-28.12	28.42	171.70	0.38
1260.00	6.52	153.97	1259.04	-28.22	4.15	-28.22	28.53	171.63	0.38
1261.00	6.52	153.96	1260.03	-28.33	4.20	-28.33	28.64	171.56	0.16
1262.00	6.52	153.98	1261.02	-28.43	4.25	-28.43	28.75	171.49	0.36
1263.00	6.53	154.01	1262.02	-28.53	4.30	-28.53	28.85	171.42	0.84
1264.00	6.54	154.01	1263.01	-28.63	4.35	-28.63	28.96	171.36	1.38
1265.00	6.56	153.99	1264.01	-28.74	4.40	-28.74	29.07	171.29	1.68
1266.00	6.58	153.97	1265.00	-28.84	4.45	-28.84	29.18	171.22	2.17
1267.00	6.59	153.99	1265.99	-28.94	4.50	-28.94	29.29	171.15	1.28
1268.00	6.61	153.99	1266.99	-29.05	4.55	-29.05	29.40	171.09	1.31
1269.00	6.62	153.99	1267.98	-29.15	4.60	-29.15	29.51	171.02	1.13
1270.00	6.62	153.99	1268.97	-29.25	4.66	-29.25	29.62	170.96	0.22
1271.00	6.62	153.96	1269.97	-29.36	4.71	-29.36	29.73	170.89	0.54
1272.00	6.63	153.94	1270.96	-29.46	4.76	-29.46	29.84	170.83	0.82
1273.00	6.65	153.95	1271.95	-29.56	4.81	-29.56	29.95	170.76	1.78
1274.00	6.67	153.97	1272.95	-29.67	4.86	-29.67	30.06	170.70	1.57
1275.00	6.68	153.95	1273.94	-29.77	4.91	-29.77	30.17	170.64	1.93
1276.00	6.71	153.90	1274.93	-29.88	4.96	-29.88	30.29	170.57	2.50
1277.00	6.74	153.92	1275.92	-29.98	5.01	-29.98	30.40	170.51	3.52
1278.00	6.76	153.93	1276.92	-30.09	5.06	-30.09	30.51	170.45	1.50
1279.00	6.77	153.90	1277.91	-30.19	5.12	-30.19	30.62	170.38	1.33
1280.00	6.78	153.84	1278.90	-30.30	5.17	-30.30	30.74	170.32	1.31
1281.00	6.79	153.84	1279.90	-30.41	5.22	-30.41	30.85	170.26	1.04
1282.00	6.81	153.84	1280.89	-30.51	5.27	-30.51	30.96	170.20	1.37
1283.00	6.83	153.83	1281.88	-30.62	5.32	-30.62	31.08	170.14	1.89
1284.00	6.85	153.78	1282.88	-30.72	5.38	-30.72	31.19	170.07	2.20
1285.00	6.87	153.76	1283.87	-30.83	5.43	-30.83	31.31	170.01	2.39
1286.00	6.90	153.75	1284.86	-30.94	5.48	-30.94	31.42	169.95	2.60
1287.00	6.93	153.72	1285.85	-31.05	5.54	-31.05	31.54	169.89	3.56
1288.00	6.95	153.70	1286.85	-31.16	5.59	-31.16	31.65	169.83	1.90
1289.00	6.97	153.68	1287.84	-31.26	5.64	-31.26	31.77	169.77	1.94
1290.00	6.99	153.69	1288.83	-31.37	5.70	-31.37	31.89	169.71	1.97
1291.00	7.00	153.68	1289.82	-31.48	5.75	-31.48	32.00	169.65	1.48
1292.00	7.02	153.63	1290.82	-31.59	5.80	-31.59	32.12	169.59	1.38
1293.00	7.03	153.58	1291.81	-31.70	5.86	-31.70	32.24	169.53	1.38
1294.00	7.05	153.65	1292.80	-31.81	5.91	-31.81	32.36	169.47	2.31
1295.00	7.07	153.69	1293.79	-31.92	5.97	-31.92	32.47	169.41	2.06
1296.00	7.09	153.70	1294.79	-32.03	6.02	-32.03	32.59	169.35	2.14
1297.00	7.12	153.67	1295.78	-32.14	6.08	-32.14	32.71	169.29	2.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1298.00	7.14	153.66	1296.77	-32.25	6.13	-32.25	32.83	169.23	2.28
1299.00	7.15	153.67	1297.76	-32.37	6.19	-32.37	32.95	169.18	1.39
1300.00	7.16	153.70	1298.76	-32.48	6.24	-32.48	33.07	169.12	1.20
1301.00	7.18	153.72	1299.75	-32.59	6.30	-32.59	33.19	169.06	1.19
1302.00	7.19	153.71	1300.74	-32.70	6.35	-32.70	33.31	169.00	1.05
1303.00	7.20	153.67	1301.73	-32.81	6.41	-32.81	33.43	168.95	1.06
1304.00	7.21	153.63	1302.72	-32.93	6.46	-32.93	33.55	168.89	1.34
1305.00	7.23	153.64	1303.72	-33.04	6.52	-33.04	33.68	168.84	2.12
1306.00	7.24	153.62	1304.71	-33.15	6.58	-33.15	33.80	168.78	1.11
1307.00	7.25	153.60	1305.70	-33.26	6.63	-33.26	33.92	168.72	1.23
1308.00	7.27	153.60	1306.69	-33.38	6.69	-33.38	34.04	168.67	1.71
1309.00	7.28	153.61	1307.68	-33.49	6.75	-33.49	34.16	168.61	1.52
1310.00	7.30	153.62	1308.68	-33.60	6.80	-33.60	34.29	168.56	1.20
1311.00	7.31	153.61	1309.67	-33.72	6.86	-33.72	34.41	168.50	1.04
1312.00	7.32	153.58	1310.66	-33.83	6.91	-33.83	34.53	168.45	1.40
1313.00	7.32	153.59	1311.65	-33.95	6.97	-33.95	34.65	168.40	0.54
1314.00	7.33	153.61	1312.64	-34.06	7.03	-34.06	34.78	168.34	0.68
1315.00	7.35	153.60	1313.64	-34.17	7.08	-34.17	34.90	168.29	1.47
1316.00	7.36	153.60	1314.63	-34.29	7.14	-34.29	35.03	168.23	1.37
1317.00	7.37	153.60	1315.62	-34.40	7.20	-34.40	35.15	168.18	1.27
1318.00	7.38	153.60	1316.61	-34.52	7.26	-34.52	35.27	168.13	1.21
1319.00	7.40	153.62	1317.60	-34.63	7.31	-34.63	35.40	168.08	1.45
1320.00	7.41	153.63	1318.59	-34.75	7.37	-34.75	35.52	168.03	1.09
1321.00	7.42	153.63	1319.59	-34.87	7.43	-34.87	35.65	167.97	1.30
1322.00	7.44	153.66	1320.58	-34.98	7.48	-34.98	35.77	167.92	2.15
1323.00	7.46	153.65	1321.57	-35.10	7.54	-35.10	35.90	167.87	1.41
1324.00	7.47	153.64	1322.56	-35.21	7.60	-35.21	36.03	167.82	1.20
1325.00	7.48	153.67	1323.55	-35.33	7.66	-35.33	36.15	167.77	1.15
1326.00	7.50	153.70	1324.54	-35.45	7.72	-35.45	36.28	167.72	1.58
1327.00	7.51	153.67	1325.54	-35.56	7.77	-35.56	36.40	167.67	1.39
1328.00	7.52	153.66	1326.53	-35.68	7.83	-35.68	36.53	167.62	1.37
1329.00	7.54	153.67	1327.52	-35.80	7.89	-35.80	36.66	167.57	1.46
1330.00	7.55	153.72	1328.51	-35.92	7.95	-35.92	36.79	167.52	1.81
1331.00	7.57	153.76	1329.50	-36.04	8.01	-36.04	36.91	167.47	1.75
1332.00	7.59	153.76	1330.49	-36.15	8.06	-36.15	37.04	167.43	1.67
1333.00	7.60	153.73	1331.48	-36.27	8.12	-36.27	37.17	167.38	1.65
1334.00	7.61	153.74	1332.47	-36.39	8.18	-36.39	37.30	167.33	1.10
1335.00	7.62	153.76	1333.47	-36.51	8.24	-36.51	37.43	167.28	1.02
1336.00	7.63	153.78	1334.46	-36.63	8.30	-36.63	37.56	167.23	0.91
1337.00	7.64	153.76	1335.45	-36.75	8.36	-36.75	37.69	167.19	0.91

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1338.00	7.65	153.75	1336.44	-36.87	8.42	-36.87	37.82	167.14	0.91
1339.00	7.66	153.78	1337.43	-36.99	8.48	-36.99	37.95	167.09	1.10
1340.00	7.67	153.83	1338.42	-37.11	8.53	-37.11	38.08	167.05	1.37
1341.00	7.69	153.83	1339.41	-37.23	8.59	-37.23	38.21	167.00	1.30
1342.00	7.70	153.80	1340.40	-37.35	8.65	-37.35	38.34	166.96	1.15
1343.00	7.71	153.77	1341.39	-37.47	8.71	-37.47	38.47	166.91	0.96
1344.00	7.72	153.80	1342.38	-37.59	8.77	-37.59	38.60	166.87	1.54
1345.00	7.73	153.81	1343.38	-37.71	8.83	-37.71	38.73	166.82	0.79
1346.00	7.73	153.80	1344.37	-37.83	8.89	-37.83	38.86	166.78	0.37
1347.00	7.74	153.75	1345.36	-37.95	8.95	-37.95	38.99	166.73	1.27
1348.00	7.76	153.77	1346.35	-38.07	9.01	-38.07	39.12	166.69	1.49
1349.00	7.76	153.80	1347.34	-38.19	9.07	-38.19	39.25	166.64	0.56
1350.00	7.77	153.82	1348.33	-38.31	9.13	-38.31	39.38	166.60	0.59
1351.00	7.78	153.85	1349.32	-38.43	9.19	-38.43	39.52	166.56	1.21
1352.00	7.79	153.87	1350.31	-38.56	9.25	-38.56	39.65	166.51	1.02
1353.00	7.80	153.89	1351.30	-38.68	9.31	-38.68	39.78	166.47	0.85
1354.00	7.80	153.92	1352.29	-38.80	9.37	-38.80	39.91	166.43	0.75
1355.00	7.81	153.90	1353.28	-38.92	9.43	-38.92	40.05	166.39	0.93
1356.00	7.82	153.89	1354.27	-39.04	9.49	-39.04	40.18	166.34	0.83
1357.00	7.83	153.90	1355.27	-39.17	9.55	-39.17	40.31	166.30	0.70
1358.00	7.83	153.92	1356.26	-39.29	9.61	-39.29	40.44	166.26	0.85
1359.00	7.84	153.92	1357.25	-39.41	9.67	-39.41	40.58	166.22	0.57
1360.00	7.85	153.91	1358.24	-39.53	9.73	-39.53	40.71	166.18	0.64
1361.00	7.86	153.91	1359.23	-39.66	9.79	-39.66	40.84	166.14	1.24
1362.00	7.87	153.92	1360.22	-39.78	9.85	-39.78	40.98	166.10	0.88
1363.00	7.87	153.94	1361.21	-39.90	9.91	-39.90	41.11	166.06	0.75
1364.00	7.88	153.98	1362.20	-40.02	9.97	-40.02	41.25	166.02	0.86
1365.00	7.90	153.99	1363.19	-40.15	10.03	-40.15	41.38	165.98	1.59
1366.00	7.90	153.99	1364.18	-40.27	10.09	-40.27	41.52	165.94	0.93
1367.00	7.91	154.00	1365.17	-40.39	10.15	-40.39	41.65	165.90	0.48
1368.00	7.92	154.02	1366.16	-40.52	10.21	-40.52	41.78	165.86	0.96
1369.00	7.93	154.06	1367.15	-40.64	10.27	-40.64	41.92	165.82	1.23
1370.00	7.94	154.08	1368.14	-40.77	10.33	-40.77	42.05	165.78	1.09
1371.00	7.95	154.09	1369.13	-40.89	10.39	-40.89	42.19	165.75	0.85
1372.00	7.96	154.11	1370.12	-41.02	10.45	-41.02	42.33	165.71	1.01
1373.00	7.97	154.12	1371.11	-41.14	10.51	-41.14	42.46	165.67	0.77
1374.00	7.97	154.12	1372.10	-41.26	10.57	-41.26	42.60	165.63	0.42
1375.00	7.98	154.14	1373.09	-41.39	10.63	-41.39	42.73	165.60	0.71
1376.00	7.98	154.13	1374.08	-41.51	10.69	-41.51	42.87	165.56	0.68
1377.00	7.99	154.08	1375.08	-41.64	10.75	-41.64	43.01	165.52	1.08

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1378.00	8.00	154.08	1376.07	-41.76	10.81	-41.76	43.14	165.49	0.77
1379.00	8.00	154.08	1377.06	-41.89	10.87	-41.89	43.28	165.45	0.50
1380.00	8.01	154.08	1378.05	-42.02	10.93	-42.02	43.41	165.41	0.24
1381.00	8.00	154.10	1379.04	-42.14	10.99	-42.14	43.55	165.38	0.23
1382.00	8.01	154.11	1380.03	-42.27	11.06	-42.27	43.69	165.34	0.54
1383.00	8.01	154.12	1381.02	-42.39	11.12	-42.39	43.82	165.31	0.52
1384.00	8.01	154.14	1382.01	-42.52	11.18	-42.52	43.96	165.27	0.31
1385.00	8.02	154.15	1383.00	-42.64	11.24	-42.64	44.10	165.24	0.62
1386.00	8.02	154.16	1383.99	-42.77	11.30	-42.77	44.23	165.20	0.38
1387.00	8.03	154.16	1384.98	-42.89	11.36	-42.89	44.37	165.17	0.31
1388.00	8.03	154.15	1385.97	-43.02	11.42	-43.02	44.51	165.13	0.94
1389.00	8.04	154.15	1386.96	-43.14	11.48	-43.14	44.65	165.10	0.72
1390.00	8.05	154.16	1387.95	-43.27	11.54	-43.27	44.78	165.06	0.62
1391.00	8.05	154.16	1388.94	-43.40	11.60	-43.40	44.92	165.03	0.44
1392.00	8.05	154.14	1389.93	-43.52	11.66	-43.52	45.06	165.00	0.38
1393.00	8.05	154.14	1390.92	-43.65	11.73	-43.65	45.20	164.96	0.24
1394.00	8.06	154.17	1391.91	-43.77	11.79	-43.77	45.33	164.93	0.94
1395.00	8.06	154.16	1392.90	-43.90	11.85	-43.90	45.47	164.90	0.17
1396.00	8.07	154.18	1393.89	-44.03	11.91	-44.03	45.61	164.86	0.50
1397.00	8.07	154.22	1394.88	-44.15	11.97	-44.15	45.75	164.83	0.85
1398.00	8.08	154.25	1395.87	-44.28	12.03	-44.28	45.89	164.80	0.73
1399.00	8.09	154.25	1396.86	-44.41	12.09	-44.41	46.02	164.77	1.04
1400.00	8.10	154.25	1397.85	-44.53	12.15	-44.53	46.16	164.74	1.02
1401.00	8.10	154.28	1398.84	-44.66	12.21	-44.66	46.30	164.70	0.41
1402.00	8.10	154.28	1399.83	-44.79	12.28	-44.79	46.44	164.67	0.62
1403.00	8.11	154.30	1400.82	-44.91	12.34	-44.91	46.58	164.64	0.50
1404.00	8.11	154.33	1401.81	-45.04	12.40	-45.04	46.72	164.61	0.48
1405.00	8.12	154.35	1402.80	-45.17	12.46	-45.17	46.86	164.58	0.47
1406.00	8.12	154.36	1403.79	-45.30	12.52	-45.30	46.99	164.55	0.48
1407.00	8.12	154.38	1404.78	-45.42	12.58	-45.42	47.13	164.52	0.57
1408.00	8.14	154.40	1405.77	-45.55	12.64	-45.55	47.27	164.49	1.40
1409.00	8.14	154.41	1406.76	-45.68	12.70	-45.68	47.41	164.46	0.37
1410.00	8.15	154.42	1407.75	-45.81	12.77	-45.81	47.55	164.43	0.67
1411.00	8.16	154.44	1408.74	-45.93	12.83	-45.93	47.69	164.40	1.11
1412.00	8.17	154.46	1409.73	-46.06	12.89	-46.06	47.83	164.37	1.20
1413.00	8.18	154.50	1410.72	-46.19	12.95	-46.19	47.97	164.34	0.85
1414.00	8.18	154.55	1411.71	-46.32	13.01	-46.32	48.11	164.31	0.80
1415.00	8.18	154.60	1412.70	-46.45	13.07	-46.45	48.25	164.28	0.72
1416.00	8.19	154.59	1413.69	-46.58	13.13	-46.58	48.39	164.25	0.90
1417.00	8.20	154.60	1414.68	-46.71	13.19	-46.71	48.53	164.23	0.65

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1418.00	8.20	154.65	1415.67	-46.83	13.25	-46.83	48.67	164.20	0.77
1419.00	8.21	154.66	1416.66	-46.96	13.32	-46.96	48.81	164.17	0.68
1420.00	8.22	154.65	1417.65	-47.09	13.38	-47.09	48.96	164.14	1.09
1421.00	8.23	154.63	1418.64	-47.22	13.44	-47.22	49.10	164.11	1.04
1422.00	8.23	154.62	1419.63	-47.35	13.50	-47.35	49.24	164.09	0.65
1423.00	8.24	154.62	1420.62	-47.48	13.56	-47.48	49.38	164.06	0.46
1424.00	8.24	154.61	1421.61	-47.61	13.62	-47.61	49.52	164.03	0.28
1425.00	8.24	154.58	1422.60	-47.74	13.68	-47.74	49.66	164.01	0.32
1426.00	8.25	154.56	1423.59	-47.87	13.75	-47.87	49.80	163.98	1.02
1427.00	8.25	154.57	1424.57	-48.00	13.81	-48.00	49.94	163.95	0.45
1428.00	8.26	154.58	1425.56	-48.13	13.87	-48.13	50.09	163.93	0.26
1429.00	8.26	154.56	1426.55	-48.26	13.93	-48.26	50.23	163.90	0.50
1430.00	8.27	154.54	1427.54	-48.39	13.99	-48.39	50.37	163.87	1.01
1431.00	8.28	154.53	1428.53	-48.52	14.05	-48.52	50.51	163.85	0.65
1432.00	8.28	154.52	1429.52	-48.65	14.12	-48.65	50.65	163.82	0.30
1433.00	8.29	154.52	1430.51	-48.78	14.18	-48.78	50.80	163.79	0.98
1434.00	8.29	154.54	1431.50	-48.91	14.24	-48.91	50.94	163.77	0.45
1435.00	8.29	154.57	1432.49	-49.04	14.30	-49.04	51.08	163.74	0.55
1436.00	8.30	154.60	1433.48	-49.17	14.36	-49.17	51.22	163.72	0.72
1437.00	8.30	154.60	1434.47	-49.30	14.43	-49.30	51.37	163.69	0.08
1438.00	8.30	154.61	1435.46	-49.43	14.49	-49.43	51.51	163.66	0.33
1439.00	8.31	154.61	1436.45	-49.56	14.55	-49.56	51.65	163.64	0.50
1440.00	8.31	154.63	1437.44	-49.69	14.61	-49.69	51.79	163.61	0.48
1441.00	8.31	154.65	1438.43	-49.82	14.67	-49.82	51.94	163.59	0.72
1442.00	8.32	154.65	1439.42	-49.95	14.74	-49.95	52.08	163.56	0.80
1443.00	8.33	154.64	1440.41	-50.08	14.80	-50.08	52.22	163.54	0.81
1444.00	8.33	154.65	1441.40	-50.21	14.86	-50.21	52.37	163.52	0.61
1445.00	8.34	154.66	1442.39	-50.34	14.92	-50.34	52.51	163.49	0.35
1446.00	8.34	154.67	1443.38	-50.48	14.98	-50.48	52.65	163.47	0.21
1447.00	8.35	154.67	1444.37	-50.61	15.05	-50.61	52.80	163.44	0.75
1448.00	8.35	154.70	1445.35	-50.74	15.11	-50.74	52.94	163.42	0.65
1449.00	8.36	154.73	1446.34	-50.87	15.17	-50.87	53.08	163.39	0.65
1450.00	8.36	154.74	1447.33	-51.00	15.23	-51.00	53.23	163.37	0.60
1451.00	8.36	154.76	1448.32	-51.13	15.29	-51.13	53.37	163.35	0.43
1452.00	8.37	154.79	1449.31	-51.26	15.36	-51.26	53.51	163.32	0.79
1453.00	8.38	154.81	1450.30	-51.40	15.42	-51.40	53.66	163.30	1.11
1454.00	8.39	154.84	1451.29	-51.53	15.48	-51.53	53.80	163.28	0.82
1455.00	8.40	154.88	1452.28	-51.66	15.54	-51.66	53.95	163.26	1.54
1456.00	8.41	154.91	1453.27	-51.79	15.60	-51.79	54.09	163.23	0.90
1457.00	8.41	154.92	1454.26	-51.92	15.67	-51.92	54.24	163.21	0.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1458.00	8.42	154.90	1455.25	-52.06	15.73	-52.06	54.38	163.19	0.88
1459.00	8.43	154.89	1456.24	-52.19	15.79	-52.19	54.53	163.17	0.56
1460.00	8.43	154.89	1457.23	-52.32	15.85	-52.32	54.67	163.14	0.41
1461.00	8.43	154.90	1458.22	-52.46	15.91	-52.46	54.82	163.12	0.23
1462.00	8.44	154.86	1459.20	-52.59	15.98	-52.59	54.96	163.10	0.76
1463.00	8.44	154.84	1460.19	-52.72	16.04	-52.72	55.11	163.08	0.47
1464.00	8.44	154.84	1461.18	-52.85	16.10	-52.85	55.25	163.06	0.39
1465.00	8.45	154.84	1462.17	-52.99	16.16	-52.99	55.40	163.04	0.50
1466.00	8.45	154.84	1463.16	-53.12	16.23	-53.12	55.54	163.01	0.52
1467.00	8.46	154.82	1464.15	-53.25	16.29	-53.25	55.69	162.99	0.59
1468.00	8.47	154.83	1465.14	-53.39	16.35	-53.39	55.83	162.97	0.55
1469.00	8.47	154.84	1466.13	-53.52	16.41	-53.52	55.98	162.95	0.48
1470.00	8.47	154.84	1467.12	-53.65	16.48	-53.65	56.13	162.93	0.20
1471.00	8.47	154.85	1468.11	-53.79	16.54	-53.79	56.27	162.91	0.19
1472.00	8.47	154.85	1469.10	-53.92	16.60	-53.92	56.42	162.89	0.04
1473.00	8.47	154.85	1470.09	-54.05	16.66	-54.05	56.56	162.87	0.39
1474.00	8.48	154.86	1471.07	-54.19	16.73	-54.19	56.71	162.84	0.77
1475.00	8.48	154.87	1472.06	-54.32	16.79	-54.32	56.86	162.82	0.57
1476.00	8.49	154.88	1473.05	-54.45	16.85	-54.45	57.00	162.80	0.43
1477.00	8.50	154.86	1474.04	-54.59	16.92	-54.59	57.15	162.78	0.81
1478.00	8.50	154.85	1475.03	-54.72	16.98	-54.72	57.29	162.76	0.67
1479.00	8.50	154.83	1476.02	-54.85	17.04	-54.85	57.44	162.74	0.40
1480.00	8.51	154.83	1477.01	-54.99	17.10	-54.99	57.59	162.72	0.17
1481.00	8.51	154.83	1478.00	-55.12	17.17	-55.12	57.73	162.70	0.10
1482.00	8.51	154.82	1478.99	-55.26	17.23	-55.26	57.88	162.68	0.05
1483.00	8.51	154.83	1479.98	-55.39	17.29	-55.39	58.03	162.66	0.24
1484.00	8.51	154.83	1480.96	-55.52	17.36	-55.52	58.17	162.64	0.39
1485.00	8.52	154.84	1481.95	-55.66	17.42	-55.66	58.32	162.62	0.62
1486.00	8.52	154.84	1482.94	-55.79	17.48	-55.79	58.47	162.60	0.52
1487.00	8.53	154.84	1483.93	-55.93	17.54	-55.93	58.61	162.58	0.42
1488.00	8.53	154.84	1484.92	-56.06	17.61	-56.06	58.76	162.56	0.28
1489.00	8.54	154.82	1485.91	-56.19	17.67	-56.19	58.91	162.54	0.47
1490.00	8.54	154.80	1486.90	-56.33	17.73	-56.33	59.05	162.52	0.28
1491.00	8.54	154.80	1487.89	-56.46	17.80	-56.46	59.20	162.51	0.22
1492.00	8.54	154.81	1488.88	-56.60	17.86	-56.60	59.35	162.49	0.14
1493.00	8.54	154.80	1489.86	-56.73	17.92	-56.73	59.50	162.47	0.18
1494.00	8.54	154.78	1490.85	-56.87	17.99	-56.87	59.64	162.45	0.38
1495.00	8.55	154.72	1491.84	-57.00	18.05	-57.00	59.79	162.43	1.21
1496.00	8.55	154.69	1492.83	-57.14	18.11	-57.14	59.94	162.41	0.66
1497.00	8.55	154.68	1493.82	-57.27	18.18	-57.27	60.09	162.39	0.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1498.00	8.56	154.66	1494.81	-57.40	18.24	-57.40	60.23	162.37	0.44
1499.00	8.56	154.64	1495.80	-57.54	18.30	-57.54	60.38	162.35	0.42
1500.00	8.56	154.63	1496.79	-57.67	18.37	-57.67	60.53	162.33	0.41
1501.00	8.56	154.64	1497.78	-57.81	18.43	-57.81	60.68	162.31	0.23
1502.00	8.56	154.66	1498.76	-57.94	18.50	-57.94	60.82	162.30	0.25
1503.00	8.56	154.67	1499.75	-58.08	18.56	-58.08	60.97	162.28	0.15
1504.00	8.57	154.69	1500.74	-58.21	18.62	-58.21	61.12	162.26	1.00
1505.00	8.58	154.72	1501.73	-58.35	18.69	-58.35	61.27	162.24	1.00
1506.00	8.59	154.75	1502.72	-58.48	18.75	-58.48	61.41	162.22	0.93
1507.00	8.58	154.78	1503.71	-58.62	18.81	-58.62	61.56	162.20	0.71
1508.00	8.58	154.80	1504.70	-58.75	18.88	-58.75	61.71	162.19	0.39
1509.00	8.58	154.82	1505.69	-58.89	18.94	-58.89	61.86	162.17	0.47
1510.00	8.59	154.86	1506.68	-59.02	19.00	-59.02	62.01	162.15	0.92
1511.00	8.59	154.86	1507.66	-59.16	19.07	-59.16	62.15	162.13	0.30
1512.00	8.59	154.83	1508.65	-59.29	19.13	-59.29	62.30	162.12	0.47
1513.00	8.60	154.85	1509.64	-59.43	19.20	-59.43	62.45	162.10	0.89
1514.00	8.61	154.85	1510.63	-59.56	19.26	-59.56	62.60	162.08	0.72
1515.00	8.61	154.86	1511.62	-59.70	19.32	-59.70	62.75	162.06	0.53
1516.00	8.61	154.85	1512.61	-59.83	19.39	-59.83	62.90	162.05	0.70
1517.00	8.61	154.85	1513.60	-59.97	19.45	-59.97	63.04	162.03	0.21
1518.00	8.62	154.86	1514.59	-60.10	19.51	-60.10	63.19	162.01	0.81
1519.00	8.62	154.90	1515.57	-60.24	19.58	-60.24	63.34	162.00	0.63
1520.00	8.62	154.92	1516.56	-60.38	19.64	-60.38	63.49	161.98	0.44
1521.00	8.63	154.93	1517.55	-60.51	19.70	-60.51	63.64	161.96	0.38
1522.00	8.63	154.93	1518.54	-60.65	19.77	-60.65	63.79	161.95	0.08
1523.00	8.63	154.93	1519.53	-60.78	19.83	-60.78	63.94	161.93	0.69
1524.00	8.64	154.94	1520.52	-60.92	19.90	-60.92	64.09	161.91	0.68
1525.00	8.64	154.97	1521.51	-61.06	19.96	-61.06	64.24	161.90	0.47
1526.00	8.64	154.98	1522.49	-61.19	20.02	-61.19	64.38	161.88	0.29
1527.00	8.63	154.98	1523.48	-61.33	20.09	-61.33	64.53	161.87	0.24
1528.00	8.64	154.98	1524.47	-61.46	20.15	-61.46	64.68	161.85	0.44
1529.00	8.64	154.98	1525.46	-61.60	20.21	-61.60	64.83	161.83	0.41
1530.00	8.64	154.97	1526.45	-61.74	20.28	-61.74	64.98	161.82	0.30
1531.00	8.64	154.95	1527.44	-61.87	20.34	-61.87	65.13	161.80	0.33
1532.00	8.65	154.93	1528.43	-62.01	20.40	-62.01	65.28	161.79	0.53
1533.00	8.65	154.91	1529.42	-62.15	20.47	-62.15	65.43	161.77	0.79
1534.00	8.65	154.87	1530.40	-62.28	20.53	-62.28	65.58	161.76	0.84
1535.00	8.65	154.85	1531.39	-62.42	20.59	-62.42	65.73	161.74	0.44
1536.00	8.65	154.84	1532.38	-62.55	20.66	-62.55	65.88	161.72	0.21
1537.00	8.65	154.87	1533.37	-62.69	20.72	-62.69	66.03	161.71	0.55

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1538.00	8.65	154.89	1534.36	-62.83	20.79	-62.83	66.18	161.69	0.25
1539.00	8.65	154.89	1535.35	-62.96	20.85	-62.96	66.32	161.68	0.07
1540.00	8.65	154.87	1536.34	-63.10	20.91	-63.10	66.47	161.66	0.34
1541.00	8.66	154.88	1537.32	-63.23	20.98	-63.23	66.62	161.65	0.36
1542.00	8.66	154.88	1538.31	-63.37	21.04	-63.37	66.77	161.63	0.30
1543.00	8.66	154.87	1539.30	-63.51	21.11	-63.51	66.92	161.62	0.22
1544.00	8.66	154.86	1540.29	-63.64	21.17	-63.64	67.07	161.60	0.32
1545.00	8.66	154.84	1541.28	-63.78	21.23	-63.78	67.22	161.59	0.35
1546.00	8.65	154.82	1542.27	-63.92	21.30	-63.92	67.37	161.57	0.28
1547.00	8.66	154.80	1543.26	-64.05	21.36	-64.05	67.52	161.56	0.32
1548.00	8.66	154.80	1544.24	-64.19	21.43	-64.19	67.67	161.54	0.26
1549.00	8.66	154.81	1545.23	-64.32	21.49	-64.32	67.82	161.53	0.22
1550.00	8.66	154.80	1546.22	-64.46	21.55	-64.46	67.97	161.51	0.41
1551.00	8.67	154.79	1547.21	-64.60	21.62	-64.60	68.12	161.50	0.59
1552.00	8.68	154.77	1548.20	-64.73	21.68	-64.73	68.27	161.48	1.05
1553.00	8.68	154.76	1549.19	-64.87	21.75	-64.87	68.42	161.47	0.35
1554.00	8.67	154.77	1550.18	-65.01	21.81	-65.01	68.57	161.45	0.29
1555.00	8.68	154.79	1551.16	-65.14	21.88	-65.14	68.72	161.44	0.47
1556.00	8.68	154.80	1552.15	-65.28	21.94	-65.28	68.87	161.42	0.28
1557.00	8.68	154.79	1553.14	-65.42	22.00	-65.42	69.02	161.41	0.16
1558.00	8.68	154.76	1554.13	-65.55	22.07	-65.55	69.17	161.39	0.49
1559.00	8.68	154.77	1555.12	-65.69	22.13	-65.69	69.32	161.38	0.49
1560.00	8.69	154.79	1556.11	-65.83	22.20	-65.83	69.47	161.37	0.71
1561.00	8.69	154.79	1557.10	-65.96	22.26	-65.96	69.62	161.35	0.67
1562.00	8.70	154.78	1558.08	-66.10	22.33	-66.10	69.77	161.34	0.18
1563.00	8.70	154.77	1559.07	-66.24	22.39	-66.24	69.92	161.32	0.29
1564.00	8.70	154.74	1560.06	-66.37	22.45	-66.37	70.07	161.31	0.58
1565.00	8.70	154.74	1561.05	-66.51	22.52	-66.51	70.22	161.29	0.36
1566.00	8.70	154.75	1562.04	-66.65	22.58	-66.65	70.37	161.28	0.08
1567.00	8.70	154.75	1563.03	-66.78	22.65	-66.78	70.52	161.27	0.25
1568.00	8.70	154.74	1564.02	-66.92	22.71	-66.92	70.67	161.25	0.15
1569.00	8.70	154.73	1565.00	-67.06	22.78	-67.06	70.82	161.24	0.25
1570.00	8.71	154.72	1565.99	-67.19	22.84	-67.19	70.97	161.22	0.78
1571.00	8.71	154.71	1566.98	-67.33	22.91	-67.33	71.12	161.21	0.30
1572.00	8.71	154.71	1567.97	-67.47	22.97	-67.47	71.27	161.20	0.22
1573.00	8.71	154.74	1568.96	-67.60	23.04	-67.60	71.42	161.18	0.42
1574.00	8.71	154.75	1569.95	-67.74	23.10	-67.74	71.57	161.17	0.34
1575.00	8.72	154.75	1570.93	-67.88	23.17	-67.88	71.72	161.16	0.58
1576.00	8.72	154.76	1571.92	-68.02	23.23	-68.02	71.87	161.14	0.20
1577.00	8.72	154.77	1572.91	-68.15	23.29	-68.15	72.02	161.13	0.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1578.00	8.72	154.78	1573.90	-68.29	23.36	-68.29	72.17	161.12	0.19
1579.00	8.72	154.78	1574.89	-68.43	23.42	-68.43	72.33	161.10	0.11
1580.00	8.72	154.77	1575.88	-68.56	23.49	-68.56	72.48	161.09	0.26
1581.00	8.72	154.75	1576.86	-68.70	23.55	-68.70	72.63	161.08	0.32
1582.00	8.72	154.73	1577.85	-68.84	23.62	-68.84	72.78	161.06	0.24
1583.00	8.73	154.72	1578.84	-68.98	23.68	-68.98	72.93	161.05	0.34
1584.00	8.73	154.72	1579.83	-69.11	23.75	-69.11	73.08	161.04	0.28
1585.00	8.73	154.70	1580.82	-69.25	23.81	-69.25	73.23	161.02	0.22
1586.00	8.73	154.68	1581.81	-69.39	23.88	-69.39	73.38	161.01	0.51
1587.00	8.74	154.66	1582.80	-69.52	23.94	-69.52	73.53	161.00	1.03
1588.00	8.76	154.65	1583.78	-69.66	24.01	-69.66	73.68	160.98	1.60
1589.00	8.77	154.63	1584.77	-69.80	24.07	-69.80	73.83	160.97	0.73
1590.00	8.77	154.62	1585.76	-69.94	24.14	-69.94	73.99	160.96	0.42
1591.00	8.77	154.63	1586.75	-70.08	24.20	-70.08	74.14	160.95	0.24
1592.00	8.76	154.62	1587.74	-70.21	24.27	-70.21	74.29	160.93	0.67
1593.00	8.76	154.60	1588.73	-70.35	24.33	-70.35	74.44	160.92	0.82
1594.00	8.75	154.58	1589.71	-70.49	24.40	-70.49	74.59	160.91	0.31
1595.00	8.76	154.56	1590.70	-70.63	24.46	-70.63	74.74	160.89	0.79
1596.00	8.77	154.55	1591.69	-70.76	24.53	-70.76	74.89	160.88	1.22
1597.00	8.79	154.56	1592.68	-70.90	24.60	-70.90	75.05	160.87	1.50
1598.00	8.80	154.55	1593.67	-71.04	24.66	-71.04	75.20	160.86	0.85
1599.00	8.80	154.53	1594.66	-71.18	24.73	-71.18	75.35	160.84	0.61
1600.00	8.81	154.49	1595.64	-71.32	24.79	-71.32	75.50	160.83	0.79
1601.00	8.81	154.46	1596.63	-71.45	24.86	-71.45	75.65	160.82	0.35
1602.00	8.81	154.45	1597.62	-71.59	24.93	-71.59	75.81	160.80	0.18
1603.00	8.81	154.44	1598.61	-71.73	24.99	-71.73	75.96	160.79	0.20
1604.00	8.80	154.40	1599.60	-71.87	25.06	-71.87	76.11	160.78	0.59
1605.00	8.80	154.38	1600.58	-72.01	25.12	-72.01	76.26	160.77	0.46
1606.00	8.81	154.36	1601.57	-72.14	25.19	-72.14	76.42	160.75	0.39
1607.00	8.81	154.35	1602.56	-72.28	25.26	-72.28	76.57	160.74	0.82
1608.00	8.83	154.34	1603.55	-72.42	25.32	-72.42	76.72	160.73	1.42
1609.00	8.85	154.32	1604.54	-72.56	25.39	-72.56	76.87	160.71	1.72
1610.00	8.85	154.30	1605.53	-72.70	25.46	-72.70	77.03	160.70	0.53
1611.00	8.85	154.28	1606.51	-72.84	25.52	-72.84	77.18	160.69	0.40
1612.00	8.85	154.26	1607.50	-72.97	25.59	-72.97	77.33	160.68	0.26
1613.00	8.85	154.26	1608.49	-73.11	25.66	-73.11	77.48	160.66	0.24
1614.00	8.85	154.25	1609.48	-73.25	25.72	-73.25	77.64	160.65	0.14
1615.00	8.86	154.23	1610.47	-73.39	25.79	-73.39	77.79	160.64	0.84
1616.00	8.87	154.20	1611.45	-73.53	25.86	-73.53	77.94	160.63	0.92
1617.00	8.87	154.18	1612.44	-73.67	25.92	-73.67	78.10	160.61	0.92

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1618.00	8.88	154.18	1613.43	-73.81	25.99	-73.81	78.25	160.60	1.00
1619.00	8.89	154.17	1614.42	-73.95	26.06	-73.95	78.40	160.59	0.55
1620.00	8.89	154.15	1615.41	-74.09	26.13	-74.09	78.56	160.58	0.30
1621.00	8.89	154.15	1616.39	-74.22	26.19	-74.22	78.71	160.56	0.36
1622.00	8.89	154.15	1617.38	-74.36	26.26	-74.36	78.86	160.55	0.39
1623.00	8.90	154.14	1618.37	-74.50	26.33	-74.50	79.02	160.54	0.68
1624.00	8.90	154.11	1619.36	-74.64	26.40	-74.64	79.17	160.52	0.65
1625.00	8.91	154.08	1620.35	-74.78	26.46	-74.78	79.33	160.51	0.78
1626.00	8.92	154.06	1621.33	-74.92	26.53	-74.92	79.48	160.50	0.78
1627.00	8.92	154.07	1622.32	-75.06	26.60	-75.06	79.63	160.49	0.59
1628.00	8.93	154.07	1623.31	-75.20	26.67	-75.20	79.79	160.47	0.20
1629.00	8.93	154.06	1624.30	-75.34	26.73	-75.34	79.94	160.46	0.15
1630.00	8.93	154.05	1625.29	-75.48	26.80	-75.48	80.10	160.45	0.29
1631.00	8.93	154.06	1626.27	-75.62	26.87	-75.62	80.25	160.44	0.34
1632.00	8.93	154.06	1627.26	-75.76	26.94	-75.76	80.40	160.43	0.30
1633.00	8.94	154.06	1628.25	-75.90	27.01	-75.90	80.56	160.41	0.19
1634.00	8.94	154.06	1629.24	-76.04	27.07	-76.04	80.71	160.40	0.21
1635.00	8.94	154.05	1630.22	-76.18	27.14	-76.18	80.87	160.39	0.25
1636.00	8.94	154.03	1631.21	-76.32	27.21	-76.32	81.02	160.38	0.41
1637.00	8.94	154.02	1632.20	-76.46	27.28	-76.46	81.18	160.36	0.20
1638.00	8.95	154.02	1633.19	-76.60	27.35	-76.60	81.33	160.35	0.16
1639.00	8.95	154.03	1634.18	-76.74	27.41	-76.74	81.49	160.34	0.43
1640.00	8.95	154.03	1635.16	-76.88	27.48	-76.88	81.64	160.33	0.55
1641.00	8.96	154.03	1636.15	-77.02	27.55	-77.02	81.80	160.32	0.47
1642.00	8.96	154.04	1637.14	-77.16	27.62	-77.16	81.95	160.30	0.41
1643.00	8.97	154.01	1638.13	-77.30	27.69	-77.30	82.11	160.29	0.53
1644.00	8.97	153.99	1639.11	-77.44	27.76	-77.44	82.26	160.28	0.79
1645.00	8.98	153.97	1640.10	-77.58	27.82	-77.58	82.42	160.27	1.02
1646.00	8.98	153.95	1641.09	-77.72	27.89	-77.72	82.57	160.26	0.40
1647.00	8.98	153.94	1642.08	-77.86	27.96	-77.86	82.73	160.25	0.62
1648.00	8.97	153.93	1643.07	-78.00	28.03	-78.00	82.88	160.23	0.81
1649.00	8.97	153.89	1644.05	-78.14	28.10	-78.14	83.04	160.22	0.83
1650.00	8.98	153.87	1645.04	-78.28	28.17	-78.28	83.19	160.21	1.12
1651.00	9.00	153.88	1646.03	-78.42	28.24	-78.42	83.35	160.20	1.42
1652.00	9.01	153.88	1647.02	-78.56	28.30	-78.56	83.50	160.19	1.33
1653.00	9.02	153.85	1648.00	-78.70	28.37	-78.70	83.66	160.17	1.07
1654.00	9.02	153.81	1648.99	-78.84	28.44	-78.84	83.81	160.16	0.71
1655.00	9.02	153.80	1649.98	-78.98	28.51	-78.98	83.97	160.15	0.51
1656.00	9.02	153.79	1650.97	-79.12	28.58	-79.12	84.12	160.14	0.37
1657.00	9.01	153.79	1651.95	-79.26	28.65	-79.26	84.28	160.13	0.30

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1658.00	9.01	153.75	1652.94	-79.40	28.72	-79.40	84.44	160.11	0.72
1659.00	9.02	153.72	1653.93	-79.54	28.79	-79.54	84.59	160.10	0.79
1660.00	9.03	153.70	1654.92	-79.68	28.86	-79.68	84.75	160.09	1.04
1661.00	9.03	153.69	1655.91	-79.82	28.93	-79.82	84.90	160.08	0.34
1662.00	9.04	153.70	1656.89	-79.96	29.00	-79.96	85.06	160.07	1.07
1663.00	9.06	153.71	1657.88	-80.11	29.07	-80.11	85.22	160.06	1.42
1664.00	9.06	153.68	1658.87	-80.25	29.14	-80.25	85.37	160.04	0.87
1665.00	9.07	153.63	1659.86	-80.39	29.21	-80.39	85.53	160.03	0.81
1666.00	9.06	153.59	1660.84	-80.53	29.28	-80.53	85.69	160.02	0.81
1667.00	9.06	153.57	1661.83	-80.67	29.35	-80.67	85.84	160.01	0.32
1668.00	9.05	153.56	1662.82	-80.81	29.42	-80.81	86.00	160.00	0.67
1669.00	9.05	153.56	1663.81	-80.95	29.49	-80.95	86.15	159.99	0.19
1670.00	9.07	153.57	1664.79	-81.09	29.56	-81.09	86.31	159.97	1.51
1671.00	9.08	153.61	1665.78	-81.23	29.63	-81.23	86.47	159.96	1.17
1672.00	9.08	153.63	1666.77	-81.38	29.70	-81.38	86.63	159.95	0.54
1673.00	9.09	153.64	1667.76	-81.52	29.77	-81.52	86.78	159.94	0.37
1674.00	9.09	153.63	1668.74	-81.66	29.84	-81.66	86.94	159.93	0.47
1675.00	9.09	153.62	1669.73	-81.80	29.91	-81.80	87.10	159.92	0.32
1676.00	9.10	153.62	1670.72	-81.94	29.98	-81.94	87.25	159.90	0.25
1677.00	9.10	153.62	1671.71	-82.08	30.05	-82.08	87.41	159.89	0.26
1678.00	9.10	153.63	1672.69	-82.22	30.12	-82.22	87.57	159.88	0.36
1679.00	9.09	153.64	1673.68	-82.37	30.19	-82.37	87.72	159.87	0.75
1680.00	9.10	153.66	1674.67	-82.51	30.26	-82.51	87.88	159.86	0.88
1681.00	9.11	153.67	1675.66	-82.65	30.33	-82.65	88.04	159.85	1.09
1682.00	9.12	153.67	1676.64	-82.79	30.40	-82.79	88.20	159.84	0.98
1683.00	9.13	153.66	1677.63	-82.93	30.47	-82.93	88.35	159.83	0.79
1684.00	9.13	153.66	1678.62	-83.08	30.54	-83.08	88.51	159.82	0.28
1685.00	9.13	153.66	1679.60	-83.22	30.61	-83.22	88.67	159.80	0.11
1686.00	9.12	153.65	1680.59	-83.36	30.68	-83.36	88.83	159.79	0.61
1687.00	9.12	153.64	1681.58	-83.50	30.75	-83.50	88.98	159.78	0.21
1688.00	9.12	153.62	1682.57	-83.64	30.82	-83.64	89.14	159.77	0.22
1689.00	9.13	153.62	1683.55	-83.79	30.89	-83.79	89.30	159.76	0.51
1690.00	9.13	153.62	1684.54	-83.93	30.96	-83.93	89.46	159.75	0.39
1691.00	9.13	153.63	1685.53	-84.07	31.03	-84.07	89.62	159.74	0.28
1692.00	9.13	153.64	1686.52	-84.21	31.10	-84.21	89.77	159.73	0.59
1693.00	9.12	153.63	1687.50	-84.35	31.17	-84.35	89.93	159.72	0.37
1694.00	9.12	153.60	1688.49	-84.50	31.24	-84.50	90.09	159.71	0.47
1695.00	9.13	153.56	1689.48	-84.64	31.32	-84.64	90.25	159.70	0.94
1696.00	9.13	153.54	1690.47	-84.78	31.39	-84.78	90.40	159.69	0.36
1697.00	9.13	153.53	1691.45	-84.92	31.46	-84.92	90.56	159.67	0.31

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1698.00	9.13	153.52	1692.44	-85.07	31.53	-85.07	90.72	159.66	0.43
1699.00	9.13	153.52	1693.43	-85.21	31.60	-85.21	90.88	159.65	0.29
1700.00	9.12	153.52	1694.41	-85.35	31.67	-85.35	91.04	159.64	0.49
1701.00	9.13	153.54	1695.40	-85.49	31.74	-85.49	91.19	159.63	0.57
1702.00	9.13	153.55	1696.39	-85.63	31.81	-85.63	91.35	159.62	0.14
1703.00	9.13	153.54	1697.38	-85.78	31.88	-85.78	91.51	159.61	0.25
1704.00	9.13	153.52	1698.36	-85.92	31.95	-85.92	91.67	159.60	0.83
1705.00	9.14	153.48	1699.35	-86.06	32.02	-86.06	91.82	159.59	0.75
1706.00	9.14	153.43	1700.34	-86.20	32.09	-86.20	91.98	159.58	0.80
1707.00	9.14	153.42	1701.33	-86.34	32.16	-86.34	92.14	159.57	0.17
1708.00	9.14	153.42	1702.31	-86.49	32.24	-86.49	92.30	159.56	0.16
1709.00	9.14	153.41	1703.30	-86.63	32.31	-86.63	92.46	159.55	0.18
1710.00	9.14	153.43	1704.29	-86.77	32.38	-86.77	92.61	159.54	0.37
1711.00	9.14	153.44	1705.28	-86.91	32.45	-86.91	92.77	159.53	0.23
1712.00	9.13	153.43	1706.26	-87.05	32.52	-87.05	92.93	159.52	0.78
1713.00	9.14	153.43	1707.25	-87.20	32.59	-87.20	93.09	159.51	0.90
1714.00	9.14	153.40	1708.24	-87.34	32.66	-87.34	93.25	159.50	0.42
1715.00	9.14	153.38	1709.22	-87.48	32.73	-87.48	93.40	159.49	0.45
1716.00	9.14	153.36	1710.21	-87.62	32.80	-87.62	93.56	159.47	0.55
1717.00	9.15	153.38	1711.20	-87.76	32.88	-87.76	93.72	159.46	0.66
1718.00	9.15	153.40	1712.19	-87.91	32.95	-87.91	93.88	159.45	0.41
1719.00	9.14	153.40	1713.17	-88.05	33.02	-88.05	94.04	159.44	0.83
1720.00	9.13	153.41	1714.16	-88.19	33.09	-88.19	94.19	159.43	1.53
1721.00	9.11	153.42	1715.15	-88.33	33.16	-88.33	94.35	159.42	1.75
1722.00	9.11	153.41	1716.14	-88.47	33.23	-88.47	94.51	159.41	0.60
1723.00	9.12	153.40	1717.12	-88.62	33.30	-88.62	94.67	159.40	0.39
1724.00	9.12	153.38	1718.11	-88.76	33.37	-88.76	94.82	159.39	0.24
1725.00	9.12	153.39	1719.10	-88.90	33.44	-88.90	94.98	159.38	0.14
1726.00	9.12	153.39	1720.08	-89.04	33.51	-89.04	95.14	159.37	0.15
1727.00	9.11	153.38	1721.07	-89.18	33.59	-89.18	95.30	159.36	0.44
1728.00	9.11	153.36	1722.06	-89.32	33.66	-89.32	95.45	159.35	0.37
1729.00	9.10	153.33	1723.05	-89.46	33.73	-89.46	95.61	159.34	0.87
1730.00	9.09	153.29	1724.03	-89.61	33.80	-89.61	95.77	159.33	1.67
1731.00	9.08	153.31	1725.02	-89.75	33.87	-89.75	95.93	159.32	0.87
1732.00	9.07	153.33	1726.01	-89.89	33.94	-89.89	96.08	159.31	1.05
1733.00	9.06	153.34	1727.00	-90.03	34.01	-90.03	96.24	159.30	1.45
1734.00	9.04	153.32	1727.98	-90.17	34.08	-90.17	96.40	159.29	1.31
1735.00	9.03	153.29	1728.97	-90.31	34.15	-90.31	96.55	159.29	1.04
1736.00	9.03	153.24	1729.96	-90.45	34.22	-90.45	96.71	159.28	0.78
1737.00	9.03	153.24	1730.95	-90.59	34.29	-90.59	96.86	159.27	0.27

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1738.00	9.01	153.23	1731.93	-90.73	34.36	-90.73	97.02	159.26	1.67
1739.00	8.99	153.21	1732.92	-90.87	34.43	-90.87	97.18	159.25	2.04
1740.00	8.97	153.22	1733.91	-91.01	34.50	-91.01	97.33	159.24	2.29
1741.00	8.96	153.20	1734.90	-91.15	34.58	-91.15	97.49	159.23	1.26
1742.00	8.95	153.18	1735.89	-91.29	34.65	-91.29	97.64	159.22	0.86
1743.00	8.93	153.17	1736.87	-91.43	34.72	-91.43	97.79	159.21	2.02
1744.00	8.91	153.15	1737.86	-91.56	34.79	-91.56	97.95	159.20	1.53
1745.00	8.90	153.14	1738.85	-91.70	34.86	-91.70	98.10	159.19	0.87
1746.00	8.89	153.14	1739.84	-91.84	34.93	-91.84	98.26	159.18	1.82
1747.00	8.87	153.14	1740.83	-91.98	34.99	-91.98	98.41	159.17	1.90
1748.00	8.85	153.15	1741.81	-92.12	35.06	-92.12	98.56	159.16	1.34
1749.00	8.84	153.16	1742.80	-92.25	35.13	-92.25	98.72	159.15	1.37
1750.00	8.82	153.18	1743.79	-92.39	35.20	-92.39	98.87	159.14	1.59
1751.00	8.80	153.16	1744.78	-92.53	35.27	-92.53	99.02	159.13	2.47
1752.00	8.78	153.12	1745.77	-92.66	35.34	-92.66	99.17	159.12	1.81
1753.00	8.77	153.10	1746.75	-92.80	35.41	-92.80	99.33	159.11	1.68
1754.00	8.75	153.11	1747.74	-92.93	35.48	-92.93	99.48	159.10	1.78
1755.00	8.73	153.12	1748.73	-93.07	35.55	-93.07	99.63	159.10	1.54
1756.00	8.72	153.12	1749.72	-93.21	35.62	-93.21	99.78	159.09	1.64
1757.00	8.70	153.11	1750.71	-93.34	35.69	-93.34	99.93	159.08	1.95
1758.00	8.67	153.09	1751.70	-93.47	35.75	-93.47	100.08	159.07	3.09
1759.00	8.64	153.06	1752.69	-93.61	35.82	-93.61	100.23	159.06	2.25
1760.00	8.63	153.04	1753.67	-93.74	35.89	-93.74	100.38	159.05	1.50
1761.00	8.60	152.99	1754.66	-93.88	35.96	-93.88	100.53	159.04	3.16
1762.00	8.58	152.97	1755.65	-94.01	36.03	-94.01	100.68	159.03	1.94
1763.00	8.57	152.96	1756.64	-94.14	36.09	-94.14	100.82	159.02	0.73
1764.00	8.56	152.90	1757.63	-94.28	36.16	-94.28	100.97	159.01	1.74
1765.00	8.54	152.85	1758.62	-94.41	36.23	-94.41	101.12	159.01	2.35
1766.00	8.50	152.80	1759.61	-94.54	36.30	-94.54	101.27	159.00	3.59
1767.00	8.48	152.81	1760.60	-94.67	36.36	-94.67	101.41	158.99	2.12
1768.00	8.46	152.80	1761.59	-94.80	36.43	-94.80	101.56	158.98	2.14
1769.00	8.43	152.77	1762.57	-94.93	36.50	-94.93	101.71	158.97	2.88
1770.00	8.41	152.75	1763.56	-95.06	36.57	-95.06	101.85	158.96	1.61
1771.00	8.40	152.73	1764.55	-95.19	36.63	-95.19	102.00	158.95	1.49
1772.00	8.37	152.71	1765.54	-95.32	36.70	-95.32	102.14	158.94	3.24
1773.00	8.34	152.65	1766.53	-95.45	36.77	-95.45	102.29	158.93	2.57
1774.00	8.32	152.57	1767.52	-95.58	36.83	-95.58	102.43	158.93	2.49
1775.00	8.29	152.52	1768.51	-95.71	36.90	-95.71	102.57	158.92	3.00
1776.00	8.26	152.52	1769.50	-95.84	36.97	-95.84	102.72	158.91	3.09
1777.00	8.24	152.50	1770.49	-95.96	37.03	-95.96	102.86	158.90	2.48

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1778.00	8.22	152.46	1771.48	-96.09	37.10	-96.09	103.00	158.89	1.92
1779.00	8.19	152.44	1772.47	-96.22	37.16	-96.22	103.14	158.88	2.72
1780.00	8.16	152.43	1773.46	-96.34	37.23	-96.34	103.29	158.87	3.14
1781.00	8.12	152.41	1774.45	-96.47	37.30	-96.47	103.43	158.86	4.26
1782.00	8.09	152.35	1775.44	-96.59	37.36	-96.59	103.57	158.85	2.46
1783.00	8.07	152.31	1776.43	-96.72	37.43	-96.72	103.71	158.85	2.10
1784.00	8.05	152.28	1777.42	-96.84	37.49	-96.84	103.84	158.84	1.95
1785.00	8.03	152.30	1778.41	-96.96	37.56	-96.96	103.98	158.83	2.15
1786.00	8.01	152.32	1779.40	-97.09	37.62	-97.09	104.12	158.82	2.31
1787.00	7.99	152.34	1780.39	-97.21	37.69	-97.21	104.26	158.81	2.47
1788.00	7.96	152.31	1781.38	-97.33	37.75	-97.33	104.40	158.80	2.14
1789.00	7.94	152.28	1782.37	-97.46	37.81	-97.46	104.54	158.79	2.02
1790.00	7.93	152.27	1783.36	-97.58	37.88	-97.58	104.67	158.78	1.48
1791.00	7.92	152.25	1784.35	-97.70	37.94	-97.70	104.81	158.78	1.09
1792.00	7.91	152.22	1785.34	-97.82	38.01	-97.82	104.95	158.77	1.28
1793.00	7.89	152.22	1786.33	-97.94	38.07	-97.94	105.08	158.76	1.75
1794.00	7.88	152.18	1787.32	-98.07	38.13	-98.07	105.22	158.75	1.14
1795.00	7.87	152.13	1788.31	-98.19	38.20	-98.19	105.36	158.74	0.90
1796.00	7.87	152.09	1789.30	-98.31	38.26	-98.31	105.49	158.73	0.78
1797.00	7.86	152.05	1790.29	-98.43	38.33	-98.43	105.63	158.72	0.86
1798.00	7.85	152.05	1791.29	-98.55	38.39	-98.55	105.76	158.72	0.70
1799.00	7.85	152.09	1792.28	-98.67	38.46	-98.67	105.90	158.71	0.64
1800.00	7.84	152.10	1793.27	-98.79	38.52	-98.79	106.04	158.70	0.63
1801.00	7.84	152.07	1794.26	-98.91	38.58	-98.91	106.17	158.69	0.88
1802.00	7.84	152.06	1795.25	-99.03	38.65	-99.03	106.31	158.68	0.13
1803.00	7.84	152.04	1796.24	-99.15	38.71	-99.15	106.44	158.67	0.34
1804.00	7.84	152.01	1797.23	-99.27	38.77	-99.27	106.58	158.67	0.49
1805.00	7.84	151.99	1798.22	-99.39	38.84	-99.39	106.71	158.66	0.36
1806.00	7.84	151.96	1799.21	-99.51	38.90	-99.51	106.85	158.65	0.52
1807.00	7.83	151.93	1800.20	-99.63	38.97	-99.63	106.98	158.64	0.72
1808.00	7.82	151.89	1801.19	-99.75	39.03	-99.75	107.12	158.63	0.95
1809.00	7.82	151.86	1802.18	-99.87	39.10	-99.87	107.25	158.62	0.65
1810.00	7.82	151.82	1803.17	-99.99	39.16	-99.99	107.39	158.61	0.69
1811.00	7.82	151.82	1804.16	-100.11	39.22	-100.11	107.52	158.61	0.55
1812.00	7.81	151.82	1805.15	-100.23	39.29	-100.23	107.66	158.60	0.57
1813.00	7.81	151.80	1806.15	-100.35	39.35	-100.35	107.79	158.59	0.62
1814.00	7.80	151.79	1807.14	-100.47	39.42	-100.47	107.93	158.58	0.26
1815.00	7.80	151.80	1808.13	-100.59	39.48	-100.59	108.06	158.57	0.36
1816.00	7.80	151.83	1809.12	-100.71	39.54	-100.71	108.20	158.56	0.56
1817.00	7.80	151.84	1810.11	-100.83	39.61	-100.83	108.33	158.55	0.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1818.00	7.79	151.84	1811.10	-100.95	39.67	-100.95	108.47	158.55	0.16
1819.00	7.79	151.81	1812.09	-101.07	39.74	-101.07	108.60	158.54	0.88
1820.00	7.78	151.80	1813.08	-101.19	39.80	-101.19	108.74	158.53	0.45
1821.00	7.78	151.79	1814.07	-101.31	39.86	-101.31	108.87	158.52	0.50
1822.00	7.77	151.74	1815.06	-101.43	39.93	-101.43	109.01	158.51	1.01
1823.00	7.77	151.70	1816.05	-101.55	39.99	-101.55	109.14	158.50	0.57
1824.00	7.77	151.66	1817.04	-101.67	40.06	-101.67	109.27	158.50	0.60
1825.00	7.77	151.62	1818.03	-101.79	40.12	-101.79	109.41	158.49	0.53
1826.00	7.76	151.62	1819.03	-101.91	40.18	-101.91	109.54	158.48	0.22
1827.00	7.76	151.59	1820.02	-102.02	40.25	-102.02	109.68	158.47	0.43
1828.00	7.76	151.51	1821.01	-102.14	40.31	-102.14	109.81	158.46	1.16
1829.00	7.76	151.46	1822.00	-102.26	40.38	-102.26	109.94	158.45	0.63
1830.00	7.76	151.45	1822.99	-102.38	40.44	-102.38	110.08	158.44	0.21
1831.00	7.76	151.46	1823.98	-102.50	40.51	-102.50	110.21	158.44	0.17
1832.00	7.76	151.47	1824.97	-102.62	40.57	-102.62	110.35	158.43	0.59
1833.00	7.76	151.47	1825.96	-102.74	40.64	-102.74	110.48	158.42	0.18
1834.00	7.76	151.44	1826.95	-102.85	40.70	-102.85	110.61	158.41	0.54
1835.00	7.76	151.45	1827.94	-102.97	40.77	-102.97	110.75	158.40	0.15
1836.00	7.76	151.47	1828.93	-103.09	40.83	-103.09	110.88	158.39	0.20
1837.00	7.76	151.47	1829.93	-103.21	40.89	-103.21	111.02	158.39	0.08
1838.00	7.77	151.45	1830.92	-103.33	40.96	-103.33	111.15	158.38	0.53
1839.00	7.77	151.43	1831.91	-103.45	41.02	-103.45	111.28	158.37	0.59
1840.00	7.78	151.41	1832.90	-103.57	41.09	-103.57	111.42	158.36	0.50
1841.00	7.78	151.42	1833.89	-103.69	41.15	-103.69	111.55	158.35	0.28
1842.00	7.78	151.45	1834.88	-103.80	41.22	-103.80	111.69	158.34	0.45
1843.00	7.78	151.49	1835.87	-103.92	41.28	-103.92	111.82	158.34	0.67
1844.00	7.79	151.52	1836.86	-104.04	41.35	-104.04	111.96	158.33	0.52
1845.00	7.79	151.52	1837.85	-104.16	41.41	-104.16	112.09	158.32	0.13
1846.00	7.79	151.50	1838.84	-104.28	41.48	-104.28	112.23	158.31	0.28
1847.00	7.80	151.50	1839.83	-104.40	41.54	-104.40	112.36	158.30	0.88
1848.00	7.80	151.49	1840.82	-104.52	41.61	-104.52	112.50	158.29	0.30
1849.00	7.80	151.47	1841.81	-104.64	41.67	-104.64	112.63	158.29	0.33
1850.00	7.80	151.46	1842.81	-104.76	41.74	-104.76	112.76	158.28	0.34
1851.00	7.80	151.46	1843.80	-104.88	41.80	-104.88	112.90	158.27	0.28
1852.00	7.80	151.46	1844.79	-105.00	41.86	-105.00	113.03	158.26	0.16
1853.00	7.80	151.47	1845.78	-105.12	41.93	-105.12	113.17	158.25	0.14
1854.00	7.80	151.49	1846.77	-105.23	41.99	-105.23	113.30	158.25	0.23
1855.00	7.80	151.45	1847.76	-105.35	42.06	-105.35	113.44	158.24	0.48
1856.00	7.81	151.43	1848.75	-105.47	42.12	-105.47	113.57	158.23	0.34
1857.00	7.81	151.43	1849.74	-105.59	42.19	-105.59	113.71	158.22	0.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1858.00	7.81	151.43	1850.73	-105.71	42.25	-105.71	113.84	158.21	0.05
1859.00	7.81	151.42	1851.72	-105.83	42.32	-105.83	113.98	158.20	0.18
1860.00	7.81	151.40	1852.71	-105.95	42.38	-105.95	114.11	158.20	0.25
1861.00	7.81	151.40	1853.70	-106.07	42.45	-106.07	114.25	158.19	0.33
1862.00	7.80	151.39	1854.69	-106.19	42.51	-106.19	114.38	158.18	0.23
1863.00	7.80	151.37	1855.68	-106.31	42.58	-106.31	114.52	158.17	0.24
1864.00	7.80	151.38	1856.68	-106.43	42.64	-106.43	114.65	158.16	0.47
1865.00	7.80	151.38	1857.67	-106.55	42.71	-106.55	114.79	158.16	0.23
1866.00	7.80	151.38	1858.66	-106.67	42.77	-106.67	114.92	158.15	0.06
1867.00	7.80	151.39	1859.65	-106.78	42.84	-106.78	115.06	158.14	0.19
1868.00	7.80	151.39	1860.64	-106.90	42.90	-106.90	115.19	158.13	0.15
1869.00	7.80	151.37	1861.63	-107.02	42.97	-107.02	115.33	158.12	0.22
1870.00	7.80	151.37	1862.62	-107.14	43.03	-107.14	115.46	158.12	0.15
1871.00	7.80	151.38	1863.61	-107.26	43.10	-107.26	115.60	158.11	0.27
1872.00	7.81	151.38	1864.60	-107.38	43.16	-107.38	115.73	158.10	0.23
1873.00	7.80	151.38	1865.59	-107.50	43.23	-107.50	115.87	158.09	0.67
1874.00	7.80	151.39	1866.58	-107.62	43.29	-107.62	116.00	158.09	0.18
1875.00	7.80	151.40	1867.57	-107.74	43.36	-107.74	116.14	158.08	0.18
1876.00	7.80	151.40	1868.56	-107.86	43.42	-107.86	116.27	158.07	0.17
1877.00	7.81	151.39	1869.56	-107.98	43.49	-107.98	116.41	158.06	0.36
1878.00	7.81	151.37	1870.55	-108.10	43.55	-108.10	116.54	158.05	0.49
1879.00	7.81	151.38	1871.54	-108.21	43.62	-108.21	116.67	158.05	0.21
1880.00	7.81	151.38	1872.53	-108.33	43.68	-108.33	116.81	158.04	0.12
1881.00	7.81	151.35	1873.52	-108.45	43.75	-108.45	116.94	158.03	0.45
1882.00	7.81	151.36	1874.51	-108.57	43.81	-108.57	117.08	158.02	0.14
1883.00	7.81	151.37	1875.50	-108.69	43.88	-108.69	117.21	158.02	0.25
1884.00	7.82	151.35	1876.49	-108.81	43.95	-108.81	117.35	158.01	0.86
1885.00	7.82	151.30	1877.48	-108.93	44.01	-108.93	117.49	158.00	0.75
1886.00	7.82	151.27	1878.47	-109.05	44.08	-109.05	117.62	157.99	0.41
1887.00	7.82	151.27	1879.46	-109.17	44.14	-109.17	117.76	157.98	0.48
1888.00	7.82	151.27	1880.45	-109.29	44.21	-109.29	117.89	157.98	0.41
1889.00	7.82	151.25	1881.44	-109.41	44.27	-109.41	118.03	157.97	0.30
1890.00	7.82	151.21	1882.43	-109.53	44.34	-109.53	118.16	157.96	0.95
1891.00	7.83	151.21	1883.43	-109.65	44.40	-109.65	118.30	157.95	0.30
1892.00	7.83	151.19	1884.42	-109.77	44.47	-109.77	118.43	157.95	0.32
1893.00	7.82	151.16	1885.41	-109.88	44.53	-109.88	118.57	157.94	0.44
1894.00	7.83	151.13	1886.40	-110.00	44.60	-110.00	118.70	157.93	0.74
1895.00	7.83	151.11	1887.39	-110.12	44.67	-110.12	118.84	157.92	0.49
1896.00	7.84	151.09	1888.38	-110.24	44.73	-110.24	118.97	157.91	0.35
1897.00	7.84	151.08	1889.37	-110.36	44.80	-110.36	119.11	157.91	0.26

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1898.00	7.84	151.08	1890.36	-110.48	44.86	-110.48	119.24	157.90	0.28
1899.00	7.84	151.08	1891.35	-110.60	44.93	-110.60	119.38	157.89	0.34
1900.00	7.84	151.06	1892.34	-110.72	45.00	-110.72	119.51	157.88	0.41
1901.00	7.84	151.04	1893.33	-110.84	45.06	-110.84	119.65	157.88	0.27
1902.00	7.85	151.04	1894.32	-110.96	45.13	-110.96	119.78	157.87	1.22
1903.00	7.85	151.07	1895.31	-111.08	45.19	-111.08	119.92	157.86	0.34
1904.00	7.85	151.10	1896.30	-111.20	45.26	-111.20	120.06	157.85	0.58
1905.00	7.86	151.12	1897.29	-111.32	45.33	-111.32	120.19	157.85	0.94
1906.00	7.86	151.12	1898.28	-111.44	45.39	-111.44	120.33	157.84	0.05
1907.00	7.86	151.12	1899.28	-111.56	45.46	-111.56	120.46	157.83	0.08
1908.00	7.85	151.13	1900.27	-111.68	45.52	-111.68	120.60	157.82	0.20
1909.00	7.85	151.15	1901.26	-111.80	45.59	-111.80	120.73	157.81	0.27
1910.00	7.86	151.17	1902.25	-111.92	45.66	-111.92	120.87	157.81	0.35
1911.00	7.85	151.19	1903.24	-112.04	45.72	-112.04	121.01	157.80	0.25
1912.00	7.86	151.19	1904.23	-112.16	45.79	-112.16	121.14	157.79	0.29
1913.00	7.86	151.18	1905.22	-112.28	45.85	-112.28	121.28	157.78	0.44
1914.00	7.86	151.18	1906.21	-112.40	45.92	-112.40	121.41	157.78	0.33
1915.00	7.85	151.17	1907.20	-112.52	45.99	-112.52	121.55	157.77	0.27
1916.00	7.85	151.17	1908.19	-112.63	46.05	-112.63	121.69	157.76	0.21
1917.00	7.85	151.17	1909.18	-112.75	46.12	-112.75	121.82	157.76	0.13
1918.00	7.85	151.17	1910.17	-112.87	46.18	-112.87	121.96	157.75	0.13
1919.00	7.85	151.18	1911.16	-112.99	46.25	-112.99	122.09	157.74	0.29
1920.00	7.86	151.20	1912.15	-113.11	46.31	-113.11	122.23	157.73	0.93
1921.00	7.86	151.21	1913.14	-113.23	46.38	-113.23	122.36	157.73	0.24
1922.00	7.85	151.22	1914.13	-113.35	46.45	-113.35	122.50	157.72	0.36
1923.00	7.85	151.24	1915.13	-113.47	46.51	-113.47	122.64	157.71	0.30
1924.00	7.85	151.25	1916.12	-113.59	46.58	-113.59	122.77	157.70	0.16
1925.00	7.86	151.25	1917.11	-113.71	46.64	-113.71	122.91	157.70	0.26
1926.00	7.85	151.27	1918.10	-113.83	46.71	-113.83	123.04	157.69	0.67
1927.00	7.84	151.29	1919.09	-113.95	46.77	-113.95	123.18	157.68	0.62
1928.00	7.85	151.31	1920.08	-114.07	46.84	-114.07	123.31	157.68	0.25
1929.00	7.83	151.33	1921.07	-114.19	46.91	-114.19	123.45	157.67	1.82
1930.00	7.82	151.32	1922.06	-114.31	46.97	-114.31	123.59	157.66	0.80
1931.00	7.83	151.30	1923.05	-114.43	47.04	-114.43	123.72	157.65	1.10
1932.00	7.84	151.30	1924.04	-114.55	47.10	-114.55	123.86	157.65	1.02
1933.00	7.85	151.32	1925.03	-114.67	47.17	-114.67	123.99	157.64	0.86
1934.00	7.85	151.34	1926.02	-114.79	47.23	-114.79	124.13	157.63	0.60
1935.00	7.82	151.34	1927.01	-114.91	47.30	-114.91	124.26	157.63	3.82
1936.00	7.79	151.31	1928.00	-115.03	47.36	-115.03	124.40	157.62	2.82
1937.00	7.77	151.27	1928.99	-115.15	47.43	-115.15	124.53	157.61	1.64

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1938.00	7.77	151.32	1929.99	-115.27	47.49	-115.27	124.67	157.61	0.78
1939.00	7.76	151.31	1930.98	-115.38	47.56	-115.38	124.80	157.60	0.86
1940.00	7.75	151.28	1931.97	-115.50	47.62	-115.50	124.94	157.59	1.05
1941.00	7.74	151.31	1932.96	-115.62	47.69	-115.62	125.07	157.59	1.08
1942.00	7.72	151.33	1933.95	-115.74	47.75	-115.74	125.20	157.58	1.57
1943.00	7.70	151.35	1934.94	-115.86	47.82	-115.86	125.34	157.57	1.90
1944.00	7.67	151.36	1935.93	-115.97	47.88	-115.97	125.47	157.57	3.34
1945.00	7.65	151.35	1936.92	-116.09	47.94	-116.09	125.60	157.56	2.38
1946.00	7.64	151.29	1937.91	-116.21	48.01	-116.21	125.73	157.55	0.81
1947.00	7.61	151.26	1938.90	-116.32	48.07	-116.32	125.87	157.55	2.95
1948.00	7.58	151.23	1939.90	-116.44	48.14	-116.44	126.00	157.54	3.53
1949.00	7.54	151.19	1940.89	-116.56	48.20	-116.56	126.13	157.53	3.44
1950.00	7.50	151.14	1941.88	-116.67	48.26	-116.67	126.26	157.53	4.60
1951.00	7.46	151.09	1942.87	-116.78	48.33	-116.78	126.39	157.52	4.14
1952.00	7.45	151.09	1943.86	-116.90	48.39	-116.90	126.52	157.51	0.53
1953.00	7.43	151.09	1944.85	-117.01	48.45	-117.01	126.65	157.51	2.36
1954.00	7.40	151.09	1945.84	-117.12	48.51	-117.12	126.77	157.50	2.63
1955.00	7.37	151.08	1946.84	-117.24	48.58	-117.24	126.90	157.49	3.72
1956.00	7.33	151.07	1947.83	-117.35	48.64	-117.35	127.03	157.49	3.32
1957.00	7.30	151.06	1948.82	-117.46	48.70	-117.46	127.15	157.48	3.54
1958.00	7.23	151.13	1949.81	-117.57	48.76	-117.57	127.28	157.47	6.57
1959.00	7.21	151.11	1950.80	-117.68	48.82	-117.68	127.41	157.47	1.97
1960.00	7.19	151.09	1951.80	-117.79	48.88	-117.79	127.53	157.46	2.12
1961.00	7.17	151.04	1952.79	-117.90	48.94	-117.90	127.65	157.46	2.73
1962.00	7.13	151.03	1953.78	-118.01	49.00	-118.01	127.78	157.45	3.78
1963.00	7.09	151.04	1954.77	-118.12	49.06	-118.12	127.90	157.44	3.68
1964.00	7.06	151.06	1955.77	-118.22	49.12	-118.22	128.02	157.44	3.46
1965.00	7.03	151.04	1956.76	-118.33	49.18	-118.33	128.15	157.43	2.23
1966.00	7.01	151.02	1957.75	-118.44	49.24	-118.44	128.27	157.43	2.10
1967.00	6.97	151.03	1958.74	-118.55	49.30	-118.55	128.39	157.42	4.40
1968.00	6.95	151.04	1959.74	-118.65	49.36	-118.65	128.51	157.41	2.25
1969.00	6.93	151.05	1960.73	-118.76	49.42	-118.76	128.63	157.41	1.71
1970.00	6.90	151.00	1961.72	-118.86	49.47	-118.86	128.75	157.40	3.06
1971.00	6.88	150.98	1962.71	-118.97	49.53	-118.97	128.87	157.40	2.32
1972.00	6.85	150.98	1963.71	-119.07	49.59	-119.07	128.99	157.39	2.24
1973.00	6.83	151.08	1964.70	-119.18	49.65	-119.18	129.10	157.38	3.00
1974.00	6.81	151.06	1965.69	-119.28	49.71	-119.28	129.22	157.38	2.09
1975.00	6.79	151.03	1966.69	-119.38	49.76	-119.38	129.34	157.37	1.90
1976.00	6.77	151.01	1967.68	-119.49	49.82	-119.49	129.46	157.37	1.79
1977.00	6.75	151.02	1968.67	-119.59	49.88	-119.59	129.57	157.36	1.88

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1978.00	6.73	151.04	1969.66	-119.69	49.93	-119.69	129.69	157.35	1.94
1979.00	6.71	151.03	1970.66	-119.79	49.99	-119.79	129.81	157.35	2.40
1980.00	6.68	150.96	1971.65	-119.90	50.05	-119.90	129.92	157.34	2.58
1981.00	6.66	150.92	1972.64	-120.00	50.10	-120.00	130.04	157.34	2.08
1982.00	6.64	150.95	1973.64	-120.10	50.16	-120.10	130.15	157.33	1.80
1983.00	6.64	150.98	1974.63	-120.20	50.22	-120.20	130.27	157.33	0.51
1984.00	6.64	151.01	1975.62	-120.30	50.27	-120.30	130.38	157.32	0.43
1985.00	6.61	150.95	1976.62	-120.40	50.33	-120.40	130.50	157.32	3.37
1986.00	6.58	150.94	1977.61	-120.50	50.38	-120.50	130.61	157.31	2.55
1987.00	6.56	150.95	1978.60	-120.60	50.44	-120.60	130.73	157.30	2.22
1988.00	6.54	150.99	1979.60	-120.70	50.49	-120.70	130.84	157.30	1.58
1989.00	6.53	150.97	1980.59	-120.80	50.55	-120.80	130.95	157.29	1.40
1990.00	6.52	150.88	1981.58	-120.90	50.61	-120.90	131.07	157.29	1.57
1991.00	6.50	150.89	1982.58	-121.00	50.66	-121.00	131.18	157.28	1.41
1992.00	6.49	150.92	1983.57	-121.10	50.72	-121.10	131.29	157.28	1.64
1993.00	6.47	150.98	1984.56	-121.20	50.77	-121.20	131.40	157.27	2.02
1994.00	6.45	151.00	1985.56	-121.30	50.82	-121.30	131.51	157.27	1.45
1995.00	6.44	151.00	1986.55	-121.39	50.88	-121.39	131.63	157.26	1.28
1996.00	6.43	150.97	1987.55	-121.49	50.93	-121.49	131.74	157.25	1.16
1997.00	6.42	151.00	1988.54	-121.59	50.99	-121.59	131.85	157.25	1.17
1998.00	6.40	151.05	1989.53	-121.69	51.04	-121.69	131.96	157.24	1.47
1999.00	6.39	151.10	1990.53	-121.79	51.10	-121.79	132.07	157.24	1.90
2000.00	6.37	151.06	1991.52	-121.88	51.15	-121.88	132.18	157.23	1.75
2001.00	6.36	151.04	1992.51	-121.98	51.20	-121.98	132.29	157.23	1.17
2002.00	6.35	151.06	1993.51	-122.08	51.26	-122.08	132.40	157.22	0.63
2003.00	6.35	151.09	1994.50	-122.17	51.31	-122.17	132.51	157.22	0.65
2004.00	6.34	151.10	1995.50	-122.27	51.36	-122.27	132.62	157.21	0.51
2005.00	6.34	151.09	1996.49	-122.37	51.42	-122.37	132.73	157.21	0.66
2006.00	6.32	151.12	1997.48	-122.46	51.47	-122.46	132.84	157.20	1.33
2007.00	6.31	151.15	1998.48	-122.56	51.52	-122.56	132.95	157.20	1.21
2008.00	6.30	151.18	1999.47	-122.66	51.58	-122.66	133.06	157.19	0.97
2009.00	6.30	151.12	2000.47	-122.75	51.63	-122.75	133.17	157.19	0.70
2010.00	6.30	151.05	2001.46	-122.85	51.68	-122.85	133.28	157.18	0.82
2011.00	6.29	150.97	2002.45	-122.94	51.74	-122.94	133.39	157.18	1.10
2012.00	6.29	151.07	2003.45	-123.04	51.79	-123.04	133.49	157.17	1.18
2013.00	6.28	151.22	2004.44	-123.14	51.84	-123.14	133.60	157.17	1.66
2014.00	6.28	151.42	2005.44	-123.23	51.89	-123.23	133.71	157.16	2.29
2015.00	6.27	151.48	2006.43	-123.33	51.95	-123.33	133.82	157.16	1.23
2016.00	6.25	151.47	2007.42	-123.42	52.00	-123.42	133.93	157.15	1.10
2017.00	6.26	151.42	2008.42	-123.52	52.05	-123.52	134.04	157.15	0.58

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2018.00	6.26	151.41	2009.41	-123.61	52.10	-123.61	134.15	157.15	0.14
2019.00	6.25	151.44	2010.41	-123.71	52.15	-123.71	134.26	157.14	0.47
2020.00	6.25	151.41	2011.40	-123.81	52.21	-123.81	134.36	157.14	0.59
2021.00	6.24	151.36	2012.39	-123.90	52.26	-123.90	134.47	157.13	0.72
2022.00	6.24	151.31	2013.39	-124.00	52.31	-124.00	134.58	157.13	0.70
2023.00	6.23	151.26	2014.38	-124.09	52.36	-124.09	134.69	157.12	0.60
2024.00	6.23	151.22	2015.38	-124.19	52.42	-124.19	134.80	157.12	0.53
2025.00	6.23	151.23	2016.37	-124.28	52.47	-124.28	134.90	157.11	0.58
2026.00	6.22	151.22	2017.36	-124.38	52.52	-124.38	135.01	157.11	0.37
2027.00	6.22	151.20	2018.36	-124.47	52.57	-124.47	135.12	157.10	0.25
2028.00	6.22	151.16	2019.35	-124.57	52.62	-124.57	135.23	157.10	0.44
2029.00	6.22	151.13	2020.35	-124.66	52.68	-124.66	135.33	157.09	0.40
2030.00	6.22	151.10	2021.34	-124.76	52.73	-124.76	135.44	157.09	0.71
2031.00	6.21	151.10	2022.34	-124.85	52.78	-124.85	135.55	157.08	0.62
2032.00	6.21	151.11	2023.33	-124.95	52.83	-124.95	135.66	157.08	0.40
2033.00	6.21	151.12	2024.32	-125.04	52.89	-125.04	135.77	157.07	0.52
2034.00	6.21	151.11	2025.32	-125.14	52.94	-125.14	135.87	157.07	0.36
2035.00	6.21	151.04	2026.31	-125.23	52.99	-125.23	135.98	157.06	0.82
2036.00	6.21	151.05	2027.31	-125.33	53.04	-125.33	136.09	157.06	0.27
2037.00	6.22	151.09	2028.30	-125.42	53.10	-125.42	136.20	157.06	0.68
2038.00	6.22	151.15	2029.29	-125.52	53.15	-125.52	136.30	157.05	0.65
2039.00	6.22	151.17	2030.29	-125.61	53.20	-125.61	136.41	157.05	0.24
2040.00	6.21	151.13	2031.28	-125.70	53.25	-125.70	136.52	157.04	0.57
2041.00	6.21	151.15	2032.28	-125.80	53.30	-125.80	136.63	157.04	0.27
2042.00	6.21	151.18	2033.27	-125.89	53.36	-125.89	136.73	157.03	0.34
2043.00	6.22	151.16	2034.26	-125.99	53.41	-125.99	136.84	157.03	1.09
2044.00	6.22	151.17	2035.26	-126.08	53.46	-126.08	136.95	157.02	0.11
2045.00	6.22	151.19	2036.25	-126.18	53.51	-126.18	137.06	157.02	0.63
2046.00	6.21	151.18	2037.25	-126.27	53.57	-126.27	137.17	157.01	0.41
2047.00	6.21	151.15	2038.24	-126.37	53.62	-126.37	137.27	157.01	0.32
2048.00	6.22	151.13	2039.24	-126.46	53.67	-126.46	137.38	157.00	0.39
2049.00	6.22	151.10	2040.23	-126.56	53.72	-126.56	137.49	157.00	0.43
2050.00	6.22	151.08	2041.22	-126.65	53.77	-126.65	137.60	156.99	0.46
2051.00	6.23	151.06	2042.22	-126.75	53.83	-126.75	137.70	156.99	0.39
2052.00	6.23	151.06	2043.21	-126.84	53.88	-126.84	137.81	156.99	0.06
2053.00	6.22	151.08	2044.21	-126.94	53.93	-126.94	137.92	156.98	0.46
2054.00	6.22	151.07	2045.20	-127.03	53.98	-127.03	138.03	156.98	0.49
2055.00	6.21	151.05	2046.19	-127.13	54.04	-127.13	138.14	156.97	0.36
2056.00	6.22	151.05	2047.19	-127.22	54.09	-127.22	138.24	156.97	0.54
2057.00	6.22	151.04	2048.18	-127.32	54.14	-127.32	138.35	156.96	0.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2058.00	6.23	151.01	2049.18	-127.41	54.19	-127.41	138.46	156.96	0.34
2059.00	6.23	150.99	2050.17	-127.51	54.25	-127.51	138.57	156.95	0.30
2060.00	6.23	150.96	2051.16	-127.60	54.30	-127.60	138.67	156.95	0.28
2061.00	6.22	150.93	2052.16	-127.70	54.35	-127.70	138.78	156.94	0.76
2062.00	6.22	150.93	2053.15	-127.79	54.40	-127.79	138.89	156.94	0.33
2063.00	6.22	150.97	2054.15	-127.89	54.46	-127.89	139.00	156.93	0.70
2064.00	6.22	150.95	2055.14	-127.98	54.51	-127.98	139.11	156.93	0.25
2065.00	6.22	150.92	2056.14	-128.08	54.56	-128.08	139.21	156.93	0.29
2066.00	6.23	150.92	2057.13	-128.17	54.62	-128.17	139.32	156.92	0.21
2067.00	6.23	150.90	2058.12	-128.27	54.67	-128.27	139.43	156.92	0.27
2068.00	6.22	150.88	2059.12	-128.36	54.72	-128.36	139.54	156.91	0.31
2069.00	6.22	150.85	2060.11	-128.45	54.77	-128.45	139.64	156.91	0.83
2070.00	6.22	150.84	2061.11	-128.55	54.83	-128.55	139.75	156.90	0.16
2071.00	6.22	150.84	2062.10	-128.64	54.88	-128.64	139.86	156.90	0.50
2072.00	6.23	150.86	2063.09	-128.74	54.93	-128.74	139.97	156.89	0.73
2073.00	6.23	150.89	2064.09	-128.83	54.98	-128.83	140.08	156.89	0.50
2074.00	6.23	150.88	2065.08	-128.93	55.04	-128.93	140.18	156.88	0.22
2075.00	6.23	150.84	2066.08	-129.02	55.09	-129.02	140.29	156.88	0.55
2076.00	6.23	150.78	2067.07	-129.12	55.14	-129.12	140.40	156.87	0.70
2077.00	6.22	150.73	2068.06	-129.21	55.20	-129.21	140.51	156.87	0.57
2078.00	6.23	150.71	2069.06	-129.31	55.25	-129.31	140.62	156.86	0.33
2079.00	6.23	150.69	2070.05	-129.40	55.30	-129.40	140.72	156.86	0.45
2080.00	6.23	150.69	2071.05	-129.50	55.36	-129.50	140.83	156.85	0.49
2081.00	6.23	150.56	2072.04	-129.59	55.41	-129.59	140.94	156.85	1.32
2082.00	6.22	150.18	2073.04	-129.68	55.46	-129.68	141.05	156.85	4.45
2083.00	6.29	150.04	2074.03	-129.78	55.52	-129.78	141.16	156.84	7.09
2084.00	6.27	150.30	2075.02	-129.87	55.57	-129.87	141.26	156.83	3.48
2085.00	6.27	150.20	2076.02	-129.97	55.63	-129.97	141.37	156.83	1.32
2086.00	6.30	149.95	2077.01	-130.06	55.68	-130.06	141.48	156.82	3.90
2087.00	6.27	150.13	2078.01	-130.16	55.73	-130.16	141.59	156.82	3.53
2088.00	6.27	150.04	2079.00	-130.25	55.79	-130.25	141.70	156.81	1.17
2089.00	6.29	149.86	2079.99	-130.35	55.84	-130.35	141.81	156.81	2.99
2090.00	6.30	149.81	2080.99	-130.44	55.90	-130.44	141.92	156.80	0.84
2091.00	6.30	149.79	2081.98	-130.54	55.95	-130.54	142.02	156.80	0.27
2092.00	6.21	150.32	2082.98	-130.63	56.01	-130.63	142.13	156.79	10.07
2093.00	6.30	149.72	2083.97	-130.73	56.06	-130.73	142.24	156.79	11.21
2094.00	6.25	150.10	2084.96	-130.82	56.12	-130.82	142.35	156.78	6.95
2095.00	6.31	149.61	2085.96	-130.92	56.17	-130.92	142.46	156.78	7.87
2096.00	6.21	150.32	2086.95	-131.01	56.23	-131.01	142.57	156.77	12.68
2097.00	6.32	149.50	2087.95	-131.10	56.28	-131.10	142.67	156.77	14.49

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2098.00	6.32	149.46	2088.94	-131.20	56.34	-131.20	142.78	156.76	0.46
2099.00	6.32	149.42	2089.93	-131.29	56.39	-131.29	142.89	156.76	0.54
2100.00	6.32	149.37	2090.93	-131.39	56.45	-131.39	143.00	156.75	0.55
2101.00	6.31	149.31	2091.92	-131.48	56.51	-131.48	143.11	156.74	0.77
2102.00	6.31	149.25	2092.91	-131.58	56.56	-131.58	143.22	156.74	0.70
2103.00	6.32	149.18	2093.91	-131.67	56.62	-131.67	143.33	156.73	0.80
2104.00	6.32	149.11	2094.90	-131.77	56.67	-131.77	143.44	156.73	0.84
2105.00	6.32	149.07	2095.90	-131.86	56.73	-131.86	143.55	156.72	0.52
2106.00	6.32	149.02	2096.89	-131.96	56.79	-131.96	143.66	156.72	0.62
2107.00	6.32	148.99	2097.88	-132.05	56.84	-132.05	143.77	156.71	0.40
2108.00	6.32	148.97	2098.88	-132.14	56.90	-132.14	143.87	156.70	0.35
2109.00	6.32	148.93	2099.87	-132.24	56.96	-132.24	143.98	156.70	0.72
2110.00	6.32	148.92	2100.87	-132.33	57.01	-132.33	144.09	156.69	0.15
2111.00	6.33	148.89	2101.86	-132.43	57.07	-132.43	144.20	156.69	0.41
2112.00	6.33	148.86	2102.85	-132.52	57.13	-132.52	144.31	156.68	0.49
2113.00	6.34	148.85	2103.85	-132.62	57.19	-132.62	144.42	156.67	0.59
2114.00	6.34	148.77	2104.84	-132.71	57.24	-132.71	144.53	156.67	0.81
2115.00	6.33	148.76	2105.84	-132.80	57.30	-132.80	144.64	156.66	0.35
2116.00	6.33	148.67	2106.83	-132.90	57.36	-132.90	144.75	156.66	0.93
2117.00	6.34	148.66	2107.82	-132.99	57.41	-132.99	144.86	156.65	1.04
2118.00	6.35	148.61	2108.82	-133.09	57.47	-133.09	144.97	156.64	0.60
2119.00	6.35	148.56	2109.81	-133.18	57.53	-133.18	145.08	156.64	0.55
2120.00	6.34	148.51	2110.81	-133.28	57.59	-133.28	145.19	156.63	0.55
2121.00	6.34	148.46	2111.80	-133.37	57.65	-133.37	145.30	156.63	0.82
2122.00	6.34	148.40	2112.79	-133.46	57.70	-133.46	145.40	156.62	0.90
2123.00	6.35	148.40	2113.79	-133.56	57.76	-133.56	145.51	156.61	0.74
2124.00	6.35	148.37	2114.78	-133.65	57.82	-133.65	145.62	156.61	0.57
2125.00	6.35	148.33	2115.77	-133.75	57.88	-133.75	145.73	156.60	0.49
2126.00	6.34	148.30	2116.77	-133.84	57.94	-133.84	145.84	156.59	0.34
2127.00	6.34	148.31	2117.76	-133.94	57.99	-133.94	145.95	156.59	0.49
2128.00	6.35	148.32	2118.76	-134.03	58.05	-134.03	146.06	156.58	1.30
2129.00	6.37	148.30	2119.75	-134.12	58.11	-134.12	146.17	156.58	1.80
2130.00	6.36	148.32	2120.74	-134.22	58.17	-134.22	146.28	156.57	0.82
2131.00	6.36	148.29	2121.74	-134.31	58.23	-134.31	146.39	156.56	0.52
2132.00	6.36	148.23	2122.73	-134.41	58.28	-134.41	146.50	156.56	0.70
2133.00	6.36	148.21	2123.73	-134.50	58.34	-134.50	146.61	156.55	0.23
2134.00	6.37	148.19	2124.72	-134.59	58.40	-134.59	146.72	156.54	0.82
2135.00	6.38	148.17	2125.71	-134.69	58.46	-134.69	146.83	156.54	0.59
2136.00	6.38	148.15	2126.71	-134.78	58.52	-134.78	146.94	156.53	0.30
2137.00	6.38	148.12	2127.70	-134.88	58.58	-134.88	147.05	156.52	0.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2138.00	6.38	148.10	2128.69	-134.97	58.64	-134.97	147.16	156.52	0.74
2139.00	6.39	148.07	2129.69	-135.07	58.69	-135.07	147.27	156.51	0.31
2140.00	6.40	148.04	2130.68	-135.16	58.75	-135.16	147.38	156.51	1.32
2141.00	6.39	148.05	2131.68	-135.26	58.81	-135.26	147.49	156.50	0.54
2142.00	6.39	148.05	2132.67	-135.35	58.87	-135.35	147.60	156.49	0.79
2143.00	6.38	148.02	2133.66	-135.44	58.93	-135.44	147.71	156.49	0.79
2144.00	6.39	148.04	2134.66	-135.54	58.99	-135.54	147.82	156.48	1.24
2145.00	6.40	148.02	2135.65	-135.63	59.05	-135.63	147.93	156.47	0.62
2146.00	6.39	148.01	2136.64	-135.73	59.11	-135.73	148.04	156.47	0.16
2147.00	6.40	148.01	2137.64	-135.82	59.17	-135.82	148.15	156.46	0.16
2148.00	6.40	148.02	2138.63	-135.92	59.22	-135.92	148.26	156.46	0.50
2149.00	6.40	147.99	2139.63	-136.01	59.28	-136.01	148.37	156.45	0.50
2150.00	6.40	147.97	2140.62	-136.11	59.34	-136.11	148.48	156.44	0.33
2151.00	6.40	147.96	2141.61	-136.20	59.40	-136.20	148.59	156.44	0.18
2152.00	6.40	147.93	2142.61	-136.29	59.46	-136.29	148.70	156.43	0.27
2153.00	6.40	147.90	2143.60	-136.39	59.52	-136.39	148.81	156.42	0.31
2154.00	6.40	147.90	2144.59	-136.48	59.58	-136.48	148.92	156.42	0.12
2155.00	6.40	147.83	2145.59	-136.58	59.64	-136.58	149.03	156.41	0.81
2156.00	6.41	147.79	2146.58	-136.67	59.70	-136.67	149.14	156.40	0.82
2157.00	6.42	147.74	2147.58	-136.77	59.76	-136.77	149.25	156.40	0.77
2158.00	6.42	147.67	2148.57	-136.86	59.82	-136.86	149.36	156.39	0.85
2159.00	6.42	147.60	2149.56	-136.96	59.88	-136.96	149.47	156.38	0.75
2160.00	6.43	147.56	2150.56	-137.05	59.94	-137.05	149.58	156.38	0.79
2161.00	6.43	147.54	2151.55	-137.14	60.00	-137.14	149.69	156.37	0.74
2162.00	6.43	147.48	2152.54	-137.24	60.06	-137.24	149.80	156.37	0.68
2163.00	6.43	147.45	2153.54	-137.33	60.12	-137.33	149.92	156.36	0.38
2164.00	6.44	147.46	2154.53	-137.43	60.18	-137.43	150.03	156.35	0.52
2165.00	6.45	147.40	2155.53	-137.52	60.24	-137.52	150.14	156.35	1.36
2166.00	6.46	147.36	2156.52	-137.62	60.30	-137.62	150.25	156.34	1.32
2167.00	6.47	147.32	2157.51	-137.71	60.36	-137.71	150.36	156.33	0.58
2168.00	6.47	147.27	2158.51	-137.81	60.42	-137.81	150.47	156.33	0.68
2169.00	6.47	147.22	2159.50	-137.90	60.48	-137.90	150.58	156.32	0.65
2170.00	6.47	147.16	2160.49	-138.00	60.54	-138.00	150.69	156.31	0.73
2171.00	6.47	147.06	2161.49	-138.09	60.60	-138.09	150.80	156.30	1.20
2172.00	6.48	146.99	2162.48	-138.19	60.67	-138.19	150.92	156.30	0.95
2173.00	6.48	146.93	2163.47	-138.28	60.73	-138.28	151.03	156.29	0.88
2174.00	6.49	146.86	2164.47	-138.38	60.79	-138.38	151.14	156.28	0.80
2175.00	6.48	146.77	2165.46	-138.47	60.85	-138.47	151.25	156.28	1.05
2176.00	6.48	146.71	2166.46	-138.56	60.91	-138.56	151.36	156.27	0.67
2177.00	6.49	146.69	2167.45	-138.66	60.97	-138.66	151.47	156.26	0.67

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2178.00	6.50	146.59	2168.44	-138.75	61.04	-138.75	151.58	156.26	1.42
2179.00	6.50	146.53	2169.44	-138.85	61.10	-138.85	151.70	156.25	0.72
2180.00	6.50	146.49	2170.43	-138.94	61.16	-138.94	151.81	156.24	0.58
2181.00	6.49	146.45	2171.42	-139.04	61.22	-139.04	151.92	156.23	0.65
2182.00	6.49	146.40	2172.42	-139.13	61.29	-139.13	152.03	156.23	0.58
2183.00	6.50	146.35	2173.41	-139.22	61.35	-139.22	152.14	156.22	0.57
2184.00	6.50	146.35	2174.40	-139.32	61.41	-139.32	152.25	156.21	0.09
2185.00	6.50	146.35	2175.40	-139.41	61.47	-139.41	152.37	156.20	0.60
2186.00	6.51	146.33	2176.39	-139.51	61.54	-139.51	152.48	156.20	0.77
2187.00	6.51	146.29	2177.38	-139.60	61.60	-139.60	152.59	156.19	0.49
2188.00	6.51	146.22	2178.38	-139.70	61.66	-139.70	152.70	156.18	0.87
2189.00	6.52	146.14	2179.37	-139.79	61.73	-139.79	152.81	156.18	0.89
2190.00	6.52	146.11	2180.37	-139.88	61.79	-139.88	152.92	156.17	0.57
2191.00	6.52	146.06	2181.36	-139.98	61.85	-139.98	153.04	156.16	0.57
2192.00	6.53	145.99	2182.35	-140.07	61.92	-140.07	153.15	156.15	0.99
2193.00	6.54	145.86	2183.35	-140.17	61.98	-140.17	153.26	156.15	1.82
2194.00	6.54	145.80	2184.34	-140.26	62.04	-140.26	153.37	156.14	0.60
2195.00	6.54	145.76	2185.33	-140.36	62.11	-140.36	153.48	156.13	0.52
2196.00	6.55	145.73	2186.33	-140.45	62.17	-140.45	153.60	156.12	0.68
2197.00	6.55	145.61	2187.32	-140.54	62.24	-140.54	153.71	156.11	1.33
2198.00	6.55	145.57	2188.31	-140.64	62.30	-140.64	153.82	156.11	0.70
2199.00	6.56	145.58	2189.31	-140.73	62.37	-140.73	153.93	156.10	0.91
2200.00	6.56	145.52	2190.30	-140.83	62.43	-140.83	154.04	156.09	0.71
2201.00	6.56	145.48	2191.29	-140.92	62.50	-140.92	154.16	156.08	0.50
2202.00	6.56	145.46	2192.29	-141.01	62.56	-141.01	154.27	156.08	0.26
2203.00	6.57	145.41	2193.28	-141.11	62.63	-141.11	154.38	156.07	0.68
2204.00	6.57	145.36	2194.27	-141.20	62.69	-141.20	154.49	156.06	0.71
2205.00	6.57	145.33	2195.27	-141.30	62.76	-141.30	154.61	156.05	0.46
2206.00	6.58	145.28	2196.26	-141.39	62.82	-141.39	154.72	156.04	0.72
2207.00	6.58	145.21	2197.25	-141.49	62.89	-141.49	154.83	156.04	0.92
2208.00	6.58	145.16	2198.25	-141.58	62.95	-141.58	154.94	156.03	0.63
2209.00	6.59	145.13	2199.24	-141.67	63.02	-141.67	155.06	156.02	0.43
2210.00	6.58	145.10	2200.23	-141.77	63.08	-141.77	155.17	156.01	0.43
2211.00	6.58	145.06	2201.23	-141.86	63.15	-141.86	155.28	156.00	0.46
2212.00	6.58	145.01	2202.22	-141.96	63.21	-141.96	155.39	156.00	0.56
2213.00	6.59	144.94	2203.21	-142.05	63.28	-142.05	155.51	155.99	0.82
2214.00	6.59	144.88	2204.21	-142.14	63.35	-142.14	155.62	155.98	0.84
2215.00	6.60	144.82	2205.20	-142.24	63.41	-142.24	155.73	155.97	0.95
2216.00	6.60	144.77	2206.20	-142.33	63.48	-142.33	155.84	155.96	0.73
2217.00	6.60	144.71	2207.19	-142.43	63.54	-142.43	155.96	155.96	0.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2218.00	6.60	144.67	2208.18	-142.52	63.61	-142.52	156.07	155.95	0.55
2219.00	6.61	144.63	2209.18	-142.61	63.68	-142.61	156.18	155.94	0.59
2220.00	6.61	144.58	2210.17	-142.71	63.74	-142.71	156.30	155.93	0.67
2221.00	6.61	144.53	2211.16	-142.80	63.81	-142.80	156.41	155.92	0.56
2222.00	6.62	144.49	2212.16	-142.89	63.88	-142.89	156.52	155.91	0.55
2223.00	6.62	144.49	2213.15	-142.99	63.94	-142.99	156.63	155.91	0.12
2224.00	6.62	144.44	2214.14	-143.08	64.01	-143.08	156.75	155.90	0.72
2225.00	6.62	144.38	2215.14	-143.18	64.08	-143.18	156.86	155.89	0.71
2226.00	6.63	144.34	2216.13	-143.27	64.15	-143.27	156.97	155.88	0.66
2227.00	6.63	144.30	2217.12	-143.36	64.21	-143.36	157.09	155.87	0.53
2228.00	6.63	144.29	2218.12	-143.46	64.28	-143.46	157.20	155.86	0.40
2229.00	6.64	144.29	2219.11	-143.55	64.35	-143.55	157.31	155.86	0.31
2230.00	6.64	144.28	2220.10	-143.64	64.42	-143.64	157.43	155.85	0.32
2231.00	6.64	144.25	2221.10	-143.74	64.48	-143.74	157.54	155.84	0.50
2232.00	6.65	144.22	2222.09	-143.83	64.55	-143.83	157.65	155.83	0.62
2233.00	6.65	144.20	2223.08	-143.93	64.62	-143.93	157.77	155.82	0.57
2234.00	6.66	144.17	2224.07	-144.02	64.69	-144.02	157.88	155.81	0.38
2235.00	6.66	144.12	2225.07	-144.11	64.75	-144.11	157.99	155.80	0.60
2236.00	6.66	144.07	2226.06	-144.21	64.82	-144.21	158.11	155.80	0.71
2237.00	6.67	144.03	2227.05	-144.30	64.89	-144.30	158.22	155.79	1.01
2238.00	6.68	144.00	2228.05	-144.40	64.96	-144.40	158.33	155.78	0.78
2239.00	6.68	143.97	2229.04	-144.49	65.03	-144.49	158.45	155.77	0.41
2240.00	6.69	143.95	2230.03	-144.58	65.10	-144.58	158.56	155.76	0.63
2241.00	6.70	143.95	2231.03	-144.68	65.16	-144.68	158.68	155.75	1.10
2242.00	6.70	143.90	2232.02	-144.77	65.23	-144.77	158.79	155.74	0.56
2243.00	6.70	143.86	2233.01	-144.87	65.30	-144.87	158.91	155.74	0.55
2244.00	6.71	143.83	2234.01	-144.96	65.37	-144.96	159.02	155.73	0.88
2245.00	6.71	143.79	2235.00	-145.06	65.44	-145.06	159.13	155.72	0.91
2246.00	6.72	143.73	2235.99	-145.15	65.51	-145.15	159.25	155.71	0.95
2247.00	6.73	143.67	2236.99	-145.24	65.58	-145.24	159.36	155.70	0.98
2248.00	6.73	143.60	2237.98	-145.34	65.65	-145.34	159.48	155.69	1.10
2249.00	6.74	143.49	2238.97	-145.43	65.72	-145.43	159.59	155.68	1.40
2250.00	6.74	143.44	2239.97	-145.53	65.79	-145.53	159.71	155.67	0.71
2251.00	6.75	143.39	2240.96	-145.62	65.86	-145.62	159.82	155.67	0.63
2252.00	6.76	143.37	2241.95	-145.72	65.93	-145.72	159.94	155.66	0.89
2253.00	6.76	143.32	2242.94	-145.81	66.00	-145.81	160.05	155.65	0.85
2254.00	6.76	143.25	2243.94	-145.91	66.07	-145.91	160.17	155.64	0.93
2255.00	6.77	143.14	2244.93	-146.00	66.14	-146.00	160.28	155.63	1.31
2256.00	6.77	143.04	2245.92	-146.09	66.21	-146.09	160.40	155.62	1.25
2257.00	6.78	142.96	2246.92	-146.19	66.28	-146.19	160.51	155.61	1.12

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2258.00	6.78	142.91	2247.91	-146.28	66.35	-146.28	160.63	155.60	0.76
2259.00	6.79	142.86	2248.90	-146.38	66.42	-146.38	160.74	155.59	0.68
2260.00	6.79	142.79	2249.90	-146.47	66.49	-146.47	160.86	155.58	1.06
2261.00	6.80	142.74	2250.89	-146.56	66.57	-146.56	160.97	155.57	0.80
2262.00	6.80	142.70	2251.88	-146.66	66.64	-146.66	161.09	155.56	0.63
2263.00	6.81	142.68	2252.87	-146.75	66.71	-146.75	161.20	155.56	0.48
2264.00	6.81	142.65	2253.87	-146.85	66.78	-146.85	161.32	155.55	0.46
2265.00	6.82	142.60	2254.86	-146.94	66.85	-146.94	161.43	155.54	0.81
2266.00	6.82	142.52	2255.85	-147.04	66.93	-147.04	161.55	155.53	1.04
2267.00	6.83	142.39	2256.85	-147.13	67.00	-147.13	161.67	155.52	1.63
2268.00	6.83	142.33	2257.84	-147.22	67.07	-147.22	161.78	155.51	0.99
2269.00	6.84	142.28	2258.83	-147.32	67.14	-147.32	161.90	155.50	0.75
2270.00	6.84	142.26	2259.83	-147.41	67.22	-147.41	162.01	155.49	0.35
2271.00	6.85	142.23	2260.82	-147.51	67.29	-147.51	162.13	155.48	0.61
2272.00	6.85	142.20	2261.81	-147.60	67.36	-147.60	162.25	155.47	0.88
2273.00	6.86	142.14	2262.80	-147.70	67.43	-147.70	162.36	155.46	0.81
2274.00	6.86	142.08	2263.80	-147.79	67.51	-147.79	162.48	155.45	0.79
2275.00	6.87	142.04	2264.79	-147.88	67.58	-147.88	162.59	155.44	0.82
2276.00	6.87	142.01	2265.78	-147.98	67.66	-147.98	162.71	155.43	0.32
2277.00	6.87	141.98	2266.78	-148.07	67.73	-148.07	162.83	155.42	0.48
2278.00	6.88	141.93	2267.77	-148.17	67.80	-148.17	162.94	155.41	0.81
2279.00	6.88	141.87	2268.76	-148.26	67.88	-148.26	163.06	155.40	0.98
2280.00	6.89	141.80	2269.75	-148.36	67.95	-148.36	163.18	155.39	1.09
2281.00	6.89	141.79	2270.75	-148.45	68.02	-148.45	163.29	155.38	0.48
2282.00	6.90	141.79	2271.74	-148.54	68.10	-148.54	163.41	155.37	0.47
2283.00	6.90	141.77	2272.73	-148.64	68.17	-148.64	163.53	155.36	0.58
2284.00	6.91	141.69	2273.72	-148.73	68.25	-148.73	163.64	155.35	1.11
2285.00	6.92	141.61	2274.72	-148.83	68.32	-148.83	163.76	155.34	1.18
2286.00	6.92	141.50	2275.71	-148.92	68.40	-148.92	163.88	155.33	1.31
2287.00	6.92	141.42	2276.70	-149.02	68.47	-149.02	163.99	155.32	1.04
2288.00	6.93	141.37	2277.70	-149.11	68.55	-149.11	164.11	155.31	1.05
2289.00	6.94	141.32	2278.69	-149.20	68.62	-149.20	164.23	155.30	1.03
2290.00	6.95	141.27	2279.68	-149.30	68.70	-149.30	164.35	155.29	1.03
2291.00	6.95	141.20	2280.67	-149.39	68.77	-149.39	164.46	155.28	1.03
2292.00	6.96	141.12	2281.67	-149.49	68.85	-149.49	164.58	155.27	1.12
2293.00	6.96	141.03	2282.66	-149.58	68.93	-149.58	164.70	155.26	1.29
2294.00	6.97	140.97	2283.65	-149.68	69.00	-149.68	164.82	155.25	1.04
2295.00	6.98	140.92	2284.64	-149.77	69.08	-149.77	164.93	155.24	0.95
2296.00	6.99	140.85	2285.64	-149.86	69.16	-149.86	165.05	155.23	1.26
2297.00	7.00	140.77	2286.63	-149.96	69.23	-149.96	165.17	155.22	1.36

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2298.00	7.00	140.69	2287.62	-150.05	69.31	-150.05	165.29	155.21	1.12
2299.00	7.01	140.63	2288.61	-150.15	69.39	-150.15	165.41	155.20	1.07
2300.00	7.02	140.60	2289.61	-150.24	69.47	-150.24	165.52	155.19	1.05
2301.00	7.03	140.51	2290.60	-150.34	69.54	-150.34	165.64	155.18	1.59
2302.00	7.04	140.40	2291.59	-150.43	69.62	-150.43	165.76	155.16	1.68
2303.00	7.05	140.34	2292.58	-150.53	69.70	-150.53	165.88	155.15	0.94
2304.00	7.06	140.28	2293.58	-150.62	69.78	-150.62	166.00	155.14	1.10
2305.00	7.07	140.22	2294.57	-150.71	69.86	-150.71	166.12	155.13	1.59
2306.00	7.08	140.15	2295.56	-150.81	69.93	-150.81	166.24	155.12	1.34
2307.00	7.09	140.07	2296.55	-150.90	70.01	-150.90	166.35	155.11	1.10
2308.00	7.09	140.03	2297.55	-151.00	70.09	-151.00	166.47	155.10	0.52
2309.00	7.09	140.00	2298.54	-151.09	70.17	-151.09	166.59	155.09	0.57
2310.00	7.10	139.94	2299.53	-151.19	70.25	-151.19	166.71	155.08	1.11
2311.00	7.11	139.89	2300.52	-151.28	70.33	-151.28	166.83	155.07	1.12
2312.00	7.12	139.82	2301.52	-151.38	70.41	-151.38	166.95	155.05	1.14
2313.00	7.13	139.77	2302.51	-151.47	70.49	-151.47	167.07	155.04	1.08
2314.00	7.14	139.72	2303.50	-151.57	70.57	-151.57	167.19	155.03	1.04
2315.00	7.14	139.71	2304.49	-151.66	70.65	-151.66	167.31	155.02	0.41
2316.00	7.14	139.70	2305.48	-151.76	70.73	-151.76	167.43	155.01	0.42
2317.00	7.15	139.72	2306.48	-151.85	70.81	-151.85	167.55	155.00	0.74
2318.00	7.15	139.72	2307.47	-151.95	70.89	-151.95	167.67	154.99	0.47
2319.00	7.16	139.69	2308.46	-152.04	70.97	-152.04	167.79	154.98	0.41
2320.00	7.16	139.63	2309.45	-152.14	71.05	-152.14	167.91	154.97	0.77
2321.00	7.16	139.57	2310.45	-152.23	71.14	-152.23	168.03	154.95	0.81
2322.00	7.16	139.53	2311.44	-152.33	71.22	-152.33	168.15	154.94	0.48
2323.00	7.16	139.50	2312.43	-152.42	71.30	-152.42	168.27	154.93	0.37
2324.00	7.16	139.50	2313.42	-152.51	71.38	-152.51	168.39	154.92	0.54
2325.00	7.17	139.51	2314.41	-152.61	71.46	-152.61	168.51	154.91	0.47
2326.00	7.17	139.53	2315.41	-152.70	71.54	-152.70	168.63	154.90	0.48
2327.00	7.19	139.47	2316.40	-152.80	71.62	-152.80	168.75	154.89	1.45
2328.00	7.19	139.42	2317.39	-152.89	71.70	-152.89	168.87	154.87	0.93
2329.00	7.19	139.40	2318.38	-152.99	71.78	-152.99	168.99	154.86	0.58
2330.00	7.19	139.38	2319.38	-153.08	71.87	-153.08	169.11	154.85	0.28
2331.00	7.19	139.36	2320.37	-153.18	71.95	-153.18	169.23	154.84	0.41
2332.00	7.19	139.34	2321.36	-153.27	72.03	-153.27	169.36	154.83	0.26
2333.00	7.19	139.32	2322.35	-153.37	72.11	-153.37	169.48	154.82	0.25
2334.00	7.19	139.33	2323.34	-153.46	72.19	-153.46	169.60	154.81	0.14
2335.00	7.19	139.33	2324.34	-153.56	72.27	-153.56	169.72	154.80	0.08
2336.00	7.19	139.31	2325.33	-153.65	72.36	-153.65	169.84	154.78	0.34
2337.00	7.20	139.28	2326.32	-153.75	72.44	-153.75	169.96	154.77	0.56

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2338.00	7.20	139.23	2327.31	-153.84	72.52	-153.84	170.08	154.76	0.89
2339.00	7.21	139.22	2328.30	-153.94	72.60	-153.94	170.20	154.75	0.33
2340.00	7.21	139.23	2329.30	-154.03	72.68	-154.03	170.32	154.74	0.23
2341.00	7.21	139.22	2330.29	-154.13	72.76	-154.13	170.44	154.73	0.50
2342.00	7.22	139.20	2331.28	-154.22	72.85	-154.22	170.56	154.72	0.58
2343.00	7.22	139.17	2332.27	-154.32	72.93	-154.32	170.68	154.71	0.42
2344.00	7.22	139.14	2333.26	-154.41	73.01	-154.41	170.81	154.69	0.48
2345.00	7.22	139.13	2334.26	-154.51	73.09	-154.51	170.93	154.68	0.44
2346.00	7.23	139.12	2335.25	-154.60	73.18	-154.60	171.05	154.67	0.48
2347.00	7.22	139.14	2336.24	-154.70	73.26	-154.70	171.17	154.66	0.61
2348.00	7.22	139.15	2337.23	-154.79	73.34	-154.79	171.29	154.65	0.32
2349.00	7.23	139.15	2338.22	-154.89	73.42	-154.89	171.41	154.64	0.92
2350.00	7.24	139.14	2339.22	-154.99	73.50	-154.99	171.53	154.63	0.57
2351.00	7.24	139.13	2340.21	-155.08	73.59	-155.08	171.65	154.62	0.12
2352.00	7.24	139.13	2341.20	-155.18	73.67	-155.18	171.78	154.60	0.39
2353.00	7.25	139.13	2342.19	-155.27	73.75	-155.27	171.90	154.59	0.64
2354.00	7.25	139.12	2343.19	-155.37	73.83	-155.37	172.02	154.58	0.56
2355.00	7.26	139.10	2344.18	-155.46	73.92	-155.46	172.14	154.57	0.55
2356.00	7.26	139.07	2345.17	-155.56	74.00	-155.56	172.26	154.56	0.33
2357.00	7.25	139.04	2346.16	-155.65	74.08	-155.65	172.38	154.55	0.69
2358.00	7.25	139.01	2347.15	-155.75	74.17	-155.75	172.50	154.54	0.50
2359.00	7.26	138.97	2348.15	-155.84	74.25	-155.84	172.63	154.53	0.97
2360.00	7.26	138.93	2349.14	-155.94	74.33	-155.94	172.75	154.51	0.63
2361.00	7.27	138.89	2350.13	-156.03	74.41	-156.03	172.87	154.50	0.57
2362.00	7.27	138.87	2351.12	-156.13	74.50	-156.13	172.99	154.49	0.24
2363.00	7.27	138.85	2352.11	-156.22	74.58	-156.22	173.11	154.48	0.22
2364.00	7.27	138.85	2353.10	-156.32	74.66	-156.32	173.24	154.47	0.45
2365.00	7.27	138.84	2354.10	-156.42	74.75	-156.42	173.36	154.46	0.25
2366.00	7.27	138.84	2355.09	-156.51	74.83	-156.51	173.48	154.45	0.55
2367.00	7.26	138.83	2356.08	-156.61	74.91	-156.61	173.60	154.44	0.37
2368.00	7.27	138.82	2357.07	-156.70	75.00	-156.70	173.72	154.42	0.20
2369.00	7.27	138.81	2358.06	-156.80	75.08	-156.80	173.84	154.41	0.23
2370.00	7.27	138.81	2359.06	-156.89	75.16	-156.89	173.97	154.40	0.30
2371.00	7.28	138.79	2360.05	-156.99	75.25	-156.99	174.09	154.39	0.53
2372.00	7.28	138.77	2361.04	-157.08	75.33	-157.08	174.21	154.38	0.64
2373.00	7.28	138.73	2362.03	-157.18	75.41	-157.18	174.33	154.37	0.48
2374.00	7.28	138.70	2363.02	-157.27	75.50	-157.27	174.45	154.36	0.46
2375.00	7.28	138.72	2364.02	-157.37	75.58	-157.37	174.58	154.35	0.25
2376.00	7.28	138.74	2365.01	-157.46	75.66	-157.46	174.70	154.33	0.25
2377.00	7.29	138.71	2366.00	-157.56	75.75	-157.56	174.82	154.32	0.95

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2378.00	7.29	138.68	2366.99	-157.65	75.83	-157.65	174.94	154.31	0.79
2379.00	7.29	138.68	2367.98	-157.75	75.92	-157.75	175.07	154.30	0.73
2380.00	7.28	138.68	2368.98	-157.84	76.00	-157.84	175.19	154.29	0.49
2381.00	7.28	138.71	2369.97	-157.94	76.08	-157.94	175.31	154.28	0.57
2382.00	7.29	138.71	2370.96	-158.03	76.17	-158.03	175.43	154.27	0.48
2383.00	7.29	138.68	2371.95	-158.13	76.25	-158.13	175.55	154.26	0.63
2384.00	7.30	138.66	2372.94	-158.22	76.33	-158.22	175.68	154.25	0.32
2385.00	7.30	138.64	2373.94	-158.32	76.42	-158.32	175.80	154.23	0.27
2386.00	7.30	138.64	2374.93	-158.42	76.50	-158.42	175.92	154.22	0.34
2387.00	7.30	138.64	2375.92	-158.51	76.59	-158.51	176.04	154.21	0.41
2388.00	7.31	138.61	2376.91	-158.61	76.67	-158.61	176.17	154.20	0.77
2389.00	7.32	138.59	2377.90	-158.70	76.75	-158.70	176.29	154.19	0.51
2390.00	7.31	138.58	2378.90	-158.80	76.84	-158.80	176.41	154.18	0.22
2391.00	7.31	138.58	2379.89	-158.89	76.92	-158.89	176.53	154.17	0.23
2392.00	7.31	138.61	2380.88	-158.99	77.01	-158.99	176.66	154.16	0.43
2393.00	7.31	138.65	2381.87	-159.08	77.09	-159.08	176.78	154.15	0.55
2394.00	7.32	138.69	2382.86	-159.18	77.18	-159.18	176.90	154.13	0.87
2395.00	7.32	138.70	2383.85	-159.28	77.26	-159.28	177.02	154.12	0.37
2396.00	7.32	138.71	2384.85	-159.37	77.34	-159.37	177.15	154.11	0.25
2397.00	7.33	138.72	2385.84	-159.47	77.43	-159.47	177.27	154.10	0.22
2398.00	7.33	138.74	2386.83	-159.56	77.51	-159.56	177.39	154.09	0.23
2399.00	7.33	138.77	2387.82	-159.66	77.60	-159.66	177.52	154.08	0.36
2400.00	7.33	138.79	2388.81	-159.75	77.68	-159.75	177.64	154.07	0.29
2401.00	7.33	138.77	2389.81	-159.85	77.76	-159.85	177.76	154.06	0.42
2402.00	7.33	138.76	2390.80	-159.95	77.85	-159.95	177.89	154.05	0.23
2403.00	7.33	138.78	2391.79	-160.04	77.93	-160.04	178.01	154.04	0.25
2404.00	7.33	138.80	2392.78	-160.14	78.02	-160.14	178.13	154.03	0.34
2405.00	7.33	138.83	2393.77	-160.23	78.10	-160.23	178.25	154.01	0.43
2406.00	7.33	138.84	2394.76	-160.33	78.18	-160.33	178.38	154.00	0.21
2407.00	7.33	138.84	2395.76	-160.43	78.27	-160.43	178.50	153.99	0.55
2408.00	7.33	138.85	2396.75	-160.52	78.35	-160.52	178.62	153.98	0.19
2409.00	7.33	138.88	2397.74	-160.62	78.44	-160.62	178.75	153.97	0.53
2410.00	7.33	138.92	2398.73	-160.71	78.52	-160.71	178.87	153.96	0.61
2411.00	7.33	138.96	2399.72	-160.81	78.60	-160.81	178.99	153.95	0.53
2412.00	7.33	138.99	2400.72	-160.91	78.69	-160.91	179.12	153.94	0.34
2413.00	7.33	139.01	2401.71	-161.00	78.77	-161.00	179.24	153.93	0.30
2414.00	7.33	139.02	2402.70	-161.10	78.85	-161.10	179.36	153.92	0.48
2415.00	7.32	139.03	2403.69	-161.20	78.94	-161.20	179.49	153.91	0.33
2416.00	7.33	139.07	2404.68	-161.29	79.02	-161.29	179.61	153.90	0.51
2417.00	7.33	139.08	2405.67	-161.39	79.11	-161.39	179.73	153.89	0.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2418.00	7.32	139.08	2406.67	-161.48	79.19	-161.48	179.86	153.88	0.28
2419.00	7.32	139.11	2407.66	-161.58	79.27	-161.58	179.98	153.87	0.35
2420.00	7.32	139.17	2408.65	-161.68	79.36	-161.68	180.10	153.86	0.72
2421.00	7.32	139.20	2409.64	-161.77	79.44	-161.77	180.23	153.85	0.41
2422.00	7.32	139.22	2410.63	-161.87	79.52	-161.87	180.35	153.84	0.41
2423.00	7.32	139.25	2411.63	-161.97	79.61	-161.97	180.47	153.83	0.35
2424.00	7.32	139.26	2412.62	-162.06	79.69	-162.06	180.60	153.82	0.34
2425.00	7.32	139.27	2413.61	-162.16	79.77	-162.16	180.72	153.81	0.22
2426.00	7.32	139.29	2414.60	-162.26	79.86	-162.26	180.84	153.80	0.30
2427.00	7.32	139.36	2415.59	-162.35	79.94	-162.35	180.97	153.79	1.00
2428.00	7.31	139.42	2416.59	-162.45	80.02	-162.45	181.09	153.78	0.91
2429.00	7.31	139.43	2417.58	-162.55	80.10	-162.55	181.21	153.77	0.06
2430.00	7.31	139.43	2418.57	-162.64	80.19	-162.64	181.34	153.76	0.06
2431.00	7.31	139.49	2419.56	-162.74	80.27	-162.74	181.46	153.75	0.73
2432.00	7.31	139.55	2420.55	-162.84	80.35	-162.84	181.58	153.74	0.73
2433.00	7.31	139.64	2421.54	-162.93	80.43	-162.93	181.71	153.73	1.18
2434.00	7.31	139.69	2422.54	-163.03	80.52	-163.03	181.83	153.72	0.75
2435.00	7.31	139.73	2423.53	-163.13	80.60	-163.13	181.95	153.71	0.54
2436.00	7.31	139.77	2424.52	-163.22	80.68	-163.22	182.08	153.70	0.65
2437.00	7.30	139.80	2425.51	-163.32	80.76	-163.32	182.20	153.69	0.69
2438.00	7.30	139.84	2426.50	-163.42	80.85	-163.42	182.32	153.68	0.64
2439.00	7.29	139.89	2427.50	-163.52	80.93	-163.52	182.45	153.67	0.65
2440.00	6.67	145.86	2428.49	-163.61	81.00	-163.61	182.57	153.66	95.47
2441.00	7.19	140.95	2429.48	-163.71	81.07	-163.71	182.68	153.65	78.92
2442.00	7.29	140.02	2430.47	-163.81	81.15	-163.81	182.81	153.65	15.32
2443.00	7.29	140.07	2431.46	-163.90	81.23	-163.90	182.93	153.64	0.91
2444.00	7.29	140.13	2432.46	-164.00	81.32	-164.00	183.05	153.63	0.69
2445.00	7.28	140.17	2433.45	-164.10	81.40	-164.10	183.18	153.62	0.62
2446.00	7.28	140.19	2434.44	-164.20	81.48	-164.20	183.30	153.61	0.72
2447.00	7.27	140.24	2435.43	-164.29	81.56	-164.29	183.42	153.60	0.95
2448.00	7.26	140.33	2436.42	-164.39	81.64	-164.39	183.55	153.59	1.30
2449.00	7.26	140.44	2437.42	-164.49	81.72	-164.49	183.67	153.58	1.55
2450.00	7.25	140.58	2438.41	-164.59	81.80	-164.59	183.79	153.57	1.92
2451.00	7.24	140.73	2439.40	-164.68	81.88	-164.68	183.92	153.56	1.99
2452.00	7.23	140.87	2440.39	-164.78	81.96	-164.78	184.04	153.55	2.14
2453.00	7.21	140.98	2441.38	-164.88	82.04	-164.88	184.16	153.55	2.01
2454.00	7.20	141.07	2442.38	-164.98	82.12	-164.98	184.28	153.54	1.90
2455.00	7.20	141.15	2443.37	-165.07	82.20	-165.07	184.41	153.53	1.00
2456.00	7.19	141.23	2444.36	-165.17	82.28	-165.17	184.53	153.52	1.08
2457.00	7.18	141.32	2445.35	-165.27	82.35	-165.27	184.65	153.51	1.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2458.00	7.18	141.40	2446.35	-165.37	82.43	-165.37	184.77	153.50	1.34
2459.00	7.17	141.56	2447.34	-165.46	82.51	-165.46	184.89	153.50	2.20
2460.00	7.15	141.71	2448.33	-165.56	82.59	-165.56	185.02	153.49	2.33
2461.00	7.13	141.87	2449.32	-165.66	82.66	-165.66	185.14	153.48	2.71
2462.00	7.12	142.00	2450.31	-165.76	82.74	-165.76	185.26	153.47	2.00
2463.00	7.12	142.13	2451.31	-165.85	82.82	-165.85	185.38	153.47	1.72
2464.00	7.11	142.27	2452.30	-165.95	82.89	-165.95	185.50	153.46	1.96
2465.00	7.10	142.43	2453.29	-166.05	82.97	-166.05	185.62	153.45	2.21
2466.00	7.08	142.60	2454.28	-166.15	83.04	-166.15	185.75	153.44	2.58
2467.00	7.07	142.78	2455.28	-166.25	83.12	-166.25	185.87	153.44	2.69
2468.00	7.06	142.87	2456.27	-166.34	83.19	-166.34	185.99	153.43	1.40
2469.00	7.05	142.97	2457.26	-166.44	83.27	-166.44	186.11	153.42	1.40
2470.00	7.05	143.06	2458.25	-166.54	83.34	-166.54	186.23	153.42	1.13
2471.00	7.05	143.15	2459.25	-166.64	83.41	-166.64	186.35	153.41	1.14
2472.00	7.04	143.25	2460.24	-166.74	83.49	-166.74	186.47	153.40	1.43
2473.00	7.03	143.35	2461.23	-166.83	83.56	-166.83	186.59	153.40	1.40
2474.00	7.03	143.45	2462.22	-166.93	83.63	-166.93	186.71	153.39	1.36
2475.00	7.02	143.53	2463.22	-167.03	83.71	-167.03	186.83	153.38	1.10
2476.00	7.01	143.57	2464.21	-167.13	83.78	-167.13	186.95	153.38	0.92
2477.00	7.00	143.59	2465.20	-167.23	83.85	-167.23	187.07	153.37	0.99
2478.00	6.99	143.59	2466.19	-167.33	83.92	-167.33	187.19	153.36	1.08
2479.00	6.99	143.62	2467.19	-167.42	84.00	-167.42	187.31	153.36	0.39
2480.00	7.00	143.66	2468.18	-167.52	84.07	-167.52	187.43	153.35	0.83
2481.00	7.00	143.69	2469.17	-167.62	84.14	-167.62	187.55	153.34	0.32
2482.00	7.00	143.71	2470.16	-167.72	84.21	-167.72	187.67	153.34	0.45
2483.00	6.99	143.71	2471.16	-167.82	84.28	-167.82	187.79	153.33	0.44
2484.00	6.99	143.72	2472.15	-167.91	84.36	-167.91	187.91	153.33	0.44
2485.00	7.00	143.71	2473.14	-168.01	84.43	-168.01	188.03	153.32	0.79
2486.00	7.00	143.70	2474.13	-168.11	84.50	-168.11	188.15	153.31	0.66
2487.00	7.00	143.68	2475.13	-168.21	84.57	-168.21	188.27	153.31	0.32
2488.00	7.00	143.66	2476.12	-168.31	84.64	-168.31	188.39	153.30	0.32
2489.00	7.00	143.69	2477.11	-168.41	84.72	-168.41	188.51	153.30	0.44
2490.00	7.00	143.72	2478.10	-168.50	84.79	-168.50	188.63	153.29	0.49
2491.00	7.00	143.73	2479.10	-168.60	84.86	-168.60	188.75	153.28	0.51
2492.00	6.99	143.74	2480.09	-168.70	84.93	-168.70	188.87	153.28	0.43
2493.00	6.99	143.75	2481.08	-168.80	85.01	-168.80	188.99	153.27	0.42
2494.00	7.00	143.76	2482.07	-168.90	85.08	-168.90	189.11	153.26	0.46
2495.00	7.00	143.78	2483.07	-168.99	85.15	-168.99	189.23	153.26	0.54
2496.00	7.01	143.79	2484.06	-169.09	85.22	-169.09	189.35	153.25	0.54
2497.00	7.00	143.81	2485.05	-169.19	85.29	-169.19	189.47	153.25	0.72

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2498.00	7.00	143.83	2486.04	-169.29	85.37	-169.29	189.60	153.24	0.59
2499.00	7.00	143.83	2487.04	-169.39	85.44	-169.39	189.72	153.23	0.64
2500.00	7.01	143.82	2488.03	-169.49	85.51	-169.49	189.84	153.23	0.17
2501.00	7.00	143.83	2489.02	-169.58	85.58	-169.58	189.96	153.22	0.54
2502.00	7.00	143.85	2490.01	-169.68	85.65	-169.68	190.08	153.22	0.40
2503.00	7.00	143.89	2491.01	-169.78	85.73	-169.78	190.20	153.21	0.52
2504.00	7.00	143.92	2492.00	-169.88	85.80	-169.88	190.32	153.20	0.39
2505.00	7.00	143.93	2492.99	-169.98	85.87	-169.98	190.44	153.20	0.43
2506.00	6.99	143.94	2493.98	-170.08	85.94	-170.08	190.56	153.19	0.91
2507.00	6.99	143.95	2494.98	-170.18	86.01	-170.18	190.68	153.19	0.81
2508.00	6.99	143.96	2495.97	-170.27	86.08	-170.27	190.80	153.18	0.26
2509.00	6.99	143.98	2496.96	-170.37	86.16	-170.37	190.92	153.17	0.29
2510.00	6.99	144.02	2497.95	-170.47	86.23	-170.47	191.04	153.17	0.59
2511.00	7.00	144.06	2498.95	-170.57	86.30	-170.57	191.16	153.16	0.67
2512.00	7.01	144.10	2499.94	-170.67	86.37	-170.67	191.28	153.16	0.96
2513.00	7.01	144.15	2500.93	-170.77	86.44	-170.77	191.40	153.15	0.61
2514.00	7.00	144.22	2501.92	-170.87	86.51	-170.87	191.52	153.15	1.35
2515.00	6.99	144.26	2502.92	-170.96	86.58	-170.96	191.64	153.14	0.61
2516.00	6.99	144.27	2503.91	-171.06	86.65	-171.06	191.76	153.13	0.17
2517.00	7.00	144.29	2504.90	-171.16	86.73	-171.16	191.88	153.13	0.30
2518.00	7.00	144.31	2505.90	-171.26	86.80	-171.26	192.00	153.12	0.61
2519.00	7.01	144.32	2506.89	-171.36	86.87	-171.36	192.12	153.12	0.68
2520.00	7.02	144.31	2507.88	-171.46	86.94	-171.46	192.24	153.11	0.79
2521.00	7.01	144.31	2508.87	-171.56	87.01	-171.56	192.36	153.11	0.36
2522.00	7.00	144.29	2509.87	-171.66	87.08	-171.66	192.48	153.10	0.84
2523.00	7.01	144.28	2510.86	-171.76	87.15	-171.76	192.60	153.10	0.83
2524.00	7.02	144.27	2511.85	-171.86	87.22	-171.86	192.72	153.09	0.71
2525.00	7.02	144.26	2512.84	-171.96	87.30	-171.96	192.84	153.08	0.25
2526.00	7.02	144.24	2513.84	-172.05	87.37	-172.05	192.97	153.08	0.26
2527.00	7.03	144.22	2514.83	-172.15	87.44	-172.15	193.09	153.07	0.33
2528.00	7.03	144.21	2515.82	-172.25	87.51	-172.25	193.21	153.07	0.23
2529.00	7.03	144.22	2516.81	-172.35	87.58	-172.35	193.33	153.06	0.23
2530.00	7.03	144.24	2517.81	-172.45	87.65	-172.45	193.45	153.06	0.55
2531.00	7.04	144.25	2518.80	-172.55	87.72	-172.55	193.57	153.05	0.77
2532.00	7.04	144.26	2519.79	-172.65	87.80	-172.65	193.69	153.05	0.43
2533.00	7.03	144.27	2520.78	-172.75	87.87	-172.75	193.81	153.04	0.71
2534.00	7.04	144.27	2521.78	-172.85	87.94	-172.85	193.93	153.03	0.78
2535.00	7.05	144.28	2522.77	-172.95	88.01	-172.95	194.05	153.03	0.94
2536.00	7.05	144.27	2523.76	-173.05	88.08	-173.05	194.18	153.02	0.15
2537.00	7.04	144.25	2524.75	-173.15	88.15	-173.15	194.30	153.02	0.36

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2538.00	7.05	144.24	2525.74	-173.25	88.23	-173.25	194.42	153.01	0.60
2539.00	7.06	144.24	2526.74	-173.35	88.30	-173.35	194.54	153.01	0.97
2540.00	7.06	144.23	2527.73	-173.45	88.37	-173.45	194.66	153.00	0.14
2541.00	7.06	144.23	2528.72	-173.55	88.44	-173.55	194.78	153.00	0.26
2542.00	7.06	144.22	2529.71	-173.65	88.51	-173.65	194.90	152.99	0.51
2543.00	7.07	144.21	2530.71	-173.75	88.59	-173.75	195.03	152.99	0.84
2544.00	7.06	144.20	2531.70	-173.85	88.66	-173.85	195.15	152.98	0.64
2545.00	7.06	144.19	2532.69	-173.95	88.73	-173.95	195.27	152.97	0.70
2546.00	7.06	144.19	2533.68	-174.05	88.80	-174.05	195.39	152.97	0.17
2547.00	7.06	144.19	2534.68	-174.14	88.87	-174.14	195.51	152.96	0.17
2548.00	7.06	144.19	2535.67	-174.24	88.94	-174.24	195.63	152.96	0.16
2549.00	7.06	144.20	2536.66	-174.34	89.02	-174.34	195.75	152.95	0.25
2550.00	7.07	144.22	2537.65	-174.44	89.09	-174.44	195.88	152.95	0.42
2551.00	7.06	144.22	2538.65	-174.54	89.16	-174.54	196.00	152.94	0.29
2552.00	7.06	144.23	2539.64	-174.64	89.23	-174.64	196.12	152.94	0.54
2553.00	7.06	144.26	2540.63	-174.74	89.30	-174.74	196.24	152.93	0.37
2554.00	7.06	144.29	2541.62	-174.84	89.38	-174.84	196.36	152.92	0.36
2555.00	7.07	144.26	2542.62	-174.94	89.45	-174.94	196.48	152.92	0.56
2556.00	7.07	144.25	2543.61	-175.04	89.52	-175.04	196.61	152.91	0.48
2557.00	7.07	144.26	2544.60	-175.14	89.59	-175.14	196.73	152.91	0.27
2558.00	7.07	144.27	2545.59	-175.24	89.66	-175.24	196.85	152.90	0.27
2559.00	7.07	144.27	2546.59	-175.34	89.74	-175.34	196.97	152.90	0.39
2560.00	7.07	144.28	2547.58	-175.44	89.81	-175.44	197.09	152.89	0.39
2561.00	7.07	144.26	2548.57	-175.54	89.88	-175.54	197.21	152.89	0.70
2562.00	7.08	144.24	2549.56	-175.64	89.95	-175.64	197.34	152.88	0.61
2563.00	7.08	144.22	2550.56	-175.74	90.02	-175.74	197.46	152.88	0.28
2564.00	7.08	144.19	2551.55	-175.84	90.10	-175.84	197.58	152.87	0.37
2565.00	7.08	144.15	2552.54	-175.94	90.17	-175.94	197.70	152.87	0.52
2566.00	7.09	144.11	2553.53	-176.04	90.24	-176.04	197.82	152.86	0.54
2567.00	7.09	144.07	2554.52	-176.14	90.31	-176.14	197.95	152.85	0.55
2568.00	7.09	144.06	2555.52	-176.24	90.38	-176.24	198.07	152.85	0.17
2569.00	7.09	144.07	2556.51	-176.34	90.46	-176.34	198.19	152.84	0.18
2570.00	7.09	144.08	2557.50	-176.44	90.53	-176.44	198.31	152.84	0.23
2571.00	7.08	144.08	2558.49	-176.54	90.60	-176.54	198.43	152.83	0.32
2572.00	7.09	144.07	2559.49	-176.64	90.67	-176.64	198.55	152.83	0.20
2573.00	7.09	144.06	2560.48	-176.74	90.75	-176.74	198.68	152.82	0.33
2574.00	7.09	144.07	2561.47	-176.84	90.82	-176.84	198.80	152.82	0.49
2575.00	7.09	144.07	2562.46	-176.94	90.89	-176.94	198.92	152.81	0.08
2576.00	7.09	144.05	2563.46	-177.04	90.96	-177.04	199.04	152.81	0.56
2577.00	7.09	144.06	2564.45	-177.14	91.04	-177.14	199.16	152.80	0.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2578.00	7.09	144.10	2565.44	-177.24	91.11	-177.24	199.29	152.80	0.51
2579.00	7.09	144.13	2566.43	-177.34	91.18	-177.34	199.41	152.79	0.45
2580.00	7.08	144.16	2567.43	-177.44	91.25	-177.44	199.53	152.78	0.53
2581.00	7.08	144.20	2568.42	-177.54	91.33	-177.54	199.65	152.78	0.49
2582.00	7.08	144.23	2569.41	-177.64	91.40	-177.64	199.77	152.77	0.46
2583.00	7.08	144.25	2570.40	-177.74	91.47	-177.74	199.90	152.77	0.29
2584.00	7.08	144.26	2571.39	-177.84	91.54	-177.84	200.02	152.76	0.04
2585.00	7.08	144.26	2572.39	-177.94	91.61	-177.94	200.14	152.76	0.18
2586.00	7.08	144.27	2573.38	-178.04	91.69	-178.04	200.26	152.75	0.32
2587.00	7.08	144.30	2574.37	-178.14	91.76	-178.14	200.38	152.75	0.37
2588.00	7.08	144.34	2575.36	-178.24	91.83	-178.24	200.51	152.74	0.50
2589.00	7.08	144.35	2576.36	-178.34	91.90	-178.34	200.63	152.74	0.26
2590.00	7.09	144.37	2577.35	-178.44	91.97	-178.44	200.75	152.73	0.28
2591.00	7.09	144.39	2578.34	-178.54	92.05	-178.54	200.87	152.73	0.35
2592.00	7.09	144.42	2579.33	-178.64	92.12	-178.64	200.99	152.72	0.35
2593.00	7.09	144.47	2580.33	-178.74	92.19	-178.74	201.12	152.72	0.72
2594.00	7.08	144.53	2581.32	-178.84	92.26	-178.84	201.24	152.71	0.72
2595.00	7.08	144.59	2582.31	-178.94	92.33	-178.94	201.36	152.71	0.78
2596.00	7.08	144.61	2583.30	-179.04	92.40	-179.04	201.48	152.70	0.25
2597.00	7.08	144.63	2584.30	-179.14	92.47	-179.14	201.60	152.70	0.19
2598.00	7.08	144.66	2585.29	-179.25	92.55	-179.25	201.73	152.69	0.37
2599.00	7.08	144.69	2586.28	-179.35	92.62	-179.35	201.85	152.69	0.37
2600.00	7.08	144.72	2587.27	-179.45	92.69	-179.45	201.97	152.68	0.54
2601.00	7.09	144.76	2588.26	-179.55	92.76	-179.55	202.09	152.68	0.60
2602.00	7.09	144.81	2589.26	-179.65	92.83	-179.65	202.22	152.67	0.59
2603.00	7.09	144.86	2590.25	-179.75	92.90	-179.75	202.34	152.67	0.65
2604.00	7.08	144.86	2591.24	-179.85	92.97	-179.85	202.46	152.66	0.54
2605.00	7.07	144.85	2592.23	-179.95	93.04	-179.95	202.58	152.66	0.50
2606.00	7.08	144.89	2593.23	-180.05	93.11	-180.05	202.70	152.65	0.49
2607.00	7.08	144.93	2594.22	-180.15	93.19	-180.15	202.83	152.65	0.53
2608.00	7.07	144.99	2595.21	-180.25	93.26	-180.25	202.95	152.64	0.85
2609.00	7.07	145.05	2596.20	-180.35	93.33	-180.35	203.07	152.64	0.84
2610.00	7.07	145.12	2597.20	-180.45	93.40	-180.45	203.19	152.64	0.86
2611.00	7.06	145.18	2598.19	-180.56	93.47	-180.56	203.31	152.63	0.88
2612.00	7.06	145.24	2599.18	-180.66	93.54	-180.66	203.44	152.63	0.94
2613.00	7.05	145.31	2600.17	-180.76	93.61	-180.76	203.56	152.62	0.86
2614.00	7.06	145.38	2601.17	-180.86	93.68	-180.86	203.68	152.62	0.96
2615.00	7.05	145.48	2602.16	-180.96	93.75	-180.96	203.80	152.61	1.24
2616.00	7.04	145.58	2603.15	-181.06	93.82	-181.06	203.92	152.61	1.44
2617.00	7.04	145.71	2604.14	-181.16	93.89	-181.16	204.04	152.60	1.78

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2618.00	7.03	145.83	2605.14	-181.26	93.95	-181.26	204.17	152.60	1.82
2619.00	7.02	145.95	2606.13	-181.36	94.02	-181.36	204.29	152.60	1.44
2620.00	7.02	146.07	2607.12	-181.47	94.09	-181.47	204.41	152.59	1.64
2621.00	7.00	146.20	2608.11	-181.57	94.16	-181.57	204.53	152.59	1.96
2622.00	6.99	146.34	2609.11	-181.67	94.23	-181.67	204.65	152.59	2.08
2623.00	6.98	146.48	2610.10	-181.77	94.29	-181.77	204.77	152.58	2.14
2624.00	6.97	146.63	2611.09	-181.87	94.36	-181.87	204.89	152.58	2.18
2625.00	6.95	146.77	2612.08	-181.97	94.43	-181.97	205.01	152.57	2.24
2626.00	6.94	146.93	2613.08	-182.07	94.49	-182.07	205.13	152.57	2.26
2627.00	6.93	147.11	2614.07	-182.18	94.56	-182.18	205.25	152.57	2.35
2628.00	6.92	147.29	2615.06	-182.28	94.63	-182.28	205.37	152.56	2.63
2629.00	6.90	147.47	2616.05	-182.38	94.69	-182.38	205.49	152.56	2.78
2630.00	6.88	147.66	2617.05	-182.48	94.75	-182.48	205.61	152.56	3.23
2631.00	6.85	147.86	2618.04	-182.58	94.82	-182.58	205.73	152.56	3.28
2632.00	6.84	148.09	2619.03	-182.68	94.88	-182.68	205.85	152.55	3.03
2633.00	6.83	148.33	2620.03	-182.78	94.94	-182.78	205.97	152.55	3.03
2634.00	6.81	148.62	2621.02	-182.88	95.01	-182.88	206.09	152.55	4.25
2635.00	6.78	148.91	2622.01	-182.98	95.07	-182.98	206.21	152.55	4.37
2636.00	6.76	149.23	2623.00	-183.09	95.13	-183.09	206.32	152.54	4.28
2637.00	6.74	149.54	2624.00	-183.19	95.19	-183.19	206.44	152.54	4.30
2638.00	6.71	149.86	2624.99	-183.29	95.25	-183.29	206.56	152.54	4.36
2639.00	6.69	150.22	2625.98	-183.39	95.31	-183.39	206.68	152.54	5.09
2640.00	6.65	150.62	2626.98	-183.49	95.36	-183.49	206.79	152.54	5.82
2641.00	6.63	150.92	2627.97	-183.59	95.42	-183.59	206.91	152.54	3.97
2642.00	6.61	151.21	2628.96	-183.69	95.47	-183.69	207.02	152.54	3.96
2643.00	6.59	151.51	2629.96	-183.79	95.53	-183.79	207.14	152.54	3.81
2644.00	6.58	151.82	2630.95	-183.89	95.58	-183.89	207.25	152.54	3.81
2645.00	6.56	152.06	2631.94	-183.99	95.64	-183.99	207.37	152.54	3.16
2646.00	6.55	152.31	2632.94	-184.10	95.69	-184.10	207.48	152.54	3.17
2647.00	6.53	152.53	2633.93	-184.20	95.74	-184.20	207.59	152.53	3.35
2648.00	6.51	152.75	2634.92	-184.30	95.80	-184.30	207.71	152.54	3.25
2649.00	6.49	152.94	2635.92	-184.40	95.85	-184.40	207.82	152.54	2.84
2650.00	6.48	153.13	2636.91	-184.50	95.90	-184.50	207.93	152.54	2.54
2651.00	6.47	153.32	2637.91	-184.60	95.95	-184.60	208.05	152.54	2.22
2652.00	6.46	153.45	2638.90	-184.70	96.00	-184.70	208.16	152.54	1.90
2653.00	6.44	153.53	2639.89	-184.80	96.05	-184.80	208.27	152.54	1.93
2654.00	6.43	153.63	2640.89	-184.90	96.10	-184.90	208.38	152.54	1.52
2655.00	6.42	153.74	2641.88	-185.00	96.15	-185.00	208.50	152.54	1.37
2656.00	6.41	153.84	2642.87	-185.10	96.20	-185.10	208.61	152.54	1.49
2657.00	6.40	153.94	2643.87	-185.20	96.25	-185.20	208.72	152.54	1.69

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2658.00	6.39	154.05	2644.86	-185.30	96.30	-185.30	208.83	152.54	1.41
2659.00	6.39	154.17	2645.86	-185.40	96.35	-185.40	208.94	152.54	1.49
2660.00	6.38	154.32	2646.85	-185.50	96.39	-185.50	209.05	152.54	1.78
2661.00	6.37	154.47	2647.84	-185.60	96.44	-185.60	209.16	152.54	1.82
2662.00	6.36	154.60	2648.84	-185.70	96.49	-185.70	209.27	152.54	1.97
2663.00	6.35	154.73	2649.83	-185.80	96.54	-185.80	209.39	152.55	1.66
2664.00	6.35	154.85	2650.82	-185.90	96.58	-185.90	209.50	152.55	1.42
2665.00	6.34	154.96	2651.82	-186.00	96.63	-186.00	209.61	152.55	1.45
2666.00	6.33	155.07	2652.81	-186.10	96.68	-186.10	209.72	152.55	1.51
2667.00	6.32	155.15	2653.81	-186.20	96.72	-186.20	209.83	152.55	1.30
2668.00	6.31	155.23	2654.80	-186.30	96.77	-186.30	209.94	152.55	1.25
2669.00	6.31	155.33	2655.79	-186.40	96.82	-186.40	210.05	152.55	1.17
2670.00	6.30	155.42	2656.79	-186.50	96.86	-186.50	210.16	152.55	1.20
2671.00	6.29	155.51	2657.78	-186.60	96.91	-186.60	210.27	152.56	1.50
2672.00	6.28	155.61	2658.78	-186.70	96.95	-186.70	210.37	152.56	1.51
2673.00	6.27	155.71	2659.77	-186.80	97.00	-186.80	210.48	152.56	1.64
2674.00	6.26	155.82	2660.76	-186.90	97.04	-186.90	210.59	152.56	1.65
2675.00	6.24	155.94	2661.76	-187.00	97.09	-187.00	210.70	152.56	1.77
2676.00	6.23	156.05	2662.75	-187.10	97.13	-187.10	210.81	152.56	1.66
2677.00	6.23	156.18	2663.75	-187.20	97.18	-187.20	210.92	152.57	1.48
2678.00	6.20	156.75	2664.74	-187.30	97.22	-187.30	211.03	152.57	6.81
2679.00	6.13	157.96	2665.73	-187.40	97.26	-187.40	211.13	152.57	14.74
2680.00	6.19	156.46	2666.73	-187.50	97.30	-187.50	211.24	152.57	17.27
2681.00	6.18	156.57	2667.72	-187.59	97.34	-187.59	211.35	152.57	1.60
2682.00	6.15	157.36	2668.72	-187.69	97.39	-187.69	211.45	152.58	9.09
2683.00	6.14	157.61	2669.71	-187.79	97.43	-187.79	211.56	152.58	2.93
2684.00	6.15	157.39	2670.71	-187.89	97.47	-187.89	211.67	152.58	2.62
2685.00	6.14	157.58	2671.70	-187.99	97.51	-187.99	211.77	152.58	2.24
2686.00	6.14	157.14	2672.69	-188.09	97.55	-188.09	211.88	152.59	4.69
2687.00	6.13	158.09	2673.69	-188.19	97.59	-188.19	211.99	152.59	10.21
2688.00	6.12	157.66	2674.68	-188.29	97.63	-188.29	212.09	152.59	4.52
2689.00	6.12	157.40	2675.68	-188.39	97.67	-188.39	212.20	152.59	2.87
2690.00	6.12	157.49	2676.67	-188.48	97.71	-188.48	212.31	152.60	0.98
2691.00	6.12	157.69	2677.67	-188.58	97.75	-188.58	212.41	152.60	2.17
2692.00	6.14	157.99	2678.66	-188.68	97.79	-188.68	212.52	152.60	3.43
2693.00	6.12	157.83	2679.65	-188.78	97.83	-188.78	212.63	152.60	2.10
2694.00	6.14	158.18	2680.65	-188.88	97.87	-188.88	212.73	152.61	4.18
2695.00	6.12	157.89	2681.64	-188.98	97.91	-188.98	212.84	152.61	3.63
2696.00	6.15	158.11	2682.64	-189.08	97.95	-189.08	212.94	152.61	3.41
2697.00	6.12	157.86	2683.63	-189.18	97.99	-189.18	213.05	152.62	4.06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2698.00	6.14	158.11	2684.63	-189.28	98.03	-189.28	213.16	152.62	3.67
2699.00	6.15	158.06	2685.62	-189.37	98.07	-189.37	213.26	152.62	0.97
2700.00	6.15	158.02	2686.61	-189.47	98.11	-189.47	213.37	152.62	0.62
2701.00	6.15	157.99	2687.61	-189.57	98.15	-189.57	213.48	152.63	0.40
2702.00	6.15	157.96	2688.60	-189.67	98.19	-189.67	213.58	152.63	0.34
2703.00	6.16	157.94	2689.60	-189.77	98.23	-189.77	213.69	152.63	0.57
2704.00	6.16	157.92	2690.59	-189.87	98.28	-189.87	213.80	152.63	0.32
2705.00	6.16	157.91	2691.59	-189.97	98.32	-189.97	213.90	152.64	0.22
2706.00	6.17	157.89	2692.58	-190.07	98.36	-190.07	214.01	152.64	0.50
2707.00	6.17	157.85	2693.57	-190.17	98.40	-190.17	214.12	152.64	0.63
2708.00	6.18	157.81	2694.57	-190.27	98.44	-190.27	214.23	152.64	0.46
2709.00	6.18	157.78	2695.56	-190.37	98.48	-190.37	214.33	152.65	0.43
2710.00	6.18	157.70	2696.56	-190.47	98.52	-190.47	214.44	152.65	0.78
2711.00	6.18	157.63	2697.55	-190.57	98.56	-190.57	214.55	152.65	0.82
2712.00	6.18	157.55	2698.54	-190.67	98.60	-190.67	214.65	152.66	0.89
2713.00	6.18	157.49	2699.54	-190.77	98.64	-190.77	214.76	152.66	0.67
2714.00	6.18	157.46	2700.53	-190.87	98.68	-190.87	214.87	152.66	0.67
2715.00	6.18	157.45	2701.53	-190.97	98.72	-190.97	214.98	152.66	0.24
2716.00	6.18	157.45	2702.52	-191.07	98.77	-191.07	215.08	152.66	0.07
2717.00	6.18	157.45	2703.52	-191.17	98.81	-191.17	215.19	152.67	0.41
2718.00	6.19	157.45	2704.51	-191.26	98.85	-191.26	215.30	152.67	0.75
2719.00	6.19	157.43	2705.50	-191.36	98.89	-191.36	215.41	152.67	0.32
2720.00	6.19	157.40	2706.50	-191.46	98.93	-191.46	215.51	152.67	0.37
2721.00	6.19	157.36	2707.49	-191.56	98.97	-191.56	215.62	152.68	0.59
2722.00	6.20	157.33	2708.49	-191.66	99.01	-191.66	215.73	152.68	0.49
2723.00	6.20	157.33	2709.48	-191.76	99.06	-191.76	215.84	152.68	0.08
2724.00	6.20	157.30	2710.47	-191.86	99.10	-191.86	215.94	152.68	0.28
2725.00	6.20	157.25	2711.47	-191.96	99.14	-191.96	216.05	152.69	0.60
2726.00	6.21	157.21	2712.46	-192.06	99.18	-192.06	216.16	152.69	0.59
2727.00	6.21	157.16	2713.46	-192.16	99.22	-192.16	216.27	152.69	0.57
2728.00	6.21	157.11	2714.45	-192.26	99.26	-192.26	216.37	152.69	0.54
2729.00	6.21	157.06	2715.45	-192.36	99.31	-192.36	216.48	152.69	0.50
2730.00	6.21	157.03	2716.44	-192.46	99.35	-192.46	216.59	152.70	0.44
2731.00	6.21	157.00	2717.43	-192.56	99.39	-192.56	216.70	152.70	0.29
2732.00	6.22	156.98	2718.43	-192.66	99.43	-192.66	216.81	152.70	0.39
2733.00	6.22	156.94	2719.42	-192.76	99.48	-192.76	216.91	152.70	0.49
2734.00	6.23	156.92	2720.42	-192.86	99.52	-192.86	217.02	152.71	0.95
2735.00	6.24	156.90	2721.41	-192.96	99.56	-192.96	217.13	152.71	1.18
2736.00	6.25	156.89	2722.40	-193.06	99.60	-193.06	217.24	152.71	0.51
2737.00	6.25	156.88	2723.40	-193.16	99.65	-193.16	217.35	152.71	0.41

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2738.00	6.25	156.85	2724.39	-193.26	99.69	-193.26	217.46	152.71	0.39
2739.00	6.25	156.81	2725.39	-193.36	99.73	-193.36	217.56	152.72	0.41
2740.00	6.26	156.78	2726.38	-193.46	99.77	-193.46	217.67	152.72	0.55
2741.00	6.26	156.74	2727.37	-193.56	99.82	-193.56	217.78	152.72	0.70
2742.00	6.27	156.70	2728.37	-193.66	99.86	-193.66	217.89	152.72	0.80
2743.00	6.27	156.63	2729.36	-193.76	99.90	-193.76	218.00	152.72	0.72
2744.00	6.27	156.56	2730.36	-193.86	99.95	-193.86	218.11	152.73	0.72
2745.00	6.27	156.49	2731.35	-193.96	99.99	-193.96	218.22	152.73	0.95
2746.00	6.28	156.42	2732.34	-194.06	100.03	-194.06	218.33	152.73	1.02
2747.00	6.29	156.37	2733.34	-194.16	100.08	-194.16	218.44	152.73	0.75
2748.00	6.29	156.32	2734.33	-194.26	100.12	-194.26	218.55	152.73	0.75
2749.00	6.30	156.25	2735.33	-194.36	100.17	-194.36	218.65	152.74	0.97
2750.00	6.30	156.19	2736.32	-194.46	100.21	-194.46	218.76	152.74	0.84
2751.00	6.30	156.13	2737.31	-194.56	100.26	-194.56	218.87	152.74	0.59
2752.00	6.31	156.11	2738.31	-194.66	100.30	-194.66	218.98	152.74	0.42
2753.00	6.31	156.11	2739.30	-194.76	100.34	-194.76	219.09	152.74	0.49
2754.00	6.32	156.07	2740.30	-194.86	100.39	-194.86	219.20	152.74	0.71
2755.00	6.32	156.01	2741.29	-194.96	100.43	-194.96	219.31	152.75	0.81
2756.00	6.32	155.96	2742.28	-195.06	100.48	-195.06	219.42	152.75	0.67
2757.00	6.33	155.91	2743.28	-195.17	100.52	-195.17	219.53	152.75	0.61
2758.00	6.33	155.87	2744.27	-195.27	100.57	-195.27	219.64	152.75	0.52
2759.00	6.33	155.83	2745.27	-195.37	100.61	-195.37	219.75	152.75	0.49
2760.00	6.34	155.79	2746.26	-195.47	100.66	-195.47	219.86	152.75	0.88
2761.00	6.34	155.74	2747.25	-195.57	100.70	-195.57	219.97	152.75	0.71
2762.00	6.34	155.68	2748.25	-195.67	100.75	-195.67	220.08	152.76	0.66
2763.00	6.35	155.62	2749.24	-195.77	100.80	-195.77	220.19	152.76	0.82
2764.00	6.36	155.55	2750.24	-195.87	100.84	-195.87	220.30	152.76	1.30
2765.00	6.36	155.51	2751.23	-195.97	100.89	-195.97	220.41	152.76	0.54
2766.00	6.36	155.48	2752.22	-196.07	100.93	-196.07	220.53	152.76	0.41
2767.00	6.36	155.45	2753.22	-196.17	100.98	-196.17	220.64	152.76	0.39
2768.00	6.37	155.42	2754.21	-196.27	101.02	-196.27	220.75	152.76	0.40
2769.00	6.37	155.39	2755.20	-196.37	101.07	-196.37	220.86	152.77	0.52
2770.00	6.37	155.36	2756.20	-196.48	101.12	-196.48	220.97	152.77	0.52
2771.00	6.38	155.32	2757.19	-196.58	101.16	-196.58	221.08	152.77	0.56
2772.00	6.38	155.29	2758.19	-196.68	101.21	-196.68	221.19	152.77	0.53
2773.00	6.39	155.27	2759.18	-196.78	101.26	-196.78	221.30	152.77	0.51
2774.00	6.39	155.25	2760.17	-196.88	101.30	-196.88	221.41	152.77	0.42
2775.00	6.39	155.24	2761.17	-196.98	101.35	-196.98	221.52	152.77	0.28
2776.00	6.40	155.18	2762.16	-197.08	101.40	-197.08	221.64	152.77	0.75
2777.00	6.40	155.11	2763.15	-197.18	101.44	-197.18	221.75	152.78	0.96

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2778.00	6.41	155.12	2764.15	-197.28	101.49	-197.28	221.86	152.78	0.42
2779.00	6.41	155.12	2765.14	-197.39	101.54	-197.39	221.97	152.78	0.42
2780.00	6.42	155.10	2766.14	-197.49	101.58	-197.49	222.08	152.78	0.43
2781.00	6.42	155.10	2767.13	-197.59	101.63	-197.59	222.19	152.78	0.42
2782.00	6.42	155.09	2768.12	-197.69	101.68	-197.69	222.30	152.78	0.40
2783.00	6.43	155.10	2769.12	-197.79	101.73	-197.79	222.42	152.78	0.36
2784.00	6.43	155.13	2770.11	-197.89	101.77	-197.89	222.53	152.78	0.40
2785.00	6.43	155.15	2771.10	-197.99	101.82	-197.99	222.64	152.79	0.52
2786.00	6.44	155.17	2772.10	-198.10	101.87	-198.10	222.75	152.79	0.71
2787.00	6.44	155.15	2773.09	-198.20	101.91	-198.20	222.86	152.79	0.28
2788.00	6.44	155.12	2774.09	-198.30	101.96	-198.30	222.98	152.79	0.36
2789.00	6.45	155.07	2775.08	-198.40	102.01	-198.40	223.09	152.79	0.74
2790.00	6.45	155.05	2776.07	-198.50	102.06	-198.50	223.20	152.79	0.56
2791.00	6.46	155.07	2777.07	-198.60	102.10	-198.60	223.31	152.79	0.53
2792.00	6.46	155.07	2778.06	-198.71	102.15	-198.71	223.43	152.79	0.37
2793.00	6.46	155.05	2779.05	-198.81	102.20	-198.81	223.54	152.79	0.30
2794.00	6.47	155.02	2780.05	-198.91	102.25	-198.91	223.65	152.80	0.56
2795.00	6.48	155.00	2781.04	-199.01	102.29	-199.01	223.76	152.80	0.99
2796.00	6.49	154.96	2782.03	-199.12	102.34	-199.12	223.88	152.80	0.82
2797.00	6.49	154.91	2783.03	-199.22	102.39	-199.22	223.99	152.80	0.75
2798.00	6.50	154.87	2784.02	-199.32	102.44	-199.32	224.10	152.80	0.95
2799.00	6.51	154.82	2785.02	-199.42	102.48	-199.42	224.22	152.80	0.96
2800.00	6.51	154.73	2786.01	-199.53	102.53	-199.53	224.33	152.80	1.07
2801.00	6.52	154.66	2787.00	-199.63	102.58	-199.63	224.44	152.80	1.06
2802.00	6.53	154.59	2788.00	-199.73	102.63	-199.73	224.56	152.80	1.08
2803.00	6.53	154.52	2788.99	-199.83	102.68	-199.83	224.67	152.80	1.10
2804.00	6.54	154.45	2789.98	-199.94	102.73	-199.94	224.78	152.81	1.15
2805.00	6.55	154.40	2790.98	-200.04	102.78	-200.04	224.90	152.81	1.15
2806.00	6.56	154.36	2791.97	-200.14	102.83	-200.14	225.01	152.81	1.21
2807.00	6.57	154.30	2792.96	-200.25	102.88	-200.25	225.13	152.81	1.04
2808.00	6.58	154.23	2793.96	-200.35	102.93	-200.35	225.24	152.81	1.02
2809.00	6.58	154.17	2794.95	-200.45	102.98	-200.45	225.35	152.81	0.89
2810.00	6.59	154.11	2795.94	-200.55	103.03	-200.55	225.47	152.81	0.97
2811.00	6.61	154.04	2796.94	-200.66	103.08	-200.66	225.58	152.81	1.87
2812.00	6.62	153.98	2797.93	-200.76	103.13	-200.76	225.70	152.81	1.54
2813.00	6.63	153.93	2798.92	-200.87	103.18	-200.87	225.81	152.81	1.39
2814.00	6.64	153.88	2799.92	-200.97	103.23	-200.97	225.93	152.81	0.70
2815.00	6.64	153.83	2800.91	-201.07	103.28	-201.07	226.05	152.81	0.66
2816.00	6.65	153.80	2801.90	-201.18	103.33	-201.18	226.16	152.81	0.73
2817.00	6.65	153.78	2802.90	-201.28	103.38	-201.28	226.28	152.81	0.73

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2818.00	6.66	153.76	2803.89	-201.38	103.43	-201.38	226.39	152.81	0.65
2819.00	6.66	153.73	2804.88	-201.49	103.48	-201.49	226.51	152.82	0.64
2820.00	6.66	153.72	2805.88	-201.59	103.54	-201.59	226.63	152.82	0.16
2821.00	6.67	153.71	2806.87	-201.70	103.59	-201.70	226.74	152.82	0.26
2822.00	6.68	153.72	2807.86	-201.80	103.64	-201.80	226.86	152.82	1.11
2823.00	6.69	153.73	2808.86	-201.90	103.69	-201.90	226.97	152.82	0.92
2824.00	6.69	153.74	2809.85	-202.01	103.74	-202.01	227.09	152.82	0.64
2825.00	6.69	153.74	2810.84	-202.11	103.79	-202.11	227.21	152.82	0.15
2826.00	6.69	153.74	2811.84	-202.22	103.84	-202.22	227.32	152.82	0.18
2827.00	6.70	153.73	2812.83	-202.32	103.90	-202.32	227.44	152.82	0.55
2828.00	6.71	153.73	2813.82	-202.43	103.95	-202.43	227.56	152.82	0.73
2829.00	6.71	153.74	2814.82	-202.53	104.00	-202.53	227.67	152.82	0.86
2830.00	6.72	153.76	2815.81	-202.64	104.05	-202.64	227.79	152.82	0.88
2831.00	6.73	153.80	2816.80	-202.74	104.10	-202.74	227.91	152.82	0.57
2832.00	6.73	153.84	2817.79	-202.85	104.15	-202.85	228.02	152.82	0.53
2833.00	6.73	153.86	2818.79	-202.95	104.21	-202.95	228.14	152.82	0.36
2834.00	6.73	153.88	2819.78	-203.06	104.26	-203.06	228.26	152.82	0.32
2835.00	6.74	153.89	2820.77	-203.16	104.31	-203.16	228.38	152.82	0.23
2836.00	6.74	153.91	2821.77	-203.27	104.36	-203.27	228.49	152.82	0.45
2837.00	6.75	153.93	2822.76	-203.37	104.41	-203.37	228.61	152.82	0.77
2838.00	6.75	153.95	2823.75	-203.48	104.46	-203.48	228.73	152.82	0.55
2839.00	6.75	153.96	2824.75	-203.59	104.52	-203.59	228.85	152.83	0.34
2840.00	6.76	153.98	2825.74	-203.69	104.57	-203.69	228.96	152.83	0.59
2841.00	6.77	154.02	2826.73	-203.80	104.62	-203.80	229.08	152.83	0.86
2842.00	6.77	154.05	2827.73	-203.90	104.67	-203.90	229.20	152.83	0.59
2843.00	6.77	154.07	2828.72	-204.01	104.72	-204.01	229.32	152.83	0.25
2844.00	6.78	154.09	2829.71	-204.11	104.77	-204.11	229.44	152.83	0.40
2845.00	6.78	154.09	2830.70	-204.22	104.83	-204.22	229.55	152.83	0.81
2846.00	6.79	154.11	2831.70	-204.33	104.88	-204.33	229.67	152.83	0.83
2847.00	6.80	154.13	2832.69	-204.43	104.93	-204.43	229.79	152.83	0.76
2848.00	6.81	154.15	2833.68	-204.54	104.98	-204.54	229.91	152.83	0.62
2849.00	6.81	154.16	2834.68	-204.65	105.03	-204.65	230.03	152.83	0.41
2850.00	6.81	154.19	2835.67	-204.75	105.08	-204.75	230.14	152.83	0.32
2851.00	6.81	154.20	2836.66	-204.86	105.14	-204.86	230.26	152.83	0.19
2852.00	6.81	154.21	2837.66	-204.97	105.19	-204.97	230.38	152.83	0.39
2853.00	6.81	154.22	2838.65	-205.07	105.24	-205.07	230.50	152.83	0.38
2854.00	6.82	154.22	2839.64	-205.18	105.29	-205.18	230.62	152.84	0.37
2855.00	6.82	154.20	2840.63	-205.29	105.34	-205.29	230.74	152.84	0.47
2856.00	6.83	154.18	2841.63	-205.39	105.39	-205.39	230.86	152.84	0.55
2857.00	6.82	154.17	2842.62	-205.50	105.45	-205.50	230.98	152.84	0.37

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2858.00	6.82	154.16	2843.61	-205.61	105.50	-205.61	231.09	152.84	0.34
2859.00	6.83	154.15	2844.61	-205.72	105.55	-205.72	231.21	152.84	0.72
2860.00	6.83	154.14	2845.60	-205.82	105.60	-205.82	231.33	152.84	0.65
2861.00	6.83	154.14	2846.59	-205.93	105.65	-205.93	231.45	152.84	0.02
2862.00	6.83	154.15	2847.58	-206.04	105.70	-206.04	231.57	152.84	0.05
2863.00	6.84	154.17	2848.58	-206.14	105.76	-206.14	231.69	152.84	0.28
2864.00	6.84	154.19	2849.57	-206.25	105.81	-206.25	231.81	152.84	0.28
2865.00	6.84	154.24	2850.56	-206.36	105.86	-206.36	231.93	152.84	0.58
2866.00	6.84	154.28	2851.56	-206.47	105.91	-206.47	232.05	152.84	0.58
2867.00	6.84	154.35	2852.55	-206.57	105.96	-206.57	232.16	152.84	0.77
2868.00	6.83	154.41	2853.54	-206.68	106.01	-206.68	232.28	152.84	0.79
2869.00	6.83	154.49	2854.53	-206.79	106.07	-206.79	232.40	152.85	1.04
2870.00	6.83	154.57	2855.53	-206.89	106.12	-206.89	232.52	152.85	0.96
2871.00	6.83	154.63	2856.52	-207.00	106.17	-207.00	232.64	152.85	0.87
2872.00	6.84	154.71	2857.51	-207.11	106.22	-207.11	232.76	152.85	0.96
2873.00	6.84	154.81	2858.51	-207.22	106.27	-207.22	232.88	152.85	1.14
2874.00	6.84	154.93	2859.50	-207.33	106.32	-207.33	233.00	152.85	1.52
2875.00	6.83	155.08	2860.49	-207.43	106.37	-207.43	233.12	152.85	1.80
2876.00	6.83	155.27	2861.49	-207.54	106.42	-207.54	233.24	152.85	2.32
2877.00	6.83	155.49	2862.48	-207.65	106.47	-207.65	233.35	152.85	2.54
2878.00	6.83	155.67	2863.47	-207.76	106.52	-207.76	233.47	152.86	2.19
2879.00	6.83	155.85	2864.46	-207.87	106.57	-207.87	233.59	152.86	2.11
2880.00	6.82	156.03	2865.46	-207.97	106.62	-207.97	233.71	152.86	2.33
2881.00	6.81	156.23	2866.45	-208.08	106.66	-208.08	233.83	152.86	2.35
2882.00	6.81	156.45	2867.44	-208.19	106.71	-208.19	233.95	152.86	2.63
2883.00	6.81	156.67	2868.44	-208.30	106.76	-208.30	234.07	152.86	2.68
2884.00	6.80	156.91	2869.43	-208.41	106.81	-208.41	234.18	152.87	2.91
2885.00	6.79	157.15	2870.42	-208.52	106.85	-208.52	234.30	152.87	2.92
2886.00	6.79	157.39	2871.41	-208.63	106.90	-208.63	234.42	152.87	2.94
2887.00	6.78	157.65	2872.41	-208.74	106.94	-208.74	234.54	152.87	3.10
2888.00	6.78	157.94	2873.40	-208.85	106.99	-208.85	234.65	152.87	3.39
2889.00	6.78	158.24	2874.39	-208.96	107.03	-208.96	234.77	152.88	3.59
2890.00	6.77	158.56	2875.39	-209.06	107.08	-209.06	234.89	152.88	3.92
2891.00	6.76	158.89	2876.38	-209.17	107.12	-209.17	235.01	152.88	3.93
2892.00	6.75	159.22	2877.37	-209.28	107.16	-209.28	235.12	152.89	3.94
2893.00	6.74	159.56	2878.37	-209.39	107.20	-209.39	235.24	152.89	4.17
2894.00	6.73	159.93	2879.36	-209.50	107.24	-209.50	235.36	152.89	4.52
2895.00	6.71	160.44	2880.35	-209.61	107.28	-209.61	235.47	152.90	6.22
2896.00	6.69	160.98	2881.35	-209.72	107.32	-209.72	235.59	152.90	6.54
2897.00	6.68	161.36	2882.34	-209.84	107.36	-209.84	235.70	152.90	4.67

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2898.00	6.67	161.74	2883.33	-209.95	107.39	-209.95	235.82	152.91	4.63
2899.00	6.65	162.12	2884.32	-210.06	107.43	-210.06	235.93	152.91	4.58
2900.00	6.63	162.48	2885.32	-210.17	107.47	-210.17	236.05	152.92	4.51
2901.00	6.62	162.82	2886.31	-210.28	107.50	-210.28	236.16	152.92	4.42
2902.00	6.60	163.20	2887.30	-210.39	107.53	-210.39	236.27	152.93	4.67
2903.00	6.58	163.60	2888.30	-210.50	107.57	-210.50	236.39	152.93	4.94
2904.00	6.56	163.98	2889.29	-210.61	107.60	-210.61	236.50	152.94	4.77
2905.00	6.54	164.35	2890.29	-210.72	107.63	-210.72	236.61	152.94	4.70
2906.00	6.52	164.74	2891.28	-210.83	107.66	-210.83	236.72	152.95	4.87
2907.00	6.50	165.13	2892.27	-210.93	107.69	-210.93	236.83	152.95	4.94
2908.00	6.47	165.52	2893.27	-211.04	107.72	-211.04	236.94	152.96	5.26
2909.00	6.44	165.90	2894.26	-211.15	107.75	-211.15	237.05	152.97	5.35
2910.00	6.42	166.30	2895.25	-211.26	107.77	-211.26	237.16	152.97	4.88
2911.00	6.40	166.71	2896.25	-211.37	107.80	-211.37	237.27	152.98	4.87
2912.00	6.38	167.17	2897.24	-211.48	107.82	-211.48	237.38	152.98	5.73
2913.00	6.35	167.63	2898.23	-211.59	107.85	-211.59	237.49	152.99	5.71
2914.00	6.33	167.97	2899.23	-211.69	107.87	-211.69	237.59	153.00	4.46
2915.00	6.30	168.29	2900.22	-211.80	107.89	-211.80	237.70	153.01	4.32
2916.00	6.28	168.79	2901.22	-211.91	107.92	-211.91	237.81	153.01	5.85
2917.00	6.26	169.30	2902.21	-212.02	107.94	-212.02	237.91	153.02	5.94
2918.00	6.23	169.73	2903.20	-212.12	107.96	-212.12	238.01	153.03	5.27
2919.00	6.21	170.18	2904.20	-212.23	107.98	-212.23	238.12	153.03	5.46
2920.00	6.18	170.69	2905.19	-212.34	107.99	-212.34	238.22	153.04	6.25
2921.00	6.16	171.10	2906.19	-212.44	108.01	-212.44	238.32	153.05	5.03
2922.00	6.13	171.46	2907.18	-212.55	108.03	-212.55	238.43	153.06	4.50
2923.00	6.11	171.88	2908.18	-212.65	108.04	-212.65	238.53	153.07	5.19
2924.00	6.08	172.32	2909.17	-212.76	108.06	-212.76	238.63	153.07	5.35
2925.00	6.06	172.63	2910.16	-212.86	108.07	-212.86	238.73	153.08	3.60
2926.00	6.05	172.92	2911.16	-212.97	108.08	-212.97	238.83	153.09	3.40
2927.00	6.03	173.29	2912.15	-213.07	108.10	-213.07	238.92	153.10	4.68
2928.00	6.00	173.66	2913.15	-213.18	108.11	-213.18	239.02	153.11	4.47
2929.00	5.99	173.98	2914.14	-213.28	108.12	-213.28	239.12	153.12	3.68
2930.00	5.97	174.32	2915.14	-213.38	108.13	-213.38	239.22	153.13	3.92
2931.00	5.95	174.68	2916.13	-213.49	108.14	-213.49	239.31	153.14	4.52
2932.00	5.93	175.05	2917.13	-213.59	108.15	-213.59	239.41	153.15	4.19
2933.00	5.91	175.41	2918.12	-213.69	108.16	-213.69	239.51	153.15	3.94
2934.00	5.90	175.74	2919.12	-213.80	108.17	-213.80	239.60	153.16	3.63
2935.00	5.89	176.04	2920.11	-213.90	108.17	-213.90	239.70	153.17	3.44
2936.00	5.87	176.33	2921.10	-214.00	108.18	-214.00	239.79	153.18	3.20
2937.00	5.86	176.59	2922.10	-214.10	108.19	-214.10	239.88	153.19	2.97

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2938.00	5.85	176.87	2923.09	-214.21	108.19	-214.21	239.98	153.20	3.13
2939.00	5.84	177.17	2924.09	-214.31	108.20	-214.31	240.07	153.21	3.30
2940.00	5.82	177.43	2925.08	-214.41	108.20	-214.41	240.16	153.22	2.94
2941.00	5.81	177.69	2926.08	-214.51	108.21	-214.51	240.26	153.23	2.78
2942.00	5.81	177.87	2927.07	-214.61	108.21	-214.61	240.35	153.24	2.01
2943.00	5.80	178.04	2928.07	-214.71	108.21	-214.71	240.44	153.25	1.82
2944.00	5.79	178.17	2929.06	-214.81	108.22	-214.81	240.53	153.26	1.57
2945.00	5.78	178.28	2930.06	-214.91	108.22	-214.91	240.62	153.27	1.35
2946.00	5.78	178.36	2931.05	-215.01	108.22	-215.01	240.71	153.28	1.02
2947.00	5.77	178.42	2932.05	-215.11	108.23	-215.11	240.81	153.29	0.79
2948.00	5.77	178.47	2933.04	-215.22	108.23	-215.22	240.90	153.30	0.65
2949.00	5.77	178.54	2934.04	-215.32	108.23	-215.32	240.99	153.31	0.71
2950.00	5.76	178.61	2935.03	-215.42	108.23	-215.42	241.08	153.32	0.80
2951.00	5.76	178.69	2936.03	-215.52	108.24	-215.52	241.17	153.33	0.78
2952.00	5.76	178.76	2937.02	-215.62	108.24	-215.62	241.26	153.34	0.73
2953.00	5.76	178.82	2938.02	-215.72	108.24	-215.72	241.35	153.35	0.66
2954.00	5.76	178.87	2939.01	-215.82	108.24	-215.82	241.44	153.36	0.56
2955.00	5.75	178.93	2940.01	-215.92	108.24	-215.92	241.53	153.37	0.58
2956.00	5.75	178.99	2941.00	-216.02	108.25	-216.02	241.62	153.38	0.59
2957.00	5.75	179.05	2942.00	-216.12	108.25	-216.12	241.71	153.39	0.65
2958.00	5.75	179.10	2942.99	-216.22	108.25	-216.22	241.80	153.41	0.68
2959.00	5.74	179.14	2943.99	-216.32	108.25	-216.32	241.89	153.42	0.69
2960.00	5.73	179.18	2944.98	-216.42	108.25	-216.42	241.98	153.43	0.71
2961.00	5.73	179.24	2945.98	-216.52	108.25	-216.52	242.07	153.44	0.69
2962.00	5.73	179.32	2946.97	-216.62	108.26	-216.62	242.16	153.45	0.72
2963.00	5.73	179.38	2947.97	-216.72	108.26	-216.72	242.25	153.46	0.60
2964.00	5.73	179.43	2948.96	-216.82	108.26	-216.82	242.34	153.47	0.59
2965.00	5.73	179.50	2949.96	-216.92	108.26	-216.92	242.43	153.48	0.75
2966.00	5.72	179.57	2950.95	-217.02	108.26	-217.02	242.52	153.49	0.81
2967.00	5.71	179.65	2951.95	-217.12	108.26	-217.12	242.61	153.50	1.36
2968.00	5.71	179.71	2952.94	-217.22	108.26	-217.22	242.70	153.51	0.78
2969.00	5.71	179.77	2953.94	-217.32	108.26	-217.32	242.79	153.52	0.58
2970.00	5.70	179.79	2954.93	-217.42	108.26	-217.42	242.88	153.53	0.32
2971.00	5.70	179.82	2955.93	-217.51	108.26	-217.51	242.97	153.54	0.29
2972.00	5.70	179.87	2956.92	-217.61	108.26	-217.61	243.06	153.55	0.59
2973.00	5.70	179.94	2957.92	-217.71	108.26	-217.71	243.15	153.56	0.72
2974.00	5.69	179.98	2958.91	-217.81	108.26	-217.81	243.23	153.57	0.94
2975.00	5.68	180.02	2959.91	-217.91	108.26	-217.91	243.32	153.58	1.04
2976.00	5.68	180.09	2960.90	-218.01	108.26	-218.01	243.41	153.59	0.74
2977.00	5.67	180.15	2961.90	-218.11	108.26	-218.11	243.50	153.60	0.73

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2978.00	5.67	180.17	2962.89	-218.21	108.26	-218.21	243.59	153.61	0.29
2979.00	5.67	180.19	2963.89	-218.31	108.26	-218.31	243.68	153.62	0.25
2980.00	5.67	180.18	2964.88	-218.41	108.26	-218.41	243.76	153.63	0.21
2981.00	5.66	180.19	2965.88	-218.50	108.26	-218.50	243.85	153.64	0.24
2982.00	5.66	180.25	2966.87	-218.60	108.26	-218.60	243.94	153.65	0.68
2983.00	5.66	180.31	2967.87	-218.70	108.26	-218.70	244.03	153.66	0.76
2984.00	5.65	180.36	2968.86	-218.80	108.26	-218.80	244.12	153.67	0.95
2985.00	5.64	180.40	2969.86	-218.90	108.26	-218.90	244.21	153.68	0.71
2986.00	5.64	180.43	2970.85	-219.00	108.26	-219.00	244.29	153.70	0.38
2987.00	5.64	180.47	2971.85	-219.09	108.26	-219.09	244.38	153.71	0.33
2988.00	5.64	180.50	2972.84	-219.19	108.26	-219.19	244.47	153.72	0.51
2989.00	5.64	180.56	2973.84	-219.29	108.26	-219.29	244.56	153.73	0.61
2990.00	5.63	180.65	2974.83	-219.39	108.25	-219.39	244.64	153.74	1.46
2991.00	5.63	180.68	2975.83	-219.49	108.25	-219.49	244.73	153.75	0.32
2992.00	5.63	180.70	2976.83	-219.59	108.25	-219.59	244.82	153.76	0.27
2993.00	5.63	180.71	2977.82	-219.68	108.25	-219.68	244.91	153.77	0.17
2994.00	5.63	180.73	2978.82	-219.78	108.25	-219.78	244.99	153.78	0.22
2995.00	5.63	180.78	2979.81	-219.88	108.25	-219.88	245.08	153.79	0.49
2996.00	5.63	180.80	2980.81	-219.98	108.25	-219.98	245.17	153.80	0.27
2997.00	5.63	180.79	2981.80	-220.08	108.25	-220.08	245.26	153.81	0.17
2998.00	5.63	180.77	2982.80	-220.17	108.24	-220.17	245.34	153.82	0.24
2999.00	5.62	180.74	2983.79	-220.27	108.24	-220.27	245.43	153.83	0.64
3000.00	5.62	180.71	2984.79	-220.37	108.24	-220.37	245.52	153.84	0.53
3001.00	5.61	180.70	2985.78	-220.47	108.24	-220.47	245.61	153.85	0.27
3002.00	5.61	180.68	2986.78	-220.57	108.24	-220.57	245.69	153.86	0.33
3003.00	5.61	180.65	2987.77	-220.66	108.24	-220.66	245.78	153.87	0.47
3004.00	5.61	180.63	2988.77	-220.76	108.24	-220.76	245.87	153.88	0.39
3005.00	5.60	180.63	2989.76	-220.86	108.24	-220.86	245.95	153.89	0.33
3006.00	5.60	180.62	2990.76	-220.96	108.23	-220.96	246.04	153.90	0.20
3007.00	5.60	180.59	2991.75	-221.05	108.23	-221.05	246.13	153.91	0.25
3008.00	5.59	180.57	2992.75	-221.15	108.23	-221.15	246.22	153.92	0.85
3009.00	5.59	180.54	2993.74	-221.25	108.23	-221.25	246.30	153.93	0.77
3010.00	5.59	180.49	2994.74	-221.35	108.23	-221.35	246.39	153.94	0.47
3011.00	5.59	180.45	2995.73	-221.44	108.23	-221.44	246.48	153.95	0.38
3012.00	5.58	180.46	2996.73	-221.54	108.23	-221.54	246.56	153.96	0.37
3013.00	5.57	180.45	2997.72	-221.64	108.23	-221.64	246.65	153.97	0.67
3014.00	5.57	180.43	2998.72	-221.74	108.23	-221.74	246.74	153.98	0.98
3015.00	5.56	180.41	2999.72	-221.83	108.23	-221.83	246.83	153.99	0.51
3016.00	5.56	180.39	3000.71	-221.93	108.23	-221.93	246.91	154.00	0.34
3017.00	5.56	180.36	3001.71	-222.03	108.23	-222.03	247.00	154.01	0.39

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3018.00	5.55	180.33	3002.70	-222.12	108.23	-222.12	247.09	154.02	0.40
3019.00	5.55	180.29	3003.70	-222.22	108.22	-222.22	247.17	154.03	0.53
3020.00	5.55	180.25	3004.69	-222.32	108.22	-222.32	247.26	154.04	0.54
3021.00	5.54	180.20	3005.69	-222.41	108.22	-222.41	247.35	154.05	0.46
3022.00	5.54	180.16	3006.68	-222.51	108.22	-222.51	247.43	154.06	0.47
3023.00	5.54	180.14	3007.68	-222.61	108.22	-222.61	247.52	154.07	0.53
3024.00	5.53	180.12	3008.67	-222.70	108.22	-222.70	247.61	154.08	0.56
3025.00	5.53	180.10	3009.67	-222.80	108.22	-222.80	247.69	154.09	0.16
3026.00	5.53	180.10	3010.66	-222.90	108.22	-222.90	247.78	154.10	0.20
3027.00	5.52	180.11	3011.66	-222.99	108.22	-222.99	247.87	154.11	0.54
3028.00	5.52	180.12	3012.65	-223.09	108.22	-223.09	247.95	154.12	0.35
3029.00	5.52	180.14	3013.65	-223.18	108.22	-223.18	248.04	154.13	0.18
3030.00	5.52	180.14	3014.65	-223.28	108.22	-223.28	248.12	154.14	0.29
3031.00	5.51	180.13	3015.64	-223.38	108.22	-223.38	248.21	154.15	0.57
3032.00	5.51	180.12	3016.64	-223.47	108.22	-223.47	248.30	154.16	0.59
3033.00	5.50	180.10	3017.63	-223.57	108.22	-223.57	248.38	154.17	0.68
3034.00	5.50	180.08	3018.63	-223.66	108.22	-223.66	248.47	154.18	0.37
3035.00	5.50	180.07	3019.62	-223.76	108.22	-223.76	248.56	154.19	0.21
3036.00	5.49	180.09	3020.62	-223.86	108.22	-223.86	248.64	154.20	1.00
3037.00	5.48	180.11	3021.61	-223.95	108.22	-223.95	248.73	154.21	1.00
3038.00	5.47	180.17	3022.61	-224.05	108.22	-224.05	248.81	154.22	1.15
3039.00	5.46	180.23	3023.60	-224.14	108.22	-224.14	248.90	154.23	1.06
3040.00	5.46	180.22	3024.60	-224.24	108.22	-224.24	248.99	154.24	0.09
3041.00	5.46	180.21	3025.59	-224.33	108.22	-224.33	249.07	154.25	0.09
3042.00	5.45	180.21	3026.59	-224.43	108.22	-224.43	249.16	154.26	0.49
3043.00	5.45	180.21	3027.59	-224.52	108.22	-224.52	249.24	154.27	0.68
3044.00	5.44	180.23	3028.58	-224.62	108.22	-224.62	249.33	154.28	1.11
3045.00	5.42	180.25	3029.58	-224.71	108.22	-224.71	249.41	154.29	1.21
3046.00	5.42	180.24	3030.57	-224.81	108.22	-224.81	249.50	154.29	0.71
3047.00	5.41	180.23	3031.57	-224.90	108.22	-224.90	249.58	154.30	0.65
3048.00	5.40	180.26	3032.56	-224.99	108.22	-224.99	249.67	154.31	1.27
3049.00	5.39	180.28	3033.56	-225.09	108.22	-225.09	249.75	154.32	1.30
3050.00	5.37	180.28	3034.55	-225.18	108.22	-225.18	249.84	154.33	1.46
3051.00	5.36	180.28	3035.55	-225.28	108.22	-225.28	249.92	154.34	1.18
3052.00	5.35	180.29	3036.55	-225.37	108.22	-225.37	250.00	154.35	0.91
3053.00	5.34	180.31	3037.54	-225.46	108.21	-225.46	250.09	154.36	1.40
3054.00	5.32	180.35	3038.54	-225.56	108.21	-225.56	250.17	154.37	1.89
3055.00	5.31	180.39	3039.53	-225.65	108.21	-225.65	250.25	154.38	1.22
3056.00	5.30	180.44	3040.53	-225.74	108.21	-225.74	250.34	154.39	1.05
3057.00	5.29	180.48	3041.52	-225.83	108.21	-225.83	250.42	154.40	0.94

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3058.00	5.28	180.53	3042.52	-225.92	108.21	-225.92	250.50	154.41	0.87
3059.00	5.26	180.61	3043.52	-226.02	108.21	-226.02	250.58	154.42	2.37
3060.00	5.24	180.67	3044.51	-226.11	108.21	-226.11	250.67	154.43	2.00
3061.00	5.23	180.68	3045.51	-226.20	108.21	-226.20	250.75	154.43	1.23
3062.00	5.21	180.70	3046.50	-226.29	108.21	-226.29	250.83	154.44	1.23
3063.00	5.20	180.70	3047.50	-226.38	108.21	-226.38	250.91	154.45	1.51
3064.00	5.18	180.71	3048.50	-226.47	108.20	-226.47	250.99	154.46	1.44
3065.00	5.18	180.73	3049.49	-226.56	108.20	-226.56	251.07	154.47	0.74
3066.00	5.17	180.75	3050.49	-226.65	108.20	-226.65	251.15	154.48	0.91
3067.00	5.15	180.81	3051.48	-226.74	108.20	-226.74	251.24	154.49	1.61
3068.00	5.14	180.86	3052.48	-226.83	108.20	-226.83	251.32	154.50	1.55
3069.00	5.13	180.91	3053.47	-226.92	108.20	-226.92	251.40	154.51	1.33
3070.00	5.11	180.96	3054.47	-227.01	108.20	-227.01	251.48	154.52	1.37
3071.00	5.10	181.05	3055.47	-227.10	108.20	-227.10	251.56	154.53	1.73
3072.00	5.08	181.14	3056.46	-227.19	108.19	-227.19	251.63	154.53	1.63
3073.00	5.07	181.23	3057.46	-227.28	108.19	-227.28	251.71	154.54	1.26
3074.00	5.06	181.31	3058.46	-227.36	108.19	-227.36	251.79	154.55	1.29
3075.00	5.05	181.38	3059.45	-227.45	108.19	-227.45	251.87	154.56	1.30
3076.00	5.04	181.46	3060.45	-227.54	108.19	-227.54	251.95	154.57	1.79
3077.00	5.01	181.56	3061.44	-227.63	108.18	-227.63	252.03	154.58	2.28
3078.00	5.00	181.71	3062.44	-227.72	108.18	-227.72	252.11	154.59	2.14
3079.00	4.98	181.88	3063.44	-227.80	108.18	-227.80	252.18	154.60	2.13
3080.00	4.97	181.87	3064.43	-227.89	108.18	-227.89	252.26	154.61	1.21
3081.00	4.96	181.83	3065.43	-227.98	108.17	-227.98	252.34	154.62	1.21
3082.00	4.94	181.88	3066.42	-228.06	108.17	-228.06	252.41	154.62	2.21
3083.00	4.92	181.93	3067.42	-228.15	108.17	-228.15	252.49	154.63	2.21
3084.00	4.90	181.93	3068.42	-228.23	108.16	-228.23	252.57	154.64	1.49
3085.00	4.89	181.93	3069.41	-228.32	108.16	-228.32	252.64	154.65	1.41
3086.00	4.86	182.02	3070.41	-228.40	108.16	-228.40	252.72	154.66	2.44
3087.00	4.84	182.11	3071.41	-228.49	108.16	-228.49	252.79	154.67	2.44
3088.00	4.82	182.17	3072.40	-228.57	108.15	-228.57	252.87	154.68	2.42
3089.00	4.79	182.28	3073.40	-228.66	108.15	-228.66	252.94	154.69	2.54
3090.00	4.77	182.49	3074.40	-228.74	108.15	-228.74	253.02	154.70	3.00
3091.00	4.75	182.54	3075.39	-228.82	108.14	-228.82	253.09	154.70	2.13
3092.00	4.73	182.41	3076.39	-228.90	108.14	-228.90	253.16	154.71	2.09
3093.00	4.70	182.40	3077.39	-228.99	108.13	-228.99	253.23	154.72	2.62
3094.00	4.67	182.52	3078.38	-229.07	108.13	-229.07	253.31	154.73	3.57
3095.00	4.65	182.63	3079.38	-229.15	108.13	-229.15	253.38	154.74	2.29
3096.00	4.63	182.74	3080.38	-229.23	108.12	-229.23	253.45	154.75	1.98
3097.00	4.61	182.71	3081.37	-229.31	108.12	-229.31	253.52	154.76	2.29

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3098.00	4.58	182.54	3082.37	-229.39	108.12	-229.39	253.59	154.76	3.12
3099.00	4.55	182.50	3083.37	-229.47	108.11	-229.47	253.66	154.77	2.94
3100.00	4.52	182.49	3084.36	-229.55	108.11	-229.55	253.73	154.78	2.98
3101.00	4.49	182.46	3085.36	-229.63	108.11	-229.63	253.80	154.79	3.18
3102.00	4.46	182.48	3086.36	-229.70	108.10	-229.70	253.87	154.80	2.52
3103.00	4.45	182.56	3087.35	-229.78	108.10	-229.78	253.94	154.81	1.64
3104.00	4.43	182.66	3088.35	-229.86	108.10	-229.86	254.01	154.81	2.14
3105.00	4.41	182.78	3089.35	-229.94	108.09	-229.94	254.08	154.82	2.35
3106.00	4.39	182.94	3090.34	-230.01	108.09	-230.01	254.14	154.83	2.25
3107.00	4.37	183.14	3091.34	-230.09	108.08	-230.09	254.21	154.84	2.25
3108.00	4.35	183.46	3092.34	-230.17	108.08	-230.17	254.28	154.85	3.13
3109.00	4.33	183.80	3093.34	-230.24	108.08	-230.24	254.34	154.85	3.21
3110.00	4.32	183.90	3094.33	-230.32	108.07	-230.32	254.41	154.86	1.12
3111.00	4.32	183.99	3095.33	-230.39	108.06	-230.39	254.48	154.87	1.12
3112.00	4.30	184.06	3096.33	-230.47	108.06	-230.47	254.54	154.88	1.45
3113.00	4.29	184.11	3097.32	-230.54	108.05	-230.54	254.61	154.89	1.56
3114.00	4.28	184.17	3098.32	-230.62	108.05	-230.62	254.67	154.90	1.05
3115.00	4.27	184.23	3099.32	-230.69	108.04	-230.69	254.74	154.90	0.99
3116.00	4.26	184.25	3100.32	-230.76	108.04	-230.76	254.80	154.91	0.99
3117.00	4.25	184.25	3101.31	-230.84	108.03	-230.84	254.87	154.92	0.91
3118.00	4.25	184.18	3102.31	-230.91	108.03	-230.91	254.93	154.93	0.58
3119.00	4.25	184.11	3103.31	-230.99	108.02	-230.99	255.00	154.94	0.55
3120.00	4.24	184.10	3104.31	-231.06	108.02	-231.06	255.06	154.94	0.64
3121.00	4.23	184.09	3105.30	-231.13	108.01	-231.13	255.13	154.95	0.55
3122.00	4.23	184.06	3106.30	-231.21	108.01	-231.21	255.19	154.96	0.23
3123.00	4.23	184.06	3107.30	-231.28	108.00	-231.28	255.25	154.97	0.44
3124.00	4.22	184.10	3108.29	-231.35	108.00	-231.35	255.32	154.98	0.95
3125.00	4.21	184.13	3109.29	-231.43	107.99	-231.43	255.38	154.99	0.50
3126.00	4.21	184.16	3110.29	-231.50	107.98	-231.50	255.45	154.99	0.31
3127.00	4.21	184.15	3111.29	-231.57	107.98	-231.57	255.51	155.00	0.34
3128.00	4.21	184.15	3112.28	-231.65	107.97	-231.65	255.58	155.01	0.34
3129.00	4.20	184.14	3113.28	-231.72	107.97	-231.72	255.64	155.02	0.25
3130.00	4.20	184.12	3114.28	-231.79	107.96	-231.79	255.70	155.03	0.25
3131.00	4.20	184.11	3115.28	-231.87	107.96	-231.87	255.77	155.03	0.55
3132.00	4.19	184.10	3116.27	-231.94	107.95	-231.94	255.83	155.04	0.58
3133.00	4.19	184.06	3117.27	-232.01	107.95	-232.01	255.90	155.05	0.39
3134.00	4.18	184.02	3118.27	-232.08	107.94	-232.08	255.96	155.06	0.38
3135.00	4.18	184.04	3119.27	-232.16	107.94	-232.16	256.02	155.06	0.39
3136.00	4.18	184.05	3120.26	-232.23	107.93	-232.23	256.09	155.07	0.46
3137.00	4.17	184.05	3121.26	-232.30	107.93	-232.30	256.15	155.08	0.50

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3138.00	4.17	184.05	3122.26	-232.38	107.92	-232.38	256.21	155.09	0.45
3139.00	4.16	184.05	3123.25	-232.45	107.92	-232.45	256.28	155.10	0.38
3140.00	4.16	184.05	3124.25	-232.52	107.91	-232.52	256.34	155.10	0.29
3141.00	4.16	184.05	3125.25	-232.59	107.91	-232.59	256.40	155.11	0.23
3142.00	4.16	184.08	3126.25	-232.67	107.90	-232.67	256.47	155.12	0.30
3143.00	4.15	184.13	3127.24	-232.74	107.90	-232.74	256.53	155.13	0.42
3144.00	4.15	184.18	3128.24	-232.81	107.89	-232.81	256.59	155.14	0.45
3145.00	4.15	184.25	3129.24	-232.88	107.89	-232.88	256.66	155.14	0.50
3146.00	4.15	184.30	3130.24	-232.95	107.88	-232.95	256.72	155.15	0.46
3147.00	4.15	184.35	3131.23	-233.03	107.88	-233.03	256.78	155.16	0.47
3148.00	4.15	184.29	3132.23	-233.10	107.87	-233.10	256.85	155.17	0.46
3149.00	4.14	184.23	3133.23	-233.17	107.86	-233.17	256.91	155.17	0.44
3150.00	4.14	184.17	3134.23	-233.24	107.86	-233.24	256.97	155.18	0.44
3151.00	4.14	184.14	3135.22	-233.31	107.85	-233.31	257.04	155.19	0.28
3152.00	4.14	184.12	3136.22	-233.39	107.85	-233.39	257.10	155.20	0.11
3153.00	4.14	184.11	3137.22	-233.46	107.84	-233.46	257.16	155.21	0.16
3154.00	4.14	184.07	3138.22	-233.53	107.84	-233.53	257.23	155.21	0.28
3155.00	4.14	184.03	3139.21	-233.60	107.83	-233.60	257.29	155.22	0.28
3156.00	4.14	183.99	3140.21	-233.67	107.83	-233.67	257.35	155.23	0.30
3157.00	4.14	183.94	3141.21	-233.75	107.82	-233.75	257.42	155.24	0.36
3158.00	4.14	183.87	3142.20	-233.82	107.82	-233.82	257.48	155.24	0.67
3159.00	4.14	183.80	3143.20	-233.89	107.81	-233.89	257.54	155.25	0.51
3160.00	4.14	183.73	3144.20	-233.96	107.81	-233.96	257.61	155.26	0.50
3161.00	4.14	183.72	3145.20	-234.03	107.80	-234.03	257.67	155.27	0.11
3162.00	4.14	183.72	3146.19	-234.11	107.80	-234.11	257.73	155.28	0.11
3163.00	4.14	183.64	3147.19	-234.18	107.79	-234.18	257.80	155.28	0.62
3164.00	4.14	183.55	3148.19	-234.25	107.79	-234.25	257.86	155.29	0.62
3165.00	4.14	183.46	3149.19	-234.32	107.79	-234.32	257.92	155.30	0.69
3166.00	4.14	183.36	3150.18	-234.39	107.78	-234.39	257.99	155.31	0.70
3167.00	4.14	183.29	3151.18	-234.47	107.78	-234.47	258.05	155.31	0.51
3168.00	4.14	183.22	3152.18	-234.54	107.77	-234.54	258.12	155.32	0.49
3169.00	4.13	183.11	3153.18	-234.61	107.77	-234.61	258.18	155.33	0.89
3170.00	4.13	182.98	3154.17	-234.68	107.77	-234.68	258.24	155.34	0.94
3171.00	4.13	182.88	3155.17	-234.75	107.76	-234.75	258.31	155.34	0.82
3172.00	4.12	182.79	3156.17	-234.83	107.76	-234.83	258.37	155.35	0.70
3173.00	4.12	182.73	3157.17	-234.90	107.75	-234.90	258.43	155.36	0.45
3174.00	4.12	182.66	3158.16	-234.97	107.75	-234.97	258.50	155.37	0.55
3175.00	4.12	182.57	3159.16	-235.04	107.75	-235.04	258.56	155.37	0.73
3176.00	4.11	182.49	3160.16	-235.11	107.74	-235.11	258.63	155.38	0.72
3177.00	4.11	182.41	3161.16	-235.19	107.74	-235.19	258.69	155.39	0.72

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3178.00	4.11	182.33	3162.15	-235.26	107.74	-235.26	258.75	155.39	0.69
3179.00	4.10	182.24	3163.15	-235.33	107.74	-235.33	258.82	155.40	0.70
3180.00	4.10	182.16	3164.15	-235.40	107.73	-235.40	258.88	155.41	0.65
3181.00	4.09	182.11	3165.15	-235.47	107.73	-235.47	258.94	155.42	0.64
3182.00	4.09	182.04	3166.14	-235.54	107.73	-235.54	259.01	155.42	0.56
3183.00	4.09	181.97	3167.14	-235.61	107.73	-235.61	259.07	155.43	0.55
3184.00	4.09	181.93	3168.14	-235.68	107.72	-235.68	259.14	155.44	0.34
3185.00	4.09	181.92	3169.13	-235.76	107.72	-235.76	259.20	155.44	0.34
3186.00	4.08	181.86	3170.13	-235.83	107.72	-235.83	259.26	155.45	0.52
3187.00	4.08	181.78	3171.13	-235.90	107.72	-235.90	259.33	155.46	0.60
3188.00	4.08	181.67	3172.13	-235.97	107.71	-235.97	259.39	155.46	0.81
3189.00	4.08	181.58	3173.12	-236.04	107.71	-236.04	259.46	155.47	0.71
3190.00	4.08	181.54	3174.12	-236.11	107.71	-236.11	259.52	155.48	0.26
3191.00	4.08	181.50	3175.12	-236.18	107.71	-236.18	259.58	155.49	0.26
3192.00	4.08	181.46	3176.12	-236.25	107.71	-236.25	259.65	155.49	0.29
3193.00	4.08	181.42	3177.11	-236.32	107.70	-236.32	259.71	155.50	0.32
3194.00	4.08	181.35	3178.11	-236.40	107.70	-236.40	259.77	155.51	0.52
3195.00	4.08	181.27	3179.11	-236.47	107.70	-236.47	259.84	155.51	0.51
3196.00	4.08	181.22	3180.11	-236.54	107.70	-236.54	259.90	155.52	0.47
3197.00	4.08	181.16	3181.10	-236.61	107.70	-236.61	259.97	155.53	0.44
3198.00	4.08	181.11	3182.10	-236.68	107.70	-236.68	260.03	155.53	0.38
3199.00	4.08	181.00	3183.10	-236.75	107.70	-236.75	260.10	155.54	0.75
3200.00	4.09	180.82	3184.10	-236.82	107.69	-236.82	260.16	155.55	1.31
3201.00	4.09	180.66	3185.09	-236.89	107.69	-236.89	260.22	155.55	1.16
3202.00	4.09	180.52	3186.09	-236.97	107.69	-236.97	260.29	155.56	1.01
3203.00	4.09	180.33	3187.09	-237.04	107.69	-237.04	260.35	155.57	1.34
3204.00	4.08	180.10	3188.09	-237.11	107.69	-237.11	260.42	155.57	1.66
3205.00	4.08	179.89	3189.08	-237.18	107.69	-237.18	260.48	155.58	1.47
3206.00	4.08	179.69	3190.08	-237.25	107.69	-237.25	260.55	155.59	1.39
3207.00	4.09	179.48	3191.08	-237.32	107.69	-237.32	260.61	155.59	1.50
3208.00	4.09	179.26	3192.08	-237.39	107.69	-237.39	260.68	155.60	1.62
3209.00	4.09	179.10	3193.07	-237.46	107.69	-237.46	260.74	155.60	1.14
3210.00	4.09	178.94	3194.07	-237.54	107.70	-237.54	260.81	155.61	1.14
3211.00	4.08	178.73	3195.07	-237.61	107.70	-237.61	260.87	155.62	1.52
3212.00	4.08	178.48	3196.07	-237.68	107.70	-237.68	260.94	155.62	1.78
3213.00	4.08	178.25	3197.06	-237.75	107.70	-237.75	261.01	155.63	1.64
3214.00	4.08	178.02	3198.06	-237.82	107.70	-237.82	261.07	155.64	1.61
3215.00	4.08	177.81	3199.06	-237.89	107.71	-237.89	261.14	155.64	1.51
3216.00	4.08	177.60	3200.06	-237.96	107.71	-237.96	261.20	155.65	1.52
3217.00	4.07	177.38	3201.05	-238.03	107.71	-238.03	261.27	155.65	1.61

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3218.00	4.07	177.19	3202.05	-238.10	107.71	-238.10	261.34	155.66	1.37
3219.00	4.07	177.03	3203.05	-238.18	107.72	-238.18	261.40	155.66	1.17
3220.00	4.07	176.84	3204.05	-238.25	107.72	-238.25	261.47	155.67	1.31
3221.00	4.07	176.64	3205.04	-238.32	107.73	-238.32	261.53	155.68	1.46
3222.00	4.07	176.43	3206.04	-238.39	107.73	-238.39	261.60	155.68	1.49
3223.00	4.07	176.21	3207.04	-238.46	107.74	-238.46	261.67	155.69	1.54
3224.00	4.07	176.04	3208.04	-238.53	107.74	-238.53	261.73	155.69	1.22
3225.00	4.07	175.90	3209.03	-238.60	107.74	-238.60	261.80	155.70	1.01
3226.00	4.07	175.78	3210.03	-238.67	107.75	-238.67	261.87	155.70	0.87
3227.00	4.07	175.67	3211.03	-238.74	107.76	-238.74	261.93	155.71	0.78
3228.00	4.07	175.59	3212.03	-238.81	107.76	-238.81	262.00	155.71	0.54
3229.00	4.07	175.54	3213.02	-238.88	107.77	-238.88	262.07	155.72	0.44
3230.00	4.07	175.47	3214.02	-238.95	107.77	-238.95	262.13	155.72	0.44
3231.00	4.07	175.41	3215.02	-239.02	107.78	-239.02	262.20	155.73	0.47
3232.00	4.07	175.34	3216.02	-239.10	107.78	-239.10	262.27	155.73	0.54
3233.00	4.08	175.26	3217.01	-239.17	107.79	-239.17	262.33	155.74	0.57
3234.00	4.08	175.21	3218.01	-239.24	107.79	-239.24	262.40	155.74	0.40
3235.00	4.08	175.17	3219.01	-239.31	107.80	-239.31	262.47	155.75	0.33
3236.00	4.08	175.08	3220.01	-239.38	107.81	-239.38	262.54	155.76	0.72
3237.00	4.09	174.98	3221.00	-239.45	107.81	-239.45	262.60	155.76	0.81
3238.00	4.09	174.87	3222.00	-239.52	107.82	-239.52	262.67	155.77	0.80
3239.00	4.09	174.77	3223.00	-239.59	107.83	-239.59	262.74	155.77	0.75
3240.00	4.09	174.74	3224.00	-239.66	107.83	-239.66	262.80	155.78	0.22
3241.00	4.09	174.70	3224.99	-239.73	107.84	-239.73	262.87	155.78	0.22
3242.00	4.09	174.68	3225.99	-239.81	107.85	-239.81	262.94	155.79	0.58
3243.00	4.10	174.65	3226.99	-239.88	107.85	-239.88	263.01	155.79	0.64
3244.00	4.10	174.56	3227.99	-239.95	107.86	-239.95	263.07	155.80	0.79
3245.00	4.11	174.50	3228.98	-240.02	107.87	-240.02	263.14	155.80	0.45
3246.00	4.11	174.48	3229.98	-240.09	107.87	-240.09	263.21	155.81	0.16
3247.00	4.11	174.43	3230.98	-240.16	107.88	-240.16	263.28	155.81	0.38
3248.00	4.11	174.31	3231.98	-240.23	107.89	-240.23	263.35	155.82	0.92
3249.00	4.11	174.18	3232.97	-240.30	107.89	-240.30	263.41	155.82	0.96
3250.00	4.11	174.03	3233.97	-240.38	107.90	-240.38	263.48	155.83	1.06
3251.00	4.12	173.91	3234.97	-240.45	107.91	-240.45	263.55	155.83	0.90
3252.00	4.12	173.81	3235.96	-240.52	107.92	-240.52	263.62	155.84	0.82
3253.00	4.12	173.69	3236.96	-240.59	107.92	-240.59	263.69	155.84	0.91
3254.00	4.12	173.56	3237.96	-240.66	107.93	-240.66	263.76	155.84	0.97
3255.00	4.13	173.39	3238.96	-240.73	107.94	-240.73	263.82	155.85	1.19
3256.00	4.13	173.24	3239.95	-240.80	107.95	-240.80	263.89	155.85	1.14
3257.00	4.13	173.14	3240.95	-240.88	107.96	-240.88	263.96	155.86	0.71

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3258.00	4.12	173.04	3241.95	-240.95	107.97	-240.95	264.03	155.86	0.70
3259.00	4.13	172.95	3242.95	-241.02	107.97	-241.02	264.10	155.87	0.83
3260.00	4.13	172.86	3243.94	-241.09	107.98	-241.09	264.17	155.87	0.83
3261.00	4.14	172.75	3244.94	-241.16	107.99	-241.16	264.24	155.88	0.87
3262.00	4.14	172.65	3245.94	-241.23	108.00	-241.23	264.31	155.88	0.77
3263.00	4.14	172.57	3246.94	-241.30	108.01	-241.30	264.38	155.89	0.62
3264.00	4.14	172.46	3247.93	-241.38	108.02	-241.38	264.44	155.89	0.77
3265.00	4.14	172.33	3248.93	-241.45	108.03	-241.45	264.51	155.89	0.92
3266.00	4.14	172.20	3249.93	-241.52	108.04	-241.52	264.58	155.90	0.97
3267.00	4.15	172.06	3250.93	-241.59	108.05	-241.59	264.65	155.90	1.13
3268.00	4.15	171.97	3251.92	-241.66	108.06	-241.66	264.72	155.91	0.69
3269.00	4.15	171.88	3252.92	-241.73	108.07	-241.73	264.79	155.91	0.65
3270.00	4.15	171.77	3253.92	-241.81	108.08	-241.81	264.86	155.92	0.81
3271.00	4.15	171.65	3254.92	-241.88	108.09	-241.88	264.93	155.92	0.86
3272.00	4.15	171.55	3255.91	-241.95	108.10	-241.95	265.00	155.93	0.74
3273.00	4.15	171.46	3256.91	-242.02	108.11	-242.02	265.07	155.93	0.71
3274.00	4.15	171.42	3257.91	-242.09	108.12	-242.09	265.14	155.93	0.29
3275.00	4.15	171.40	3258.90	-242.16	108.13	-242.16	265.21	155.94	0.13
3276.00	4.15	171.36	3259.90	-242.24	108.14	-242.24	265.28	155.94	0.38
3277.00	4.16	171.32	3260.90	-242.31	108.16	-242.31	265.35	155.95	0.39
3278.00	4.16	171.27	3261.90	-242.38	108.17	-242.38	265.42	155.95	0.47
3279.00	4.16	171.21	3262.89	-242.45	108.18	-242.45	265.49	155.95	0.47
3280.00	4.16	171.15	3263.89	-242.52	108.19	-242.52	265.56	155.96	0.49
3281.00	4.17	171.09	3264.89	-242.59	108.20	-242.59	265.63	155.96	0.48
3282.00	4.17	171.03	3265.89	-242.67	108.21	-242.67	265.70	155.97	0.46
3283.00	4.17	170.97	3266.88	-242.74	108.22	-242.74	265.77	155.97	0.43
3284.00	4.17	170.92	3267.88	-242.81	108.23	-242.81	265.84	155.97	0.37
3285.00	4.17	170.86	3268.88	-242.88	108.25	-242.88	265.91	155.98	0.45
3286.00	4.17	170.78	3269.88	-242.95	108.26	-242.95	265.98	155.98	0.64
3287.00	4.17	170.68	3270.87	-243.02	108.27	-243.02	266.05	155.99	0.71
3288.00	4.17	170.57	3271.87	-243.10	108.28	-243.10	266.12	155.99	0.84
3289.00	4.17	170.48	3272.87	-243.17	108.29	-243.17	266.19	155.99	0.62
3290.00	4.17	170.42	3273.87	-243.24	108.30	-243.24	266.26	156.00	0.47
3291.00	4.18	170.30	3274.86	-243.31	108.32	-243.31	266.33	156.00	0.94
3292.00	4.18	170.17	3275.86	-243.38	108.33	-243.38	266.40	156.01	1.07
3293.00	4.18	170.07	3276.86	-243.46	108.34	-243.46	266.47	156.01	0.74
3294.00	4.18	169.97	3277.85	-243.53	108.35	-243.53	266.54	156.01	0.72
3295.00	4.19	169.89	3278.85	-243.60	108.37	-243.60	266.62	156.02	0.72
3296.00	4.19	169.81	3279.85	-243.67	108.38	-243.67	266.69	156.02	0.73
3297.00	4.19	169.75	3280.85	-243.74	108.39	-243.74	266.76	156.03	0.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3298.00	4.19	169.69	3281.84	-243.81	108.41	-243.81	266.83	156.03	0.42
3299.00	4.19	169.59	3282.84	-243.89	108.42	-243.89	266.90	156.03	0.70
3300.00	4.19	169.46	3283.84	-243.96	108.43	-243.96	266.97	156.04	0.98
3301.00	4.19	169.36	3284.84	-244.03	108.45	-244.03	267.04	156.04	0.76
3302.00	4.19	169.27	3285.83	-244.10	108.46	-244.10	267.11	156.04	0.63
3303.00	4.19	169.19	3286.83	-244.17	108.47	-244.17	267.18	156.05	0.70
3304.00	4.20	169.10	3287.83	-244.25	108.49	-244.25	267.26	156.05	0.81
3305.00	4.20	169.03	3288.83	-244.32	108.50	-244.32	267.33	156.05	0.47
3306.00	4.20	168.98	3289.82	-244.39	108.51	-244.39	267.40	156.06	0.40
3307.00	4.20	168.91	3290.82	-244.46	108.53	-244.46	267.47	156.06	0.49
3308.00	4.20	168.83	3291.82	-244.53	108.54	-244.53	267.54	156.06	0.63
3309.00	4.20	168.74	3292.81	-244.61	108.56	-244.61	267.61	156.07	0.66
3310.00	4.21	168.66	3293.81	-244.68	108.57	-244.68	267.68	156.07	0.73
3311.00	4.21	168.53	3294.81	-244.75	108.59	-244.75	267.76	156.07	1.03
3312.00	4.21	168.39	3295.81	-244.82	108.60	-244.82	267.83	156.08	1.11
3313.00	4.21	168.30	3296.80	-244.89	108.62	-244.89	267.90	156.08	0.63
3314.00	4.21	168.23	3297.80	-244.97	108.63	-244.97	267.97	156.09	0.54
3315.00	4.21	168.21	3298.80	-245.04	108.65	-245.04	268.04	156.09	0.18
3316.00	4.21	168.18	3299.80	-245.11	108.66	-245.11	268.11	156.09	0.17
3317.00	4.22	168.17	3300.79	-245.18	108.68	-245.18	268.19	156.09	0.36
3318.00	4.22	168.16	3301.79	-245.25	108.69	-245.25	268.26	156.10	0.36
3319.00	4.22	168.16	3302.79	-245.32	108.71	-245.32	268.33	156.10	0.37
3320.00	4.23	168.15	3303.78	-245.40	108.72	-245.40	268.40	156.10	0.34
3321.00	4.23	168.14	3304.78	-245.47	108.74	-245.47	268.47	156.11	0.14
3322.00	4.23	168.13	3305.78	-245.54	108.75	-245.54	268.55	156.11	0.14
3323.00	4.23	168.10	3306.78	-245.61	108.77	-245.61	268.62	156.11	0.53
3324.00	4.24	168.08	3307.77	-245.69	108.78	-245.69	268.69	156.12	0.53
3325.00	4.24	168.04	3308.77	-245.76	108.80	-245.76	268.76	156.12	0.36
3326.00	4.24	168.00	3309.77	-245.83	108.81	-245.83	268.84	156.12	0.33
3327.00	4.24	167.96	3310.77	-245.90	108.83	-245.90	268.91	156.13	0.50
3328.00	4.24	167.90	3311.76	-245.98	108.84	-245.98	268.98	156.13	0.53
3329.00	4.24	167.79	3312.76	-246.05	108.86	-246.05	269.05	156.13	0.81
3330.00	4.24	167.73	3313.76	-246.12	108.87	-246.12	269.13	156.14	0.51
3331.00	4.25	167.71	3314.75	-246.19	108.89	-246.19	269.20	156.14	0.45
3332.00	4.25	167.67	3315.75	-246.26	108.91	-246.26	269.27	156.14	0.37
3333.00	4.25	167.61	3316.75	-246.34	108.92	-246.34	269.34	156.15	0.43
3334.00	4.25	167.52	3317.75	-246.41	108.94	-246.41	269.42	156.15	0.68
3335.00	4.25	167.41	3318.74	-246.48	108.95	-246.48	269.49	156.15	0.78
3336.00	4.26	167.34	3319.74	-246.55	108.97	-246.55	269.56	156.16	0.68
3337.00	4.26	167.28	3320.74	-246.63	108.99	-246.63	269.63	156.16	0.74

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3338.00	4.26	167.22	3321.74	-246.70	109.00	-246.70	269.71	156.16	0.51
3339.00	4.26	167.15	3322.73	-246.77	109.02	-246.77	269.78	156.17	0.55
3340.00	4.26	167.04	3323.73	-246.84	109.04	-246.84	269.85	156.17	0.81
3341.00	4.26	166.92	3324.73	-246.92	109.05	-246.92	269.93	156.17	0.93
3342.00	4.26	166.80	3325.72	-246.99	109.07	-246.99	270.00	156.17	0.86
3343.00	4.26	166.69	3326.72	-247.06	109.09	-247.06	270.07	156.18	0.85
3344.00	4.26	166.56	3327.72	-247.13	109.10	-247.13	270.14	156.18	0.92
3345.00	4.26	166.44	3328.72	-247.21	109.12	-247.21	270.22	156.18	0.89
3346.00	4.26	166.36	3329.71	-247.28	109.14	-247.28	270.29	156.19	0.67
3347.00	4.26	166.27	3330.71	-247.35	109.16	-247.35	270.36	156.19	0.67
3348.00	4.26	166.14	3331.71	-247.42	109.17	-247.42	270.44	156.19	0.99
3349.00	4.26	166.00	3332.70	-247.49	109.19	-247.49	270.51	156.19	1.03
3350.00	4.27	165.92	3333.70	-247.57	109.21	-247.57	270.58	156.20	0.66
3351.00	4.27	165.84	3334.70	-247.64	109.23	-247.64	270.66	156.20	0.66
3352.00	4.27	165.77	3335.70	-247.71	109.25	-247.71	270.73	156.20	0.60
3353.00	4.27	165.69	3336.69	-247.78	109.26	-247.78	270.80	156.20	0.61
3354.00	4.27	165.63	3337.69	-247.85	109.28	-247.85	270.88	156.21	0.49
3355.00	4.27	165.56	3338.69	-247.93	109.30	-247.93	270.95	156.21	0.49
3356.00	4.27	165.56	3339.69	-248.00	109.32	-248.00	271.02	156.21	0.27
3357.00	4.27	165.57	3340.68	-248.07	109.34	-248.07	271.10	156.21	0.32
3358.00	4.27	165.51	3341.68	-248.14	109.36	-248.14	271.17	156.22	0.51
3359.00	4.27	165.46	3342.68	-248.22	109.38	-248.22	271.24	156.22	0.49
3360.00	4.27	165.38	3343.67	-248.29	109.39	-248.29	271.32	156.22	0.60
3361.00	4.27	165.33	3344.67	-248.36	109.41	-248.36	271.39	156.22	0.44
3362.00	4.27	165.34	3345.67	-248.43	109.43	-248.43	271.47	156.23	0.20
3363.00	4.27	165.35	3346.67	-248.50	109.45	-248.50	271.54	156.23	0.12
3364.00	4.27	165.37	3347.66	-248.58	109.47	-248.58	271.61	156.23	0.23
3365.00	4.27	165.39	3348.66	-248.65	109.49	-248.65	271.69	156.23	0.15
3366.00	4.27	165.40	3349.66	-248.72	109.51	-248.72	271.76	156.24	0.04
3367.00	4.27	165.41	3350.65	-248.79	109.53	-248.79	271.83	156.24	0.09
3368.00	4.27	165.44	3351.65	-248.86	109.54	-248.86	271.91	156.24	0.21
3369.00	4.27	165.45	3352.65	-248.94	109.56	-248.94	271.98	156.24	0.10
3370.00	4.27	165.43	3353.65	-249.01	109.58	-249.01	272.05	156.25	0.18
3371.00	4.27	165.40	3354.64	-249.08	109.60	-249.08	272.13	156.25	0.23
3372.00	4.27	165.34	3355.64	-249.15	109.62	-249.15	272.20	156.25	0.44
3373.00	4.27	165.30	3356.64	-249.22	109.64	-249.22	272.27	156.25	0.32
3374.00	4.27	165.32	3357.64	-249.30	109.66	-249.30	272.35	156.26	0.22
3375.00	4.27	165.33	3358.63	-249.37	109.68	-249.37	272.42	156.26	0.13
3376.00	4.27	165.22	3359.63	-249.44	109.70	-249.44	272.49	156.26	0.84
3377.00	4.27	165.11	3360.63	-249.51	109.71	-249.51	272.57	156.26	0.84

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3378.00	4.26	165.02	3361.62	-249.58	109.73	-249.58	272.64	156.27	0.70
3379.00	4.26	164.96	3362.62	-249.66	109.75	-249.66	272.72	156.27	0.42
3380.00	4.26	164.93	3363.62	-249.73	109.77	-249.73	272.79	156.27	0.25
3381.00	4.26	164.90	3364.62	-249.80	109.79	-249.80	272.86	156.27	0.25
3382.00	4.26	164.86	3365.61	-249.87	109.81	-249.87	272.94	156.28	0.26
3383.00	4.26	164.82	3366.61	-249.94	109.83	-249.94	273.01	156.28	0.37
3384.00	4.26	164.71	3367.61	-250.01	109.85	-250.01	273.08	156.28	0.90
3385.00	4.26	164.65	3368.61	-250.09	109.87	-250.09	273.16	156.28	0.43
3386.00	4.26	164.61	3369.60	-250.16	109.89	-250.16	273.23	156.29	0.33
3387.00	4.26	164.56	3370.60	-250.23	109.91	-250.23	273.30	156.29	0.40
3388.00	4.26	164.50	3371.60	-250.30	109.93	-250.30	273.38	156.29	0.42
3389.00	4.25	164.44	3372.59	-250.37	109.95	-250.37	273.45	156.29	0.45
3390.00	4.25	164.37	3373.59	-250.44	109.97	-250.44	273.52	156.29	0.52
3391.00	4.25	164.30	3374.59	-250.52	109.99	-250.52	273.60	156.30	0.53
3392.00	4.25	164.24	3375.59	-250.59	110.01	-250.59	273.67	156.30	0.63
3393.00	4.24	164.19	3376.58	-250.66	110.03	-250.66	273.74	156.30	0.48
3394.00	4.24	164.16	3377.58	-250.73	110.05	-250.73	273.82	156.30	0.27
3395.00	4.24	164.11	3378.58	-250.80	110.07	-250.80	273.89	156.30	0.38
3396.00	4.24	164.04	3379.57	-250.87	110.09	-250.87	273.96	156.31	0.66
3397.00	4.24	163.97	3380.57	-250.94	110.11	-250.94	274.04	156.31	0.50
3398.00	4.24	163.93	3381.57	-251.01	110.13	-251.01	274.11	156.31	0.38
3399.00	4.24	163.92	3382.57	-251.08	110.15	-251.08	274.18	156.31	0.13
3400.00	4.24	163.96	3383.56	-251.16	110.17	-251.16	274.26	156.31	0.46
3401.00	4.23	164.00	3384.56	-251.23	110.19	-251.23	274.33	156.32	0.43
3402.00	4.23	164.00	3385.56	-251.30	110.21	-251.30	274.40	156.32	0.23
3403.00	4.23	164.00	3386.56	-251.37	110.23	-251.37	274.48	156.32	0.23
3404.00	4.23	163.96	3387.55	-251.44	110.25	-251.44	274.55	156.32	0.41
3405.00	4.22	163.92	3388.55	-251.51	110.27	-251.51	274.62	156.33	0.41
3406.00	4.22	163.92	3389.55	-251.58	110.29	-251.58	274.70	156.33	0.13
3407.00	4.23	163.93	3390.54	-251.65	110.31	-251.65	274.77	156.33	0.13
3408.00	4.22	163.94	3391.54	-251.72	110.33	-251.72	274.84	156.33	0.28
3409.00	4.22	163.93	3392.54	-251.79	110.35	-251.79	274.91	156.33	0.19
3410.00	4.22	163.90	3393.54	-251.86	110.37	-251.86	274.99	156.34	0.29
3411.00	4.22	163.87	3394.53	-251.93	110.40	-251.93	275.06	156.34	0.25
3412.00	4.22	163.86	3395.53	-252.00	110.42	-252.00	275.13	156.34	0.27
3413.00	4.21	163.84	3396.53	-252.08	110.44	-252.08	275.21	156.34	0.26
3414.00	4.21	163.81	3397.53	-252.15	110.46	-252.15	275.28	156.34	0.26
3415.00	4.21	163.78	3398.52	-252.22	110.48	-252.22	275.35	156.35	0.30
3416.00	4.21	163.73	3399.52	-252.29	110.50	-252.29	275.42	156.35	0.36
3417.00	4.21	163.68	3400.52	-252.36	110.52	-252.36	275.50	156.35	0.43

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3418.00	4.20	163.62	3401.52	-252.43	110.54	-252.43	275.57	156.35	0.54
3419.00	4.20	163.57	3402.51	-252.50	110.56	-252.50	275.64	156.35	0.55
3420.00	4.19	163.54	3403.51	-252.57	110.58	-252.57	275.72	156.36	0.62
3421.00	4.19	163.50	3404.51	-252.64	110.60	-252.64	275.79	156.36	0.55
3422.00	4.19	163.43	3405.50	-252.71	110.62	-252.71	275.86	156.36	0.59
3423.00	4.19	163.36	3406.50	-252.78	110.64	-252.78	275.93	156.36	0.59
3424.00	4.19	163.24	3407.50	-252.85	110.66	-252.85	276.01	156.36	0.90
3425.00	4.19	163.14	3408.50	-252.92	110.68	-252.92	276.08	156.36	0.79
3426.00	4.19	163.07	3409.49	-252.99	110.71	-252.99	276.15	156.37	0.53
3427.00	4.18	163.01	3410.49	-253.06	110.73	-253.06	276.22	156.37	0.52
3428.00	4.18	162.95	3411.49	-253.13	110.75	-253.13	276.30	156.37	0.56
3429.00	4.18	162.89	3412.49	-253.20	110.77	-253.20	276.37	156.37	0.55
3430.00	4.18	162.82	3413.48	-253.27	110.79	-253.27	276.44	156.37	0.58
3431.00	4.10	158.18	3414.48	-253.34	110.82	-253.34	276.51	156.37	34.22
3432.00	4.15	161.10	3415.48	-253.40	110.84	-253.40	276.58	156.38	21.52
3433.00	4.15	160.69	3416.48	-253.47	110.86	-253.47	276.66	156.38	2.98
3434.00	4.09	156.97	3417.47	-253.54	110.89	-253.54	276.73	156.38	27.38
3435.00	4.14	160.16	3418.47	-253.60	110.92	-253.60	276.80	156.38	23.42
3436.00	4.11	158.00	3419.47	-253.67	110.94	-253.67	276.87	156.38	15.75
3437.00	4.14	159.89	3420.46	-253.74	110.97	-253.74	276.94	156.38	13.83
3438.00	4.11	158.16	3421.46	-253.81	110.99	-253.81	277.01	156.38	12.61
3439.00	4.14	160.13	3422.46	-253.87	111.02	-253.87	277.09	156.38	14.40
3440.00	4.11	158.19	3423.46	-253.94	111.04	-253.94	277.16	156.38	14.22
3441.00	4.15	160.69	3424.45	-254.01	111.07	-254.01	277.23	156.38	18.35
3442.00	4.12	158.00	3425.45	-254.08	111.10	-254.08	277.30	156.38	19.64
3443.00	4.15	161.13	3426.45	-254.14	111.12	-254.14	277.37	156.38	22.90
3444.00	4.11	157.64	3427.45	-254.21	111.15	-254.21	277.45	156.38	25.49
3445.00	4.15	160.95	3428.44	-254.28	111.17	-254.28	277.52	156.38	24.05
3446.00	4.12	157.70	3429.44	-254.35	111.20	-254.35	277.59	156.39	23.60
3447.00	4.14	160.42	3430.44	-254.41	111.22	-254.41	277.66	156.39	19.76
3448.00	4.11	157.70	3431.44	-254.48	111.25	-254.48	277.73	156.39	19.79
3449.00	4.14	160.25	3432.43	-254.55	111.27	-254.55	277.81	156.39	18.50
3450.00	4.12	158.13	3433.43	-254.61	111.30	-254.61	277.88	156.39	15.34
3451.00	4.13	159.66	3434.43	-254.68	111.33	-254.68	277.95	156.39	11.02
3452.00	4.12	158.47	3435.43	-254.75	111.35	-254.75	278.02	156.39	8.61
3453.00	4.11	159.28	3436.42	-254.82	111.38	-254.82	278.09	156.39	5.94
3454.00	4.10	158.57	3437.42	-254.88	111.40	-254.88	278.16	156.39	5.31
3455.00	4.10	158.55	3438.42	-254.95	111.43	-254.95	278.24	156.39	0.11
3456.00	4.10	158.85	3439.42	-255.02	111.45	-255.02	278.31	156.39	2.23
3457.00	4.09	158.45	3440.41	-255.08	111.48	-255.08	278.38	156.39	3.06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3458.00	4.10	159.06	3441.41	-255.15	111.51	-255.15	278.45	156.39	4.41
3459.00	4.08	157.68	3442.41	-255.21	111.53	-255.21	278.52	156.39	10.01
3460.00	4.11	159.20	3443.41	-255.28	111.56	-255.28	278.59	156.39	11.14
3461.00	4.07	156.69	3444.40	-255.35	111.59	-255.35	278.66	156.39	18.28
3462.00	4.10	158.96	3445.40	-255.41	111.61	-255.41	278.74	156.40	16.46
3463.00	4.12	160.29	3446.40	-255.48	111.64	-255.48	278.81	156.40	9.73
3464.00	4.12	160.21	3447.40	-255.55	111.66	-255.55	278.88	156.40	0.60
3465.00	4.12	160.15	3448.39	-255.62	111.69	-255.62	278.95	156.40	0.43
3466.00	4.12	160.13	3449.39	-255.68	111.71	-255.68	279.02	156.40	0.33
3467.00	4.12	160.10	3450.39	-255.75	111.74	-255.75	279.09	156.40	0.34
3468.00	4.12	160.01	3451.38	-255.82	111.76	-255.82	279.17	156.40	0.64
3469.00	4.12	159.97	3452.38	-255.89	111.78	-255.89	279.24	156.40	0.31
3470.00	4.11	159.95	3453.38	-255.95	111.81	-255.95	279.31	156.40	0.19
3471.00	4.11	159.93	3454.38	-256.02	111.83	-256.02	279.38	156.40	0.21
3472.00	4.11	159.90	3455.37	-256.09	111.86	-256.09	279.45	156.40	0.21
3473.00	4.11	159.86	3456.37	-256.16	111.88	-256.16	279.52	156.41	0.30
3474.00	4.12	159.81	3457.37	-256.22	111.91	-256.22	279.59	156.41	0.37
3475.00	4.11	159.82	3458.37	-256.29	111.93	-256.29	279.67	156.41	0.07
3476.00	4.11	159.83	3459.36	-256.36	111.96	-256.36	279.74	156.41	0.17
3477.00	4.11	159.82	3460.36	-256.42	111.98	-256.42	279.81	156.41	0.32
3478.00	4.10	159.75	3461.36	-256.49	112.01	-256.49	279.88	156.41	0.75
3479.00	4.11	159.75	3462.36	-256.56	112.03	-256.56	279.95	156.41	0.06
3480.00	4.11	159.78	3463.35	-256.63	112.06	-256.63	280.02	156.41	0.26
3481.00	4.11	159.79	3464.35	-256.69	112.08	-256.69	280.10	156.41	0.16
3482.00	4.11	159.81	3465.35	-256.76	112.11	-256.76	280.17	156.41	0.11
3483.00	4.11	159.79	3466.35	-256.83	112.13	-256.83	280.24	156.41	0.14
3484.00	4.11	159.76	3467.34	-256.89	112.16	-256.89	280.31	156.41	0.31
3485.00	4.10	159.74	3468.34	-256.96	112.18	-256.96	280.38	156.42	0.42
3486.00	4.10	159.74	3469.34	-257.03	112.20	-257.03	280.45	156.42	0.56
3487.00	4.09	159.72	3470.34	-257.10	112.23	-257.10	280.52	156.42	0.34
3488.00	4.10	159.67	3471.33	-257.16	112.25	-257.16	280.60	156.42	0.43
3489.00	4.10	159.63	3472.33	-257.23	112.28	-257.23	280.67	156.42	0.36
3490.00	4.10	159.63	3473.33	-257.30	112.30	-257.30	280.74	156.42	0.11
3491.00	4.10	159.61	3474.33	-257.36	112.33	-257.36	280.81	156.42	0.09
3492.00	4.10	159.58	3475.32	-257.43	112.35	-257.43	280.88	156.42	0.44
3493.00	4.09	159.55	3476.32	-257.50	112.38	-257.50	280.95	156.42	0.32
3494.00	4.09	159.53	3477.32	-257.56	112.40	-257.56	281.02	156.42	0.12
3495.00	4.09	159.50	3478.32	-257.63	112.43	-257.63	281.09	156.42	0.25
3496.00	4.09	159.42	3479.31	-257.70	112.45	-257.70	281.17	156.42	0.55
3497.00	4.09	159.36	3480.31	-257.77	112.48	-257.77	281.24	156.43	0.42

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3498.00	4.09	159.35	3481.31	-257.83	112.50	-257.83	281.31	156.43	0.12
3499.00	4.09	159.32	3482.31	-257.90	112.53	-257.90	281.38	156.43	0.22
3500.00	4.09	159.26	3483.30	-257.97	112.55	-257.97	281.45	156.43	0.52
3501.00	4.09	159.23	3484.30	-258.03	112.58	-258.03	281.52	156.43	0.21
3502.00	4.09	159.21	3485.30	-258.10	112.61	-258.10	281.59	156.43	0.18
3503.00	4.09	159.18	3486.30	-258.17	112.63	-258.17	281.66	156.43	0.36
3504.00	4.09	159.13	3487.29	-258.23	112.66	-258.23	281.74	156.43	0.55
3505.00	4.08	159.08	3488.29	-258.30	112.68	-258.30	281.81	156.43	0.38
3506.00	4.08	159.03	3489.29	-258.37	112.71	-258.37	281.88	156.43	0.37
3507.00	4.09	158.99	3490.29	-258.43	112.73	-258.43	281.95	156.43	0.34
3508.00	4.09	158.97	3491.28	-258.50	112.76	-258.50	282.02	156.43	0.36
3509.00	4.09	158.94	3492.28	-258.57	112.78	-258.57	282.09	156.43	0.28
3510.00	4.09	158.90	3493.28	-258.63	112.81	-258.63	282.16	156.43	0.26
3511.00	4.09	158.84	3494.27	-258.70	112.83	-258.70	282.23	156.43	0.45
3512.00	4.09	158.75	3495.27	-258.76	112.86	-258.76	282.31	156.44	0.69
3513.00	4.09	158.69	3496.27	-258.83	112.89	-258.83	282.38	156.44	0.44
3514.00	4.10	158.66	3497.27	-258.90	112.91	-258.90	282.45	156.44	0.52
3515.00	4.10	158.60	3498.26	-258.96	112.94	-258.96	282.52	156.44	0.43
3516.00	4.10	158.53	3499.26	-259.03	112.96	-259.03	282.59	156.44	0.51
3517.00	4.10	158.49	3500.26	-259.10	112.99	-259.10	282.66	156.44	0.31
3518.00	4.10	158.46	3501.26	-259.16	113.02	-259.16	282.73	156.44	0.18
3519.00	4.10	158.45	3502.25	-259.23	113.04	-259.23	282.81	156.44	0.13
3520.00	4.10	158.43	3503.25	-259.30	113.07	-259.30	282.88	156.44	0.10
3521.00	4.10	158.42	3504.25	-259.36	113.10	-259.36	282.95	156.44	0.10
3522.00	4.10	158.41	3505.25	-259.43	113.12	-259.43	283.02	156.44	0.10
3523.00	4.10	158.41	3506.24	-259.50	113.15	-259.50	283.09	156.44	0.09
3524.00	4.09	158.40	3507.24	-259.56	113.17	-259.56	283.16	156.44	0.13
3525.00	4.09	158.41	3508.24	-259.63	113.20	-259.63	283.23	156.44	0.15
3526.00	4.09	158.43	3509.24	-259.69	113.23	-259.69	283.31	156.44	0.16
3527.00	4.10	158.42	3510.23	-259.76	113.25	-259.76	283.38	156.44	0.26
3528.00	4.10	158.40	3511.23	-259.83	113.28	-259.83	283.45	156.44	0.36
3529.00	4.10	158.38	3512.23	-259.89	113.31	-259.89	283.52	156.44	0.20
3530.00	4.09	158.36	3513.23	-259.96	113.33	-259.96	283.59	156.44	0.37
3531.00	4.09	158.32	3514.22	-260.03	113.36	-260.03	283.66	156.45	0.43
3532.00	4.09	158.27	3515.22	-260.09	113.38	-260.09	283.73	156.45	0.45
3533.00	4.08	158.24	3516.22	-260.16	113.41	-260.16	283.80	156.45	0.38
3534.00	4.08	158.22	3517.22	-260.23	113.44	-260.23	283.88	156.45	0.35
3535.00	4.08	158.19	3518.21	-260.29	113.46	-260.29	283.95	156.45	0.34
3536.00	4.08	158.15	3519.21	-260.36	113.49	-260.36	284.02	156.45	0.34
3537.00	4.07	158.10	3520.21	-260.42	113.52	-260.42	284.09	156.45	0.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3538.00	4.07	158.04	3521.21	-260.49	113.54	-260.49	284.16	156.45	0.49
3539.00	4.07	158.00	3522.20	-260.56	113.57	-260.56	284.23	156.45	0.35
3540.00	4.07	157.98	3523.20	-260.62	113.60	-260.62	284.30	156.45	0.25
3541.00	4.07	157.95	3524.20	-260.69	113.62	-260.69	284.37	156.45	0.23
3542.00	4.07	157.91	3525.20	-260.75	113.65	-260.75	284.44	156.45	0.28
3543.00	4.07	157.87	3526.19	-260.82	113.68	-260.82	284.51	156.45	0.25
3544.00	4.07	157.84	3527.19	-260.88	113.70	-260.88	284.59	156.45	0.22
3545.00	4.07	157.80	3528.19	-260.95	113.73	-260.95	284.66	156.45	0.36
3546.00	4.06	157.73	3529.19	-261.02	113.76	-261.02	284.73	156.45	0.54
3547.00	4.06	157.67	3530.18	-261.08	113.78	-261.08	284.80	156.45	0.46
3548.00	4.06	157.61	3531.18	-261.15	113.81	-261.15	284.87	156.45	0.46
3549.00	4.06	157.59	3532.18	-261.21	113.84	-261.21	284.94	156.45	0.21
3550.00	4.06	157.56	3533.18	-261.28	113.86	-261.28	285.01	156.45	0.21
3551.00	4.06	157.51	3534.17	-261.34	113.89	-261.34	285.08	156.45	0.43
3552.00	4.07	157.46	3535.17	-261.41	113.92	-261.41	285.15	156.45	0.47
3553.00	4.07	157.42	3536.17	-261.47	113.95	-261.47	285.22	156.45	0.27
3554.00	4.07	157.39	3537.17	-261.54	113.97	-261.54	285.29	156.45	0.23
3555.00	4.07	157.36	3538.16	-261.60	114.00	-261.60	285.37	156.45	0.24
3556.00	4.07	157.34	3539.16	-261.67	114.03	-261.67	285.44	156.45	0.26
3557.00	4.07	157.33	3540.16	-261.74	114.06	-261.74	285.51	156.45	0.24
3558.00	4.07	157.32	3541.16	-261.80	114.08	-261.80	285.58	156.45	0.24
3559.00	4.08	157.30	3542.15	-261.87	114.11	-261.87	285.65	156.45	0.20
3560.00	4.08	157.28	3543.15	-261.93	114.14	-261.93	285.72	156.45	0.20
3561.00	4.08	157.26	3544.15	-262.00	114.17	-262.00	285.79	156.45	0.15
3562.00	4.08	157.24	3545.15	-262.06	114.19	-262.06	285.86	156.46	0.15
3563.00	4.08	157.22	3546.14	-262.13	114.22	-262.13	285.93	156.46	0.15
3564.00	4.08	157.20	3547.14	-262.19	114.25	-262.19	286.00	156.46	0.15
3565.00	4.08	157.18	3548.14	-262.26	114.28	-262.26	286.08	156.46	0.15
3566.00	4.07	157.16	3549.14	-262.33	114.30	-262.33	286.15	156.46	0.15
3567.00	4.07	157.14	3550.13	-262.39	114.33	-262.39	286.22	156.46	0.15
3568.00	4.07	157.12	3551.13	-262.46	114.36	-262.46	286.29	156.46	0.15
3569.00	4.07	157.10	3552.13	-262.52	114.39	-262.52	286.36	156.46	0.15
3570.00	4.07	157.08	3553.13	-262.59	114.41	-262.59	286.43	156.46	0.15
3571.00	4.07	157.06	3554.12	-262.65	114.44	-262.65	286.50	156.46	0.15
3572.00	4.07	157.04	3555.12	-262.72	114.47	-262.72	286.57	156.46	0.15
3573.00	4.07	157.02	3556.12	-262.78	114.50	-262.78	286.64	156.46	0.15
3574.00	4.07	157.00	3557.12	-262.85	114.52	-262.85	286.71	156.46	0.15
3575.00	4.07	156.98	3558.11	-262.91	114.55	-262.91	286.79	156.46	0.15
3576.00	4.07	156.95	3559.11	-262.98	114.58	-262.98	286.86	156.46	0.15
3577.00	4.07	156.93	3560.11	-263.04	114.61	-263.04	286.93	156.46	0.15

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3578.00	4.07	156.91	3561.11	-263.11	114.64	-263.11	287.00	156.46	0.15
3579.00	4.07	156.89	3562.10	-263.18	114.66	-263.18	287.07	156.46	0.15
3580.00	4.07	156.87	3563.10	-263.24	114.69	-263.24	287.14	156.46	0.15
3581.00	4.07	156.85	3564.10	-263.31	114.72	-263.31	287.21	156.46	0.15
3582.00	4.07	156.83	3565.10	-263.37	114.75	-263.37	287.28	156.46	0.15
3583.00	4.07	156.81	3566.09	-263.44	114.77	-263.44	287.35	156.46	0.15
3584.00	4.07	156.79	3567.09	-263.50	114.80	-263.50	287.42	156.46	0.15
3585.00	4.07	156.77	3568.09	-263.57	114.83	-263.57	287.50	156.46	0.15
3586.00	4.07	156.75	3569.09	-263.63	114.86	-263.63	287.57	156.46	0.15
3587.00	4.07	156.73	3570.08	-263.70	114.89	-263.70	287.64	156.46	0.15
3588.00	4.07	156.71	3571.08	-263.76	114.91	-263.76	287.71	156.46	0.15
3589.00	4.06	156.69	3572.08	-263.83	114.94	-263.83	287.78	156.46	0.15
3590.00	4.13	156.67	3573.07	-263.89	114.97	-263.89	287.85	156.46	6.74
3591.00	4.15	156.66	3574.07	-263.96	115.00	-263.96	287.92	156.46	1.67
3592.00	4.14	156.65	3575.07	-264.03	115.03	-264.03	287.99	156.46	1.02
3593.00	4.14	156.64	3576.07	-264.09	115.06	-264.09	288.07	156.46	0.05
3594.00	4.15	156.64	3577.06	-264.16	115.09	-264.16	288.14	156.46	0.93
3595.00	4.15	156.65	3578.06	-264.22	115.11	-264.22	288.21	156.46	0.71
3596.00	4.13	156.68	3579.06	-264.29	115.14	-264.29	288.28	156.46	2.10
3597.00	4.11	156.64	3580.06	-264.36	115.17	-264.36	288.36	156.46	1.90
3598.00	4.12	156.61	3581.05	-264.42	115.20	-264.42	288.43	156.46	0.26
3599.00	4.13	156.66	3582.05	-264.49	115.23	-264.49	288.50	156.46	1.40
3600.00	4.14	156.63	3583.05	-264.56	115.26	-264.56	288.57	156.46	0.75
3601.00	4.13	156.60	3584.05	-264.62	115.29	-264.62	288.64	156.46	0.42
3602.00	4.12	156.60	3585.04	-264.69	115.31	-264.69	288.72	156.46	1.19
3603.00	4.13	156.65	3586.04	-264.75	115.34	-264.75	288.79	156.46	0.66
3604.00	4.13	156.68	3587.04	-264.82	115.37	-264.82	288.86	156.46	0.66
3605.00	4.14	156.68	3588.04	-264.89	115.40	-264.89	288.93	156.46	0.55
3606.00	4.14	156.66	3589.03	-264.95	115.43	-264.95	289.00	156.46	0.14
3607.00	4.13	156.70	3590.03	-265.02	115.46	-265.02	289.08	156.46	0.41
3608.00	4.13	156.78	3591.03	-265.08	115.49	-265.08	289.15	156.46	0.64
3609.00	4.13	156.83	3592.03	-265.15	115.51	-265.15	289.22	156.46	0.44
3610.00	4.13	156.79	3593.02	-265.22	115.54	-265.22	289.29	156.46	0.55
3611.00	4.14	156.72	3594.02	-265.28	115.57	-265.28	289.36	156.46	0.83
3612.00	4.14	156.70	3595.02	-265.35	115.60	-265.35	289.44	156.46	0.52
3613.00	4.14	156.77	3596.02	-265.42	115.63	-265.42	289.51	156.46	0.50
3614.00	4.14	156.80	3597.01	-265.48	115.66	-265.48	289.58	156.46	0.38
3615.00	4.14	156.75	3598.01	-265.55	115.68	-265.55	289.65	156.46	0.43
3616.00	4.14	156.72	3599.01	-265.61	115.71	-265.61	289.73	156.46	0.51
3617.00	4.15	156.71	3600.00	-265.68	115.74	-265.68	289.80	156.46	0.65

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3618.00	4.16	156.75	3601.00	-265.75	115.77	-265.75	289.87	156.46	0.90
3619.00	4.15	156.73	3602.00	-265.81	115.80	-265.81	289.94	156.46	1.15
3620.00	4.14	156.74	3603.00	-265.88	115.83	-265.88	290.01	156.46	0.20
3621.00	4.15	156.75	3603.99	-265.95	115.86	-265.95	290.09	156.46	0.20
3622.00	4.15	156.70	3604.99	-266.01	115.88	-266.01	290.16	156.46	0.38
3623.00	4.15	156.67	3605.99	-266.08	115.91	-266.08	290.23	156.46	0.19
3624.00	4.15	156.65	3606.99	-266.15	115.94	-266.15	290.30	156.46	0.15
3625.00	4.15	156.61	3607.98	-266.21	115.97	-266.21	290.38	156.46	0.34
3626.00	4.15	156.60	3608.98	-266.28	116.00	-266.28	290.45	156.46	0.28
3627.00	4.15	156.61	3609.98	-266.35	116.03	-266.35	290.52	156.46	0.28
3628.00	4.15	156.63	3610.98	-266.41	116.06	-266.41	290.59	156.46	0.25
3629.00	4.15	156.59	3611.97	-266.48	116.09	-266.48	290.67	156.46	0.50
3630.00	4.14	156.53	3612.97	-266.54	116.11	-266.54	290.74	156.46	0.51
3631.00	4.14	156.45	3613.97	-266.61	116.14	-266.61	290.81	156.46	0.62
3632.00	4.14	156.44	3614.97	-266.68	116.17	-266.68	290.88	156.46	0.05
3633.00	4.14	156.46	3615.96	-266.74	116.20	-266.74	290.95	156.46	0.22
3634.00	4.14	156.48	3616.96	-266.81	116.23	-266.81	291.03	156.46	0.54
3635.00	4.14	156.48	3617.96	-266.88	116.26	-266.88	291.10	156.46	0.14
3636.00	4.14	156.46	3618.95	-266.94	116.29	-266.94	291.17	156.46	0.16
3637.00	4.14	156.44	3619.95	-267.01	116.32	-267.01	291.24	156.46	0.30
3638.00	4.14	156.42	3620.95	-267.07	116.34	-267.07	291.32	156.46	0.32
3639.00	4.14	156.42	3621.95	-267.14	116.37	-267.14	291.39	156.46	0.35
3640.00	4.14	156.40	3622.94	-267.21	116.40	-267.21	291.46	156.46	0.18
3641.00	4.14	156.36	3623.94	-267.27	116.43	-267.27	291.53	156.46	0.37
3642.00	4.14	156.32	3624.94	-267.34	116.46	-267.34	291.60	156.46	0.26
3643.00	4.14	156.30	3625.94	-267.40	116.49	-267.40	291.68	156.46	0.26
3644.00	4.13	156.31	3626.93	-267.47	116.52	-267.47	291.75	156.46	0.67
3645.00	4.13	156.31	3627.93	-267.54	116.55	-267.54	291.82	156.46	0.13
3646.00	4.13	156.29	3628.93	-267.60	116.58	-267.60	291.89	156.46	0.42
3647.00	4.14	156.30	3629.93	-267.67	116.61	-267.67	291.96	156.46	0.30
3648.00	4.14	156.32	3630.92	-267.73	116.63	-267.73	292.04	156.46	0.28
3649.00	4.14	156.28	3631.92	-267.80	116.66	-267.80	292.11	156.46	0.25
3650.00	4.14	156.23	3632.92	-267.87	116.69	-267.87	292.18	156.46	0.42
3651.00	4.14	156.13	3633.92	-267.93	116.72	-267.93	292.25	156.46	0.68
3652.00	4.14	156.09	3634.91	-268.00	116.75	-268.00	292.33	156.46	0.39
3653.00	4.15	156.06	3635.91	-268.07	116.78	-268.07	292.40	156.46	0.36
3654.00	4.15	156.01	3636.91	-268.13	116.81	-268.13	292.47	156.46	0.42
3655.00	4.15	155.96	3637.91	-268.20	116.84	-268.20	292.54	156.46	0.33
3656.00	4.14	155.97	3638.90	-268.26	116.87	-268.26	292.62	156.46	0.17
3657.00	4.15	155.95	3639.90	-268.33	116.90	-268.33	292.69	156.46	0.17

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3658.00	4.15	155.89	3640.90	-268.40	116.93	-268.40	292.76	156.46	0.64
3659.00	4.15	155.87	3641.89	-268.46	116.96	-268.46	292.83	156.46	0.13
3660.00	4.15	155.85	3642.89	-268.53	116.99	-268.53	292.90	156.46	0.13
3661.00	4.15	155.81	3643.89	-268.59	117.02	-268.59	292.98	156.46	0.31
3662.00	4.15	155.79	3644.89	-268.66	117.05	-268.66	293.05	156.46	0.41
3663.00	4.16	155.78	3645.88	-268.73	117.08	-268.73	293.12	156.46	0.58
3664.00	4.16	155.75	3646.88	-268.79	117.11	-268.79	293.19	156.46	0.41
3665.00	4.15	155.73	3647.88	-268.86	117.14	-268.86	293.27	156.46	0.39
3666.00	4.15	155.69	3648.88	-268.92	117.16	-268.92	293.34	156.46	0.32
3667.00	4.15	155.65	3649.87	-268.99	117.19	-268.99	293.41	156.46	0.32
3668.00	4.15	155.60	3650.87	-269.06	117.22	-269.06	293.48	156.46	0.34
3669.00	4.15	155.56	3651.87	-269.12	117.25	-269.12	293.56	156.46	0.28
3670.00	4.15	155.53	3652.87	-269.19	117.28	-269.19	293.63	156.46	0.27
3671.00	4.15	155.54	3653.86	-269.25	117.31	-269.25	293.70	156.46	0.26
3672.00	4.14	155.56	3654.86	-269.32	117.34	-269.32	293.77	156.46	0.28
3673.00	4.14	155.59	3655.86	-269.38	117.37	-269.38	293.85	156.46	0.21
3674.00	4.14	155.61	3656.86	-269.45	117.40	-269.45	293.92	156.46	0.20
3675.00	4.14	155.63	3657.85	-269.52	117.43	-269.52	293.99	156.46	0.23
3676.00	4.14	155.64	3658.85	-269.58	117.46	-269.58	294.06	156.46	0.13
3677.00	4.14	155.65	3659.85	-269.65	117.49	-269.65	294.13	156.46	0.10
3678.00	4.14	155.66	3660.85	-269.71	117.52	-269.71	294.21	156.46	0.18
3679.00	4.14	155.65	3661.84	-269.78	117.55	-269.78	294.28	156.46	0.33
3680.00	4.13	155.63	3662.84	-269.85	117.58	-269.85	294.35	156.46	0.27
3681.00	4.13	155.61	3663.84	-269.91	117.61	-269.91	294.42	156.46	0.26
3682.00	4.13	155.59	3664.83	-269.98	117.64	-269.98	294.49	156.45	0.33
3683.00	4.13	155.57	3665.83	-270.04	117.67	-270.04	294.57	156.45	0.29
3684.00	4.13	155.53	3666.83	-270.11	117.70	-270.11	294.64	156.45	0.35
3685.00	4.13	155.49	3667.83	-270.17	117.73	-270.17	294.71	156.45	0.36
3686.00	4.13	155.44	3668.82	-270.24	117.76	-270.24	294.78	156.45	0.38
3687.00	4.13	155.36	3669.82	-270.30	117.79	-270.30	294.85	156.45	0.55
3688.00	4.13	155.25	3670.82	-270.37	117.82	-270.37	294.93	156.45	0.92
3689.00	4.12	155.16	3671.82	-270.43	117.85	-270.43	295.00	156.45	0.70
3690.00	4.12	155.07	3672.81	-270.50	117.88	-270.50	295.07	156.45	0.67
3691.00	4.12	155.00	3673.81	-270.57	117.91	-270.57	295.14	156.45	0.48
3692.00	4.12	154.81	3674.81	-270.63	117.94	-270.63	295.21	156.45	1.41
3693.00	4.12	154.71	3675.81	-270.70	117.97	-270.70	295.29	156.45	0.67
3694.00	4.12	154.69	3676.80	-270.76	118.00	-270.76	295.36	156.45	0.15
3695.00	4.12	154.67	3677.80	-270.82	118.03	-270.82	295.43	156.45	0.15
3696.00	4.12	154.65	3678.80	-270.89	118.07	-270.89	295.50	156.45	0.15
3697.00	4.12	154.63	3679.80	-270.95	118.10	-270.95	295.57	156.45	0.15

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3698.00	4.12	154.61	3680.79	-271.02	118.13	-271.02	295.64	156.45	0.15
3699.00	4.12	154.59	3681.79	-271.08	118.16	-271.08	295.72	156.45	0.15
3700.00	4.12	154.57	3682.79	-271.15	118.19	-271.15	295.79	156.45	0.15
3701.00	4.12	154.55	3683.79	-271.21	118.22	-271.21	295.86	156.45	0.15
3702.00	4.12	154.53	3684.78	-271.28	118.25	-271.28	295.93	156.45	0.15
3703.00	4.12	154.51	3685.78	-271.34	118.28	-271.34	296.00	156.45	0.15
3704.00	4.12	154.49	3686.78	-271.41	118.31	-271.41	296.08	156.45	0.15
3705.00	4.12	154.47	3687.78	-271.47	118.34	-271.47	296.15	156.45	0.15
3706.00	4.12	154.45	3688.77	-271.54	118.37	-271.54	296.22	156.45	0.15
3707.00	4.12	154.43	3689.77	-271.60	118.41	-271.60	296.29	156.45	0.15
3708.00	4.12	154.40	3690.77	-271.67	118.44	-271.67	296.36	156.44	0.15
3709.00	4.12	154.38	3691.76	-271.73	118.47	-271.73	296.43	156.44	0.15
3710.00	4.12	154.36	3692.76	-271.80	118.50	-271.80	296.51	156.44	0.15
3711.00	4.12	154.34	3693.76	-271.86	118.53	-271.86	296.58	156.44	0.15
3712.00	4.12	154.32	3694.76	-271.93	118.56	-271.93	296.65	156.44	0.15
3713.00	4.12	154.30	3695.75	-271.99	118.59	-271.99	296.72	156.44	0.15
3714.00	4.12	154.28	3696.75	-272.06	118.62	-272.06	296.79	156.44	0.15
3715.00	4.12	154.26	3697.75	-272.12	118.65	-272.12	296.86	156.44	0.15
3716.00	4.12	154.24	3698.75	-272.19	118.69	-272.19	296.94	156.44	0.15
3717.00	4.12	154.22	3699.74	-272.25	118.72	-272.25	297.01	156.44	0.15
3718.00	4.12	154.20	3700.74	-272.32	118.75	-272.32	297.08	156.44	0.15
3719.00	4.12	154.18	3701.74	-272.38	118.78	-272.38	297.15	156.44	0.15
3720.00	4.12	154.16	3702.74	-272.44	118.81	-272.44	297.22	156.44	0.15
3721.00	4.12	154.14	3703.73	-272.51	118.84	-272.51	297.30	156.44	0.15
3722.00	4.12	154.12	3704.73	-272.57	118.87	-272.57	297.37	156.44	0.15
3723.00	4.12	154.10	3705.73	-272.64	118.90	-272.64	297.44	156.44	0.15
3724.00	4.12	154.08	3706.73	-272.70	118.94	-272.70	297.51	156.44	0.15
3725.00	4.12	154.06	3707.72	-272.77	118.97	-272.77	297.58	156.44	0.15
3726.00	4.12	154.04	3708.72	-272.83	119.00	-272.83	297.65	156.44	0.15
3727.00	4.12	154.02	3709.72	-272.90	119.03	-272.90	297.73	156.43	0.15
3728.00	4.12	153.99	3710.72	-272.96	119.06	-272.96	297.80	156.43	0.15
3729.00	4.12	153.97	3711.71	-273.03	119.09	-273.03	297.87	156.43	0.15
3730.00	4.12	153.95	3712.71	-273.09	119.12	-273.09	297.94	156.43	0.15
3731.00	4.12	153.93	3713.71	-273.15	119.16	-273.15	298.01	156.43	0.15
3732.00	4.12	153.91	3714.71	-273.22	119.19	-273.22	298.08	156.43	0.15
3733.00	4.12	153.89	3715.70	-273.28	119.22	-273.28	298.16	156.43	0.15
3734.00	4.12	153.87	3716.70	-273.35	119.25	-273.35	298.23	156.43	0.15
3735.00	4.12	153.85	3717.70	-273.41	119.28	-273.41	298.30	156.43	0.15
3736.00	4.12	153.83	3718.70	-273.48	119.31	-273.48	298.37	156.43	0.15
3737.00	4.12	153.81	3719.69	-273.54	119.35	-273.54	298.44	156.43	0.15

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3738.00	4.12	153.79	3720.69	-273.61	119.38	-273.61	298.52	156.43	0.15
3739.00	4.12	153.77	3721.69	-273.67	119.41	-273.67	298.59	156.43	0.15
3740.00	4.12	153.75	3722.68	-273.73	119.44	-273.73	298.66	156.43	0.15
3741.00	4.12	153.73	3723.68	-273.80	119.47	-273.80	298.73	156.43	0.15
3742.00	4.12	153.71	3724.68	-273.86	119.50	-273.86	298.80	156.43	0.15
3743.00	4.12	153.69	3725.68	-273.93	119.54	-273.93	298.87	156.42	0.15
3744.00	4.12	153.67	3726.67	-273.99	119.57	-273.99	298.95	156.42	0.15
3745.00	4.12	153.65	3727.67	-274.06	119.60	-274.06	299.02	156.42	0.15
3746.00	4.12	153.63	3728.67	-274.12	119.63	-274.12	299.09	156.42	0.15
3747.00	4.12	153.61	3729.67	-274.19	119.66	-274.19	299.16	156.42	0.15
3748.00	4.12	153.58	3730.66	-274.25	119.70	-274.25	299.23	156.42	0.15
3749.00	4.12	153.56	3731.66	-274.31	119.73	-274.31	299.30	156.42	0.15
3750.00	4.12	153.54	3732.66	-274.38	119.76	-274.38	299.38	156.42	0.15
3751.00	4.12	153.52	3733.66	-274.44	119.79	-274.44	299.45	156.42	0.15
3752.00	4.12	153.50	3734.65	-274.51	119.82	-274.51	299.52	156.42	0.15
3753.00	4.12	153.48	3735.65	-274.57	119.86	-274.57	299.59	156.42	0.15
3754.00	4.11	153.44	3736.65	-274.64	119.89	-274.64	299.66	156.42	0.37
3755.00	4.11	153.39	3737.65	-274.70	119.92	-274.70	299.73	156.42	0.39
3756.00	4.11	153.34	3738.64	-274.76	119.95	-274.76	299.81	156.42	0.39
3757.00	4.11	153.30	3739.64	-274.83	119.98	-274.83	299.88	156.41	0.39
3758.00	4.11	153.27	3740.64	-274.89	120.02	-274.89	299.95	156.41	0.22
3759.00	4.11	153.25	3741.64	-274.96	120.05	-274.96	300.02	156.41	0.28
3760.00	4.11	153.24	3742.63	-275.02	120.08	-275.02	300.09	156.41	0.10
3761.00	4.11	153.23	3743.63	-275.08	120.11	-275.08	300.16	156.41	0.12
3762.00	4.11	153.20	3744.63	-275.15	120.15	-275.15	300.24	156.41	0.41
3763.00	4.10	153.17	3745.63	-275.21	120.18	-275.21	300.31	156.41	0.38
3764.00	4.11	153.13	3746.62	-275.28	120.21	-275.28	300.38	156.41	0.26
3765.00	4.10	153.10	3747.62	-275.34	120.24	-275.34	300.45	156.41	0.22
3766.00	4.10	153.09	3748.62	-275.40	120.27	-275.40	300.52	156.41	0.24
3767.00	4.10	153.07	3749.62	-275.47	120.31	-275.47	300.59	156.41	0.18
3768.00	4.10	153.02	3750.61	-275.53	120.34	-275.53	300.66	156.41	0.39
3769.00	4.11	152.97	3751.61	-275.59	120.37	-275.59	300.74	156.41	0.37
3770.00	4.10	152.91	3752.61	-275.66	120.40	-275.66	300.81	156.40	0.44
3771.00	4.11	152.83	3753.61	-275.72	120.44	-275.72	300.88	156.40	0.60
3772.00	4.11	152.75	3754.60	-275.79	120.47	-275.79	300.95	156.40	0.67
3773.00	4.11	152.65	3755.60	-275.85	120.50	-275.85	301.02	156.40	0.75
3774.00	4.10	152.55	3756.60	-275.91	120.54	-275.91	301.09	156.40	0.73
3775.00	4.11	152.45	3757.59	-275.98	120.57	-275.98	301.16	156.40	0.75
3776.00	4.11	152.37	3758.59	-276.04	120.60	-276.04	301.24	156.40	0.61
3777.00	4.11	152.32	3759.59	-276.10	120.64	-276.10	301.31	156.40	0.48

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3778.00	4.11	152.26	3760.59	-276.17	120.67	-276.17	301.38	156.40	0.41
3779.00	4.11	152.20	3761.58	-276.23	120.70	-276.23	301.45	156.40	0.43
3780.00	4.11	152.14	3762.58	-276.29	120.74	-276.29	301.52	156.40	0.47
3781.00	4.11	152.07	3763.58	-276.36	120.77	-276.36	301.59	156.39	0.48
3782.00	4.12	151.98	3764.58	-276.42	120.80	-276.42	301.66	156.39	0.69
3783.00	4.12	151.89	3765.57	-276.48	120.84	-276.48	301.74	156.39	0.71
3784.00	4.12	151.82	3766.57	-276.55	120.87	-276.55	301.81	156.39	0.48
3785.00	4.12	151.76	3767.57	-276.61	120.90	-276.61	301.88	156.39	0.44
3786.00	4.12	151.72	3768.57	-276.67	120.94	-276.67	301.95	156.39	0.38
3787.00	4.12	151.67	3769.56	-276.74	120.97	-276.74	302.02	156.39	0.33
3788.00	4.12	151.64	3770.56	-276.80	121.01	-276.80	302.09	156.39	0.28
3789.00	4.12	151.57	3771.56	-276.86	121.04	-276.86	302.17	156.39	0.49
3790.00	4.12	151.45	3772.56	-276.93	121.07	-276.93	302.24	156.38	0.84
3791.00	4.12	151.38	3773.55	-276.99	121.11	-276.99	302.31	156.38	0.49
3792.00	4.12	151.35	3774.55	-277.05	121.14	-277.05	302.38	156.38	0.27
3793.00	4.12	151.35	3775.55	-277.12	121.18	-277.12	302.45	156.38	0.34
3794.00	4.13	151.36	3776.55	-277.18	121.21	-277.18	302.52	156.38	0.53
3795.00	4.12	151.33	3777.54	-277.24	121.25	-277.24	302.59	156.38	0.29
3796.00	4.12	151.30	3778.54	-277.30	121.28	-277.30	302.67	156.38	0.33
3797.00	4.12	151.28	3779.54	-277.37	121.32	-277.37	302.74	156.38	0.23
3798.00	4.12	151.27	3780.54	-277.43	121.35	-277.43	302.81	156.37	0.14
3799.00	4.12	151.27	3781.53	-277.49	121.39	-277.49	302.88	156.37	0.07
3800.00	4.12	151.26	3782.53	-277.56	121.42	-277.56	302.95	156.37	0.14
3801.00	4.13	151.21	3783.53	-277.62	121.45	-277.62	303.02	156.37	0.45
3802.00	4.13	151.22	3784.53	-277.68	121.49	-277.68	303.10	156.37	0.12
3803.00	4.13	151.25	3785.52	-277.75	121.52	-277.75	303.17	156.37	0.26
3804.00	4.13	151.14	3786.52	-277.81	121.56	-277.81	303.24	156.37	0.81
3805.00	4.13	150.99	3787.52	-277.87	121.59	-277.87	303.31	156.37	1.08
3806.00	4.13	150.89	3788.51	-277.94	121.63	-277.94	303.38	156.37	0.75
3807.00	4.13	150.79	3789.51	-278.00	121.66	-278.00	303.45	156.36	0.77
3808.00	4.14	150.67	3790.51	-278.06	121.70	-278.06	303.53	156.36	0.87
3809.00	4.14	150.56	3791.51	-278.12	121.73	-278.12	303.60	156.36	0.79
3810.00	4.14	150.49	3792.50	-278.19	121.77	-278.19	303.67	156.36	0.67
3811.00	4.14	150.42	3793.50	-278.25	121.81	-278.25	303.74	156.36	0.53
3812.00	4.14	150.35	3794.50	-278.31	121.84	-278.31	303.81	156.36	0.47
3813.00	4.14	150.28	3795.50	-278.38	121.88	-278.38	303.89	156.36	0.53
3814.00	4.14	150.20	3796.49	-278.44	121.91	-278.44	303.96	156.35	0.57
3815.00	4.15	150.11	3797.49	-278.50	121.95	-278.50	304.03	156.35	0.80
3816.00	4.15	150.03	3798.49	-278.56	121.98	-278.56	304.10	156.35	0.72
3817.00	4.16	150.01	3799.49	-278.63	122.02	-278.63	304.17	156.35	0.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3818.00	4.16	149.95	3800.48	-278.69	122.06	-278.69	304.25	156.35	0.46
3819.00	4.16	149.85	3801.48	-278.75	122.09	-278.75	304.32	156.35	0.75
3820.00	4.16	149.76	3802.48	-278.81	122.13	-278.81	304.39	156.34	0.67
3821.00	4.16	149.68	3803.48	-278.88	122.17	-278.88	304.46	156.34	0.60
3822.00	4.17	149.59	3804.47	-278.94	122.20	-278.94	304.53	156.34	0.71
3823.00	4.17	149.51	3805.47	-279.00	122.24	-279.00	304.61	156.34	0.82
3824.00	4.17	149.39	3806.47	-279.06	122.28	-279.06	304.68	156.34	0.87
3825.00	4.17	149.27	3807.46	-279.13	122.31	-279.13	304.75	156.34	0.93
3826.00	4.18	149.20	3808.46	-279.19	122.35	-279.19	304.82	156.34	0.53
3827.00	4.18	149.15	3809.46	-279.25	122.39	-279.25	304.90	156.33	0.44
3828.00	4.18	149.17	3810.46	-279.32	122.43	-279.32	304.97	156.33	0.28
3829.00	4.18	149.16	3811.45	-279.38	122.46	-279.38	305.04	156.33	0.21
3830.00	4.18	149.08	3812.45	-279.44	122.50	-279.44	305.11	156.33	0.60
3831.00	4.18	149.01	3813.45	-279.50	122.54	-279.50	305.18	156.33	0.51
3832.00	4.18	148.96	3814.45	-279.57	122.58	-279.57	305.26	156.32	0.37
3833.00	4.18	148.91	3815.44	-279.63	122.61	-279.63	305.33	156.32	0.36
3834.00	4.19	148.86	3816.44	-279.69	122.65	-279.69	305.40	156.32	0.35
3835.00	4.19	148.85	3817.44	-279.75	122.69	-279.75	305.47	156.32	0.20
3836.00	4.19	148.84	3818.44	-279.82	122.73	-279.82	305.55	156.32	0.20
3837.00	4.19	148.80	3819.43	-279.88	122.76	-279.88	305.62	156.32	0.30
3838.00	4.19	148.76	3820.43	-279.94	122.80	-279.94	305.69	156.31	0.35
3839.00	4.20	148.71	3821.43	-280.00	122.84	-280.00	305.76	156.31	0.62
3840.00	4.20	148.66	3822.42	-280.07	122.88	-280.07	305.84	156.31	0.59
3841.00	4.20	148.60	3823.42	-280.13	122.92	-280.13	305.91	156.31	0.43
3842.00	4.20	148.56	3824.42	-280.19	122.96	-280.19	305.98	156.31	0.30
3843.00	4.20	148.56	3825.42	-280.25	122.99	-280.25	306.05	156.31	0.03
3844.00	4.20	148.56	3826.41	-280.32	123.03	-280.32	306.13	156.30	0.08
3845.00	4.20	148.56	3827.41	-280.38	123.07	-280.38	306.20	156.30	0.19
3846.00	4.21	148.52	3828.41	-280.44	123.11	-280.44	306.27	156.30	0.40
3847.00	4.21	148.46	3829.41	-280.50	123.15	-280.50	306.34	156.30	0.51
3848.00	4.21	148.41	3830.40	-280.57	123.18	-280.57	306.42	156.30	0.44
3849.00	4.21	148.36	3831.40	-280.63	123.22	-280.63	306.49	156.29	0.42
3850.00	4.22	148.33	3832.40	-280.69	123.26	-280.69	306.56	156.29	0.35
3851.00	4.23	148.13	3833.40	-280.75	123.30	-280.75	306.64	156.29	1.97
3852.00	4.29	147.02	3834.39	-280.82	123.34	-280.82	306.71	156.29	10.41
3853.00	4.23	148.20	3835.39	-280.88	123.38	-280.88	306.78	156.29	10.52
3854.00	4.24	148.16	3836.39	-280.94	123.42	-280.94	306.86	156.28	0.49
3855.00	4.28	147.42	3837.38	-281.00	123.46	-281.00	306.93	156.28	6.68
3856.00	4.25	148.02	3838.38	-281.07	123.50	-281.07	307.00	156.28	5.28
3857.00	4.30	146.99	3839.38	-281.13	123.54	-281.13	307.08	156.28	9.33

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3858.00	4.26	147.77	3840.38	-281.19	123.58	-281.19	307.15	156.28	7.11
3859.00	4.32	146.77	3841.37	-281.26	123.62	-281.26	307.22	156.27	9.37
3860.00	4.27	147.62	3842.37	-281.32	123.66	-281.32	307.30	156.27	7.87
3861.00	4.32	146.67	3843.37	-281.38	123.70	-281.38	307.37	156.27	8.92
3862.00	4.28	147.39	3844.36	-281.44	123.74	-281.44	307.45	156.27	6.90
3863.00	4.34	146.60	3845.36	-281.51	123.78	-281.51	307.52	156.26	8.37
3864.00	4.30	147.27	3846.36	-281.57	123.82	-281.57	307.59	156.26	6.72
3865.00	4.32	146.91	3847.36	-281.63	123.86	-281.63	307.67	156.26	3.77
3866.00	4.31	147.18	3848.35	-281.70	123.91	-281.70	307.74	156.26	2.49
3867.00	4.32	146.98	3849.35	-281.76	123.95	-281.76	307.82	156.26	2.10
3868.00	4.32	146.97	3850.35	-281.82	123.99	-281.82	307.89	156.25	0.25
3869.00	4.32	147.04	3851.34	-281.89	124.03	-281.89	307.97	156.25	0.67
3870.00	4.32	146.92	3852.34	-281.95	124.07	-281.95	308.04	156.25	1.17
3871.00	4.35	146.51	3853.34	-282.01	124.11	-282.01	308.11	156.25	4.03
3872.00	4.35	146.44	3854.34	-282.08	124.15	-282.08	308.19	156.24	0.57
3873.00	4.35	146.40	3855.33	-282.14	124.19	-282.14	308.26	156.24	0.52
3874.00	4.36	146.36	3856.33	-282.20	124.24	-282.20	308.34	156.24	0.55
3875.00	4.36	146.34	3857.33	-282.27	124.28	-282.27	308.41	156.24	0.15
3876.00	4.36	146.32	3858.32	-282.33	124.32	-282.33	308.49	156.23	0.15
3877.00	4.36	146.31	3859.32	-282.39	124.36	-282.39	308.56	156.23	0.52
3878.00	4.37	146.29	3860.32	-282.46	124.41	-282.46	308.64	156.23	0.42
3879.00	4.37	146.24	3861.32	-282.52	124.45	-282.52	308.71	156.23	0.37
3880.00	4.37	146.19	3862.31	-282.58	124.49	-282.58	308.79	156.22	0.42
3881.00	4.37	146.13	3863.31	-282.65	124.53	-282.65	308.86	156.22	0.49
3882.00	4.38	146.09	3864.31	-282.71	124.57	-282.71	308.94	156.22	0.40
3883.00	4.38	146.05	3865.30	-282.77	124.62	-282.77	309.01	156.22	0.34
3884.00	4.38	145.96	3866.30	-282.84	124.66	-282.84	309.09	156.21	0.88
3885.00	4.39	145.85	3867.30	-282.90	124.70	-282.90	309.16	156.21	1.01
3886.00	4.39	145.75	3868.30	-282.96	124.75	-282.96	309.24	156.21	0.92
3887.00	4.40	145.67	3869.29	-283.03	124.79	-283.03	309.32	156.21	0.79
3888.00	4.40	145.71	3870.29	-283.09	124.83	-283.09	309.39	156.20	0.43
3889.00	4.40	145.69	3871.29	-283.15	124.88	-283.15	309.47	156.20	0.44
3890.00	4.41	145.65	3872.28	-283.22	124.92	-283.22	309.54	156.20	0.80
3891.00	4.41	145.59	3873.28	-283.28	124.96	-283.28	309.62	156.20	0.64
3892.00	4.41	145.52	3874.28	-283.34	125.01	-283.34	309.69	156.19	0.63
3893.00	4.41	145.50	3875.27	-283.41	125.05	-283.41	309.77	156.19	0.19
3894.00	4.41	145.50	3876.27	-283.47	125.09	-283.47	309.84	156.19	0.24
3895.00	4.42	145.50	3877.27	-283.53	125.14	-283.53	309.92	156.19	0.41
3896.00	4.42	145.48	3878.27	-283.60	125.18	-283.60	310.00	156.18	0.48
3897.00	4.43	145.40	3879.26	-283.66	125.22	-283.66	310.07	156.18	0.90

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3898.00	4.43	145.34	3880.26	-283.72	125.27	-283.72	310.15	156.18	0.61
3899.00	4.43	145.32	3881.26	-283.79	125.31	-283.79	310.22	156.18	0.19
3900.00	4.43	145.30	3882.25	-283.85	125.36	-283.85	310.30	156.17	0.25
3901.00	4.44	145.26	3883.25	-283.91	125.40	-283.91	310.37	156.17	0.34
3902.00	4.44	145.18	3884.25	-283.98	125.44	-283.98	310.45	156.17	0.78
3903.00	4.45	145.08	3885.24	-284.04	125.49	-284.04	310.53	156.16	1.07
3904.00	4.45	145.03	3886.24	-284.11	125.53	-284.11	310.60	156.16	0.66
3905.00	4.46	145.00	3887.24	-284.17	125.58	-284.17	310.68	156.16	0.57
3906.00	4.46	144.95	3888.24	-284.23	125.62	-284.23	310.76	156.16	0.42
3907.00	4.45	144.91	3889.23	-284.30	125.67	-284.30	310.83	156.15	0.48
3908.00	4.46	144.89	3890.23	-284.36	125.71	-284.36	310.91	156.15	1.03
3909.00	4.47	144.86	3891.23	-284.42	125.76	-284.42	310.98	156.15	0.84
3910.00	4.47	144.79	3892.22	-284.49	125.80	-284.49	311.06	156.14	0.59
3911.00	4.47	144.72	3893.22	-284.55	125.85	-284.55	311.14	156.14	0.53
3912.00	4.48	144.68	3894.22	-284.61	125.89	-284.61	311.21	156.14	0.64
3913.00	4.48	144.64	3895.21	-284.68	125.94	-284.68	311.29	156.14	0.74
3914.00	4.49	144.59	3896.21	-284.74	125.98	-284.74	311.37	156.13	0.82
3915.00	4.50	144.53	3897.21	-284.81	126.03	-284.81	311.44	156.13	0.64
3916.00	4.50	144.46	3898.21	-284.87	126.07	-284.87	311.52	156.13	0.61
3917.00	4.50	144.39	3899.20	-284.93	126.12	-284.93	311.60	156.12	0.59
3918.00	4.49	144.32	3900.20	-285.00	126.16	-285.00	311.67	156.12	0.61
3919.00	4.50	144.30	3901.20	-285.06	126.21	-285.06	311.75	156.12	0.89
3920.00	4.51	144.27	3902.19	-285.12	126.26	-285.12	311.83	156.12	0.83
3921.00	4.52	144.20	3903.19	-285.19	126.30	-285.19	311.90	156.11	0.74
3922.00	4.52	144.14	3904.19	-285.25	126.35	-285.25	311.98	156.11	0.59
3923.00	4.52	144.09	3905.18	-285.32	126.39	-285.32	312.06	156.11	0.39
3924.00	4.52	144.09	3906.18	-285.38	126.44	-285.38	312.14	156.10	0.09
3925.00	4.52	144.11	3907.18	-285.44	126.49	-285.44	312.21	156.10	0.19
3926.00	4.53	144.09	3908.17	-285.51	126.53	-285.51	312.29	156.10	0.64
3927.00	4.54	144.05	3909.17	-285.57	126.58	-285.57	312.37	156.09	0.91
3928.00	4.54	143.99	3910.17	-285.64	126.63	-285.64	312.44	156.09	0.52
3929.00	4.54	143.93	3911.16	-285.70	126.67	-285.70	312.52	156.09	0.51
3930.00	4.54	143.94	3912.16	-285.76	126.72	-285.76	312.60	156.09	0.46
3931.00	4.55	143.93	3913.16	-285.83	126.77	-285.83	312.68	156.08	0.40
3932.00	4.55	143.90	3914.16	-285.89	126.81	-285.89	312.75	156.08	0.33
3933.00	4.55	143.86	3915.15	-285.96	126.86	-285.96	312.83	156.08	0.40
3934.00	4.55	143.80	3916.15	-286.02	126.91	-286.02	312.91	156.07	0.52
3935.00	4.56	143.76	3917.15	-286.08	126.95	-286.08	312.99	156.07	0.44
3936.00	4.56	143.74	3918.14	-286.15	127.00	-286.15	313.07	156.07	0.46
3937.00	4.57	143.71	3919.14	-286.21	127.05	-286.21	313.14	156.06	0.48

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3938.00	4.57	143.67	3920.14	-286.28	127.09	-286.28	313.22	156.06	0.49
3939.00	4.57	143.63	3921.13	-286.34	127.14	-286.34	313.30	156.06	0.44
3940.00	4.58	143.60	3922.13	-286.41	127.19	-286.41	313.38	156.05	0.42
3941.00	4.58	143.58	3923.13	-286.47	127.24	-286.47	313.45	156.05	0.42
3942.00	4.59	143.57	3924.12	-286.53	127.28	-286.53	313.53	156.05	0.48
3943.00	4.59	143.56	3925.12	-286.60	127.33	-286.60	313.61	156.05	0.52
3944.00	4.59	143.55	3926.12	-286.66	127.38	-286.66	313.69	156.04	0.40
3945.00	4.60	143.58	3927.11	-286.73	127.43	-286.73	313.77	156.04	0.23
3946.00	4.60	143.58	3928.11	-286.79	127.47	-286.79	313.84	156.04	0.27
3947.00	4.60	143.56	3929.11	-286.86	127.52	-286.86	313.92	156.03	0.40
3948.00	4.61	143.54	3930.10	-286.92	127.57	-286.92	314.00	156.03	0.45
3949.00	4.61	143.51	3931.10	-286.98	127.62	-286.98	314.08	156.03	0.47
3950.00	4.61	143.55	3932.10	-287.05	127.66	-287.05	314.16	156.02	0.35
3951.00	4.61	143.60	3933.09	-287.11	127.71	-287.11	314.24	156.02	0.44
3952.00	4.62	143.65	3934.09	-287.18	127.76	-287.18	314.32	156.02	0.50
3953.00	4.62	143.71	3935.09	-287.24	127.81	-287.24	314.39	156.01	0.49
3954.00	4.62	143.73	3936.09	-287.31	127.86	-287.31	314.47	156.01	0.63
3955.00	4.63	143.75	3937.08	-287.37	127.90	-287.37	314.55	156.01	0.57
3956.00	4.63	143.78	3938.08	-287.44	127.95	-287.44	314.63	156.00	0.37
3957.00	4.64	143.83	3939.08	-287.50	128.00	-287.50	314.71	156.00	0.46
3958.00	4.64	143.89	3940.07	-287.57	128.05	-287.57	314.79	156.00	0.68
3959.00	4.64	143.93	3941.07	-287.63	128.09	-287.63	314.87	155.99	0.40
3960.00	4.64	143.95	3942.07	-287.70	128.14	-287.70	314.95	155.99	0.20
3961.00	4.64	143.99	3943.06	-287.77	128.19	-287.77	315.03	155.99	0.32
3962.00	4.65	144.02	3944.06	-287.83	128.24	-287.83	315.11	155.99	0.48
3963.00	4.65	144.02	3945.06	-287.90	128.28	-287.90	315.18	155.98	0.21
3964.00	4.65	144.01	3946.05	-287.96	128.33	-287.96	315.26	155.98	0.19
3965.00	4.65	144.00	3947.05	-288.03	128.38	-288.03	315.34	155.98	0.10
3966.00	4.65	143.99	3948.05	-288.09	128.43	-288.09	315.42	155.97	0.11
3967.00	4.66	144.00	3949.04	-288.16	128.47	-288.16	315.50	155.97	0.67
3968.00	4.66	144.00	3950.04	-288.23	128.52	-288.23	315.58	155.97	0.61
3969.00	4.66	143.97	3951.04	-288.29	128.57	-288.29	315.66	155.96	0.25
3970.00	4.66	143.94	3952.03	-288.36	128.62	-288.36	315.74	155.96	0.30
3971.00	4.67	143.90	3953.03	-288.42	128.67	-288.42	315.82	155.96	0.43
3972.00	4.67	143.88	3954.03	-288.49	128.71	-288.49	315.90	155.96	0.17
3973.00	4.67	143.86	3955.02	-288.55	128.76	-288.55	315.98	155.95	0.16
3974.00	4.66	143.84	3956.02	-288.62	128.81	-288.62	316.06	155.95	0.29
3975.00	4.66	143.82	3957.02	-288.69	128.86	-288.69	316.14	155.95	0.20
3976.00	4.66	143.80	3958.01	-288.75	128.91	-288.75	316.22	155.94	0.24
3977.00	4.67	143.78	3959.01	-288.82	128.95	-288.82	316.30	155.94	0.24

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
3978.00	4.66	143.66	3960.01	-288.88	129.00	-288.88	316.38	155.94	1.00
3979.00	4.66	143.59	3961.00	-288.95	129.05	-288.95	316.46	155.93	0.56
3980.00	4.66	143.55	3962.00	-289.01	129.10	-289.01	316.54	155.93	0.37
3981.00	4.66	143.50	3963.00	-289.08	129.15	-289.08	316.61	155.93	0.38
3982.00	4.66	143.45	3963.99	-289.14	129.20	-289.14	316.69	155.92	0.41
3983.00	4.66	143.40	3964.99	-289.21	129.24	-289.21	316.77	155.92	0.45
3984.00	4.66	143.34	3965.99	-289.27	129.29	-289.27	316.85	155.92	0.57
3985.00	4.66	143.34	3966.98	-289.34	129.34	-289.34	316.93	155.91	0.28
3986.00	4.67	143.36	3967.98	-289.40	129.39	-289.40	317.01	155.91	0.58
3987.00	4.66	143.37	3968.98	-289.47	129.44	-289.47	317.09	155.91	0.43
3988.00	4.66	143.37	3969.97	-289.53	129.49	-289.53	317.17	155.90	0.48
3989.00	4.66	143.34	3970.97	-289.60	129.53	-289.60	317.25	155.90	0.25
3990.00	4.66	143.32	3971.97	-289.66	129.58	-289.66	317.33	155.90	0.20
3991.00	4.65	143.32	3972.96	-289.73	129.63	-289.73	317.41	155.90	0.18
3992.00	4.65	143.33	3973.96	-289.79	129.68	-289.79	317.49	155.89	0.12
3993.00	4.65	143.35	3974.96	-289.86	129.73	-289.86	317.57	155.89	0.17
3994.00	4.65	143.37	3975.95	-289.93	129.78	-289.93	317.65	155.89	0.25
3995.00	4.66	143.38	3976.95	-289.99	129.83	-289.99	317.72	155.88	0.34
3996.00	4.66	143.40	3977.95	-290.06	129.87	-290.06	317.80	155.88	0.25
3997.00	4.65	143.41	3978.94	-290.12	129.92	-290.12	317.88	155.88	0.47
3998.00	4.65	143.43	3979.94	-290.19	129.97	-290.19	317.96	155.87	0.21
3999.00	4.65	143.45	3980.94	-290.25	130.02	-290.25	318.04	155.87	0.25
4000.00	4.66	143.47	3981.93	-290.32	130.07	-290.32	318.12	155.87	0.16
4001.00	4.65	143.50	3982.93	-290.38	130.12	-290.38	318.20	155.86	0.33
4002.00	4.65	143.56	3983.93	-290.45	130.16	-290.45	318.28	155.86	0.59
4003.00	4.65	143.61	3984.92	-290.51	130.21	-290.51	318.36	155.86	0.47
4004.00	4.65	143.67	3985.92	-290.58	130.26	-290.58	318.44	155.85	0.57
4005.00	4.65	143.74	3986.92	-290.64	130.31	-290.64	318.52	155.85	0.68
4006.00	4.64	143.81	3987.91	-290.71	130.36	-290.71	318.60	155.85	1.11
4007.00	4.63	143.89	3988.91	-290.77	130.40	-290.77	318.68	155.85	0.93
4008.00	4.63	143.98	3989.91	-290.84	130.45	-290.84	318.75	155.84	0.89
4009.00	4.62	144.07	3990.90	-290.90	130.50	-290.90	318.83	155.84	0.87
4010.00	4.62	144.16	3991.90	-290.97	130.55	-290.97	318.91	155.84	0.89
4011.00	4.61	144.25	3992.90	-291.03	130.59	-291.03	318.99	155.83	0.96
4012.00	4.61	144.36	3993.89	-291.10	130.64	-291.10	319.07	155.83	1.02
4013.00	4.60	144.46	3994.89	-291.16	130.69	-291.16	319.15	155.83	1.18
4014.00	4.59	144.58	3995.89	-291.23	130.73	-291.23	319.23	155.82	1.28
4015.00	4.58	144.69	3996.88	-291.29	130.78	-291.29	319.31	155.82	1.39
4016.00	4.57	144.83	3997.88	-291.36	130.82	-291.36	319.38	155.82	1.43
4017.00	4.56	144.99	3998.88	-291.43	130.87	-291.43	319.46	155.82	1.47

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4018.00	4.55	145.15	3999.87	-291.49	130.92	-291.49	319.54	155.81	1.60
4019.00	4.54	145.30	4000.87	-291.56	130.96	-291.56	319.62	155.81	1.63
4020.00	4.53	145.43	4001.87	-291.62	131.01	-291.62	319.70	155.81	1.28
4021.00	4.53	145.56	4002.87	-291.69	131.05	-291.69	319.77	155.81	1.27
4022.00	4.52	145.69	4003.86	-291.75	131.10	-291.75	319.85	155.80	1.25
4023.00	4.51	145.82	4004.86	-291.82	131.14	-291.82	319.93	155.80	1.48
4024.00	4.49	145.96	4005.86	-291.88	131.18	-291.88	320.01	155.80	1.87
4025.00	4.48	146.09	4006.85	-291.95	131.23	-291.95	320.08	155.80	1.38
4026.00	4.48	146.20	4007.85	-292.01	131.27	-292.01	320.16	155.79	0.98
4027.00	4.47	146.31	4008.85	-292.08	131.31	-292.08	320.24	155.79	0.94
4028.00	4.47	146.40	4009.84	-292.14	131.36	-292.14	320.31	155.79	0.92
4029.00	4.46	146.50	4010.84	-292.21	131.40	-292.21	320.39	155.79	1.01
4030.00	4.46	146.60	4011.84	-292.27	131.44	-292.27	320.47	155.79	1.05
4031.00	4.45	146.67	4012.83	-292.33	131.49	-292.33	320.54	155.78	0.94
4032.00	4.44	146.73	4013.83	-292.40	131.53	-292.40	320.62	155.78	0.90
4033.00	4.44	146.79	4014.83	-292.46	131.57	-292.46	320.70	155.78	0.60
4034.00	4.43	146.85	4015.83	-292.53	131.61	-292.53	320.77	155.78	0.55
4035.00	4.43	146.95	4016.82	-292.59	131.66	-292.59	320.85	155.77	0.84
4036.00	4.43	147.05	4017.82	-292.66	131.70	-292.66	320.93	155.77	0.85
4037.00	4.42	147.13	4018.82	-292.72	131.74	-292.72	321.00	155.77	0.70
4038.00	4.42	147.20	4019.81	-292.79	131.78	-292.79	321.08	155.77	0.71
4039.00	4.41	147.29	4020.81	-292.85	131.82	-292.85	321.15	155.77	0.82
4040.00	4.41	147.37	4021.81	-292.92	131.86	-292.92	321.23	155.76	0.84
4041.00	4.40	147.47	4022.81	-292.98	131.91	-292.98	321.31	155.76	1.05
4042.00	4.39	147.56	4023.80	-293.05	131.95	-293.05	321.38	155.76	1.05
4043.00	4.39	147.63	4024.80	-293.11	131.99	-293.11	321.46	155.76	0.89
4044.00	4.38	147.69	4025.80	-293.18	132.03	-293.18	321.53	155.76	0.89
4045.00	4.37	147.78	4026.79	-293.24	132.07	-293.24	321.61	155.75	1.02
4046.00	4.36	147.87	4027.79	-293.31	132.11	-293.31	321.68	155.75	1.03
4047.00	4.35	148.03	4028.79	-293.37	132.15	-293.37	321.76	155.75	1.81
4048.00	4.35	148.07	4029.78	-293.43	132.19	-293.43	321.84	155.75	0.30
4049.00	4.35	148.10	4030.78	-293.50	132.23	-293.50	321.91	155.75	0.30
4050.00	4.35	148.14	4031.78	-293.56	132.27	-293.56	321.99	155.75	0.30
4051.00	4.35	148.18	4032.78	-293.63	132.31	-293.63	322.06	155.74	0.30
4052.00	4.35	148.21	4033.77	-293.69	132.35	-293.69	322.14	155.74	0.30
4053.00	4.34	148.25	4034.77	-293.76	132.39	-293.76	322.21	155.74	0.30
4054.00	4.34	148.29	4035.77	-293.82	132.43	-293.82	322.29	155.74	0.30
4055.00	4.34	148.32	4036.76	-293.88	132.47	-293.88	322.36	155.74	0.30
4056.00	4.34	148.36	4037.76	-293.95	132.51	-293.95	322.44	155.73	0.30
4057.00	4.34	148.40	4038.76	-294.01	132.55	-294.01	322.51	155.73	0.30

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4058.00	4.34	148.43	4039.76	-294.08	132.59	-294.08	322.59	155.73	0.30
4059.00	4.34	148.47	4040.75	-294.14	132.63	-294.14	322.66	155.73	0.30
4060.00	4.34	148.50	4041.75	-294.21	132.67	-294.21	322.74	155.73	0.30
4061.00	4.34	148.54	4042.75	-294.27	132.71	-294.27	322.81	155.73	0.30
4062.00	4.34	148.58	4043.74	-294.34	132.75	-294.34	322.89	155.72	0.30
4063.00	4.33	148.61	4044.74	-294.40	132.79	-294.40	322.96	155.72	0.30
4064.00	4.33	148.65	4045.74	-294.47	132.83	-294.47	323.04	155.72	0.30
4065.00	4.33	148.69	4046.74	-294.53	132.87	-294.53	323.11	155.72	0.30
4066.00	4.33	148.72	4047.73	-294.59	132.90	-294.59	323.19	155.72	0.30
4067.00	4.33	148.76	4048.73	-294.66	132.94	-294.66	323.26	155.72	0.30
4068.00	4.32	148.79	4049.73	-294.72	132.98	-294.72	323.34	155.71	0.63
4069.00	4.32	148.82	4050.72	-294.79	133.02	-294.79	323.41	155.71	0.63
4070.00	4.31	148.85	4051.72	-294.85	133.06	-294.85	323.49	155.71	0.63
4071.00	4.31	148.89	4052.72	-294.92	133.10	-294.92	323.56	155.71	0.73
4072.00	4.30	148.96	4053.72	-294.98	133.14	-294.98	323.63	155.71	0.89
4073.00	4.29	149.01	4054.71	-295.05	133.18	-295.05	323.71	155.71	0.97
4074.00	4.28	149.04	4055.71	-295.11	133.22	-295.11	323.78	155.71	1.20
4075.00	4.27	149.07	4056.71	-295.17	133.25	-295.17	323.86	155.70	1.14
4076.00	4.26	149.09	4057.70	-295.24	133.29	-295.24	323.93	155.70	1.01
4077.00	4.24	149.15	4058.70	-295.30	133.33	-295.30	324.00	155.70	1.27
4078.00	4.23	149.25	4059.70	-295.36	133.37	-295.36	324.08	155.70	1.70
4079.00	4.22	149.32	4060.70	-295.43	133.41	-295.43	324.15	155.70	1.28
4080.00	4.21	149.39	4061.69	-295.49	133.44	-295.49	324.22	155.70	1.00
4081.00	4.20	149.46	4062.69	-295.55	133.48	-295.55	324.30	155.69	1.20
4082.00	4.19	149.53	4063.69	-295.62	133.52	-295.62	324.37	155.69	1.29
4083.00	4.18	149.58	4064.69	-295.68	133.55	-295.68	324.44	155.69	1.00
4084.00	4.17	149.62	4065.68	-295.74	133.59	-295.74	324.51	155.69	0.88
4085.00	4.16	149.66	4066.68	-295.80	133.63	-295.80	324.59	155.69	0.96
4086.00	4.15	149.72	4067.68	-295.87	133.66	-295.87	324.66	155.69	1.01
4087.00	4.14	149.76	4068.68	-295.93	133.70	-295.93	324.73	155.69	1.24
4088.00	4.12	149.80	4069.67	-295.99	133.74	-295.99	324.80	155.69	1.49
4089.00	4.11	149.85	4070.67	-296.05	133.77	-296.05	324.87	155.68	1.77
4090.00	4.09	149.95	4071.67	-296.12	133.81	-296.12	324.95	155.68	2.20
4091.00	4.07	150.06	4072.67	-296.18	133.84	-296.18	325.02	155.68	2.12
4092.00	4.05	150.19	4073.66	-296.24	133.88	-296.24	325.09	155.68	2.01
4093.00	4.03	150.29	4074.66	-296.30	133.91	-296.30	325.16	155.68	2.00
4094.00	4.01	150.35	4075.66	-296.36	133.95	-296.36	325.23	155.68	2.04
4095.00	3.99	150.43	4076.66	-296.42	133.98	-296.42	325.30	155.68	2.36
4096.00	3.96	150.53	4077.65	-296.48	134.02	-296.48	325.36	155.68	2.68
4097.00	3.93	150.58	4078.65	-296.54	134.05	-296.54	325.43	155.67	2.87

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4098.00	3.90	150.62	4079.65	-296.60	134.09	-296.60	325.50	155.67	2.96
4099.00	3.88	150.65	4080.65	-296.66	134.12	-296.66	325.57	155.67	2.75
4100.00	3.85	150.68	4081.64	-296.72	134.15	-296.72	325.64	155.67	2.66
4101.00	3.81	150.63	4082.64	-296.78	134.18	-296.78	325.70	155.67	3.51
4102.00	3.77	150.55	4083.64	-296.83	134.22	-296.83	325.77	155.67	3.90
4103.00	3.74	150.65	4084.64	-296.89	134.25	-296.89	325.83	155.67	4.00
4104.00	3.70	150.82	4085.63	-296.95	134.28	-296.95	325.90	155.67	4.15
4105.00	3.65	151.22	4086.63	-297.00	134.31	-297.00	325.96	155.67	4.82
4106.00	3.61	151.76	4087.63	-297.06	134.34	-297.06	326.03	155.67	5.40
4107.00	3.57	152.39	4088.63	-297.12	134.37	-297.12	326.09	155.67	6.13
4108.00	3.52	153.08	4089.63	-297.17	134.40	-297.17	326.15	155.66	6.59
4109.00	3.46	153.77	4090.63	-297.22	134.43	-297.22	326.21	155.66	7.13
4110.00	3.39	154.44	4091.62	-297.28	134.45	-297.28	326.27	155.66	7.50
4111.00	3.35	154.86	4092.62	-297.33	134.48	-297.33	326.33	155.66	5.16
4112.00	3.30	155.29	4093.62	-297.38	134.50	-297.38	326.39	155.66	5.14
4113.00	3.26	155.62	4094.62	-297.44	134.53	-297.44	326.44	155.66	5.08
4114.00	3.21	155.95	4095.62	-297.49	134.55	-297.49	326.50	155.66	5.07
4115.00	3.16	156.13	4096.62	-297.54	134.57	-297.54	326.56	155.66	5.29
4116.00	3.11	156.31	4097.61	-297.59	134.59	-297.59	326.61	155.66	5.28
4117.00	3.06	156.48	4098.61	-297.64	134.62	-297.64	326.66	155.66	4.66
4118.00	3.02	156.64	4099.61	-297.69	134.64	-297.69	326.72	155.66	4.59
4119.00	2.97	156.77	4100.61	-297.73	134.66	-297.73	326.77	155.66	4.83
4120.00	2.92	156.89	4101.61	-297.78	134.68	-297.78	326.82	155.66	4.89
4121.00	2.88	156.84	4102.61	-297.83	134.70	-297.83	326.87	155.66	4.38
4122.00	2.83	156.74	4103.61	-297.87	134.72	-297.87	326.92	155.66	4.28
4123.00	2.78	156.76	4104.60	-297.92	134.74	-297.92	326.97	155.66	5.08
4124.00	2.73	156.77	4105.60	-297.96	134.76	-297.96	327.02	155.66	5.00
4125.00	2.70	156.60	4106.60	-298.01	134.77	-298.01	327.07	155.67	3.38
4126.00	2.67	156.44	4107.60	-298.05	134.79	-298.05	327.11	155.67	3.43
4127.00	2.63	156.31	4108.60	-298.09	134.81	-298.09	327.16	155.67	3.83
4128.00	2.59	156.18	4109.60	-298.13	134.83	-298.13	327.20	155.67	3.83
4129.00	2.56	156.23	4110.60	-298.17	134.85	-298.17	327.25	155.67	3.20
4130.00	2.53	156.28	4111.60	-298.22	134.87	-298.22	327.29	155.67	3.20
4131.00	2.50	156.39	4112.60	-298.26	134.88	-298.26	327.34	155.67	3.02
4132.00	2.47	156.51	4113.59	-298.29	134.90	-298.29	327.38	155.67	3.02
4133.00	2.43	156.69	4114.59	-298.33	134.92	-298.33	327.42	155.67	3.88
4134.00	2.39	156.90	4115.59	-298.37	134.93	-298.37	327.47	155.67	3.88
4135.00	2.36	157.18	4116.59	-298.41	134.95	-298.41	327.51	155.67	3.51
4136.00	2.33	157.40	4117.59	-298.45	134.97	-298.45	327.55	155.67	3.31
4137.00	2.30	157.46	4118.59	-298.49	134.98	-298.49	327.59	155.67	2.94

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4138.00	2.27	157.54	4119.59	-298.52	135.00	-298.52	327.63	155.67	3.01
4139.00	2.24	157.68	4120.59	-298.56	135.01	-298.56	327.67	155.67	3.18
4140.00	2.21	157.81	4121.59	-298.59	135.03	-298.59	327.71	155.67	3.03
4141.00	2.18	157.88	4122.59	-298.63	135.04	-298.63	327.74	155.67	2.43
4142.00	2.16	157.96	4123.59	-298.67	135.05	-298.67	327.78	155.67	2.43
4143.00	2.13	158.04	4124.59	-298.70	135.07	-298.70	327.82	155.67	3.07
4144.00	2.09	158.13	4125.59	-298.73	135.08	-298.73	327.86	155.67	3.22
4145.00	2.06	158.26	4126.58	-298.77	135.10	-298.77	327.89	155.67	3.42
4146.00	2.03	158.40	4127.58	-298.80	135.11	-298.80	327.93	155.67	3.44
4147.00	2.00	158.69	4128.58	-298.83	135.12	-298.83	327.96	155.67	3.08
4148.00	1.97	158.97	4129.58	-298.87	135.13	-298.87	328.00	155.67	3.06
4149.00	1.94	159.17	4130.58	-298.90	135.15	-298.90	328.03	155.67	2.90
4150.00	1.91	159.39	4131.58	-298.93	135.16	-298.93	328.06	155.67	2.81
4151.00	1.89	159.65	4132.58	-298.96	135.17	-298.96	328.10	155.67	2.60
4152.00	1.87	159.85	4133.58	-298.99	135.18	-298.99	328.13	155.67	2.27
4153.00	1.85	159.96	4134.58	-299.02	135.19	-299.02	328.16	155.67	1.78
4154.00	1.83	160.08	4135.58	-299.05	135.20	-299.05	328.19	155.67	1.78
4155.00	1.81	160.29	4136.58	-299.08	135.21	-299.08	328.23	155.67	2.08
4156.00	1.79	160.55	4137.58	-299.11	135.23	-299.11	328.26	155.67	2.19
4157.00	1.77	160.88	4138.58	-299.14	135.24	-299.14	328.29	155.67	2.33
4158.00	1.75	161.20	4139.58	-299.17	135.25	-299.17	328.32	155.67	2.21
4159.00	1.74	161.49	4140.58	-299.20	135.26	-299.20	328.35	155.67	1.75
4160.00	1.72	161.77	4141.58	-299.23	135.26	-299.23	328.38	155.67	1.73
4161.00	1.71	162.08	4142.58	-299.26	135.27	-299.26	328.41	155.68	1.63
4162.00	1.69	162.38	4143.58	-299.28	135.28	-299.28	328.44	155.68	1.62
4163.00	1.67	163.39	4144.58	-299.31	135.29	-299.31	328.47	155.68	3.69
4164.00	1.65	164.31	4145.58	-299.34	135.30	-299.34	328.50	155.68	3.44
4165.00	1.63	164.91	4146.57	-299.37	135.31	-299.37	328.53	155.68	2.59
4166.00	1.61	165.51	4147.57	-299.39	135.31	-299.39	328.55	155.68	2.49
4167.00	1.60	166.11	4148.57	-299.42	135.32	-299.42	328.58	155.68	2.26
4168.00	1.58	166.71	4149.57	-299.45	135.33	-299.45	328.61	155.68	2.25
4169.00	1.56	167.50	4150.57	-299.48	135.33	-299.48	328.63	155.68	2.85
4170.00	1.55	168.32	4151.57	-299.50	135.34	-299.50	328.66	155.68	2.90
4171.00	1.53	169.16	4152.57	-299.53	135.34	-299.53	328.69	155.68	2.81
4172.00	1.51	170.02	4153.57	-299.55	135.35	-299.55	328.71	155.68	2.77
4173.00	1.49	169.67	4154.57	-299.58	135.35	-299.58	328.74	155.69	2.07
4174.00	1.47	168.80	4155.57	-299.61	135.36	-299.61	328.76	155.69	2.98
4175.00	1.46	168.13	4156.57	-299.63	135.36	-299.63	328.79	155.69	2.23
4176.00	1.45	167.49	4157.57	-299.66	135.37	-299.66	328.81	155.69	2.13
4177.00	1.43	166.59	4158.57	-299.68	135.38	-299.68	328.84	155.69	3.05

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4178.00	1.41	165.56	4159.57	-299.70	135.38	-299.70	328.86	155.69	3.31
4179.00	1.38	163.51	4160.57	-299.73	135.39	-299.73	328.89	155.69	5.62
4180.00	1.37	162.89	4161.57	-299.75	135.39	-299.75	328.91	155.69	1.77
4181.00	1.36	162.27	4162.57	-299.77	135.40	-299.77	328.93	155.69	1.76
4182.00	1.35	161.79	4163.57	-299.80	135.41	-299.80	328.96	155.69	1.66
4183.00	1.33	161.52	4164.57	-299.82	135.42	-299.82	328.98	155.69	1.73
4184.00	1.32	161.26	4165.57	-299.84	135.42	-299.84	329.00	155.69	1.33
4185.00	1.31	160.99	4166.57	-299.86	135.43	-299.86	329.03	155.69	0.80
4186.00	1.31	160.91	4167.57	-299.88	135.44	-299.88	329.05	155.69	0.58
4187.00	1.30	161.10	4168.57	-299.90	135.45	-299.90	329.07	155.69	0.73
4188.00	1.30	161.16	4169.57	-299.93	135.45	-299.93	329.09	155.70	0.49
4189.00	1.30	160.91	4170.57	-299.95	135.46	-299.95	329.12	155.70	0.61
4190.00	1.29	160.68	4171.57	-299.97	135.47	-299.97	329.14	155.70	0.56
4191.00	1.29	160.58	4172.57	-299.99	135.48	-299.99	329.16	155.70	0.39
4192.00	1.29	160.48	4173.57	-300.01	135.48	-300.01	329.18	155.70	0.40
4193.00	1.28	160.39	4174.57	-300.03	135.49	-300.03	329.21	155.70	0.51
4194.00	1.28	160.27	4175.57	-300.05	135.50	-300.05	329.23	155.70	0.46
4195.00	1.28	160.04	4176.57	-300.07	135.51	-300.07	329.25	155.70	0.52
4196.00	1.28	159.88	4177.57	-300.10	135.51	-300.10	329.27	155.70	0.36
4197.00	1.28	159.89	4178.57	-300.12	135.52	-300.12	329.30	155.70	0.18
4198.00	1.28	159.91	4179.56	-300.14	135.53	-300.14	329.32	155.70	0.19
4199.00	1.27	159.95	4180.56	-300.16	135.54	-300.16	329.34	155.70	0.21
4200.00	1.27	159.97	4181.56	-300.18	135.54	-300.18	329.36	155.70	0.15
4201.00	1.27	159.97	4182.56	-300.20	135.55	-300.20	329.39	155.70	0.07
4202.00	1.27	159.94	4183.56	-300.22	135.56	-300.22	329.41	155.70	0.11
4203.00	1.28	159.89	4184.56	-300.24	135.57	-300.24	329.43	155.70	0.37
4204.00	1.28	159.86	4185.56	-300.26	135.57	-300.26	329.45	155.70	0.25
4205.00	1.28	159.90	4186.56	-300.28	135.58	-300.28	329.47	155.70	0.09
4206.00	1.28	159.98	4187.56	-300.30	135.59	-300.30	329.50	155.70	0.17
4207.00	1.28	160.16	4188.56	-300.33	135.60	-300.33	329.52	155.70	0.50
4208.00	1.27	160.48	4189.56	-300.35	135.61	-300.35	329.54	155.70	0.77
4209.00	1.27	161.34	4190.56	-300.37	135.61	-300.37	329.56	155.70	1.93
4210.00	1.27	162.01	4191.56	-300.39	135.62	-300.39	329.58	155.70	1.52
4211.00	1.26	162.23	4192.56	-300.41	135.63	-300.41	329.61	155.70	0.65
4212.00	1.26	162.76	4193.56	-300.43	135.63	-300.43	329.63	155.70	1.25
4213.00	1.25	163.75	4194.56	-300.45	135.64	-300.45	329.65	155.70	2.22
4214.00	1.24	164.66	4195.56	-300.47	135.64	-300.47	329.67	155.70	2.15
4215.00	1.23	165.51	4196.56	-300.49	135.65	-300.49	329.69	155.70	2.12
4216.00	1.22	166.36	4197.56	-300.51	135.66	-300.51	329.71	155.71	2.00
4217.00	1.22	167.20	4198.56	-300.53	135.66	-300.53	329.73	155.71	1.95

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4218.00	1.21	168.06	4199.56	-300.56	135.66	-300.56	329.76	155.71	2.00
4219.00	1.20	168.93	4200.56	-300.58	135.67	-300.58	329.78	155.71	2.00
4220.00	1.19	168.38	4201.56	-300.60	135.67	-300.60	329.80	155.71	1.47
4221.00	1.18	167.68	4202.56	-300.62	135.68	-300.62	329.82	155.71	1.73
4222.00	1.18	166.46	4203.56	-300.64	135.68	-300.64	329.84	155.71	2.52
4223.00	1.18	165.18	4204.56	-300.66	135.69	-300.66	329.86	155.71	2.63
4224.00	1.17	163.80	4205.56	-300.68	135.69	-300.68	329.88	155.71	2.93
4225.00	1.16	162.40	4206.56	-300.70	135.70	-300.70	329.90	155.71	3.00
4226.00	1.16	160.88	4207.56	-300.72	135.71	-300.72	329.92	155.71	3.08
4227.00	1.16	159.32	4208.56	-300.73	135.71	-300.73	329.94	155.71	3.16
4228.00	1.16	158.08	4209.56	-300.75	135.72	-300.75	329.96	155.71	2.53
4229.00	1.16	156.96	4210.56	-300.77	135.73	-300.77	329.98	155.71	2.26
4230.00	1.16	156.44	4211.56	-300.79	135.73	-300.79	330.00	155.71	1.05
4231.00	1.16	156.18	4212.56	-300.81	135.74	-300.81	330.02	155.71	0.54
4232.00	1.16	155.98	4213.56	-300.83	135.75	-300.83	330.04	155.71	0.43
4233.00	1.16	155.80	4214.56	-300.85	135.76	-300.85	330.06	155.71	0.42
4234.00	1.16	155.74	4215.56	-300.86	135.77	-300.86	330.08	155.71	0.22
4235.00	1.16	155.67	4216.56	-300.88	135.78	-300.88	330.10	155.71	0.22
4236.00	1.17	155.83	4217.56	-300.90	135.78	-300.90	330.12	155.71	0.79
4237.00	1.18	156.00	4218.56	-300.92	135.79	-300.92	330.14	155.71	0.79
4238.00	1.18	156.12	4219.56	-300.94	135.80	-300.94	330.16	155.71	0.49
4239.00	1.19	156.24	4220.56	-300.96	135.81	-300.96	330.18	155.71	0.46
4240.00	1.19	156.54	4221.56	-300.98	135.82	-300.98	330.20	155.71	0.63
4241.00	1.19	156.85	4222.56	-301.00	135.83	-301.00	330.22	155.71	0.66
4242.00	1.19	157.31	4223.56	-301.01	135.83	-301.01	330.24	155.71	1.11
4243.00	1.20	157.80	4224.55	-301.03	135.84	-301.03	330.26	155.71	1.24
4244.00	1.20	158.47	4225.55	-301.05	135.85	-301.05	330.29	155.71	1.42
4245.00	1.19	159.22	4226.55	-301.07	135.86	-301.07	330.31	155.71	1.66
4246.00	1.19	160.22	4227.55	-301.09	135.86	-301.09	330.33	155.71	2.15
4247.00	1.18	161.34	4228.55	-301.11	135.87	-301.11	330.35	155.71	2.35
4248.00	1.18	162.04	4229.55	-301.13	135.88	-301.13	330.37	155.71	1.58
4249.00	1.17	162.63	4230.55	-301.15	135.88	-301.15	330.39	155.71	1.40
4250.00	1.16	163.26	4231.55	-301.17	135.89	-301.17	330.41	155.71	1.50
4251.00	1.15	163.90	4232.55	-301.19	135.90	-301.19	330.43	155.72	1.51
4252.00	1.15	164.59	4233.55	-301.21	135.90	-301.21	330.45	155.72	1.61
4253.00	1.14	165.37	4234.55	-301.23	135.91	-301.23	330.47	155.72	1.76
4254.00	1.13	166.16	4235.55	-301.25	135.91	-301.25	330.49	155.72	1.83
4255.00	1.12	166.96	4236.55	-301.27	135.92	-301.27	330.51	155.72	2.04
4256.00	1.11	166.84	4237.55	-301.29	135.92	-301.29	330.53	155.72	0.98
4257.00	1.10	166.49	4238.55	-301.30	135.92	-301.30	330.54	155.72	1.10

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4258.00	1.09	165.57	4239.55	-301.32	135.93	-301.32	330.56	155.72	1.93
4259.00	1.08	164.40	4240.55	-301.34	135.93	-301.34	330.58	155.72	2.34
4260.00	1.07	163.36	4241.55	-301.36	135.94	-301.36	330.60	155.72	2.09
4261.00	1.07	162.39	4242.55	-301.38	135.94	-301.38	330.62	155.72	1.93
4262.00	1.06	160.75	4243.55	-301.39	135.95	-301.39	330.64	155.72	3.15
4263.00	1.05	158.82	4244.55	-301.41	135.96	-301.41	330.66	155.72	3.66
4264.00	1.05	157.66	4245.55	-301.43	135.96	-301.43	330.67	155.72	2.15
4265.00	1.05	156.59	4246.55	-301.45	135.97	-301.45	330.69	155.72	1.98
4266.00	1.04	155.90	4247.55	-301.46	135.98	-301.46	330.71	155.72	1.27
4267.00	1.04	155.21	4248.55	-301.48	135.99	-301.48	330.73	155.72	1.27
4268.00	1.05	154.63	4249.55	-301.50	135.99	-301.50	330.75	155.72	1.10
4269.00	1.05	154.05	4250.55	-301.51	136.00	-301.51	330.77	155.72	1.11
4270.00	1.05	154.03	4251.55	-301.53	136.01	-301.53	330.78	155.72	0.23
4271.00	1.05	154.08	4252.55	-301.55	136.02	-301.55	330.80	155.72	0.22
4272.00	1.06	154.09	4253.55	-301.56	136.03	-301.56	330.82	155.72	0.67
4273.00	1.07	154.09	4254.55	-301.58	136.03	-301.58	330.84	155.72	0.79
4274.00	1.07	154.18	4255.55	-301.60	136.04	-301.60	330.86	155.72	0.68
4275.00	1.08	154.29	4256.55	-301.61	136.05	-301.61	330.88	155.72	0.66
4276.00	1.09	154.47	4257.55	-301.63	136.06	-301.63	330.90	155.72	0.60
4277.00	1.09	154.68	4258.55	-301.65	136.07	-301.65	330.91	155.72	0.59
4278.00	1.10	154.97	4259.55	-301.66	136.07	-301.66	330.93	155.72	0.91
4279.00	1.10	155.29	4260.55	-301.68	136.08	-301.68	330.95	155.72	1.00
4280.00	1.11	155.66	4261.55	-301.70	136.09	-301.70	330.97	155.72	0.87
4281.00	1.11	156.05	4262.55	-301.72	136.10	-301.72	330.99	155.72	0.87
4282.00	1.11	156.60	4263.55	-301.73	136.11	-301.73	331.01	155.72	1.07
4283.00	1.11	157.14	4264.55	-301.75	136.11	-301.75	331.03	155.72	1.07
4284.00	1.11	158.08	4265.55	-301.77	136.12	-301.77	331.05	155.72	1.82
4285.00	1.11	159.02	4266.55	-301.79	136.13	-301.79	331.07	155.72	1.82
4286.00	1.10	159.88	4267.55	-301.81	136.14	-301.81	331.09	155.72	1.86
4287.00	1.10	160.72	4268.55	-301.82	136.14	-301.82	331.11	155.72	1.75
4288.00	1.09	161.55	4269.55	-301.84	136.15	-301.84	331.13	155.72	1.63
4289.00	1.09	162.37	4270.55	-301.86	136.15	-301.86	331.15	155.72	1.62
4290.00	1.08	163.31	4271.55	-301.88	136.16	-301.88	331.16	155.72	2.05
4291.00	1.06	164.28	4272.55	-301.90	136.16	-301.90	331.18	155.72	2.15
4292.00	1.05	165.58	4273.55	-301.91	136.17	-301.91	331.20	155.72	2.74
4293.00	1.04	166.97	4274.55	-301.93	136.17	-301.93	331.22	155.72	2.87
4294.00	1.03	167.11	4275.55	-301.95	136.18	-301.95	331.24	155.72	1.06
4295.00	1.02	167.15	4276.55	-301.97	136.18	-301.97	331.25	155.73	1.04
4296.00	1.01	166.28	4277.55	-301.98	136.19	-301.98	331.27	155.73	1.93
4297.00	0.99	165.20	4278.54	-302.00	136.19	-302.00	331.29	155.73	2.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4298.00	0.99	163.63	4279.54	-302.02	136.19	-302.02	331.31	155.73	2.88
4299.00	0.98	162.03	4280.54	-302.03	136.20	-302.03	331.32	155.73	2.92
4300.00	0.96	160.39	4281.54	-302.05	136.21	-302.05	331.34	155.73	2.99
4301.00	0.95	158.69	4282.54	-302.07	136.21	-302.07	331.36	155.73	3.04
4302.00	0.95	156.46	4283.54	-302.08	136.22	-302.08	331.37	155.73	3.78
4303.00	0.94	154.69	4284.54	-302.10	136.22	-302.10	331.39	155.73	2.95
4304.00	0.94	153.41	4285.54	-302.11	136.23	-302.11	331.41	155.73	2.13
4305.00	0.93	152.12	4286.54	-302.13	136.24	-302.13	331.42	155.73	2.13
4306.00	0.93	151.40	4287.54	-302.14	136.25	-302.14	331.44	155.73	1.19
4307.00	0.93	150.77	4288.54	-302.15	136.25	-302.15	331.45	155.73	1.03
4308.00	0.93	150.27	4289.54	-302.17	136.26	-302.17	331.47	155.73	0.85
4309.00	0.94	149.77	4290.54	-302.18	136.27	-302.18	331.49	155.73	0.85
4310.00	0.94	149.78	4291.54	-302.20	136.28	-302.20	331.50	155.73	0.28
4311.00	0.94	149.73	4292.54	-302.21	136.29	-302.21	331.52	155.73	0.30
4312.00	0.95	149.40	4293.54	-302.22	136.30	-302.22	331.54	155.73	0.63
4313.00	0.95	149.12	4294.54	-302.24	136.30	-302.24	331.55	155.73	0.59
4314.00	0.95	149.05	4295.54	-302.25	136.31	-302.25	331.57	155.73	0.56
4315.00	0.96	149.09	4296.54	-302.27	136.32	-302.27	331.59	155.72	0.45
4316.00	0.96	149.51	4297.54	-302.28	136.33	-302.28	331.60	155.72	0.71
4317.00	0.96	150.01	4298.54	-302.30	136.34	-302.30	331.62	155.72	0.85
4318.00	0.96	150.84	4299.54	-302.31	136.35	-302.31	331.64	155.72	1.44
4319.00	0.95	151.64	4300.54	-302.33	136.35	-302.33	331.65	155.72	1.37
4320.00	0.95	152.30	4301.54	-302.34	136.36	-302.34	331.67	155.72	1.13
4321.00	0.95	152.98	4302.54	-302.35	136.37	-302.35	331.69	155.72	1.17
4322.00	0.94	153.92	4303.54	-302.37	136.38	-302.37	331.70	155.72	1.56
4323.00	0.94	154.88	4304.54	-302.38	136.38	-302.38	331.72	155.72	1.61
4324.00	0.93	155.99	4305.54	-302.40	136.39	-302.40	331.73	155.72	2.29
4325.00	0.91	157.13	4306.54	-302.41	136.40	-302.41	331.75	155.72	2.23
4326.00	0.91	158.32	4307.54	-302.43	136.40	-302.43	331.77	155.72	2.10
4327.00	0.90	159.38	4308.54	-302.44	136.41	-302.44	331.78	155.72	1.86
4328.00	0.89	160.13	4309.54	-302.46	136.41	-302.46	331.80	155.72	1.33
4329.00	0.88	160.52	4310.54	-302.47	136.42	-302.47	331.81	155.72	1.00
4330.00	0.87	160.08	4311.54	-302.49	136.42	-302.49	331.83	155.72	1.34
4331.00	0.86	159.47	4312.54	-302.50	136.43	-302.50	331.84	155.72	1.45
4332.00	0.85	158.15	4313.54	-302.51	136.44	-302.51	331.86	155.72	2.19
4333.00	0.84	156.60	4314.54	-302.53	136.44	-302.53	331.87	155.72	2.44
4334.00	0.84	154.09	4315.54	-302.54	136.45	-302.54	331.89	155.72	3.69
4335.00	0.84	151.65	4316.54	-302.55	136.45	-302.55	331.90	155.72	3.58
4336.00	0.83	149.51	4317.54	-302.57	136.46	-302.57	331.92	155.72	3.21
4337.00	0.82	147.46	4318.54	-302.58	136.47	-302.58	331.93	155.72	3.02

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4338.00	0.82	145.82	4319.54	-302.59	136.48	-302.59	331.95	155.72	2.37
4339.00	0.82	144.23	4320.54	-302.60	136.48	-302.60	331.96	155.72	2.28
4340.00	0.82	143.16	4321.54	-302.62	136.49	-302.62	331.97	155.72	1.57
4341.00	0.82	142.24	4322.54	-302.63	136.50	-302.63	331.99	155.72	1.35
4342.00	0.82	141.93	4323.54	-302.64	136.51	-302.64	332.00	155.72	0.45
4343.00	0.83	141.73	4324.54	-302.65	136.52	-302.65	332.02	155.72	0.39
4344.00	0.83	141.78	4325.54	-302.66	136.53	-302.66	332.03	155.72	0.95
4345.00	0.84	141.97	4326.54	-302.67	136.54	-302.67	332.04	155.72	1.02
4346.00	0.85	142.29	4327.54	-302.68	136.55	-302.68	332.06	155.72	1.13
4347.00	0.86	142.72	4328.54	-302.70	136.56	-302.70	332.07	155.72	0.98
4348.00	0.87	143.24	4329.54	-302.71	136.56	-302.71	332.09	155.72	0.92
4349.00	0.87	143.99	4330.54	-302.72	136.57	-302.72	332.10	155.72	1.24
4350.00	0.88	144.97	4331.54	-302.73	136.58	-302.73	332.12	155.72	1.57
4351.00	0.88	146.03	4332.54	-302.74	136.59	-302.74	332.13	155.72	1.74
4352.00	0.89	147.18	4333.54	-302.76	136.60	-302.76	332.15	155.72	1.91
4353.00	0.89	147.79	4334.54	-302.77	136.61	-302.77	332.16	155.72	0.96
4354.00	0.89	148.35	4335.54	-302.78	136.62	-302.78	332.18	155.72	0.87
4355.00	0.89	149.14	4336.54	-302.80	136.62	-302.80	332.19	155.71	1.22
4356.00	0.89	150.46	4337.54	-302.81	136.63	-302.81	332.21	155.71	2.06
4357.00	0.89	151.67	4338.54	-302.82	136.64	-302.82	332.22	155.71	1.89
4358.00	0.89	152.62	4339.54	-302.84	136.65	-302.84	332.24	155.71	1.48
4359.00	0.89	153.71	4340.54	-302.85	136.65	-302.85	332.26	155.71	1.72
4360.00	0.88	155.13	4341.54	-302.87	136.66	-302.87	332.27	155.71	2.34
4361.00	0.88	155.52	4342.54	-302.88	136.67	-302.88	332.29	155.71	0.73
4362.00	0.87	155.48	4343.54	-302.89	136.67	-302.89	332.30	155.71	0.22
4363.00	0.88	154.97	4344.54	-302.91	136.68	-302.91	332.32	155.71	0.79
4364.00	0.88	154.25	4345.54	-302.92	136.69	-302.92	332.33	155.71	1.13
4365.00	0.87	152.91	4346.54	-302.94	136.69	-302.94	332.35	155.71	2.09
4366.00	0.87	151.15	4347.54	-302.95	136.70	-302.95	332.36	155.71	2.79
4367.00	0.86	149.24	4348.54	-302.96	136.71	-302.96	332.38	155.71	2.90
4368.00	0.86	147.26	4349.54	-302.97	136.72	-302.97	332.39	155.71	2.99
4369.00	0.87	144.44	4350.54	-302.99	136.72	-302.99	332.41	155.71	4.27
4370.00	0.87	141.07	4351.54	-303.00	136.73	-303.00	332.42	155.71	5.17
4371.00	0.88	138.92	4352.54	-303.01	136.74	-303.01	332.44	155.71	3.34
4372.00	0.89	136.84	4353.54	-303.02	136.75	-303.02	332.45	155.71	3.27
4373.00	0.89	135.35	4354.54	-303.03	136.76	-303.03	332.47	155.71	2.44
4374.00	0.90	133.86	4355.54	-303.04	136.78	-303.04	332.48	155.71	2.46
4375.00	0.91	133.11	4356.54	-303.06	136.79	-303.06	332.50	155.71	1.67
4376.00	0.93	132.37	4357.54	-303.07	136.80	-303.07	332.51	155.71	1.68
4377.00	0.93	131.61	4358.54	-303.08	136.81	-303.08	332.53	155.71	1.46

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4378.00	0.94	130.85	4359.53	-303.09	136.82	-303.09	332.54	155.70	1.47
4379.00	0.96	130.59	4360.53	-303.10	136.84	-303.10	332.56	155.70	1.61
4380.00	0.97	130.32	4361.53	-303.11	136.85	-303.11	332.57	155.70	1.61
4381.00	0.99	130.09	4362.53	-303.12	136.86	-303.12	332.59	155.70	1.98
4382.00	1.01	129.87	4363.53	-303.13	136.88	-303.13	332.60	155.70	2.03
4383.00	1.03	129.60	4364.53	-303.14	136.89	-303.14	332.62	155.70	1.65
4384.00	1.04	129.34	4365.53	-303.15	136.90	-303.15	332.63	155.70	1.61
4385.00	1.06	129.79	4366.53	-303.17	136.92	-303.17	332.65	155.69	1.60
4386.00	1.07	130.31	4367.53	-303.18	136.93	-303.18	332.67	155.69	1.67
4387.00	1.09	130.33	4368.53	-303.19	136.95	-303.19	332.68	155.69	1.60
4388.00	1.10	130.47	4369.53	-303.20	136.96	-303.20	332.70	155.69	1.49
4389.00	1.11	131.11	4370.53	-303.22	136.97	-303.22	332.72	155.69	1.55
4390.00	1.12	131.72	4371.53	-303.23	136.99	-303.23	332.74	155.69	1.53
4391.00	1.13	132.25	4372.53	-303.24	137.00	-303.24	332.75	155.69	1.49
4392.00	1.14	132.71	4373.53	-303.25	137.02	-303.25	332.77	155.69	1.27
4393.00	1.14	133.05	4374.53	-303.27	137.03	-303.27	332.79	155.68	0.76
4394.00	1.15	133.40	4375.53	-303.28	137.05	-303.28	332.81	155.68	0.81
4395.00	1.15	133.81	4376.53	-303.30	137.06	-303.30	332.83	155.68	0.93
4396.00	1.16	134.17	4377.53	-303.31	137.08	-303.31	332.85	155.68	0.84
4397.00	1.16	134.43	4378.53	-303.32	137.09	-303.32	332.87	155.68	0.62
4398.00	1.16	134.70	4379.53	-303.34	137.11	-303.34	332.88	155.68	0.64
4399.00	1.17	134.98	4380.53	-303.35	137.12	-303.35	332.90	155.68	0.71
4400.00	1.17	135.17	4381.53	-303.37	137.13	-303.37	332.92	155.68	0.55
4401.00	1.17	134.57	4382.53	-303.38	137.15	-303.38	332.94	155.67	1.25
4402.00	1.17	133.93	4383.53	-303.40	137.16	-303.40	332.96	155.67	1.31
4403.00	1.17	133.03	4384.53	-303.41	137.18	-303.41	332.98	155.67	1.86
4404.00	1.17	132.09	4385.53	-303.42	137.19	-303.42	333.00	155.67	1.91
4405.00	1.18	130.92	4386.53	-303.44	137.21	-303.44	333.02	155.67	2.40
4406.00	1.18	129.76	4387.53	-303.45	137.22	-303.45	333.04	155.67	2.40
4407.00	1.19	128.63	4388.53	-303.46	137.24	-303.46	333.05	155.67	2.43
4408.00	1.19	127.42	4389.53	-303.48	137.26	-303.48	333.07	155.66	2.60
4409.00	1.20	126.02	4390.53	-303.49	137.27	-303.49	333.09	155.66	3.01
4410.00	1.21	124.65	4391.53	-303.50	137.29	-303.50	333.11	155.66	3.00
4411.00	1.22	123.34	4392.53	-303.51	137.31	-303.51	333.13	155.66	3.03
4412.00	1.23	122.24	4393.53	-303.52	137.33	-303.52	333.14	155.66	2.53
4413.00	1.23	121.45	4394.53	-303.54	137.34	-303.54	333.16	155.65	1.77
4414.00	1.24	120.78	4395.53	-303.55	137.36	-303.55	333.18	155.65	1.63
4415.00	1.26	120.40	4396.53	-303.56	137.38	-303.56	333.20	155.65	1.62
4416.00	1.27	120.11	4397.53	-303.57	137.40	-303.57	333.22	155.65	1.46
4417.00	1.28	120.03	4398.53	-303.58	137.42	-303.58	333.23	155.65	1.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4418.00	1.29	119.95	4399.53	-303.59	137.44	-303.59	333.25	155.64	1.17
4419.00	1.31	119.77	4400.53	-303.60	137.46	-303.60	333.27	155.64	1.45
4420.00	1.32	119.61	4401.53	-303.61	137.48	-303.61	333.29	155.64	1.43
4421.00	1.33	119.52	4402.53	-303.63	137.50	-303.63	333.31	155.64	1.26
4422.00	1.34	119.44	4403.53	-303.64	137.52	-303.64	333.33	155.63	1.25
4423.00	1.36	119.43	4404.53	-303.65	137.54	-303.65	333.35	155.63	1.22
4424.00	1.37	119.41	4405.53	-303.66	137.56	-303.66	333.37	155.63	1.23
4425.00	1.38	119.43	4406.53	-303.67	137.58	-303.67	333.38	155.63	1.23
4426.00	1.39	119.45	4407.52	-303.68	137.60	-303.68	333.40	155.62	1.23
4427.00	1.41	119.39	4408.52	-303.70	137.62	-303.70	333.42	155.62	1.43
4428.00	1.42	119.39	4409.52	-303.71	137.65	-303.71	333.44	155.62	1.22
4429.00	1.43	119.55	4410.52	-303.72	137.67	-303.72	333.46	155.62	0.86
4430.00	1.43	119.73	4411.52	-303.73	137.69	-303.73	333.48	155.61	0.87
4431.00	1.44	120.09	4412.52	-303.75	137.71	-303.75	333.50	155.61	1.10
4432.00	1.45	120.44	4413.52	-303.76	137.73	-303.76	333.52	155.61	1.10
4433.00	1.45	120.62	4414.52	-303.77	137.75	-303.77	333.55	155.61	0.67
4434.00	1.46	120.77	4415.52	-303.78	137.78	-303.78	333.57	155.60	0.63
4435.00	1.46	121.25	4416.52	-303.80	137.80	-303.80	333.59	155.60	1.39
4436.00	1.47	121.77	4417.52	-303.81	137.82	-303.81	333.61	155.60	1.49
4437.00	1.47	121.98	4418.52	-303.82	137.84	-303.82	333.63	155.60	0.56
4438.00	1.47	122.20	4419.52	-303.84	137.86	-303.84	333.65	155.59	0.56
4439.00	1.47	122.44	4420.52	-303.85	137.88	-303.85	333.67	155.59	0.65
4440.00	1.47	122.68	4421.52	-303.86	137.91	-303.86	333.69	155.59	0.67
4441.00	1.47	122.97	4422.52	-303.88	137.93	-303.88	333.72	155.59	0.74
4442.00	1.47	123.27	4423.52	-303.89	137.95	-303.89	333.74	155.58	0.79
4443.00	1.47	123.62	4424.52	-303.91	137.97	-303.91	333.76	155.58	0.90
4444.00	1.47	124.00	4425.52	-303.92	137.99	-303.92	333.78	155.58	1.01
4445.00	1.47	124.42	4426.52	-303.94	138.01	-303.94	333.80	155.58	1.12
4446.00	1.46	124.88	4427.52	-303.95	138.03	-303.95	333.83	155.58	1.30
4447.00	1.45	125.27	4428.52	-303.96	138.06	-303.96	333.85	155.57	1.13
4448.00	1.45	125.62	4429.52	-303.98	138.08	-303.98	333.87	155.57	1.02
4449.00	1.44	125.95	4430.52	-303.99	138.10	-303.99	333.89	155.57	0.94
4450.00	1.44	126.24	4431.52	-304.01	138.12	-304.01	333.91	155.57	0.86
4451.00	1.44	126.41	4432.52	-304.02	138.14	-304.02	333.93	155.56	0.60
4452.00	1.43	126.07	4433.52	-304.04	138.16	-304.04	333.96	155.56	0.93
4453.00	1.43	125.68	4434.52	-304.05	138.18	-304.05	333.98	155.56	1.04
4454.00	1.43	124.81	4435.52	-304.07	138.20	-304.07	334.00	155.56	2.16
4455.00	1.43	123.95	4436.52	-304.08	138.22	-304.08	334.02	155.56	2.16
4456.00	1.42	123.24	4437.52	-304.10	138.24	-304.10	334.04	155.55	1.77
4457.00	1.42	122.51	4438.51	-304.11	138.26	-304.11	334.06	155.55	1.81

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4458.00	1.42	121.62	4439.51	-304.12	138.28	-304.12	334.08	155.55	2.22
4459.00	1.42	120.73	4440.51	-304.14	138.30	-304.14	334.10	155.55	2.22
4460.00	1.43	120.01	4441.51	-304.15	138.32	-304.15	334.12	155.54	1.83
4461.00	1.43	119.28	4442.51	-304.16	138.34	-304.16	334.14	155.54	1.83
4462.00	1.43	118.67	4443.51	-304.17	138.37	-304.17	334.16	155.54	1.56
4463.00	1.43	118.08	4444.51	-304.18	138.39	-304.18	334.18	155.54	1.50
4464.00	1.44	117.50	4445.51	-304.20	138.41	-304.20	334.20	155.53	1.57
4465.00	1.45	116.93	4446.51	-304.21	138.43	-304.21	334.22	155.53	1.65
4466.00	1.46	116.64	4447.51	-304.22	138.46	-304.22	334.24	155.53	1.14
4467.00	1.47	116.53	4448.51	-304.23	138.48	-304.23	334.26	155.53	0.95
4468.00	1.48	116.45	4449.51	-304.24	138.50	-304.24	334.28	155.52	0.99
4469.00	1.49	116.38	4450.51	-304.25	138.52	-304.25	334.30	155.52	1.01
4470.00	1.50	116.56	4451.51	-304.26	138.55	-304.26	334.32	155.52	1.37
4471.00	1.51	116.90	4452.51	-304.28	138.57	-304.28	334.34	155.51	1.74
4472.00	1.51	117.00	4453.51	-304.29	138.60	-304.29	334.37	155.51	0.29
4473.00	1.52	117.11	4454.51	-304.30	138.62	-304.30	334.39	155.51	0.29
4474.00	1.52	117.21	4455.51	-304.31	138.64	-304.31	334.41	155.51	0.29
4475.00	1.52	117.31	4456.51	-304.32	138.67	-304.32	334.43	155.50	0.29
4476.00	1.52	117.42	4457.51	-304.34	138.69	-304.34	334.45	155.50	0.29
4477.00	1.52	117.52	4458.51	-304.35	138.71	-304.35	334.47	155.50	0.29
4478.00	1.52	117.62	4459.51	-304.36	138.74	-304.36	334.49	155.50	0.29
4479.00	1.52	117.73	4460.51	-304.37	138.76	-304.37	334.51	155.49	0.29
4480.00	1.52	117.83	4461.51	-304.39	138.78	-304.39	334.53	155.49	0.29
4481.00	1.52	117.93	4462.51	-304.40	138.81	-304.40	334.55	155.49	0.29
4482.00	1.52	118.04	4463.51	-304.41	138.83	-304.41	334.57	155.48	0.29
4483.00	1.52	118.14	4464.51	-304.42	138.85	-304.42	334.60	155.48	0.29
4484.00	1.53	118.25	4465.51	-304.44	138.88	-304.44	334.62	155.48	0.29
4485.00	1.53	118.35	4466.51	-304.45	138.90	-304.45	334.64	155.48	0.29
4486.00	1.53	118.45	4467.51	-304.46	138.92	-304.46	334.66	155.47	0.29
4487.00	1.53	118.56	4468.50	-304.47	138.95	-304.47	334.68	155.47	0.29
4488.00	1.53	118.66	4469.50	-304.49	138.97	-304.49	334.70	155.47	0.29
4489.00	1.53	118.76	4470.50	-304.50	138.99	-304.50	334.72	155.46	0.29
4490.00	1.53	118.87	4471.50	-304.51	139.02	-304.51	334.74	155.46	0.29
4491.00	1.53	118.97	4472.50	-304.53	139.04	-304.53	334.77	155.46	0.29
4492.00	1.53	119.07	4473.50	-304.54	139.06	-304.54	334.79	155.46	0.29
4493.00	1.53	119.18	4474.50	-304.55	139.09	-304.55	334.81	155.45	0.29
4494.00	1.54	119.28	4475.50	-304.56	139.11	-304.56	334.83	155.45	0.29
4495.00	1.54	119.38	4476.50	-304.58	139.13	-304.58	334.85	155.45	0.29
4496.00	1.54	119.33	4477.50	-304.59	139.16	-304.59	334.87	155.45	0.33
4497.00	1.54	119.17	4478.50	-304.60	139.18	-304.60	334.90	155.44	0.60

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4498.00	1.55	119.02	4479.50	-304.62	139.21	-304.62	334.92	155.44	0.60
4499.00	1.55	118.86	4480.50	-304.63	139.23	-304.63	334.94	155.44	0.60
4500.00	1.56	118.70	4481.50	-304.64	139.25	-304.64	334.96	155.43	0.60
4501.00	1.56	118.51	4482.50	-304.66	139.28	-304.66	334.98	155.43	1.03
4502.00	1.58	118.30	4483.50	-304.67	139.30	-304.67	335.00	155.43	1.33
4503.00	1.59	118.13	4484.50	-304.68	139.32	-304.68	335.03	155.43	1.13
4504.00	1.60	118.06	4485.50	-304.70	139.35	-304.70	335.05	155.42	0.85
4505.00	1.61	118.00	4486.50	-304.71	139.37	-304.71	335.07	155.42	1.08
4506.00	1.62	117.96	4487.50	-304.72	139.40	-304.72	335.09	155.42	1.31
4507.00	1.63	117.80	4488.50	-304.73	139.42	-304.73	335.12	155.41	1.28
4508.00	1.64	117.56	4489.50	-304.75	139.45	-304.75	335.14	155.41	1.32
4509.00	1.65	117.41	4490.50	-304.76	139.47	-304.76	335.16	155.41	0.80
4510.00	1.65	117.28	4491.50	-304.77	139.50	-304.77	335.18	155.41	0.58
4511.00	1.66	117.17	4492.50	-304.79	139.53	-304.79	335.21	155.40	0.76
4512.00	1.67	117.06	4493.50	-304.80	139.55	-304.80	335.23	155.40	0.85
4513.00	1.68	116.91	4494.49	-304.81	139.58	-304.81	335.25	155.40	0.80
4514.00	1.68	116.73	4495.49	-304.83	139.60	-304.83	335.27	155.39	0.77
4515.00	1.69	116.55	4496.49	-304.84	139.63	-304.84	335.30	155.39	0.76
4516.00	1.69	116.39	4497.49	-304.85	139.66	-304.85	335.32	155.39	0.74
4517.00	1.70	116.26	4498.49	-304.87	139.68	-304.87	335.34	155.38	0.68
4518.00	1.70	116.22	4499.49	-304.88	139.71	-304.88	335.37	155.38	0.50
4519.00	1.71	116.22	4500.49	-304.89	139.74	-304.89	335.39	155.38	0.39
4520.00	1.71	116.29	4501.49	-304.91	139.76	-304.91	335.41	155.37	0.28
4521.00	1.71	116.36	4502.49	-304.92	139.79	-304.92	335.44	155.37	0.30
4522.00	1.71	116.41	4503.49	-304.93	139.82	-304.93	335.46	155.37	0.44
4523.00	1.72	116.46	4504.49	-304.95	139.84	-304.95	335.48	155.36	0.44
4524.00	1.72	116.62	4505.49	-304.96	139.87	-304.96	335.51	155.36	0.51
4525.00	1.72	116.79	4506.49	-304.97	139.90	-304.97	335.53	155.36	0.51
4526.00	1.72	117.00	4507.49	-304.99	139.92	-304.99	335.55	155.35	0.77
4527.00	1.73	117.23	4508.49	-305.00	139.95	-305.00	335.58	155.35	0.84
4528.00	1.73	117.41	4509.49	-305.01	139.98	-305.01	335.60	155.35	0.54
4529.00	1.73	117.56	4510.49	-305.03	140.00	-305.03	335.62	155.35	0.47
4530.00	1.73	117.67	4511.49	-305.04	140.03	-305.04	335.65	155.34	0.35
4531.00	1.73	117.77	4512.49	-305.06	140.06	-305.06	335.67	155.34	0.34
4532.00	1.74	117.92	4513.49	-305.07	140.08	-305.07	335.70	155.34	0.58
4533.00	1.74	118.08	4514.49	-305.08	140.11	-305.08	335.72	155.33	0.70
4534.00	1.74	118.21	4515.49	-305.10	140.14	-305.10	335.74	155.33	0.45
4535.00	1.74	118.32	4516.49	-305.11	140.17	-305.11	335.77	155.33	0.35
4536.00	1.74	118.33	4517.48	-305.13	140.19	-305.13	335.79	155.32	0.04
4537.00	1.74	118.18	4518.48	-305.14	140.22	-305.14	335.82	155.32	0.46

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4538.00	1.75	118.05	4519.48	-305.16	140.25	-305.16	335.84	155.32	0.44
4539.00	1.75	117.97	4520.48	-305.17	140.27	-305.17	335.87	155.31	0.51
4540.00	1.75	117.95	4521.48	-305.19	140.30	-305.19	335.89	155.31	0.39
4541.00	1.76	118.00	4522.48	-305.20	140.33	-305.20	335.91	155.31	0.33
4542.00	1.76	117.96	4523.48	-305.21	140.35	-305.21	335.94	155.30	0.42
4543.00	1.77	117.80	4524.48	-305.23	140.38	-305.23	335.96	155.30	0.69
4544.00	1.77	117.66	4525.48	-305.24	140.41	-305.24	335.99	155.30	0.68
4545.00	1.78	117.53	4526.48	-305.26	140.44	-305.26	336.01	155.29	0.55
4546.00	1.78	117.41	4527.48	-305.27	140.46	-305.27	336.04	155.29	0.55
4547.00	1.78	117.35	4528.48	-305.29	140.49	-305.29	336.06	155.29	0.35
4548.00	1.79	117.30	4529.48	-305.30	140.52	-305.30	336.09	155.29	0.35
4549.00	1.79	117.19	4530.48	-305.31	140.55	-305.31	336.11	155.28	0.43
4550.00	1.79	117.07	4531.48	-305.33	140.57	-305.33	336.13	155.28	0.47
4551.00	1.79	116.87	4532.48	-305.34	140.60	-305.34	336.16	155.28	0.72
4552.00	1.80	116.70	4533.48	-305.36	140.63	-305.36	336.18	155.27	0.64
4553.00	1.80	116.61	4534.48	-305.37	140.66	-305.37	336.21	155.27	0.32
4554.00	1.80	116.52	4535.48	-305.39	140.69	-305.39	336.23	155.27	0.29
4555.00	1.80	116.48	4536.48	-305.40	140.71	-305.40	336.26	155.26	0.22
4556.00	1.80	116.44	4537.47	-305.41	140.74	-305.41	336.28	155.26	0.22
4557.00	1.81	116.36	4538.47	-305.43	140.77	-305.43	336.31	155.26	0.29
4558.00	1.81	116.29	4539.47	-305.44	140.80	-305.44	336.33	155.25	0.29
4559.00	1.81	116.29	4540.47	-305.46	140.83	-305.46	336.36	155.25	0.34
4560.00	1.82	116.38	4541.47	-305.47	140.86	-305.47	336.38	155.25	0.60
4561.00	1.82	116.58	4542.47	-305.48	140.88	-305.48	336.41	155.24	0.71
4562.00	1.82	116.86	4543.47	-305.50	140.91	-305.50	336.43	155.24	0.88
4563.00	1.82	117.05	4544.47	-305.51	140.94	-305.51	336.45	155.23	0.62
4564.00	1.82	117.20	4545.47	-305.53	140.97	-305.53	336.48	155.23	0.51
4565.00	1.82	117.36	4546.47	-305.54	141.00	-305.54	336.50	155.23	0.52
4566.00	1.82	117.55	4547.47	-305.56	141.03	-305.56	336.53	155.22	0.80
4567.00	1.81	117.75	4548.47	-305.57	141.05	-305.57	336.56	155.22	0.80
4568.00	1.82	118.05	4549.47	-305.59	141.08	-305.59	336.58	155.22	1.36
4569.00	1.83	118.29	4550.47	-305.60	141.11	-305.60	336.61	155.22	0.87
4570.00	1.83	118.47	4551.47	-305.62	141.14	-305.62	336.63	155.21	0.60
4571.00	1.83	118.66	4552.47	-305.63	141.17	-305.63	336.66	155.21	0.60
4572.00	1.82	118.84	4553.47	-305.65	141.19	-305.65	336.68	155.21	0.59
4573.00	1.82	119.03	4554.47	-305.66	141.22	-305.66	336.71	155.20	0.59
4574.00	1.83	119.23	4555.47	-305.68	141.25	-305.68	336.73	155.20	0.65
4575.00	1.83	119.39	4556.47	-305.69	141.28	-305.69	336.76	155.20	0.54
4576.00	1.83	119.49	4557.46	-305.71	141.30	-305.71	336.79	155.19	0.41
4577.00	1.83	119.58	4558.46	-305.72	141.33	-305.72	336.81	155.19	0.35

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4578.00	1.83	119.62	4559.46	-305.74	141.36	-305.74	336.84	155.19	0.13
4579.00	1.83	119.66	4560.46	-305.76	141.39	-305.76	336.86	155.18	0.13
4580.00	1.83	119.73	4561.46	-305.77	141.42	-305.77	336.89	155.18	0.25
4581.00	1.83	119.81	4562.46	-305.79	141.44	-305.79	336.92	155.18	0.31
4582.00	1.83	119.85	4563.46	-305.80	141.47	-305.80	336.94	155.17	0.23
4583.00	1.83	119.90	4564.46	-305.82	141.50	-305.82	336.97	155.17	0.22
4584.00	1.82	119.98	4565.46	-305.84	141.53	-305.84	336.99	155.17	0.30
4585.00	1.82	120.09	4566.46	-305.85	141.55	-305.85	337.02	155.16	0.35
4586.00	1.82	120.12	4567.46	-305.87	141.58	-305.87	337.05	155.16	0.09
4587.00	1.82	120.07	4568.46	-305.88	141.61	-305.88	337.07	155.16	0.16
4588.00	1.83	120.03	4569.46	-305.90	141.64	-305.90	337.10	155.15	0.21
4589.00	1.83	120.04	4570.46	-305.91	141.66	-305.91	337.12	155.15	0.58
4590.00	1.83	120.04	4571.46	-305.93	141.69	-305.93	337.15	155.15	0.12
4591.00	1.83	120.06	4572.46	-305.95	141.72	-305.95	337.18	155.15	0.58
4592.00	1.82	120.06	4573.46	-305.96	141.75	-305.96	337.20	155.14	0.27
4593.00	1.82	120.06	4574.46	-305.98	141.77	-305.98	337.23	155.14	0.05
4594.00	1.83	120.03	4575.46	-305.99	141.80	-305.99	337.25	155.14	0.11
4595.00	1.83	119.94	4576.46	-306.01	141.83	-306.01	337.28	155.13	0.29
4596.00	1.83	119.85	4577.45	-306.03	141.86	-306.03	337.31	155.13	0.27
4597.00	1.83	119.79	4578.45	-306.04	141.89	-306.04	337.33	155.13	0.22
4598.00	1.83	119.72	4579.45	-306.06	141.91	-306.06	337.36	155.12	0.22
4599.00	1.82	119.72	4580.45	-306.07	141.94	-306.07	337.38	155.12	0.42
4600.00	1.82	119.69	4581.45	-306.09	141.97	-306.09	337.41	155.12	0.38
4601.00	1.81	119.61	4582.45	-306.11	142.00	-306.11	337.44	155.11	0.37
4602.00	1.81	119.49	4583.45	-306.12	142.02	-306.12	337.46	155.11	0.46
4603.00	1.81	119.29	4584.45	-306.14	142.05	-306.14	337.49	155.11	0.70
4604.00	1.81	119.15	4585.45	-306.15	142.08	-306.15	337.51	155.11	0.46
4605.00	1.81	119.12	4586.45	-306.17	142.11	-306.17	337.54	155.10	0.11
4606.00	1.81	119.05	4587.45	-306.18	142.13	-306.18	337.56	155.10	0.22
4607.00	1.80	118.93	4588.45	-306.20	142.16	-306.20	337.59	155.10	0.51
4608.00	1.80	118.81	4589.45	-306.21	142.19	-306.21	337.62	155.09	0.53
4609.00	1.79	118.68	4590.45	-306.23	142.22	-306.23	337.64	155.09	0.71
4610.00	1.79	118.55	4591.45	-306.24	142.24	-306.24	337.67	155.09	0.71
4611.00	1.78	118.56	4592.45	-306.26	142.27	-306.26	337.69	155.08	0.41
4612.00	1.78	118.58	4593.45	-306.27	142.30	-306.27	337.72	155.08	0.41
4613.00	1.77	118.64	4594.45	-306.29	142.33	-306.29	337.74	155.08	0.89
4614.00	1.76	118.70	4595.45	-306.30	142.35	-306.30	337.77	155.07	0.87
4615.00	1.76	118.78	4596.45	-306.32	142.38	-306.32	337.79	155.07	0.67
4616.00	1.75	118.86	4597.44	-306.33	142.41	-306.33	337.81	155.07	0.67
4617.00	1.74	118.85	4598.44	-306.35	142.43	-306.35	337.84	155.06	0.61

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4618.00	1.74	118.85	4599.44	-306.36	142.46	-306.36	337.86	155.06	0.61
4619.00	1.73	118.93	4600.44	-306.38	142.49	-306.38	337.89	155.06	0.79
4620.00	1.72	119.04	4601.44	-306.39	142.51	-306.39	337.91	155.06	0.84
4621.00	1.71	119.18	4602.44	-306.41	142.54	-306.41	337.94	155.05	1.03
4622.00	1.70	119.34	4603.44	-306.42	142.56	-306.42	337.96	155.05	1.10
4623.00	1.69	119.43	4604.44	-306.43	142.59	-306.43	337.99	155.05	1.09
4624.00	1.68	119.48	4605.44	-306.45	142.62	-306.45	338.01	155.04	1.10
4625.00	1.67	119.59	4606.44	-306.46	142.64	-306.46	338.03	155.04	1.15
4626.00	1.66	119.72	4607.44	-306.48	142.67	-306.48	338.06	155.04	1.18
4627.00	1.65	119.85	4608.44	-306.49	142.69	-306.49	338.08	155.03	1.34
4628.00	1.63	119.98	4609.44	-306.51	142.72	-306.51	338.10	155.03	1.44
4629.00	1.62	120.12	4610.44	-306.52	142.74	-306.52	338.13	155.03	1.36
4630.00	1.61	120.25	4611.44	-306.53	142.77	-306.53	338.15	155.03	1.24
4631.00	1.59	120.42	4612.44	-306.55	142.79	-306.55	338.17	155.02	1.42
4632.00	1.58	120.68	4613.44	-306.56	142.81	-306.56	338.20	155.02	1.93
4633.00	1.58	120.67	4614.44	-306.58	142.84	-306.58	338.22	155.02	0.08
4634.00	1.58	120.66	4615.44	-306.59	142.86	-306.59	338.24	155.02	0.08
4635.00	1.57	120.65	4616.44	-306.60	142.88	-306.60	338.26	155.01	0.08
4636.00	1.57	120.64	4617.44	-306.62	142.91	-306.62	338.29	155.01	0.08
4637.00	1.57	120.63	4618.44	-306.63	142.93	-306.63	338.31	155.01	0.08
4638.00	1.57	120.63	4619.44	-306.65	142.96	-306.65	338.33	155.01	0.08
4639.00	1.57	120.62	4620.44	-306.66	142.98	-306.66	338.35	155.00	0.08
4640.00	1.57	120.61	4621.43	-306.67	143.00	-306.67	338.38	155.00	0.08
4641.00	1.57	120.60	4622.43	-306.69	143.03	-306.69	338.40	155.00	0.08
4642.00	1.57	120.59	4623.43	-306.70	143.05	-306.70	338.42	155.00	0.08
4643.00	1.57	120.58	4624.43	-306.72	143.07	-306.72	338.44	154.99	0.08
4644.00	1.57	120.57	4625.43	-306.73	143.10	-306.73	338.47	154.99	0.08
4645.00	1.57	120.56	4626.43	-306.74	143.12	-306.74	338.49	154.99	0.08
4646.00	1.57	120.55	4627.43	-306.76	143.14	-306.76	338.51	154.98	0.08
4647.00	1.57	120.54	4628.43	-306.77	143.17	-306.77	338.54	154.98	0.08
4648.00	1.57	120.54	4629.43	-306.79	143.19	-306.79	338.56	154.98	0.08
4649.00	1.56	120.53	4630.43	-306.80	143.21	-306.80	338.58	154.98	0.08
4650.00	1.56	120.52	4631.43	-306.81	143.24	-306.81	338.60	154.97	0.08
4651.00	1.56	120.51	4632.43	-306.83	143.26	-306.83	338.63	154.97	0.08
4652.00	1.56	120.50	4633.43	-306.84	143.28	-306.84	338.65	154.97	0.08
4653.00	1.56	120.49	4634.43	-306.86	143.31	-306.86	338.67	154.97	0.08
4654.00	1.56	120.48	4635.43	-306.87	143.33	-306.87	338.69	154.96	0.08
4655.00	1.56	120.47	4636.43	-306.88	143.36	-306.88	338.72	154.96	0.08
4656.00	1.56	120.46	4637.43	-306.90	143.38	-306.90	338.74	154.96	0.08
4657.00	1.56	120.46	4638.43	-306.91	143.40	-306.91	338.76	154.96	0.08

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4658.00	1.56	120.45	4639.43	-306.92	143.43	-306.92	338.78	154.95	0.08
4659.00	1.56	120.44	4640.43	-306.94	143.45	-306.94	338.80	154.95	0.08
4660.00	1.56	120.43	4641.43	-306.95	143.47	-306.95	338.83	154.95	0.08
4661.00	1.56	120.42	4642.43	-306.97	143.50	-306.97	338.85	154.95	0.08
4662.00	1.55	120.47	4643.43	-306.98	143.52	-306.98	338.87	154.94	0.37
4663.00	1.55	120.58	4644.43	-306.99	143.54	-306.99	338.89	154.94	0.67
4664.00	1.54	120.68	4645.43	-307.01	143.57	-307.01	338.92	154.94	0.67
4665.00	1.53	120.79	4646.43	-307.02	143.59	-307.02	338.94	154.94	0.67
4666.00	1.53	120.88	4647.43	-307.03	143.61	-307.03	338.96	154.93	0.72
4667.00	1.51	120.88	4648.42	-307.05	143.63	-307.05	338.98	154.93	1.29
4668.00	1.50	120.87	4649.42	-307.06	143.66	-307.06	339.00	154.93	1.29
4669.00	1.49	120.86	4650.42	-307.07	143.68	-307.07	339.03	154.93	1.13
4670.00	1.48	120.84	4651.42	-307.09	143.70	-307.09	339.05	154.92	1.13
4671.00	1.46	120.64	4652.42	-307.10	143.72	-307.10	339.07	154.92	1.67
4672.00	1.45	120.42	4653.42	-307.11	143.75	-307.11	339.09	154.92	1.63
4673.00	1.44	120.14	4654.42	-307.13	143.77	-307.13	339.11	154.92	1.38
4674.00	1.42	119.88	4655.42	-307.14	143.79	-307.14	339.13	154.91	1.34
4675.00	1.41	119.83	4656.42	-307.15	143.81	-307.15	339.15	154.91	1.12
4676.00	1.40	119.77	4657.42	-307.16	143.83	-307.16	339.17	154.91	1.12
4677.00	1.39	119.79	4658.42	-307.18	143.85	-307.18	339.19	154.91	1.04
4678.00	1.38	119.82	4659.42	-307.19	143.87	-307.19	339.21	154.90	1.03
4679.00	1.37	119.98	4660.42	-307.20	143.89	-307.20	339.23	154.90	1.44
4680.00	1.35	120.14	4661.42	-307.21	143.92	-307.21	339.25	154.90	1.47
4681.00	1.34	120.19	4662.42	-307.22	143.94	-307.22	339.27	154.90	1.20
4682.00	1.33	120.25	4663.42	-307.24	143.96	-307.24	339.29	154.89	1.20
4683.00	1.32	120.46	4664.42	-307.25	143.98	-307.25	339.31	154.89	1.29
4684.00	1.31	120.68	4665.42	-307.26	144.00	-307.26	339.33	154.89	1.28
4685.00	1.29	120.84	4666.42	-307.27	144.02	-307.27	339.35	154.89	1.65
4686.00	1.27	120.98	4667.42	-307.28	144.03	-307.28	339.36	154.89	1.69
4687.00	1.26	120.75	4668.42	-307.29	144.05	-307.29	339.38	154.88	1.51
4688.00	1.24	120.55	4669.42	-307.30	144.07	-307.30	339.40	154.88	1.45
4689.00	1.24	120.61	4670.42	-307.32	144.09	-307.32	339.42	154.88	0.99
4690.00	1.23	120.67	4671.42	-307.33	144.11	-307.33	339.44	154.88	0.99
4691.00	1.21	120.67	4672.42	-307.34	144.13	-307.34	339.45	154.88	1.36
4692.00	1.20	120.68	4673.42	-307.35	144.15	-307.35	339.47	154.87	1.36
4693.00	1.19	120.73	4674.42	-307.36	144.16	-307.36	339.49	154.87	1.16
4694.00	1.18	120.79	4675.42	-307.37	144.18	-307.37	339.51	154.87	1.11
4695.00	1.17	121.00	4676.42	-307.38	144.20	-307.38	339.52	154.87	0.98
4696.00	1.16	121.27	4677.42	-307.39	144.22	-307.39	339.54	154.87	0.96
4697.00	1.15	121.51	4678.42	-307.40	144.23	-307.40	339.56	154.86	1.05

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4698.00	1.14	121.73	4679.42	-307.41	144.25	-307.41	339.57	154.86	1.09
4699.00	1.13	121.80	4680.42	-307.42	144.27	-307.42	339.59	154.86	0.81
4700.00	1.12	121.83	4681.42	-307.43	144.28	-307.43	339.61	154.86	0.75
4701.00	1.12	121.66	4682.42	-307.44	144.30	-307.44	339.62	154.86	0.71
4702.00	1.11	121.44	4683.42	-307.45	144.32	-307.45	339.64	154.85	0.73
4703.00	1.11	121.23	4684.42	-307.46	144.33	-307.46	339.65	154.85	0.56
4704.00	1.11	121.04	4685.42	-307.47	144.35	-307.47	339.67	154.85	0.46
4705.00	1.10	120.83	4686.42	-307.48	144.37	-307.48	339.69	154.85	0.55
4706.00	1.10	120.60	4687.42	-307.49	144.38	-307.49	339.70	154.85	0.65
4707.00	1.09	120.34	4688.41	-307.50	144.40	-307.50	339.72	154.85	0.66
4708.00	1.09	120.01	4689.41	-307.51	144.42	-307.51	339.73	154.84	0.72
4709.00	1.09	119.71	4690.41	-307.52	144.43	-307.52	339.75	154.84	0.65
4710.00	1.08	119.44	4691.41	-307.53	144.45	-307.53	339.76	154.84	0.58
4711.00	1.08	119.36	4692.41	-307.54	144.47	-307.54	339.78	154.84	0.30
4712.00	1.08	119.40	4693.41	-307.55	144.48	-307.55	339.80	154.84	0.25
4713.00	1.08	119.39	4694.41	-307.56	144.50	-307.56	339.81	154.83	0.23
4714.00	1.07	119.33	4695.41	-307.57	144.51	-307.57	339.83	154.83	0.25
4715.00	1.07	119.26	4696.41	-307.58	144.53	-307.58	339.84	154.83	0.18
4716.00	1.07	119.19	4697.41	-307.58	144.55	-307.58	339.86	154.83	0.14
4717.00	1.07	119.13	4698.41	-307.59	144.56	-307.59	339.87	154.83	0.12
4718.00	1.07	119.12	4699.41	-307.60	144.58	-307.60	339.89	154.83	0.45
4719.00	1.06	119.12	4700.41	-307.61	144.60	-307.61	339.90	154.82	0.43
4720.00	1.06	119.18	4701.41	-307.62	144.61	-307.62	339.92	154.82	0.35
4721.00	1.06	119.26	4702.41	-307.63	144.63	-307.63	339.93	154.82	0.31
4722.00	1.06	119.42	4703.41	-307.64	144.64	-307.64	339.95	154.82	0.31
4723.00	1.06	119.53	4704.41	-307.65	144.66	-307.65	339.96	154.82	0.26
4724.00	1.05	119.47	4705.41	-307.66	144.68	-307.66	339.98	154.81	0.36
4725.00	1.05	119.41	4706.41	-307.67	144.69	-307.67	339.99	154.81	0.37
4726.00	1.04	119.36	4707.41	-307.68	144.71	-307.68	340.01	154.81	0.50
4727.00	1.04	119.31	4708.41	-307.68	144.72	-307.68	340.02	154.81	0.50
4728.00	1.04	119.30	4709.41	-307.69	144.74	-307.69	340.04	154.81	0.23
4729.00	1.03	119.31	4710.41	-307.70	144.76	-307.70	340.05	154.81	0.21
4730.00	1.03	119.37	4711.41	-307.71	144.77	-307.71	340.07	154.80	0.21
4731.00	1.03	119.46	4712.41	-307.72	144.79	-307.72	340.08	154.80	0.23
4732.00	1.03	119.36	4713.41	-307.73	144.80	-307.73	340.10	154.80	0.20
4733.00	1.03	119.23	4714.41	-307.74	144.82	-307.74	340.11	154.80	0.23
4734.00	1.03	119.04	4715.41	-307.75	144.83	-307.75	340.12	154.80	0.37
4735.00	1.03	118.84	4716.41	-307.75	144.85	-307.75	340.14	154.80	0.39
4736.00	1.03	118.78	4717.41	-307.76	144.87	-307.76	340.15	154.79	0.15
4737.00	1.02	118.75	4718.41	-307.77	144.88	-307.77	340.17	154.79	0.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4738.00	1.02	118.57	4719.41	-307.78	144.90	-307.78	340.18	154.79	0.37
4739.00	1.02	118.38	4720.41	-307.79	144.91	-307.79	340.20	154.79	0.37
4740.00	1.02	118.13	4721.41	-307.80	144.93	-307.80	340.21	154.79	0.46
4741.00	1.02	117.80	4722.41	-307.81	144.94	-307.81	340.23	154.78	0.59
4742.00	1.02	117.54	4723.41	-307.81	144.96	-307.81	340.24	154.78	0.53
4743.00	1.03	117.33	4724.41	-307.82	144.98	-307.82	340.25	154.78	0.56
4744.00	1.03	117.07	4725.41	-307.83	144.99	-307.83	340.27	154.78	0.48
4745.00	1.02	116.78	4726.41	-307.84	145.01	-307.84	340.28	154.78	0.60
4746.00	1.02	116.55	4727.41	-307.85	145.02	-307.85	340.30	154.78	0.42
4747.00	1.02	116.36	4728.41	-307.85	145.04	-307.85	340.31	154.77	0.35
4748.00	1.03	116.18	4729.41	-307.86	145.06	-307.86	340.32	154.77	0.38
4749.00	1.03	116.02	4730.41	-307.87	145.07	-307.87	340.34	154.77	0.45
4750.00	1.03	115.92	4731.41	-307.88	145.09	-307.88	340.35	154.77	0.35
4751.00	1.03	115.98	4732.41	-307.89	145.10	-307.89	340.37	154.77	0.24
4752.00	1.03	115.96	4733.41	-307.89	145.12	-307.89	340.38	154.76	0.05
4753.00	1.03	115.91	4734.41	-307.90	145.14	-307.90	340.39	154.76	0.16
4754.00	1.03	115.74	4735.41	-307.91	145.15	-307.91	340.41	154.76	0.31
4755.00	1.03	115.40	4736.41	-307.92	145.17	-307.92	340.42	154.76	0.61
4756.00	1.03	115.15	4737.41	-307.93	145.19	-307.93	340.44	154.76	0.45
4757.00	1.03	115.04	4738.41	-307.93	145.20	-307.93	340.45	154.75	0.21
4758.00	1.03	114.93	4739.41	-307.94	145.22	-307.94	340.46	154.75	0.21
4759.00	1.03	114.81	4740.41	-307.95	145.23	-307.95	340.48	154.75	0.21
4760.00	1.03	114.83	4741.41	-307.96	145.25	-307.96	340.49	154.75	0.05
4761.00	1.03	114.96	4742.41	-307.96	145.27	-307.96	340.51	154.75	0.22
4762.00	1.03	115.03	4743.41	-307.97	145.28	-307.97	340.52	154.74	0.15
4763.00	1.03	115.07	4744.41	-307.98	145.30	-307.98	340.53	154.74	0.09
4764.00	1.03	115.10	4745.41	-307.99	145.32	-307.99	340.55	154.74	0.14
4765.00	1.03	115.11	4746.41	-307.99	145.33	-307.99	340.56	154.74	0.28
4766.00	1.03	115.15	4747.41	-308.00	145.35	-308.00	340.57	154.74	0.14
4767.00	1.03	115.30	4748.41	-308.01	145.36	-308.01	340.59	154.74	0.59
4768.00	1.04	115.45	4749.40	-308.02	145.38	-308.02	340.60	154.73	0.59
4769.00	1.04	115.64	4750.40	-308.02	145.40	-308.02	340.62	154.73	0.36
4770.00	1.04	115.76	4751.40	-308.03	145.41	-308.03	340.63	154.73	0.23
4771.00	1.03	115.71	4752.40	-308.04	145.43	-308.04	340.64	154.73	0.36
4772.00	1.03	115.67	4753.40	-308.05	145.45	-308.05	340.66	154.73	0.27
4773.00	1.03	115.67	4754.40	-308.06	145.46	-308.06	340.67	154.72	0.07
4774.00	1.03	115.67	4755.40	-308.06	145.48	-308.06	340.69	154.72	0.07
4775.00	1.04	115.57	4756.40	-308.07	145.49	-308.07	340.70	154.72	0.37
4776.00	1.04	115.46	4757.40	-308.08	145.51	-308.08	340.71	154.72	0.38
4777.00	1.04	115.49	4758.40	-308.09	145.53	-308.09	340.73	154.72	0.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4778.00	1.03	115.55	4759.40	-308.09	145.54	-308.09	340.74	154.71	0.36
4779.00	1.03	115.69	4760.40	-308.10	145.56	-308.10	340.76	154.71	0.27
4780.00	1.03	115.84	4761.40	-308.11	145.58	-308.11	340.77	154.71	0.28
4781.00	1.03	115.98	4762.40	-308.12	145.59	-308.12	340.78	154.71	0.26
4782.00	1.03	116.11	4763.40	-308.13	145.61	-308.13	340.80	154.71	0.26
4783.00	1.03	116.06	4764.40	-308.13	145.62	-308.13	340.81	154.70	0.16
4784.00	1.03	116.00	4765.40	-308.14	145.64	-308.14	340.83	154.70	0.20
4785.00	1.03	115.95	4766.40	-308.15	145.66	-308.15	340.84	154.70	0.36
4786.00	1.04	115.89	4767.40	-308.16	145.67	-308.16	340.85	154.70	0.42
4787.00	1.04	115.99	4768.40	-308.17	145.69	-308.17	340.87	154.70	0.19
4788.00	1.04	116.16	4769.40	-308.17	145.71	-308.17	340.88	154.69	0.31
4789.00	1.04	116.27	4770.40	-308.18	145.72	-308.18	340.90	154.69	0.32
4790.00	1.03	116.35	4771.40	-308.19	145.74	-308.19	340.91	154.69	0.36
4791.00	1.03	116.44	4772.40	-308.20	145.75	-308.20	340.93	154.69	0.17
4792.00	1.03	116.54	4773.40	-308.21	145.77	-308.21	340.94	154.69	0.18
4793.00	1.03	116.81	4774.40	-308.21	145.79	-308.21	340.95	154.69	0.49
4794.00	1.03	117.12	4775.40	-308.22	145.80	-308.22	340.97	154.68	0.57
4795.00	1.03	117.30	4776.40	-308.23	145.82	-308.23	340.98	154.68	0.34
4796.00	1.03	117.42	4777.40	-308.24	145.83	-308.24	341.00	154.68	0.24
4797.00	1.03	117.46	4778.40	-308.25	145.85	-308.25	341.01	154.68	0.23
4798.00	1.03	117.43	4779.40	-308.26	145.87	-308.26	341.03	154.68	0.32
4799.00	1.02	117.60	4780.40	-308.26	145.88	-308.26	341.04	154.67	0.32
4800.00	1.03	117.96	4781.40	-308.27	145.90	-308.27	341.05	154.67	0.65
4801.00	1.03	118.19	4782.40	-308.28	145.91	-308.28	341.07	154.67	0.41
4802.00	1.03	118.28	4783.40	-308.29	145.93	-308.29	341.08	154.67	0.17
4803.00	1.03	118.31	4784.40	-308.30	145.95	-308.30	341.10	154.67	0.05
4804.00	1.03	118.31	4785.40	-308.31	145.96	-308.31	341.11	154.67	0.02
4805.00	1.03	118.36	4786.40	-308.31	145.98	-308.31	341.13	154.66	0.16
4806.00	1.03	118.46	4787.40	-308.32	145.99	-308.32	341.14	154.66	0.29
4807.00	1.03	118.56	4788.40	-308.33	146.01	-308.33	341.15	154.66	0.20
4808.00	1.02	118.67	4789.40	-308.34	146.02	-308.34	341.17	154.66	0.61
4809.00	1.02	118.78	4790.40	-308.35	146.04	-308.35	341.18	154.66	0.47
4810.00	1.02	118.90	4791.40	-308.36	146.06	-308.36	341.20	154.66	0.27
4811.00	1.02	118.98	4792.40	-308.37	146.07	-308.37	341.21	154.65	0.19
4812.00	1.02	118.88	4793.40	-308.37	146.09	-308.37	341.23	154.65	0.17
4813.00	1.02	118.86	4794.40	-308.38	146.10	-308.38	341.24	154.65	0.05
4814.00	1.02	118.97	4795.40	-308.39	146.12	-308.39	341.26	154.65	0.21
4815.00	1.02	119.02	4796.40	-308.40	146.13	-308.40	341.27	154.65	0.10
4816.00	1.02	118.98	4797.40	-308.41	146.15	-308.41	341.29	154.64	0.25
4817.00	1.02	118.91	4798.40	-308.42	146.16	-308.42	341.30	154.64	0.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4818.00	1.02	118.72	4799.40	-308.43	146.18	-308.43	341.31	154.64	0.43
4819.00	1.02	118.64	4800.40	-308.43	146.20	-308.43	341.33	154.64	0.21
4820.00	1.02	118.63	4801.40	-308.44	146.21	-308.44	341.34	154.64	0.07
4821.00	1.02	118.55	4802.40	-308.45	146.23	-308.45	341.36	154.64	0.16
4822.00	1.02	118.40	4803.40	-308.46	146.24	-308.46	341.37	154.63	0.35
4823.00	1.02	118.26	4804.40	-308.47	146.26	-308.47	341.39	154.63	0.31
4824.00	1.02	118.17	4805.40	-308.48	146.27	-308.48	341.40	154.63	0.29
4825.00	1.02	118.09	4806.40	-308.49	146.29	-308.49	341.41	154.63	0.21
4826.00	1.02	118.05	4807.40	-308.49	146.31	-308.49	341.43	154.63	0.18
4827.00	1.02	118.02	4808.40	-308.50	146.32	-308.50	341.44	154.63	0.15
4828.00	1.02	118.06	4809.40	-308.51	146.34	-308.51	341.46	154.62	0.12
4829.00	1.02	118.04	4810.40	-308.52	146.35	-308.52	341.47	154.62	0.04
4830.00	1.02	117.97	4811.39	-308.53	146.37	-308.53	341.49	154.62	0.14
4831.00	1.02	117.89	4812.39	-308.54	146.38	-308.54	341.50	154.62	0.14
4832.00	1.02	117.72	4813.39	-308.54	146.40	-308.54	341.51	154.62	0.32
4833.00	1.02	117.53	4814.39	-308.55	146.42	-308.55	341.53	154.61	0.37
4834.00	1.02	117.49	4815.39	-308.56	146.43	-308.56	341.54	154.61	0.13
4835.00	1.02	117.50	4816.39	-308.57	146.45	-308.57	341.56	154.61	0.12
4836.00	1.03	117.74	4817.39	-308.58	146.46	-308.58	341.57	154.61	0.50
4837.00	1.03	117.99	4818.39	-308.59	146.48	-308.59	341.59	154.61	0.50
4838.00	1.03	118.38	4819.39	-308.59	146.50	-308.59	341.60	154.61	0.71
4839.00	1.02	118.72	4820.39	-308.60	146.51	-308.60	341.62	154.60	0.62
4840.00	1.02	118.87	4821.39	-308.61	146.53	-308.61	341.63	154.60	0.26
4841.00	1.02	119.01	4822.39	-308.62	146.54	-308.62	341.64	154.60	0.26
4842.00	1.03	119.20	4823.39	-308.63	146.56	-308.63	341.66	154.60	0.35
4843.00	1.03	119.42	4824.39	-308.64	146.57	-308.64	341.67	154.60	0.41
4844.00	1.03	119.67	4825.39	-308.65	146.59	-308.65	341.69	154.59	0.46
4845.00	1.03	119.93	4826.39	-308.65	146.60	-308.65	341.70	154.59	0.46
4846.00	1.03	120.14	4827.39	-308.66	146.62	-308.66	341.72	154.59	0.41
4847.00	1.03	120.32	4828.39	-308.67	146.64	-308.67	341.73	154.59	0.46
4848.00	1.03	120.48	4829.39	-308.68	146.65	-308.68	341.75	154.59	0.34
4849.00	1.02	120.62	4830.39	-308.69	146.67	-308.69	341.76	154.59	0.49
4850.00	1.02	120.82	4831.39	-308.70	146.68	-308.70	341.78	154.58	0.37
4851.00	1.02	121.03	4832.39	-308.71	146.70	-308.71	341.79	154.58	0.38
4852.00	1.02	121.12	4833.39	-308.72	146.71	-308.72	341.81	154.58	0.21
4853.00	1.03	121.21	4834.39	-308.73	146.73	-308.73	341.82	154.58	0.21
4854.00	1.02	121.34	4835.39	-308.74	146.74	-308.74	341.84	154.58	0.31
4855.00	1.02	121.49	4836.39	-308.75	146.76	-308.75	341.85	154.58	0.39
4856.00	1.02	121.70	4837.39	-308.76	146.77	-308.76	341.87	154.57	0.42
4857.00	1.02	121.95	4838.39	-308.77	146.79	-308.77	341.88	154.57	0.46

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4858.00	1.02	122.07	4839.39	-308.77	146.80	-308.77	341.90	154.57	0.22
4859.00	1.02	122.10	4840.39	-308.78	146.82	-308.78	341.91	154.57	0.06
4860.00	1.02	122.01	4841.39	-308.79	146.83	-308.79	341.93	154.57	0.20
4861.00	1.01	121.74	4842.39	-308.80	146.85	-308.80	341.94	154.57	0.56
4862.00	1.01	121.45	4843.39	-308.81	146.86	-308.81	341.96	154.57	0.51
4863.00	1.02	121.16	4844.39	-308.82	146.88	-308.82	341.97	154.56	0.54
4864.00	1.02	120.85	4845.39	-308.83	146.89	-308.83	341.99	154.56	0.55
4865.00	1.01	120.52	4846.39	-308.84	146.91	-308.84	342.00	154.56	0.59
4866.00	1.01	120.46	4847.39	-308.85	146.92	-308.85	342.01	154.56	0.18
4867.00	1.01	120.68	4848.39	-308.86	146.94	-308.86	342.03	154.56	0.44
4868.00	1.01	120.77	4849.39	-308.87	146.96	-308.87	342.04	154.56	0.21
4869.00	1.01	120.59	4850.39	-308.88	146.97	-308.88	342.06	154.55	0.33
4870.00	1.01	120.49	4851.39	-308.88	146.99	-308.88	342.07	154.55	0.19
4871.00	1.01	120.48	4852.39	-308.89	147.00	-308.89	342.09	154.55	0.12
4872.00	1.01	120.50	4853.39	-308.90	147.02	-308.90	342.10	154.55	0.11
4873.00	1.01	120.70	4854.39	-308.91	147.03	-308.91	342.12	154.55	0.35
4874.00	1.01	120.89	4855.39	-308.92	147.05	-308.92	342.13	154.55	0.35
4875.00	1.01	120.90	4856.39	-308.93	147.06	-308.93	342.15	154.54	0.03
4876.00	1.01	120.89	4857.39	-308.94	147.08	-308.94	342.16	154.54	0.05
4877.00	1.01	120.75	4858.39	-308.95	147.09	-308.95	342.18	154.54	0.24
4878.00	1.01	120.61	4859.39	-308.96	147.11	-308.96	342.19	154.54	0.26
4879.00	1.02	120.70	4860.39	-308.97	147.12	-308.97	342.21	154.54	0.55
4880.00	1.02	120.80	4861.39	-308.97	147.14	-308.97	342.22	154.54	0.55
4881.00	1.02	120.79	4862.39	-308.98	147.15	-308.98	342.23	154.53	0.30
4882.00	1.01	120.79	4863.39	-308.99	147.17	-308.99	342.25	154.53	0.30
4883.00	1.02	121.05	4864.39	-309.00	147.18	-309.00	342.26	154.53	0.78
4884.00	1.03	121.26	4865.39	-309.01	147.20	-309.01	342.28	154.53	0.61
4885.00	1.02	121.29	4866.39	-309.02	147.21	-309.02	342.29	154.53	0.11
4886.00	1.02	121.37	4867.39	-309.03	147.23	-309.03	342.31	154.53	0.17
4887.00	1.03	121.71	4868.39	-309.04	147.24	-309.04	342.32	154.52	0.62
4888.00	1.03	122.05	4869.39	-309.05	147.26	-309.05	342.34	154.52	0.62
4889.00	1.03	121.83	4870.39	-309.06	147.27	-309.06	342.35	154.52	0.52
4890.00	1.03	121.61	4871.39	-309.07	147.29	-309.07	342.37	154.52	0.52
4891.00	1.03	121.38	4872.39	-309.08	147.31	-309.08	342.38	154.52	0.44
4892.00	1.03	121.18	4873.39	-309.09	147.32	-309.09	342.40	154.52	0.40
4893.00	1.03	121.21	4874.38	-309.10	147.34	-309.10	342.41	154.51	0.25
4894.00	1.03	121.24	4875.38	-309.10	147.35	-309.10	342.43	154.51	0.25
4895.00	1.04	121.09	4876.38	-309.11	147.37	-309.11	342.44	154.51	0.36
4896.00	1.04	120.83	4877.38	-309.12	147.38	-309.12	342.46	154.51	0.54
4897.00	1.04	120.63	4878.38	-309.13	147.40	-309.13	342.48	154.51	0.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4898.00	1.04	120.50	4879.38	-309.14	147.41	-309.14	342.49	154.51	0.23
4899.00	1.04	120.32	4880.38	-309.15	147.43	-309.15	342.51	154.50	0.35
4900.00	1.05	120.08	4881.38	-309.16	147.45	-309.16	342.52	154.50	0.49
4901.00	1.05	119.89	4882.38	-309.17	147.46	-309.17	342.54	154.50	0.35
4902.00	1.04	119.72	4883.38	-309.18	147.48	-309.18	342.55	154.50	0.32
4903.00	1.05	119.65	4884.38	-309.19	147.49	-309.19	342.57	154.50	0.18
4904.00	1.05	119.65	4885.38	-309.20	147.51	-309.20	342.58	154.50	0.26
4905.00	1.05	119.60	4886.38	-309.21	147.52	-309.21	342.60	154.49	0.18
4906.00	1.04	119.54	4887.38	-309.21	147.54	-309.21	342.61	154.49	0.23
4907.00	1.04	119.47	4888.38	-309.22	147.56	-309.22	342.63	154.49	0.16
4908.00	1.05	119.34	4889.38	-309.23	147.57	-309.23	342.64	154.49	0.36
4909.00	1.05	119.32	4890.38	-309.24	147.59	-309.24	342.66	154.49	0.25
4910.00	1.05	119.56	4891.38	-309.25	147.60	-309.25	342.67	154.49	0.48
4911.00	1.05	119.76	4892.38	-309.26	147.62	-309.26	342.69	154.48	0.37
4912.00	1.05	119.91	4893.38	-309.27	147.64	-309.27	342.70	154.48	0.35
4913.00	1.05	120.05	4894.38	-309.28	147.65	-309.28	342.72	154.48	0.24
4914.00	1.05	120.16	4895.38	-309.29	147.67	-309.29	342.73	154.48	0.24
4915.00	1.05	120.33	4896.38	-309.30	147.68	-309.30	342.75	154.48	0.35
4916.00	1.05	120.58	4897.38	-309.31	147.70	-309.31	342.76	154.47	0.51
4917.00	1.05	120.85	4898.38	-309.31	147.72	-309.31	342.78	154.47	0.51
4918.00	1.05	121.18	4899.38	-309.32	147.73	-309.32	342.79	154.47	0.62
4919.00	1.05	121.38	4900.38	-309.33	147.75	-309.33	342.81	154.47	0.37
4920.00	1.05	121.53	4901.38	-309.34	147.76	-309.34	342.82	154.47	0.30
4921.00	1.05	121.71	4902.38	-309.35	147.78	-309.35	342.84	154.47	0.34
4922.00	1.05	121.91	4903.38	-309.36	147.79	-309.36	342.85	154.46	0.41
4923.00	1.05	122.15	4904.38	-309.37	147.81	-309.37	342.87	154.46	0.50
4924.00	1.05	122.45	4905.38	-309.38	147.82	-309.38	342.88	154.46	0.65
4925.00	1.05	122.63	4906.38	-309.39	147.84	-309.39	342.90	154.46	0.33
4926.00	1.05	122.72	4907.38	-309.40	147.86	-309.40	342.92	154.46	0.19
4927.00	1.05	122.74	4908.38	-309.41	147.87	-309.41	342.93	154.46	0.04
4928.00	1.05	122.73	4909.38	-309.42	147.89	-309.42	342.95	154.45	0.06
4929.00	1.05	122.70	4910.38	-309.43	147.90	-309.43	342.96	154.45	0.13
4930.00	1.04	122.66	4911.38	-309.44	147.92	-309.44	342.98	154.45	0.17
4931.00	1.04	122.65	4912.38	-309.45	147.93	-309.45	342.99	154.45	0.15
4932.00	1.04	122.71	4913.38	-309.46	147.95	-309.46	343.01	154.45	0.18
4933.00	1.04	122.66	4914.38	-309.47	147.96	-309.47	343.02	154.45	0.26
4934.00	1.03	122.38	4915.38	-309.48	147.98	-309.48	343.04	154.45	0.66
4935.00	1.03	122.16	4916.38	-309.49	147.99	-309.49	343.05	154.44	0.45
4936.00	1.04	122.05	4917.38	-309.50	148.01	-309.50	343.07	154.44	0.43
4937.00	1.04	121.99	4918.38	-309.51	148.02	-309.51	343.08	154.44	0.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4938.00	1.04	121.99	4919.38	-309.52	148.04	-309.52	343.10	154.44	0.15
4939.00	1.03	121.92	4920.38	-309.53	148.05	-309.53	343.12	154.44	0.20
4940.00	1.03	121.77	4921.38	-309.54	148.07	-309.54	343.13	154.44	0.32
4941.00	1.03	121.62	4922.38	-309.55	148.09	-309.55	343.15	154.43	0.32
4942.00	1.03	121.31	4923.38	-309.56	148.10	-309.56	343.16	154.43	0.58
4943.00	1.03	121.20	4924.38	-309.57	148.12	-309.57	343.18	154.43	0.28
4944.00	1.04	121.29	4925.38	-309.58	148.13	-309.58	343.19	154.43	0.23
4945.00	1.04	121.76	4926.38	-309.59	148.15	-309.59	343.21	154.43	0.89
4946.00	1.04	122.39	4927.38	-309.59	148.16	-309.59	343.22	154.43	1.18
4947.00	1.04	122.50	4928.38	-309.60	148.18	-309.60	343.24	154.42	0.25
4948.00	1.04	122.61	4929.38	-309.61	148.19	-309.61	343.25	154.42	0.23
4949.00	1.05	122.66	4930.38	-309.62	148.21	-309.62	343.27	154.42	0.15
4950.00	1.05	122.73	4931.38	-309.63	148.22	-309.63	343.28	154.42	0.50
4951.00	1.06	122.87	4932.38	-309.64	148.24	-309.64	343.30	154.42	0.60
4952.00	1.06	123.09	4933.38	-309.65	148.25	-309.65	343.32	154.42	0.58
4953.00	1.07	123.28	4934.37	-309.66	148.27	-309.66	343.33	154.41	0.95
4954.00	1.07	123.43	4935.37	-309.67	148.29	-309.67	343.35	154.41	0.44
4955.00	1.07	123.56	4936.37	-309.69	148.30	-309.69	343.36	154.41	0.34
4956.00	1.07	124.40	4937.37	-309.70	148.32	-309.70	343.38	154.41	1.61
4957.00	1.08	124.47	4938.37	-309.71	148.33	-309.71	343.40	154.41	1.08
4958.00	1.09	124.46	4939.37	-309.72	148.35	-309.72	343.41	154.41	0.52
4959.00	1.09	125.12	4940.37	-309.73	148.36	-309.73	343.43	154.40	1.29
4960.00	1.10	125.25	4941.37	-309.74	148.38	-309.74	343.45	154.40	0.88
4961.00	1.10	125.41	4942.37	-309.75	148.40	-309.75	343.46	154.40	0.36
4962.00	1.11	125.88	4943.37	-309.76	148.41	-309.76	343.48	154.40	1.16
4963.00	1.11	126.14	4944.37	-309.77	148.43	-309.77	343.50	154.40	0.56
4964.00	1.12	126.45	4945.37	-309.78	148.44	-309.78	343.51	154.40	0.93
4965.00	1.13	127.01	4946.37	-309.80	148.46	-309.80	343.53	154.40	1.26
4966.00	1.12	127.02	4947.37	-309.81	148.47	-309.81	343.55	154.39	0.40
4967.00	1.12	127.03	4948.37	-309.82	148.49	-309.82	343.57	154.39	0.03
4968.00	1.12	127.04	4949.37	-309.83	148.50	-309.83	343.58	154.39	0.03
4969.00	1.12	127.06	4950.37	-309.84	148.52	-309.84	343.60	154.39	0.03
4970.00	1.12	127.07	4951.37	-309.85	148.54	-309.85	343.62	154.39	0.03
4971.00	1.12	127.09	4952.37	-309.87	148.55	-309.87	343.64	154.39	0.03
4972.00	1.12	127.10	4953.37	-309.88	148.57	-309.88	343.65	154.39	0.03
4973.00	1.12	127.12	4954.37	-309.89	148.58	-309.89	343.67	154.38	0.03
4974.00	1.12	127.13	4955.37	-309.90	148.60	-309.90	343.69	154.38	0.03
4975.00	1.12	127.14	4956.37	-309.91	148.61	-309.91	343.70	154.38	0.03
4976.00	1.12	127.16	4957.37	-309.93	148.63	-309.93	343.72	154.38	0.03
4977.00	1.12	127.17	4958.37	-309.94	148.65	-309.94	343.74	154.38	0.03

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
4978.00	1.12	127.19	4959.37	-309.95	148.66	-309.95	343.76	154.38	0.03
4979.00	1.12	127.20	4960.37	-309.96	148.68	-309.96	343.77	154.37	0.03
4980.00	1.12	127.22	4961.37	-309.97	148.69	-309.97	343.79	154.37	0.03
4981.00	1.12	127.23	4962.37	-309.99	148.71	-309.99	343.81	154.37	0.03
4982.00	1.12	127.24	4963.37	-310.00	148.72	-310.00	343.83	154.37	0.03
4983.00	1.12	127.26	4964.37	-310.01	148.74	-310.01	343.84	154.37	0.03
4984.00	1.12	127.27	4965.37	-310.02	148.75	-310.02	343.86	154.37	0.03
4985.00	1.12	127.29	4966.37	-310.03	148.77	-310.03	343.88	154.37	0.03
4986.00	1.12	127.30	4967.37	-310.04	148.79	-310.04	343.90	154.36	0.03
4987.00	1.12	127.32	4968.37	-310.06	148.80	-310.06	343.91	154.36	0.03
4988.00	1.13	127.33	4969.37	-310.07	148.82	-310.07	343.93	154.36	0.03
4989.00	1.13	127.34	4970.37	-310.08	148.83	-310.08	343.95	154.36	0.03
4990.00	1.13	127.36	4971.37	-310.09	148.85	-310.09	343.97	154.36	0.03
4991.00	1.13	127.37	4972.37	-310.10	148.86	-310.10	343.98	154.36	0.03
4992.00	1.13	127.39	4973.37	-310.12	148.88	-310.12	344.00	154.36	0.03
4993.00	1.13	127.40	4974.37	-310.13	148.90	-310.13	344.02	154.35	0.03
4994.00	1.13	127.42	4975.37	-310.14	148.91	-310.14	344.04	154.35	0.03
4995.00	1.13	127.43	4976.37	-310.15	148.93	-310.15	344.05	154.35	0.03
4996.00	1.13	127.44	4977.37	-310.16	148.94	-310.16	344.07	154.35	0.03
4997.00	1.13	127.46	4978.37	-310.18	148.96	-310.18	344.09	154.35	0.03
4998.00	1.13	127.49	4979.37	-310.19	148.97	-310.19	344.11	154.35	0.06
4999.00	1.13	127.57	4980.37	-310.20	148.99	-310.20	344.12	154.35	0.16
5000.00	1.13	127.65	4981.37	-310.21	149.00	-310.21	344.14	154.34	0.16
5001.00	1.13	127.73	4982.37	-310.22	149.02	-310.22	344.16	154.34	0.16
5002.00	1.14	128.12	4983.37	-310.24	149.04	-310.24	344.18	154.34	1.23
5003.00	1.14	127.90	4984.37	-310.25	149.05	-310.25	344.20	154.34	0.59
5004.00	1.14	127.72	4985.37	-310.26	149.07	-310.26	344.21	154.34	0.36
5005.00	1.15	127.74	4986.37	-310.27	149.08	-310.27	344.23	154.34	0.61
5006.00	1.14	127.70	4987.36	-310.28	149.10	-310.28	344.25	154.33	0.54
5007.00	1.14	127.81	4988.36	-310.30	149.11	-310.30	344.27	154.33	0.38
5008.00	1.15	127.63	4989.36	-310.31	149.13	-310.31	344.28	154.33	0.78
5009.00	1.15	127.53	4990.36	-310.32	149.15	-310.32	344.30	154.33	0.28
5010.00	1.14	127.63	4991.36	-310.33	149.16	-310.33	344.32	154.33	0.49
5011.00	1.15	127.42	4992.36	-310.35	149.18	-310.35	344.34	154.33	0.63
5012.00	1.15	127.42	4993.36	-310.36	149.19	-310.36	344.36	154.33	0.03
5013.00	1.15	127.31	4994.36	-310.37	149.21	-310.37	344.37	154.32	0.54
5014.00	1.16	127.19	4995.36	-310.38	149.23	-310.38	344.39	154.32	0.34
5015.00	1.15	127.20	4996.36	-310.39	149.24	-310.39	344.41	154.32	0.47
5016.00	1.15	127.07	4997.36	-310.41	149.26	-310.41	344.43	154.32	0.32
5017.00	1.15	127.13	4998.36	-310.42	149.27	-310.42	344.45	154.32	0.30

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5018.00	1.15	127.23	4999.36	-310.43	149.29	-310.43	344.46	154.32	0.30
5019.00	1.15	127.06	5000.36	-310.44	149.31	-310.44	344.48	154.32	0.58
5020.00	1.15	127.00	5001.36	-310.46	149.32	-310.46	344.50	154.31	0.26
5021.00	1.15	126.97	5002.36	-310.47	149.34	-310.47	344.52	154.31	0.26
5022.00	1.16	126.96	5003.36	-310.48	149.35	-310.48	344.53	154.31	0.55
5023.00	1.16	126.93	5004.36	-310.49	149.37	-310.49	344.55	154.31	0.26
5024.00	1.16	126.62	5005.36	-310.50	149.39	-310.50	344.57	154.31	0.64
5025.00	1.16	126.41	5006.36	-310.52	149.40	-310.52	344.59	154.31	0.41
5026.00	1.16	126.34	5007.36	-310.53	149.42	-310.53	344.61	154.30	0.20
5027.00	1.16	126.31	5008.36	-310.54	149.44	-310.54	344.62	154.30	0.22
5028.00	1.16	126.31	5009.36	-310.55	149.45	-310.55	344.64	154.30	0.19
5029.00	1.16	126.23	5010.36	-310.56	149.47	-310.56	344.66	154.30	0.34
5030.00	1.17	126.07	5011.36	-310.58	149.48	-310.58	344.68	154.30	0.49
5031.00	1.17	126.12	5012.36	-310.59	149.50	-310.59	344.70	154.30	0.26
5032.00	1.17	126.24	5013.36	-310.60	149.52	-310.60	344.71	154.29	0.33
5033.00	1.16	126.38	5014.36	-310.61	149.53	-310.61	344.73	154.29	0.58
5034.00	1.17	126.38	5015.36	-310.62	149.55	-310.62	344.75	154.29	0.52
5035.00	1.17	126.38	5016.36	-310.64	149.57	-310.64	344.77	154.29	0.66
5036.00	1.18	126.39	5017.36	-310.65	149.58	-310.65	344.79	154.29	0.68
5037.00	1.18	126.46	5018.36	-310.66	149.60	-310.66	344.80	154.29	0.39
5038.00	1.17	126.51	5019.36	-310.67	149.62	-310.67	344.82	154.29	0.29
5039.00	1.17	126.50	5020.36	-310.68	149.63	-310.68	344.84	154.28	0.13
5040.00	1.17	126.62	5021.36	-310.70	149.65	-310.70	344.86	154.28	0.24
5041.00	1.17	126.74	5022.36	-310.71	149.67	-310.71	344.88	154.28	0.25
5042.00	1.17	126.58	5023.36	-310.72	149.68	-310.72	344.89	154.28	0.34
5043.00	1.18	126.55	5024.36	-310.73	149.70	-310.73	344.91	154.28	0.39
5044.00	1.18	126.65	5025.36	-310.75	149.71	-310.75	344.93	154.28	0.76
5045.00	1.18	126.62	5026.36	-310.76	149.73	-310.76	344.95	154.27	0.29
5046.00	1.18	126.64	5027.36	-310.77	149.75	-310.77	344.97	154.27	0.23
5047.00	1.18	126.76	5028.36	-310.78	149.76	-310.78	344.99	154.27	0.27
5048.00	1.18	126.97	5029.36	-310.79	149.78	-310.79	345.00	154.27	0.50
5049.00	1.19	127.17	5030.36	-310.81	149.80	-310.81	345.02	154.27	0.59
5050.00	1.19	127.32	5031.36	-310.82	149.81	-310.82	345.04	154.27	0.62
5051.00	1.19	127.24	5032.36	-310.83	149.83	-310.83	345.06	154.26	0.17
5052.00	1.19	127.15	5033.36	-310.85	149.85	-310.85	345.08	154.26	0.43
5053.00	1.18	127.06	5034.36	-310.86	149.86	-310.86	345.10	154.26	0.71
5054.00	1.18	127.08	5035.35	-310.87	149.88	-310.87	345.11	154.26	0.19
5055.00	1.19	127.17	5036.35	-310.88	149.90	-310.88	345.13	154.26	0.67
5056.00	1.18	127.33	5037.35	-310.89	149.91	-310.89	345.15	154.26	0.59
5057.00	1.18	127.29	5038.35	-310.91	149.93	-310.91	345.17	154.26	0.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5058.00	1.18	127.13	5039.35	-310.92	149.95	-310.92	345.19	154.25	0.36
5059.00	1.18	126.96	5040.35	-310.93	149.96	-310.93	345.21	154.25	0.39
5060.00	1.19	126.78	5041.35	-310.94	149.98	-310.94	345.22	154.25	0.39
5061.00	1.18	126.83	5042.35	-310.96	150.00	-310.96	345.24	154.25	0.39
5062.00	1.18	126.82	5043.35	-310.97	150.01	-310.97	345.26	154.25	0.30
5063.00	1.18	126.62	5044.35	-310.98	150.03	-310.98	345.28	154.25	0.41
5064.00	1.18	126.55	5045.35	-310.99	150.04	-310.99	345.30	154.24	0.24
5065.00	1.17	126.54	5046.35	-311.01	150.06	-311.01	345.32	154.24	0.28
5066.00	1.17	126.54	5047.35	-311.02	150.08	-311.02	345.33	154.24	0.02
5067.00	1.17	126.53	5048.35	-311.03	150.09	-311.03	345.35	154.24	0.05
5068.00	1.17	126.48	5049.35	-311.04	150.11	-311.04	345.37	154.24	0.30
5069.00	1.17	126.39	5050.35	-311.06	150.13	-311.06	345.39	154.24	0.28
5070.00	1.17	126.26	5051.35	-311.07	150.14	-311.07	345.41	154.23	0.29
5071.00	1.17	126.16	5052.35	-311.08	150.16	-311.08	345.42	154.23	0.36
5072.00	1.17	126.07	5053.35	-311.09	150.18	-311.09	345.44	154.23	0.28
5073.00	1.17	126.08	5054.35	-311.10	150.19	-311.10	345.46	154.23	0.44
5074.00	1.17	126.10	5055.35	-311.12	150.21	-311.12	345.48	154.23	0.23
5075.00	1.17	126.20	5056.35	-311.13	150.23	-311.13	345.50	154.23	0.32
5076.00	1.17	126.26	5057.35	-311.14	150.24	-311.14	345.51	154.23	0.24
5077.00	1.17	126.26	5058.35	-311.15	150.26	-311.15	345.53	154.22	0.14
5078.00	1.17	126.31	5059.35	-311.16	150.28	-311.16	345.55	154.22	0.36
5079.00	1.17	126.35	5060.35	-311.18	150.29	-311.18	345.57	154.22	0.39
5080.00	1.16	126.33	5061.35	-311.19	150.31	-311.19	345.59	154.22	0.05
5081.00	1.17	126.38	5062.35	-311.20	150.32	-311.20	345.60	154.22	0.10
5082.00	1.17	126.47	5063.35	-311.21	150.34	-311.21	345.62	154.22	0.20
5083.00	1.17	126.56	5064.35	-311.22	150.36	-311.22	345.64	154.21	0.37
5084.00	1.17	126.64	5065.35	-311.24	150.37	-311.24	345.66	154.21	0.47
5085.00	1.18	126.75	5066.35	-311.25	150.39	-311.25	345.68	154.21	0.31
5086.00	1.18	126.89	5067.35	-311.26	150.41	-311.26	345.70	154.21	0.33
5087.00	1.18	127.12	5068.35	-311.27	150.42	-311.27	345.71	154.21	0.46
5088.00	1.18	127.36	5069.35	-311.29	150.44	-311.29	345.73	154.21	0.49
5089.00	1.18	127.58	5070.35	-311.30	150.46	-311.30	345.75	154.20	0.46
5090.00	1.18	127.66	5071.35	-311.31	150.47	-311.31	345.77	154.20	0.35
5091.00	1.18	127.72	5072.35	-311.32	150.49	-311.32	345.79	154.20	0.22
5092.00	1.18	127.74	5073.35	-311.34	150.50	-311.34	345.81	154.20	0.09
5093.00	1.19	127.77	5074.35	-311.35	150.52	-311.35	345.82	154.20	0.27
5094.00	1.19	127.81	5075.35	-311.36	150.54	-311.36	345.84	154.20	0.29
5095.00	1.19	128.13	5076.35	-311.37	150.55	-311.37	345.86	154.20	0.73
5096.00	1.19	128.33	5077.35	-311.39	150.57	-311.39	345.88	154.19	0.48
5097.00	1.20	128.29	5078.35	-311.40	150.59	-311.40	345.90	154.19	0.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5098.00	1.20	128.29	5079.35	-311.41	150.60	-311.41	345.92	154.19	0.26
5099.00	1.20	128.31	5080.35	-311.43	150.62	-311.43	345.94	154.19	0.29
5100.00	1.20	128.27	5081.35	-311.44	150.64	-311.44	345.96	154.19	0.13
5101.00	1.20	128.23	5082.34	-311.45	150.65	-311.45	345.97	154.19	0.13
5102.00	1.20	128.24	5083.34	-311.46	150.67	-311.46	345.99	154.18	0.08
5103.00	1.20	128.25	5084.34	-311.48	150.69	-311.48	346.01	154.18	0.05
5104.00	1.20	128.27	5085.34	-311.49	150.70	-311.49	346.03	154.18	0.04
5105.00	1.20	128.21	5086.34	-311.50	150.72	-311.50	346.05	154.18	0.13
5106.00	1.20	128.13	5087.34	-311.52	150.73	-311.52	346.07	154.18	0.17
5107.00	1.20	128.14	5088.34	-311.53	150.75	-311.53	346.09	154.18	0.07
5108.00	1.20	128.15	5089.34	-311.54	150.77	-311.54	346.11	154.18	0.08
5109.00	1.20	128.16	5090.34	-311.56	150.78	-311.56	346.13	154.17	0.17
5110.00	1.20	128.16	5091.34	-311.57	150.80	-311.57	346.14	154.17	0.17
5111.00	1.20	128.14	5092.34	-311.58	150.82	-311.58	346.16	154.17	0.14
5112.00	1.20	128.11	5093.34	-311.59	150.83	-311.59	346.18	154.17	0.08
5113.00	1.20	128.07	5094.34	-311.61	150.85	-311.61	346.20	154.17	0.37
5114.00	1.19	128.03	5095.34	-311.62	150.87	-311.62	346.22	154.17	0.38
5115.00	1.19	127.99	5096.34	-311.63	150.88	-311.63	346.24	154.17	0.40
5116.00	1.19	127.97	5097.34	-311.65	150.90	-311.65	346.26	154.16	0.24
5117.00	1.19	128.01	5098.34	-311.66	150.92	-311.66	346.27	154.16	0.08
5118.00	1.19	128.00	5099.34	-311.67	150.93	-311.67	346.29	154.16	0.01
5119.00	1.19	127.96	5100.34	-311.68	150.95	-311.68	346.31	154.16	0.09
5120.00	1.19	127.95	5101.34	-311.70	150.96	-311.70	346.33	154.16	0.10
5121.00	1.18	127.98	5102.34	-311.71	150.98	-311.71	346.35	154.16	0.25
5122.00	1.18	128.01	5103.34	-311.72	151.00	-311.72	346.37	154.15	0.15
5123.00	1.18	128.06	5104.34	-311.73	151.01	-311.73	346.39	154.15	0.11
5124.00	1.18	128.10	5105.34	-311.75	151.03	-311.75	346.40	154.15	0.09
5125.00	1.18	128.14	5106.34	-311.76	151.05	-311.76	346.42	154.15	0.08
5126.00	1.18	128.19	5107.34	-311.77	151.06	-311.77	346.44	154.15	0.27
5127.00	1.17	128.26	5108.34	-311.79	151.08	-311.79	346.46	154.15	0.42
5128.00	1.18	128.27	5109.34	-311.80	151.09	-311.80	346.48	154.15	0.14
5129.00	1.18	128.25	5110.34	-311.81	151.11	-311.81	346.50	154.14	0.50
5130.00	1.18	128.31	5111.34	-311.82	151.13	-311.82	346.52	154.14	0.20
5131.00	1.18	128.42	5112.34	-311.84	151.14	-311.84	346.53	154.14	0.22
5132.00	1.18	128.36	5113.34	-311.85	151.16	-311.85	346.55	154.14	0.14
5133.00	1.18	128.25	5114.34	-311.86	151.17	-311.86	346.57	154.14	0.23
5134.00	1.18	128.19	5115.34	-311.87	151.19	-311.87	346.59	154.14	0.30
5135.00	1.19	128.14	5116.34	-311.89	151.21	-311.89	346.61	154.14	0.36
5136.00	1.19	127.94	5117.34	-311.90	151.22	-311.90	346.63	154.13	0.49
5137.00	1.19	127.69	5118.34	-311.91	151.24	-311.91	346.65	154.13	0.55

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5138.00	1.19	127.46	5119.34	-311.93	151.26	-311.93	346.66	154.13	0.55
5139.00	1.20	127.23	5120.34	-311.94	151.27	-311.94	346.68	154.13	0.55
5140.00	1.20	127.05	5121.34	-311.95	151.29	-311.95	346.70	154.13	0.37
5141.00	1.20	126.89	5122.34	-311.96	151.31	-311.96	346.72	154.13	0.35
5142.00	1.20	126.53	5123.34	-311.98	151.32	-311.98	346.74	154.12	0.75
5143.00	1.20	126.16	5124.34	-311.99	151.34	-311.99	346.76	154.12	0.80
5144.00	1.20	125.99	5125.34	-312.00	151.36	-312.00	346.78	154.12	0.39
5145.00	1.20	125.83	5126.34	-312.01	151.37	-312.01	346.79	154.12	0.34
5146.00	1.21	125.66	5127.34	-312.03	151.39	-312.03	346.81	154.12	0.46
5147.00	1.21	125.49	5128.33	-312.04	151.41	-312.04	346.83	154.12	0.46
5148.00	1.21	125.29	5129.33	-312.05	151.43	-312.05	346.85	154.11	0.69
5149.00	1.22	125.09	5130.33	-312.06	151.44	-312.06	346.87	154.11	0.69
5150.00	1.22	124.85	5131.33	-312.07	151.46	-312.07	346.89	154.11	0.61
5151.00	1.21	124.61	5132.33	-312.09	151.48	-312.09	346.91	154.11	0.56
5152.00	1.22	124.45	5133.33	-312.10	151.50	-312.10	346.92	154.11	0.49
5153.00	1.22	124.28	5134.33	-312.11	151.51	-312.11	346.94	154.11	0.46
5154.00	1.22	124.06	5135.33	-312.12	151.53	-312.12	346.96	154.10	0.48
5155.00	1.22	123.86	5136.33	-312.13	151.55	-312.13	346.98	154.10	0.44
5156.00	1.22	123.71	5137.33	-312.15	151.57	-312.15	347.00	154.10	0.42
5157.00	1.21	123.55	5138.33	-312.16	151.58	-312.16	347.02	154.10	0.40
5158.00	1.21	123.35	5139.33	-312.17	151.60	-312.17	347.03	154.10	0.42
5159.00	1.21	123.16	5140.33	-312.18	151.62	-312.18	347.05	154.10	0.40
5160.00	1.21	122.99	5141.33	-312.19	151.64	-312.19	347.07	154.09	0.38
5161.00	1.21	122.84	5142.33	-312.20	151.65	-312.20	347.09	154.09	0.32
5162.00	1.21	122.72	5143.33	-312.22	151.67	-312.22	347.11	154.09	0.28
5163.00	1.21	122.65	5144.33	-312.23	151.69	-312.23	347.12	154.09	0.18
5164.00	1.21	122.61	5145.33	-312.24	151.71	-312.24	347.14	154.09	0.11
5165.00	1.21	122.44	5146.33	-312.25	151.73	-312.25	347.16	154.08	0.37
5166.00	1.21	122.21	5147.33	-312.26	151.74	-312.26	347.18	154.08	0.50
5167.00	1.21	122.00	5148.33	-312.27	151.76	-312.27	347.20	154.08	0.45
5168.00	1.21	121.80	5149.33	-312.28	151.78	-312.28	347.21	154.08	0.44
5169.00	1.21	121.72	5150.33	-312.29	151.80	-312.29	347.23	154.08	0.31
5170.00	1.21	121.69	5151.33	-312.31	151.82	-312.31	347.25	154.08	0.34
5171.00	1.21	121.49	5152.33	-312.32	151.83	-312.32	347.27	154.07	0.45
5172.00	1.21	121.24	5153.33	-312.33	151.85	-312.33	347.29	154.07	0.59
5173.00	1.21	121.06	5154.33	-312.34	151.87	-312.34	347.30	154.07	0.41
5174.00	1.21	120.90	5155.33	-312.35	151.89	-312.35	347.32	154.07	0.42
5175.00	1.21	120.71	5156.33	-312.36	151.91	-312.36	347.34	154.07	0.48
5176.00	1.21	120.52	5157.33	-312.37	151.92	-312.37	347.36	154.06	0.52
5177.00	1.21	120.21	5158.33	-312.38	151.94	-312.38	347.37	154.06	0.66

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5178.00	1.21	119.91	5159.33	-312.39	151.96	-312.39	347.39	154.06	0.66
5179.00	1.22	119.54	5160.33	-312.40	151.98	-312.40	347.41	154.06	0.78
5180.00	1.22	119.12	5161.33	-312.41	152.00	-312.41	347.43	154.06	0.91
5181.00	1.22	118.75	5162.33	-312.42	152.02	-312.42	347.44	154.05	0.83
5182.00	1.22	118.39	5163.33	-312.43	152.03	-312.43	347.46	154.05	0.79
5183.00	1.22	118.19	5164.33	-312.44	152.05	-312.44	347.48	154.05	0.47
5184.00	1.23	117.96	5165.33	-312.45	152.07	-312.45	347.50	154.05	0.52
5185.00	1.23	117.54	5166.33	-312.46	152.09	-312.46	347.51	154.05	0.92
5186.00	1.23	117.11	5167.33	-312.47	152.11	-312.47	347.53	154.04	0.91
5187.00	1.23	116.71	5168.33	-312.48	152.13	-312.48	347.55	154.04	0.87
5188.00	1.23	116.33	5169.33	-312.49	152.15	-312.49	347.56	154.04	0.84
5189.00	1.23	116.00	5170.33	-312.50	152.17	-312.50	347.58	154.04	0.71
5190.00	1.23	115.66	5171.33	-312.51	152.19	-312.51	347.60	154.03	0.75
5191.00	1.24	115.27	5172.33	-312.52	152.21	-312.52	347.62	154.03	1.13
5192.00	1.25	114.88	5173.32	-312.53	152.23	-312.53	347.63	154.03	1.02
5193.00	1.24	114.48	5174.32	-312.54	152.25	-312.54	347.65	154.03	0.90
5194.00	1.24	114.09	5175.32	-312.55	152.27	-312.55	347.67	154.03	0.84
5195.00	1.24	113.74	5176.32	-312.56	152.29	-312.56	347.68	154.02	0.80
5196.00	1.25	113.42	5177.32	-312.57	152.31	-312.57	347.70	154.02	0.73
5197.00	1.25	113.12	5178.32	-312.57	152.33	-312.57	347.72	154.02	0.64
5198.00	1.25	112.78	5179.32	-312.58	152.35	-312.58	347.73	154.02	0.75
5199.00	1.25	112.39	5180.32	-312.59	152.37	-312.59	347.75	154.01	0.86
5200.00	1.25	112.04	5181.32	-312.60	152.39	-312.60	347.76	154.01	0.76
5201.00	1.25	111.73	5182.32	-312.61	152.41	-312.61	347.78	154.01	0.71
5202.00	1.25	111.60	5183.32	-312.62	152.43	-312.62	347.80	154.01	0.31
5203.00	1.25	111.54	5184.32	-312.62	152.45	-312.62	347.81	154.00	0.27
5204.00	1.25	111.37	5185.32	-312.63	152.47	-312.63	347.83	154.00	0.44
5205.00	1.25	111.18	5186.32	-312.64	152.49	-312.64	347.84	154.00	0.56
5206.00	1.25	110.87	5187.32	-312.65	152.51	-312.65	347.86	154.00	0.72
5207.00	1.25	110.53	5188.32	-312.66	152.53	-312.66	347.88	153.99	0.84
5208.00	1.24	110.41	5189.32	-312.66	152.55	-312.66	347.89	153.99	0.38
5209.00	1.24	110.28	5190.32	-312.67	152.57	-312.67	347.91	153.99	0.38
5210.00	1.24	110.24	5191.32	-312.68	152.59	-312.68	347.92	153.99	0.33
5211.00	1.25	110.20	5192.32	-312.69	152.61	-312.69	347.94	153.98	0.29
5212.00	1.25	110.18	5193.32	-312.69	152.63	-312.69	347.95	153.98	0.11
5213.00	1.24	110.15	5194.32	-312.70	152.65	-312.70	347.97	153.98	0.09
5214.00	1.25	109.96	5195.32	-312.71	152.67	-312.71	347.99	153.98	0.55
5215.00	1.25	109.82	5196.32	-312.72	152.69	-312.72	348.00	153.97	0.41
5216.00	1.25	109.93	5197.32	-312.72	152.71	-312.72	348.02	153.97	0.25
5217.00	1.25	110.01	5198.32	-312.73	152.73	-312.73	348.03	153.97	0.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5218.00	1.25	109.97	5199.32	-312.74	152.75	-312.74	348.05	153.97	0.16
5219.00	1.26	109.91	5200.32	-312.75	152.77	-312.75	348.06	153.96	0.20
5220.00	1.26	109.80	5201.32	-312.75	152.79	-312.75	348.08	153.96	0.36
5221.00	1.26	109.73	5202.32	-312.76	152.81	-312.76	348.10	153.96	0.23
5222.00	1.26	109.80	5203.32	-312.77	152.83	-312.77	348.11	153.96	0.15
5223.00	1.26	109.86	5204.32	-312.77	152.86	-312.77	348.13	153.95	0.21
5224.00	1.27	109.89	5205.32	-312.78	152.88	-312.78	348.14	153.95	0.51
5225.00	1.27	109.88	5206.32	-312.79	152.90	-312.79	348.16	153.95	0.34
5226.00	1.27	109.81	5207.32	-312.80	152.92	-312.80	348.18	153.95	0.17
5227.00	1.27	109.84	5208.32	-312.81	152.94	-312.81	348.19	153.94	0.25
5228.00	1.28	110.02	5209.32	-312.81	152.96	-312.81	348.21	153.94	0.79
5229.00	1.29	110.14	5210.32	-312.82	152.98	-312.82	348.22	153.94	0.69
5230.00	1.29	110.17	5211.32	-312.83	153.00	-312.83	348.24	153.94	0.57
5231.00	1.30	110.31	5212.32	-312.84	153.02	-312.84	348.26	153.93	0.54
5232.00	1.30	110.65	5213.32	-312.84	153.04	-312.84	348.27	153.93	0.78
5233.00	1.30	110.91	5214.31	-312.85	153.07	-312.85	348.29	153.93	0.61
5234.00	1.30	111.08	5215.31	-312.86	153.09	-312.86	348.31	153.93	0.38
5235.00	1.30	111.28	5216.31	-312.87	153.11	-312.87	348.32	153.92	0.45
5236.00	1.30	111.53	5217.31	-312.88	153.13	-312.88	348.34	153.92	0.56
5237.00	1.30	111.84	5218.31	-312.88	153.15	-312.88	348.36	153.92	0.71
5238.00	1.30	112.22	5219.31	-312.89	153.17	-312.89	348.37	153.92	0.87
5239.00	1.29	112.58	5220.31	-312.90	153.19	-312.90	348.39	153.91	0.84
5240.00	1.29	112.94	5221.31	-312.91	153.21	-312.91	348.41	153.91	0.83
5241.00	1.29	113.34	5222.31	-312.92	153.23	-312.92	348.42	153.91	1.10
5242.00	1.28	113.78	5223.31	-312.93	153.25	-312.93	348.44	153.91	1.24
5243.00	1.27	114.42	5224.31	-312.94	153.27	-312.94	348.46	153.90	1.53
5244.00	1.27	115.12	5225.31	-312.95	153.29	-312.95	348.47	153.90	1.62
5245.00	1.26	115.82	5226.31	-312.96	153.31	-312.96	348.49	153.90	1.81
5246.00	1.25	116.53	5227.31	-312.97	153.33	-312.97	348.51	153.90	1.83
5247.00	1.24	117.42	5228.31	-312.98	153.35	-312.98	348.53	153.90	2.35
5248.00	1.22	118.22	5229.31	-312.99	153.37	-312.99	348.54	153.89	2.15
5249.00	1.22	118.27	5230.31	-313.00	153.39	-313.00	348.56	153.89	0.69
5250.00	1.21	118.25	5231.31	-313.01	153.41	-313.01	348.58	153.89	0.76
5251.00	1.20	117.94	5232.31	-313.02	153.43	-313.02	348.60	153.89	1.25
5252.00	1.19	117.52	5233.31	-313.03	153.45	-313.03	348.61	153.89	1.40
5253.00	1.17	116.66	5234.31	-313.03	153.46	-313.03	348.63	153.88	2.15
5254.00	1.16	115.75	5235.31	-313.04	153.48	-313.04	348.65	153.88	2.15
5255.00	1.15	114.74	5236.31	-313.05	153.50	-313.05	348.66	153.88	2.20
5256.00	1.15	113.84	5237.31	-313.06	153.52	-313.06	348.68	153.88	2.03
5257.00	1.14	113.18	5238.31	-313.07	153.54	-313.07	348.69	153.88	1.69

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5258.00	1.13	112.31	5239.31	-313.08	153.56	-313.08	348.71	153.87	1.90
5259.00	1.12	111.13	5240.31	-313.08	153.57	-313.08	348.72	153.87	2.36
5260.00	1.12	109.99	5241.31	-313.09	153.59	-313.09	348.74	153.87	2.32
5261.00	1.11	108.87	5242.31	-313.10	153.61	-313.10	348.75	153.87	2.28
5262.00	1.10	107.99	5243.31	-313.10	153.63	-313.10	348.76	153.86	1.76
5263.00	1.10	107.26	5244.31	-313.11	153.65	-313.11	348.78	153.86	1.42
5264.00	1.10	106.58	5245.31	-313.11	153.67	-313.11	348.79	153.86	1.33
5265.00	1.10	105.93	5246.31	-313.12	153.68	-313.12	348.80	153.86	1.27
5266.00	1.10	105.31	5247.31	-313.12	153.70	-313.12	348.81	153.86	1.18
5267.00	1.10	104.72	5248.31	-313.13	153.72	-313.13	348.83	153.85	1.14
5268.00	1.10	104.14	5249.31	-313.13	153.74	-313.13	348.84	153.85	1.14
5269.00	1.10	103.57	5250.31	-313.14	153.76	-313.14	348.85	153.85	1.16
5270.00	1.10	102.96	5251.31	-313.14	153.78	-313.14	348.86	153.85	1.16
5271.00	1.10	102.35	5252.31	-313.15	153.80	-313.15	348.88	153.84	1.17
5272.00	1.10	101.91	5253.31	-313.15	153.81	-313.15	348.89	153.84	0.85
5273.00	1.10	101.49	5254.31	-313.16	153.83	-313.16	348.90	153.84	0.82
5274.00	1.11	101.03	5255.31	-313.16	153.85	-313.16	348.91	153.84	0.89
5275.00	1.11	100.58	5256.31	-313.16	153.87	-313.16	348.92	153.83	0.88
5276.00	1.11	100.17	5257.31	-313.17	153.89	-313.17	348.93	153.83	0.80
5277.00	1.11	99.77	5258.31	-313.17	153.91	-313.17	348.95	153.83	0.80
5278.00	1.11	99.42	5259.31	-313.17	153.93	-313.17	348.96	153.83	0.70
5279.00	1.11	99.08	5260.31	-313.18	153.95	-313.18	348.97	153.82	0.67
5280.00	1.11	98.88	5261.31	-313.18	153.97	-313.18	348.98	153.82	0.42
5281.00	1.11	98.66	5262.30	-313.18	153.99	-313.18	348.99	153.82	0.42
5282.00	1.11	98.42	5263.30	-313.19	154.01	-313.19	349.00	153.81	0.51
5283.00	1.11	98.20	5264.30	-313.19	154.02	-313.19	349.01	153.81	0.44
5284.00	1.11	98.04	5265.30	-313.19	154.04	-313.19	349.02	153.81	0.31
5285.00	1.11	97.89	5266.30	-313.19	154.06	-313.19	349.04	153.81	0.29
5286.00	1.12	97.76	5267.30	-313.20	154.08	-313.20	349.05	153.80	0.29
5287.00	1.12	97.54	5268.30	-313.20	154.10	-313.20	349.06	153.80	0.43
5288.00	1.11	97.23	5269.30	-313.20	154.12	-313.20	349.07	153.80	0.60
5289.00	1.11	96.88	5270.30	-313.20	154.14	-313.20	349.08	153.80	0.69
5290.00	1.11	96.48	5271.30	-313.21	154.16	-313.21	349.09	153.79	0.78
5291.00	1.11	96.02	5272.30	-313.21	154.18	-313.21	349.10	153.79	0.90
5292.00	1.11	95.50	5273.30	-313.21	154.20	-313.21	349.11	153.79	1.02
5293.00	1.11	94.85	5274.30	-313.21	154.22	-313.21	349.12	153.79	1.27
5294.00	1.11	94.11	5275.30	-313.21	154.24	-313.21	349.13	153.78	1.43
5295.00	1.11	93.37	5276.30	-313.21	154.26	-313.21	349.14	153.78	1.42
5296.00	1.11	92.65	5277.30	-313.22	154.28	-313.22	349.15	153.78	1.40
5297.00	1.11	91.55	5278.30	-313.22	154.29	-313.22	349.16	153.77	2.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5298.00	1.10	90.31	5279.30	-313.22	154.31	-313.22	349.17	153.77	2.41
5299.00	1.10	89.00	5280.30	-313.22	154.33	-313.22	349.17	153.77	2.52
5300.00	1.10	87.67	5281.30	-313.22	154.35	-313.22	349.18	153.77	2.55
5301.00	1.10	86.43	5282.30	-313.21	154.37	-313.21	349.19	153.76	2.40
5302.00	1.11	85.20	5283.30	-313.21	154.39	-313.21	349.20	153.76	2.38
5303.00	1.11	84.05	5284.30	-313.21	154.41	-313.21	349.20	153.76	2.22
5304.00	1.11	82.89	5285.30	-313.21	154.43	-313.21	349.21	153.75	2.24
5305.00	1.11	81.68	5286.30	-313.21	154.45	-313.21	349.22	153.75	2.34
5306.00	1.11	80.47	5287.30	-313.20	154.47	-313.20	349.22	153.75	2.36
5307.00	1.11	79.16	5288.30	-313.20	154.49	-313.20	349.23	153.75	2.53
5308.00	1.11	77.91	5289.30	-313.20	154.51	-313.20	349.23	153.74	2.41
5309.00	1.11	76.89	5290.30	-313.19	154.52	-313.19	349.24	153.74	2.03
5310.00	1.12	75.81	5291.30	-313.19	154.54	-313.19	349.24	153.74	2.14
5311.00	1.12	74.49	5292.30	-313.18	154.56	-313.18	349.25	153.73	2.60
5312.00	1.12	73.26	5293.30	-313.18	154.58	-313.18	349.25	153.73	2.42
5313.00	1.12	72.24	5294.30	-313.17	154.60	-313.17	349.25	153.73	2.00
5314.00	1.13	71.44	5295.30	-313.17	154.62	-313.17	349.26	153.72	1.58
5315.00	1.13	70.74	5296.30	-313.16	154.64	-313.16	349.26	153.72	1.40
5316.00	1.13	70.03	5297.30	-313.15	154.66	-313.15	349.26	153.72	1.41
5317.00	1.13	69.31	5298.30	-313.15	154.67	-313.15	349.26	153.71	1.42
5318.00	1.13	68.56	5299.30	-313.14	154.69	-313.14	349.26	153.71	1.50
5319.00	1.14	67.75	5300.30	-313.13	154.71	-313.13	349.27	153.71	1.61
5320.00	1.13	67.26	5301.30	-313.12	154.73	-313.12	349.27	153.70	0.99
5321.00	1.13	67.07	5302.30	-313.12	154.75	-313.12	349.27	153.70	0.57
5322.00	1.12	66.85	5303.30	-313.11	154.77	-313.11	349.27	153.70	0.64
5323.00	1.12	66.65	5304.30	-313.10	154.78	-313.10	349.27	153.69	0.58
5324.00	1.12	66.63	5305.30	-313.09	154.80	-313.09	349.27	153.69	0.18
5325.00	1.12	66.62	5306.30	-313.08	154.82	-313.08	349.27	153.69	0.18
5326.00	1.11	66.76	5307.30	-313.08	154.84	-313.08	349.27	153.68	0.70
5327.00	1.10	66.98	5308.30	-313.07	154.85	-313.07	349.27	153.68	0.94
5328.00	1.10	67.39	5309.30	-313.06	154.87	-313.06	349.28	153.68	0.89
5329.00	1.10	67.89	5310.30	-313.05	154.89	-313.05	349.28	153.68	0.98
5330.00	1.08	67.92	5311.30	-313.05	154.91	-313.05	349.28	153.67	1.26
5331.00	1.07	67.53	5312.30	-313.04	154.93	-313.04	349.28	153.67	1.45
5332.00	1.06	66.68	5313.30	-313.03	154.94	-313.03	349.28	153.67	1.79
5333.00	1.06	65.60	5314.30	-313.03	154.96	-313.03	349.28	153.66	2.07
5334.00	1.06	64.16	5315.29	-313.02	154.98	-313.02	349.28	153.66	2.66
5335.00	1.06	62.72	5316.29	-313.01	154.99	-313.01	349.28	153.66	2.66
5336.00	1.05	60.83	5317.29	-313.00	155.01	-313.00	349.28	153.65	3.54
5337.00	1.04	58.90	5318.29	-312.99	155.02	-312.99	349.28	153.65	3.62

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5338.00	1.04	56.93	5319.29	-312.98	155.04	-312.98	349.28	153.65	3.58
5339.00	1.04	55.34	5320.29	-312.97	155.05	-312.97	349.28	153.64	2.89
5340.00	1.03	54.15	5321.29	-312.96	155.07	-312.96	349.27	153.64	2.22
5341.00	1.03	53.14	5322.29	-312.95	155.08	-312.95	349.27	153.64	1.81
5342.00	1.04	52.32	5323.29	-312.94	155.10	-312.94	349.27	153.64	1.59
5343.00	1.04	51.73	5324.29	-312.93	155.11	-312.93	349.26	153.63	1.11
5344.00	1.04	51.28	5325.29	-312.92	155.13	-312.92	349.26	153.63	0.81
5345.00	1.04	50.69	5326.29	-312.91	155.14	-312.91	349.25	153.63	1.08
5346.00	1.04	49.99	5327.29	-312.89	155.15	-312.89	349.25	153.62	1.26
5347.00	1.05	49.36	5328.29	-312.88	155.17	-312.88	349.25	153.62	1.27
5348.00	1.05	48.77	5329.29	-312.87	155.18	-312.87	349.24	153.62	1.35
5349.00	1.06	48.14	5330.29	-312.86	155.20	-312.86	349.24	153.62	1.26
5350.00	1.06	47.47	5331.29	-312.85	155.21	-312.85	349.23	153.61	1.25
5351.00	1.06	46.89	5332.29	-312.83	155.22	-312.83	349.23	153.61	1.11
5352.00	1.07	46.42	5333.29	-312.82	155.24	-312.82	349.22	153.61	1.05
5353.00	1.07	45.87	5334.29	-312.81	155.25	-312.81	349.22	153.60	1.14
5354.00	1.08	45.30	5335.29	-312.79	155.26	-312.79	349.21	153.60	1.19
5355.00	1.08	44.73	5336.29	-312.78	155.28	-312.78	349.20	153.60	1.07
5356.00	1.08	44.17	5337.29	-312.77	155.29	-312.77	349.20	153.60	1.06
5357.00	1.08	43.56	5338.29	-312.75	155.30	-312.75	349.19	153.59	1.23
5358.00	1.09	42.95	5339.29	-312.74	155.32	-312.74	349.18	153.59	1.30
5359.00	1.09	42.51	5340.29	-312.73	155.33	-312.73	349.18	153.59	0.84
5360.00	1.09	42.09	5341.29	-312.71	155.34	-312.71	349.17	153.58	0.80
5361.00	1.09	41.85	5342.29	-312.70	155.36	-312.70	349.16	153.58	0.54
5362.00	1.09	41.60	5343.29	-312.68	155.37	-312.68	349.16	153.58	0.54
5363.00	1.10	41.22	5344.29	-312.67	155.38	-312.67	349.15	153.58	0.76
5364.00	1.10	40.84	5345.29	-312.66	155.39	-312.66	349.14	153.57	0.76
5365.00	1.10	40.39	5346.29	-312.64	155.41	-312.64	349.13	153.57	0.91
5366.00	1.09	39.97	5347.29	-312.63	155.42	-312.63	349.13	153.57	0.82
5367.00	1.09	39.62	5348.29	-312.61	155.43	-312.61	349.12	153.56	0.67
5368.00	1.10	39.27	5349.29	-312.60	155.44	-312.60	349.11	153.56	0.68
5369.00	1.10	38.92	5350.29	-312.58	155.45	-312.58	349.10	153.56	0.69
5370.00	1.10	38.61	5351.29	-312.57	155.47	-312.57	349.10	153.55	0.58
5371.00	1.10	38.39	5352.29	-312.55	155.48	-312.55	349.09	153.55	0.44
5372.00	1.10	38.17	5353.29	-312.54	155.49	-312.54	349.08	153.55	0.41
5373.00	1.10	38.09	5354.29	-312.52	155.50	-312.52	349.07	153.55	0.57
5374.00	1.11	37.85	5355.29	-312.51	155.51	-312.51	349.06	153.54	0.68
5375.00	1.11	37.00	5356.29	-312.49	155.53	-312.49	349.05	153.54	1.67
5376.00	1.11	36.44	5357.29	-312.48	155.54	-312.48	349.05	153.54	1.10
5377.00	1.11	36.01	5358.29	-312.46	155.55	-312.46	349.04	153.54	0.86

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5378.00	1.12	35.57	5359.29	-312.44	155.56	-312.44	349.03	153.53	0.86
5379.00	1.12	35.16	5360.29	-312.43	155.57	-312.43	349.02	153.53	0.94
5380.00	1.12	34.62	5361.29	-312.41	155.58	-312.41	349.01	153.53	1.15
5381.00	1.13	33.80	5362.29	-312.40	155.59	-312.40	349.00	153.52	1.67
5382.00	1.13	32.99	5363.29	-312.38	155.60	-312.38	348.99	153.52	1.68
5383.00	1.14	32.19	5364.29	-312.36	155.62	-312.36	348.98	153.52	1.70
5384.00	1.15	31.47	5365.29	-312.35	155.63	-312.35	348.97	153.52	1.52
5385.00	1.15	30.94	5366.29	-312.33	155.64	-312.33	348.96	153.51	1.09
5386.00	1.15	30.41	5367.29	-312.31	155.65	-312.31	348.95	153.51	1.14
5387.00	1.16	29.90	5368.29	-312.29	155.66	-312.29	348.94	153.51	1.38
5388.00	1.17	29.39	5369.29	-312.28	155.67	-312.28	348.92	153.50	1.34
5389.00	1.18	28.88	5370.28	-312.26	155.68	-312.26	348.91	153.50	1.24
5390.00	1.18	28.34	5371.28	-312.24	155.69	-312.24	348.90	153.50	1.22
5391.00	1.18	27.76	5372.28	-312.22	155.70	-312.22	348.89	153.50	1.24
5392.00	1.19	27.25	5373.28	-312.20	155.71	-312.20	348.88	153.49	1.14
5393.00	1.20	26.85	5374.28	-312.19	155.71	-312.19	348.87	153.49	1.06
5394.00	1.20	26.38	5375.28	-312.17	155.72	-312.17	348.85	153.49	1.12
5395.00	1.20	25.82	5376.28	-312.15	155.73	-312.15	348.84	153.48	1.24
5396.00	1.21	25.29	5377.28	-312.13	155.74	-312.13	348.83	153.48	1.19
5397.00	1.21	24.80	5378.28	-312.11	155.75	-312.11	348.81	153.48	1.14
5398.00	1.22	24.28	5379.28	-312.09	155.76	-312.09	348.80	153.48	1.18
5399.00	1.22	23.74	5380.28	-312.07	155.77	-312.07	348.79	153.47	1.21
5400.00	1.23	23.50	5381.28	-312.05	155.78	-312.05	348.77	153.47	0.61
5401.00	1.23	23.40	5382.28	-312.03	155.79	-312.03	348.76	153.47	0.40
5402.00	1.23	23.26	5383.28	-312.01	155.79	-312.01	348.75	153.47	0.36
5403.00	1.23	23.13	5384.28	-311.99	155.80	-311.99	348.73	153.46	0.36
5404.00	1.24	22.93	5385.28	-311.97	155.81	-311.97	348.72	153.46	0.53
5405.00	1.24	22.73	5386.28	-311.95	155.82	-311.95	348.70	153.46	0.55
5406.00	1.24	22.54	5387.28	-311.93	155.83	-311.93	348.69	153.46	0.49
5407.00	1.24	22.35	5388.28	-311.91	155.84	-311.91	348.68	153.45	0.47
5408.00	1.24	22.20	5389.28	-311.89	155.84	-311.89	348.66	153.45	0.31
5409.00	1.25	22.05	5390.28	-311.87	155.85	-311.87	348.65	153.45	0.34
5410.00	1.25	21.83	5391.28	-311.85	155.86	-311.85	348.63	153.44	0.50
5411.00	1.25	21.62	5392.28	-311.83	155.87	-311.83	348.62	153.44	0.50
5412.00	1.25	21.42	5393.28	-311.81	155.88	-311.81	348.60	153.44	0.51
5413.00	1.25	21.21	5394.28	-311.79	155.89	-311.79	348.59	153.44	0.49
5414.00	1.25	21.01	5395.28	-311.77	155.89	-311.77	348.57	153.43	0.47
5415.00	1.26	20.87	5396.28	-311.75	155.90	-311.75	348.56	153.43	0.33
5416.00	1.26	20.85	5397.28	-311.73	155.91	-311.73	348.54	153.43	0.18
5417.00	1.26	20.69	5398.28	-311.71	155.92	-311.71	348.53	153.43	0.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5418.00	1.26	20.41	5399.28	-311.69	155.92	-311.69	348.51	153.42	0.67
5419.00	1.27	20.05	5400.28	-311.67	155.93	-311.67	348.50	153.42	0.83
5420.00	1.27	19.64	5401.28	-311.65	155.94	-311.65	348.48	153.42	0.94
5421.00	1.27	19.43	5402.28	-311.63	155.95	-311.63	348.47	153.42	0.55
5422.00	1.27	19.30	5403.28	-311.61	155.95	-311.61	348.45	153.41	0.40
5423.00	1.28	19.08	5404.28	-311.58	155.96	-311.58	348.44	153.41	0.61
5424.00	1.28	18.84	5405.28	-311.56	155.97	-311.56	348.42	153.41	0.66
5425.00	1.28	18.41	5406.28	-311.54	155.98	-311.54	348.41	153.40	0.95
5426.00	1.28	17.94	5407.28	-311.52	155.98	-311.52	348.39	153.40	1.05
5427.00	1.29	17.53	5408.28	-311.50	155.99	-311.50	348.37	153.40	0.97
5428.00	1.29	17.11	5409.28	-311.48	156.00	-311.48	348.36	153.40	0.96
5429.00	1.29	16.79	5410.28	-311.46	156.00	-311.46	348.34	153.39	0.93
5430.00	1.30	16.47	5411.28	-311.43	156.01	-311.43	348.33	153.39	0.94
5431.00	1.30	16.28	5412.28	-311.41	156.02	-311.41	348.31	153.39	0.44
5432.00	1.30	16.08	5413.27	-311.39	156.02	-311.39	348.29	153.39	0.46
5433.00	1.30	15.81	5414.27	-311.37	156.03	-311.37	348.28	153.38	0.65
5434.00	1.30	15.55	5415.27	-311.35	156.03	-311.35	348.26	153.38	0.65
5435.00	1.31	15.31	5416.27	-311.33	156.04	-311.33	348.24	153.38	0.69
5436.00	1.31	15.09	5417.27	-311.30	156.05	-311.30	348.22	153.38	0.62
5437.00	1.32	15.00	5418.27	-311.28	156.05	-311.28	348.21	153.37	0.35
5438.00	1.32	14.88	5419.27	-311.26	156.06	-311.26	348.19	153.37	0.38
5439.00	1.32	14.66	5420.27	-311.24	156.06	-311.24	348.17	153.37	0.54
5440.00	1.32	14.43	5421.27	-311.21	156.07	-311.21	348.16	153.37	0.56
5441.00	1.33	14.21	5422.27	-311.19	156.08	-311.19	348.14	153.36	0.61
5442.00	1.33	14.02	5423.27	-311.17	156.08	-311.17	348.12	153.36	0.48
5443.00	1.33	13.95	5424.27	-311.15	156.09	-311.15	348.10	153.36	0.18
5444.00	1.33	13.89	5425.27	-311.12	156.09	-311.12	348.09	153.36	0.14
5445.00	1.33	13.84	5426.27	-311.10	156.10	-311.10	348.07	153.35	0.17
5446.00	1.33	13.74	5427.27	-311.08	156.10	-311.08	348.05	153.35	0.37
5447.00	1.34	13.60	5428.27	-311.06	156.11	-311.06	348.03	153.35	0.63
5448.00	1.34	13.40	5429.27	-311.03	156.11	-311.03	348.01	153.35	0.50
5449.00	1.34	13.17	5430.27	-311.01	156.12	-311.01	348.00	153.34	0.54
5450.00	1.34	13.23	5431.27	-310.99	156.13	-310.99	347.98	153.34	0.17
5451.00	1.34	13.38	5432.27	-310.97	156.13	-310.97	347.96	153.34	0.34
5452.00	1.34	13.47	5433.27	-310.94	156.14	-310.94	347.94	153.34	0.32
5453.00	1.34	13.53	5434.27	-310.92	156.14	-310.92	347.93	153.33	0.29
5454.00	1.35	13.33	5435.27	-310.90	156.15	-310.90	347.91	153.33	0.57
5455.00	1.35	13.22	5436.27	-310.88	156.15	-310.88	347.89	153.33	0.37
5456.00	1.35	13.49	5437.27	-310.85	156.16	-310.85	347.87	153.33	0.65
5457.00	1.35	13.67	5438.27	-310.83	156.16	-310.83	347.85	153.32	0.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5458.00	1.35	13.62	5439.27	-310.81	156.17	-310.81	347.84	153.32	0.22
5459.00	1.36	13.51	5440.27	-310.78	156.17	-310.78	347.82	153.32	0.34
5460.00	1.36	13.28	5441.27	-310.76	156.18	-310.76	347.80	153.32	0.58
5461.00	1.36	13.01	5442.27	-310.74	156.19	-310.74	347.78	153.31	0.68
5462.00	1.36	12.68	5443.27	-310.71	156.19	-310.71	347.76	153.31	0.79
5463.00	1.36	12.50	5444.27	-310.69	156.20	-310.69	347.74	153.31	0.47
5464.00	1.36	12.42	5445.27	-310.67	156.20	-310.67	347.73	153.31	0.28
5465.00	1.37	12.33	5446.27	-310.64	156.21	-310.64	347.71	153.30	0.44
5466.00	1.37	12.24	5447.27	-310.62	156.21	-310.62	347.69	153.30	0.56
5467.00	1.37	12.08	5448.27	-310.60	156.22	-310.60	347.67	153.30	0.37
5468.00	1.37	11.89	5449.26	-310.57	156.22	-310.57	347.65	153.30	0.52
5469.00	1.37	11.81	5450.26	-310.55	156.23	-310.55	347.63	153.29	0.20
5470.00	1.37	11.81	5451.26	-310.53	156.23	-310.53	347.61	153.29	0.23
5471.00	1.38	11.79	5452.26	-310.50	156.24	-310.50	347.59	153.29	0.16
5472.00	1.38	11.77	5453.26	-310.48	156.24	-310.48	347.58	153.29	0.13
5473.00	1.38	11.78	5454.26	-310.46	156.25	-310.46	347.56	153.28	0.05
5474.00	1.38	11.80	5455.26	-310.43	156.25	-310.43	347.54	153.28	0.05
5475.00	1.38	11.74	5456.26	-310.41	156.26	-310.41	347.52	153.28	0.15
5476.00	1.38	11.67	5457.26	-310.39	156.26	-310.39	347.50	153.28	0.20
5477.00	1.38	11.51	5458.26	-310.36	156.27	-310.36	347.48	153.28	0.40
5478.00	1.38	11.34	5459.26	-310.34	156.27	-310.34	347.46	153.27	0.45
5479.00	1.38	11.16	5460.26	-310.32	156.27	-310.32	347.44	153.27	0.49
5480.00	1.38	10.98	5461.26	-310.29	156.28	-310.29	347.42	153.27	0.51
5481.00	1.38	10.96	5462.26	-310.27	156.28	-310.27	347.41	153.27	0.34
5482.00	1.38	10.95	5463.26	-310.24	156.29	-310.24	347.39	153.26	0.40
5483.00	1.38	11.06	5464.26	-310.22	156.29	-310.22	347.37	153.26	0.54
5484.00	1.37	11.19	5465.26	-310.20	156.30	-310.20	347.35	153.26	0.64
5485.00	1.38	11.38	5466.26	-310.17	156.30	-310.17	347.33	153.26	0.48
5486.00	1.38	11.57	5467.26	-310.15	156.31	-310.15	347.31	153.25	0.52
5487.00	1.38	11.71	5468.26	-310.13	156.31	-310.13	347.29	153.25	0.37
5488.00	1.37	11.84	5469.26	-310.10	156.32	-310.10	347.27	153.25	0.38
5489.00	1.37	11.90	5470.26	-310.08	156.32	-310.08	347.25	153.25	0.15
5490.00	1.37	11.96	5471.26	-310.06	156.33	-310.06	347.24	153.24	0.16
5491.00	1.37	12.07	5472.26	-310.03	156.33	-310.03	347.22	153.24	0.26
5492.00	1.37	12.07	5473.26	-310.01	156.34	-310.01	347.20	153.24	0.07
5493.00	1.37	12.00	5474.26	-309.99	156.34	-309.99	347.18	153.24	0.20
5494.00	1.37	11.89	5475.26	-309.96	156.35	-309.96	347.16	153.23	0.27
5495.00	1.37	11.75	5476.26	-309.94	156.35	-309.94	347.14	153.23	0.35
5496.00	1.37	11.64	5477.26	-309.92	156.36	-309.92	347.12	153.23	0.27
5497.00	1.37	11.54	5478.26	-309.89	156.36	-309.89	347.11	153.23	0.24

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5498.00	1.37	11.44	5479.26	-309.87	156.37	-309.87	347.09	153.22	0.24
5499.00	1.37	11.35	5480.26	-309.85	156.37	-309.85	347.07	153.22	0.23
5500.00	1.37	11.25	5481.26	-309.82	156.38	-309.82	347.05	153.22	0.23
5501.00	1.37	11.17	5482.26	-309.80	156.38	-309.80	347.03	153.22	0.30
5502.00	1.37	11.09	5483.26	-309.77	156.38	-309.77	347.01	153.21	0.20
5503.00	1.37	11.01	5484.25	-309.75	156.39	-309.75	346.99	153.21	0.35
5504.00	1.37	10.96	5485.25	-309.73	156.39	-309.73	346.97	153.21	0.21
5505.00	1.38	10.93	5486.25	-309.70	156.40	-309.70	346.95	153.21	0.63
5506.00	1.38	10.85	5487.25	-309.68	156.40	-309.68	346.93	153.20	0.39
5507.00	1.38	10.70	5488.25	-309.66	156.41	-309.66	346.92	153.20	0.36
5508.00	1.38	10.53	5489.25	-309.63	156.41	-309.63	346.90	153.20	0.41
5509.00	1.39	10.35	5490.25	-309.61	156.42	-309.61	346.88	153.20	0.45
5510.00	1.39	10.28	5491.25	-309.59	156.42	-309.59	346.86	153.19	0.26
5511.00	1.39	10.26	5492.25	-309.56	156.43	-309.56	346.84	153.19	0.23
5512.00	1.39	10.16	5493.25	-309.54	156.43	-309.54	346.82	153.19	0.34
5513.00	1.40	10.06	5494.25	-309.51	156.43	-309.51	346.80	153.19	0.37
5514.00	1.40	9.99	5495.25	-309.49	156.44	-309.49	346.78	153.18	0.27
5515.00	1.40	9.94	5496.25	-309.47	156.44	-309.47	346.76	153.18	0.25
5516.00	1.40	10.00	5497.25	-309.44	156.45	-309.44	346.74	153.18	0.33
5517.00	1.41	10.08	5498.25	-309.42	156.45	-309.42	346.72	153.18	0.35
5518.00	1.41	10.09	5499.25	-309.39	156.45	-309.39	346.70	153.18	0.26
5519.00	1.41	10.08	5500.25	-309.37	156.46	-309.37	346.68	153.17	0.25
5520.00	1.41	10.17	5501.25	-309.34	156.46	-309.34	346.66	153.17	0.25
5521.00	1.41	10.27	5502.25	-309.32	156.47	-309.32	346.64	153.17	0.27
5522.00	1.41	10.20	5503.25	-309.30	156.47	-309.30	346.62	153.17	0.20
5523.00	1.41	10.10	5504.25	-309.27	156.48	-309.27	346.60	153.16	0.24
5524.00	1.42	10.06	5505.25	-309.25	156.48	-309.25	346.58	153.16	0.75
5525.00	1.43	10.01	5506.25	-309.22	156.49	-309.22	346.56	153.16	0.75
5526.00	1.43	10.00	5507.25	-309.20	156.49	-309.20	346.54	153.16	0.30
5527.00	1.42	9.98	5508.25	-309.17	156.49	-309.17	346.52	153.15	0.30
5528.00	1.42	9.95	5509.25	-309.15	156.50	-309.15	346.50	153.15	0.14
5529.00	1.43	9.92	5510.25	-309.12	156.50	-309.12	346.48	153.15	0.14
5530.00	1.43	9.91	5511.25	-309.10	156.51	-309.10	346.46	153.15	0.25
5531.00	1.43	9.91	5512.25	-309.08	156.51	-309.08	346.44	153.14	0.19
5532.00	1.43	9.94	5513.25	-309.05	156.52	-309.05	346.42	153.14	0.34
5533.00	1.42	9.97	5514.25	-309.03	156.52	-309.03	346.40	153.14	0.27
5534.00	1.43	9.94	5515.25	-309.00	156.52	-309.00	346.38	153.14	0.33
5535.00	1.43	9.90	5516.25	-308.98	156.53	-308.98	346.36	153.13	0.13
5536.00	1.42	9.86	5517.24	-308.95	156.53	-308.95	346.34	153.13	0.29
5537.00	1.42	9.83	5518.24	-308.93	156.54	-308.93	346.32	153.13	0.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5538.00	1.42	9.82	5519.24	-308.90	156.54	-308.90	346.30	153.13	0.08
5539.00	1.42	9.82	5520.24	-308.88	156.55	-308.88	346.28	153.12	0.10
5540.00	1.42	9.81	5521.24	-308.86	156.55	-308.86	346.26	153.12	0.37
5541.00	1.42	9.79	5522.24	-308.83	156.55	-308.83	346.25	153.12	0.28
5542.00	1.41	9.73	5523.24	-308.81	156.56	-308.81	346.23	153.12	0.18
5543.00	1.41	9.70	5524.24	-308.78	156.56	-308.78	346.21	153.11	0.06
5544.00	1.41	9.72	5525.24	-308.76	156.57	-308.76	346.19	153.11	0.04
5545.00	1.40	9.80	5526.24	-308.73	156.57	-308.73	346.17	153.11	1.15
5546.00	1.39	9.89	5527.24	-308.71	156.57	-308.71	346.15	153.11	0.84
5547.00	1.40	10.01	5528.24	-308.69	156.58	-308.69	346.13	153.10	0.55
5548.00	1.40	10.07	5529.24	-308.66	156.58	-308.66	346.11	153.10	0.28
5549.00	1.40	9.98	5530.24	-308.64	156.59	-308.64	346.09	153.10	0.35
5550.00	1.40	9.94	5531.24	-308.61	156.59	-308.61	346.07	153.10	0.19
5551.00	1.40	9.97	5532.24	-308.59	156.60	-308.59	346.05	153.09	0.07
5552.00	1.40	9.99	5533.24	-308.57	156.60	-308.57	346.03	153.09	0.07
5553.00	1.40	10.04	5534.24	-308.54	156.60	-308.54	346.01	153.09	0.35
5554.00	1.40	10.01	5535.24	-308.52	156.61	-308.52	345.99	153.09	0.09
5555.00	1.40	9.91	5536.24	-308.49	156.61	-308.49	345.97	153.08	0.33
5556.00	1.40	9.88	5537.24	-308.47	156.62	-308.47	345.95	153.08	0.17
5557.00	1.41	9.88	5538.24	-308.44	156.62	-308.44	345.93	153.08	0.38
5558.00	1.41	9.93	5539.24	-308.42	156.63	-308.42	345.91	153.08	0.14
5559.00	1.40	10.00	5540.24	-308.40	156.63	-308.40	345.89	153.07	0.19
5560.00	1.41	10.08	5541.24	-308.37	156.63	-308.37	345.87	153.07	0.26
5561.00	1.41	10.17	5542.24	-308.35	156.64	-308.35	345.85	153.07	0.84
5562.00	1.42	10.19	5543.24	-308.32	156.64	-308.32	345.83	153.07	0.39
5563.00	1.42	10.20	5544.24	-308.30	156.65	-308.30	345.81	153.06	0.34
5564.00	1.42	10.09	5545.24	-308.28	156.65	-308.28	345.79	153.06	0.29
5565.00	1.42	9.97	5546.24	-308.25	156.66	-308.25	345.77	153.06	0.29
5566.00	1.43	10.05	5547.24	-308.23	156.66	-308.23	345.75	153.06	0.75
5567.00	1.44	10.12	5548.24	-308.20	156.66	-308.20	345.73	153.05	0.68
5568.00	1.44	10.00	5549.24	-308.18	156.67	-308.18	345.71	153.05	0.34
5569.00	1.44	9.89	5550.23	-308.15	156.67	-308.15	345.69	153.05	0.30
5570.00	1.44	9.85	5551.23	-308.13	156.68	-308.13	345.67	153.05	0.17
5571.00	1.44	9.82	5552.23	-308.10	156.68	-308.10	345.65	153.04	0.18
5572.00	1.44	9.79	5553.23	-308.08	156.69	-308.08	345.63	153.04	0.22
5573.00	1.45	9.74	5554.23	-308.05	156.69	-308.05	345.61	153.04	0.22
5574.00	1.45	9.66	5555.23	-308.03	156.69	-308.03	345.59	153.04	0.25
5575.00	1.45	9.57	5556.23	-308.00	156.70	-308.00	345.57	153.03	0.24
5576.00	1.45	9.48	5557.23	-307.98	156.70	-307.98	345.55	153.03	0.24
5577.00	1.45	9.48	5558.23	-307.95	156.71	-307.95	345.53	153.03	0.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5578.00	1.45	9.53	5559.23	-307.93	156.71	-307.93	345.51	153.03	0.19
5579.00	1.45	9.56	5560.23	-307.90	156.72	-307.90	345.49	153.03	0.09
5580.00	1.45	9.58	5561.23	-307.88	156.72	-307.88	345.47	153.02	0.05
5581.00	1.45	9.57	5562.23	-307.85	156.72	-307.85	345.45	153.02	0.14
5582.00	1.45	9.54	5563.23	-307.83	156.73	-307.83	345.43	153.02	0.20
5583.00	1.45	9.41	5564.23	-307.80	156.73	-307.80	345.41	153.02	0.38
5584.00	1.44	9.25	5565.23	-307.78	156.74	-307.78	345.39	153.01	0.44
5585.00	1.45	9.25	5566.23	-307.75	156.74	-307.75	345.37	153.01	0.08
5586.00	1.45	9.28	5567.23	-307.73	156.74	-307.73	345.35	153.01	0.13
5587.00	1.45	9.33	5568.23	-307.70	156.75	-307.70	345.33	153.01	0.14
5588.00	1.44	9.38	5569.23	-307.68	156.75	-307.68	345.31	153.00	0.16
5589.00	1.44	9.29	5570.23	-307.65	156.76	-307.65	345.29	153.00	0.34
5590.00	1.44	9.21	5571.23	-307.63	156.76	-307.63	345.27	153.00	0.34
5591.00	1.44	9.08	5572.23	-307.60	156.76	-307.60	345.25	153.00	0.36
5592.00	1.44	8.96	5573.23	-307.58	156.77	-307.58	345.23	152.99	0.32
5593.00	1.44	8.91	5574.23	-307.56	156.77	-307.56	345.21	152.99	0.26
5594.00	1.44	8.89	5575.23	-307.53	156.78	-307.53	345.19	152.99	0.21
5595.00	1.44	8.99	5576.23	-307.51	156.78	-307.51	345.17	152.99	0.26
5596.00	1.44	9.05	5577.23	-307.48	156.78	-307.48	345.15	152.98	0.15
5597.00	1.44	9.02	5578.23	-307.46	156.79	-307.46	345.13	152.98	0.12
5598.00	1.44	8.99	5579.23	-307.43	156.79	-307.43	345.11	152.98	0.19
5599.00	1.44	8.95	5580.23	-307.41	156.80	-307.41	345.08	152.98	0.30
5600.00	1.44	8.93	5581.23	-307.38	156.80	-307.38	345.06	152.97	0.11
5601.00	1.44	8.91	5582.22	-307.36	156.80	-307.36	345.04	152.97	0.21
5602.00	1.44	8.90	5583.22	-307.33	156.81	-307.33	345.02	152.97	0.02
5603.00	1.44	8.91	5584.22	-307.31	156.81	-307.31	345.00	152.97	0.21
5604.00	1.44	8.79	5585.22	-307.28	156.82	-307.28	344.98	152.96	0.33
5605.00	1.45	8.59	5586.22	-307.26	156.82	-307.26	344.96	152.96	0.51
5606.00	1.45	8.37	5587.22	-307.23	156.82	-307.23	344.94	152.96	0.56
5607.00	1.45	8.14	5588.22	-307.21	156.83	-307.21	344.92	152.96	0.58
5608.00	1.45	7.98	5589.22	-307.18	156.83	-307.18	344.90	152.95	0.39
5609.00	1.45	7.85	5590.22	-307.16	156.83	-307.16	344.88	152.95	0.34
5610.00	1.45	7.61	5591.22	-307.13	156.84	-307.13	344.86	152.95	0.61
5611.00	1.45	7.35	5592.22	-307.11	156.84	-307.11	344.84	152.95	0.64
5612.00	1.45	7.27	5593.22	-307.08	156.84	-307.08	344.82	152.94	0.22
5613.00	1.45	7.19	5594.22	-307.06	156.85	-307.06	344.80	152.94	0.22
5614.00	1.45	7.19	5595.22	-307.03	156.85	-307.03	344.78	152.94	0.01
5615.00	1.45	7.19	5596.22	-307.01	156.85	-307.01	344.76	152.94	0.02
5616.00	1.45	7.11	5597.22	-306.98	156.86	-306.98	344.73	152.93	0.31
5617.00	1.45	7.03	5598.22	-306.96	156.86	-306.96	344.71	152.93	0.30

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5618.00	1.46	6.94	5599.22	-306.93	156.86	-306.93	344.69	152.93	0.28
5619.00	1.45	6.86	5600.22	-306.91	156.87	-306.91	344.67	152.93	0.27
5620.00	1.45	6.79	5601.22	-306.88	156.87	-306.88	344.65	152.93	0.42
5621.00	1.45	6.77	5602.22	-306.86	156.87	-306.86	344.63	152.92	0.16
5622.00	1.46	6.77	5603.22	-306.83	156.87	-306.83	344.61	152.92	0.50
5623.00	1.46	6.76	5604.22	-306.81	156.88	-306.81	344.59	152.92	0.20
5624.00	1.46	6.73	5605.22	-306.78	156.88	-306.78	344.57	152.92	0.29
5625.00	1.45	6.68	5606.22	-306.75	156.88	-306.75	344.54	152.91	0.18
5626.00	1.45	6.62	5607.22	-306.73	156.89	-306.73	344.52	152.91	0.17
5627.00	1.45	6.62	5608.22	-306.70	156.89	-306.70	344.50	152.91	0.01
5628.00	1.45	6.65	5609.22	-306.68	156.89	-306.68	344.48	152.91	0.07
5629.00	1.46	6.67	5610.22	-306.65	156.90	-306.65	344.46	152.90	0.14
5630.00	1.46	6.69	5611.22	-306.63	156.90	-306.63	344.44	152.90	0.18
5631.00	1.46	6.87	5612.22	-306.60	156.90	-306.60	344.42	152.90	0.56
5632.00	1.46	7.09	5613.21	-306.58	156.90	-306.58	344.40	152.90	0.67
5633.00	1.47	7.16	5614.21	-306.55	156.91	-306.55	344.38	152.89	0.33
5634.00	1.47	7.19	5615.21	-306.53	156.91	-306.53	344.35	152.89	0.26
5635.00	1.47	7.22	5616.21	-306.50	156.91	-306.50	344.33	152.89	0.08
5636.00	1.47	7.25	5617.21	-306.48	156.92	-306.48	344.31	152.89	0.07
5637.00	1.47	7.24	5618.21	-306.45	156.92	-306.45	344.29	152.88	0.23
5638.00	1.48	7.25	5619.21	-306.43	156.92	-306.43	344.27	152.88	0.31
5639.00	1.48	7.22	5620.21	-306.40	156.93	-306.40	344.25	152.88	0.07
5640.00	1.48	7.20	5621.21	-306.37	156.93	-306.37	344.23	152.88	0.07
5641.00	1.48	7.17	5622.21	-306.35	156.93	-306.35	344.21	152.88	0.07
5642.00	1.48	7.15	5623.21	-306.32	156.94	-306.32	344.18	152.87	0.07
5643.00	1.48	7.12	5624.21	-306.30	156.94	-306.30	344.16	152.87	0.07
5644.00	1.48	7.10	5625.21	-306.27	156.94	-306.27	344.14	152.87	0.07
5645.00	1.48	7.07	5626.21	-306.25	156.95	-306.25	344.12	152.87	0.07
5646.00	1.48	7.05	5627.21	-306.22	156.95	-306.22	344.10	152.86	0.07
5647.00	1.48	7.02	5628.21	-306.20	156.95	-306.20	344.08	152.86	0.07
5648.00	1.48	7.00	5629.21	-306.17	156.96	-306.17	344.06	152.86	0.07
5649.00	1.48	6.97	5630.21	-306.14	156.96	-306.14	344.04	152.86	0.07
5650.00	1.48	6.95	5631.21	-306.12	156.96	-306.12	344.01	152.85	0.07
5651.00	1.48	6.92	5632.21	-306.09	156.96	-306.09	343.99	152.85	0.07
5652.00	1.48	6.90	5633.21	-306.07	156.97	-306.07	343.97	152.85	0.07
5653.00	1.48	6.87	5634.21	-306.04	156.97	-306.04	343.95	152.85	0.07
5654.00	1.48	6.85	5635.21	-306.02	156.97	-306.02	343.93	152.84	0.07
5655.00	1.48	6.82	5636.21	-305.99	156.98	-305.99	343.91	152.84	0.07
5656.00	1.48	6.80	5637.21	-305.96	156.98	-305.96	343.89	152.84	0.07
5657.00	1.48	6.77	5638.21	-305.94	156.98	-305.94	343.86	152.84	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5658.00	1.48	6.75	5639.21	-305.91	156.99	-305.91	343.84	152.83	0.07
5659.00	1.48	6.72	5640.21	-305.89	156.99	-305.89	343.82	152.83	0.07
5660.00	1.48	6.70	5641.21	-305.86	156.99	-305.86	343.80	152.83	0.07
5661.00	1.48	6.67	5642.21	-305.84	157.00	-305.84	343.78	152.83	0.07
5662.00	1.48	6.65	5643.20	-305.81	157.00	-305.81	343.76	152.82	0.07
5663.00	1.48	6.62	5644.20	-305.79	157.00	-305.79	343.74	152.82	0.07
5664.00	1.48	6.60	5645.20	-305.76	157.00	-305.76	343.71	152.82	0.07
5665.00	1.48	6.57	5646.20	-305.73	157.01	-305.73	343.69	152.82	0.07
5666.00	1.48	6.55	5647.20	-305.71	157.01	-305.71	343.67	152.82	0.07
5667.00	1.48	6.52	5648.20	-305.68	157.01	-305.68	343.65	152.81	0.07
5668.00	1.48	6.50	5649.20	-305.66	157.02	-305.66	343.63	152.81	0.07
5669.00	1.48	6.47	5650.20	-305.63	157.02	-305.63	343.61	152.81	0.07
5670.00	1.48	6.45	5651.20	-305.61	157.02	-305.61	343.59	152.81	0.07
5671.00	1.48	6.42	5652.20	-305.58	157.02	-305.58	343.56	152.80	0.07
5672.00	1.48	6.40	5653.20	-305.55	157.03	-305.55	343.54	152.80	0.07
5673.00	1.48	6.37	5654.20	-305.53	157.03	-305.53	343.52	152.80	0.07
5674.00	1.48	6.35	5655.20	-305.50	157.03	-305.50	343.50	152.80	0.07
5675.00	1.48	6.32	5656.20	-305.48	157.04	-305.48	343.48	152.79	0.07
5676.00	1.48	6.30	5657.20	-305.45	157.04	-305.45	343.46	152.79	0.07
5677.00	1.48	6.27	5658.20	-305.43	157.04	-305.43	343.43	152.79	0.07
5678.00	1.48	6.25	5659.20	-305.40	157.04	-305.40	343.41	152.79	0.07
5679.00	1.48	6.22	5660.20	-305.37	157.05	-305.37	343.39	152.78	0.07
5680.00	1.48	6.19	5661.20	-305.35	157.05	-305.35	343.37	152.78	0.07
5681.00	1.48	6.17	5662.20	-305.32	157.05	-305.32	343.35	152.78	0.07
5682.00	1.48	6.14	5663.20	-305.30	157.06	-305.30	343.33	152.78	0.07
5683.00	1.48	6.12	5664.20	-305.27	157.06	-305.27	343.30	152.77	0.07
5684.00	1.48	6.09	5665.20	-305.25	157.06	-305.25	343.28	152.77	0.07
5685.00	1.48	6.07	5666.20	-305.22	157.06	-305.22	343.26	152.77	0.07
5686.00	1.48	6.04	5667.20	-305.19	157.07	-305.19	343.24	152.77	0.07
5687.00	1.48	6.02	5668.20	-305.17	157.07	-305.17	343.22	152.77	0.07
5688.00	1.48	5.99	5669.20	-305.14	157.07	-305.14	343.20	152.76	0.07
5689.00	1.49	5.97	5670.20	-305.12	157.08	-305.12	343.17	152.76	0.07
5690.00	1.49	5.94	5671.20	-305.09	157.08	-305.09	343.15	152.76	0.07
5691.00	1.49	5.92	5672.20	-305.07	157.08	-305.07	343.13	152.76	0.07
5692.00	1.49	5.89	5673.19	-305.04	157.08	-305.04	343.11	152.75	0.07
5693.00	1.49	5.87	5674.19	-305.01	157.09	-305.01	343.09	152.75	0.07
5694.00	1.49	5.84	5675.19	-304.99	157.09	-304.99	343.07	152.75	0.07
5695.00	1.49	5.82	5676.19	-304.96	157.09	-304.96	343.04	152.75	0.07
5696.00	1.49	5.79	5677.19	-304.94	157.09	-304.94	343.02	152.74	0.07
5697.00	1.49	5.77	5678.19	-304.91	157.10	-304.91	343.00	152.74	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5698.00	1.49	5.74	5679.19	-304.88	157.10	-304.88	342.98	152.74	0.07
5699.00	1.49	5.72	5680.19	-304.86	157.10	-304.86	342.96	152.74	0.07
5700.00	1.49	5.69	5681.19	-304.83	157.10	-304.83	342.94	152.73	0.07
5701.00	1.49	5.67	5682.19	-304.81	157.11	-304.81	342.91	152.73	0.07
5702.00	1.49	5.64	5683.19	-304.78	157.11	-304.78	342.89	152.73	0.07
5703.00	1.49	5.62	5684.19	-304.76	157.11	-304.76	342.87	152.73	0.07
5704.00	1.49	5.59	5685.19	-304.73	157.11	-304.73	342.85	152.72	0.07
5705.00	1.49	5.57	5686.19	-304.70	157.12	-304.70	342.83	152.72	0.07
5706.00	1.49	5.54	5687.19	-304.68	157.12	-304.68	342.80	152.72	0.07
5707.00	1.49	5.52	5688.19	-304.65	157.12	-304.65	342.78	152.72	0.07
5708.00	1.49	5.49	5689.19	-304.63	157.12	-304.63	342.76	152.72	0.07
5709.00	1.49	5.47	5690.19	-304.60	157.13	-304.60	342.74	152.71	0.07
5710.00	1.49	5.44	5691.19	-304.57	157.13	-304.57	342.72	152.71	0.07
5711.00	1.49	5.42	5692.19	-304.55	157.13	-304.55	342.70	152.71	0.07
5712.00	1.49	5.39	5693.19	-304.52	157.13	-304.52	342.67	152.71	0.07
5713.00	1.49	5.37	5694.19	-304.50	157.14	-304.50	342.65	152.70	0.07
5714.00	1.49	5.34	5695.19	-304.47	157.14	-304.47	342.63	152.70	0.07
5715.00	1.49	5.32	5696.19	-304.44	157.14	-304.44	342.61	152.70	0.07
5716.00	1.49	5.29	5697.19	-304.42	157.14	-304.42	342.59	152.70	0.07
5717.00	1.49	5.27	5698.19	-304.39	157.15	-304.39	342.56	152.69	0.07
5718.00	1.49	5.24	5699.19	-304.37	157.15	-304.37	342.54	152.69	0.07
5719.00	1.49	5.22	5700.19	-304.34	157.15	-304.34	342.52	152.69	0.07
5720.00	1.49	5.19	5701.19	-304.32	157.15	-304.32	342.50	152.69	0.07
5721.00	1.49	5.17	5702.19	-304.29	157.16	-304.29	342.48	152.69	0.07
5722.00	1.49	5.14	5703.18	-304.26	157.16	-304.26	342.45	152.68	0.07
5723.00	1.49	5.12	5704.18	-304.24	157.16	-304.24	342.43	152.68	0.07
5724.00	1.49	5.09	5705.18	-304.21	157.16	-304.21	342.41	152.68	0.07
5725.00	1.49	5.07	5706.18	-304.19	157.17	-304.19	342.39	152.68	0.07
5726.00	1.49	5.04	5707.18	-304.16	157.17	-304.16	342.37	152.67	0.07
5727.00	1.49	5.02	5708.18	-304.13	157.17	-304.13	342.34	152.67	0.07
5728.00	1.49	4.99	5709.18	-304.11	157.17	-304.11	342.32	152.67	0.07
5729.00	1.49	4.97	5710.18	-304.08	157.17	-304.08	342.30	152.67	0.07
5730.00	1.49	4.94	5711.18	-304.06	157.18	-304.06	342.28	152.66	0.07
5731.00	1.49	4.92	5712.18	-304.03	157.18	-304.03	342.26	152.66	0.07
5732.00	1.49	4.89	5713.18	-304.00	157.18	-304.00	342.23	152.66	0.07
5733.00	1.49	4.87	5714.18	-303.98	157.18	-303.98	342.21	152.66	0.07
5734.00	1.49	4.84	5715.18	-303.95	157.19	-303.95	342.19	152.65	0.07
5735.00	1.49	4.82	5716.18	-303.93	157.19	-303.93	342.17	152.65	0.07
5736.00	1.49	4.79	5717.18	-303.90	157.19	-303.90	342.15	152.65	0.07
5737.00	1.49	4.77	5718.18	-303.87	157.19	-303.87	342.12	152.65	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5738.00	1.49	4.74	5719.18	-303.85	157.19	-303.85	342.10	152.65	0.07
5739.00	1.49	4.72	5720.18	-303.82	157.20	-303.82	342.08	152.64	0.07
5740.00	1.49	4.69	5721.18	-303.80	157.20	-303.80	342.06	152.64	0.07
5741.00	1.49	4.67	5722.18	-303.77	157.20	-303.77	342.04	152.64	0.07
5742.00	1.50	4.64	5723.18	-303.74	157.20	-303.74	342.01	152.64	0.07
5743.00	1.50	4.62	5724.18	-303.72	157.20	-303.72	341.99	152.63	0.07
5744.00	1.50	4.59	5725.18	-303.69	157.21	-303.69	341.97	152.63	0.07
5745.00	1.50	4.57	5726.18	-303.67	157.21	-303.67	341.95	152.63	0.07
5746.00	1.50	4.54	5727.18	-303.64	157.21	-303.64	341.92	152.63	0.07
5747.00	1.50	4.52	5728.18	-303.61	157.21	-303.61	341.90	152.62	0.07
5748.00	1.50	4.49	5729.18	-303.59	157.22	-303.59	341.88	152.62	0.07
5749.00	1.50	4.47	5730.18	-303.56	157.22	-303.56	341.86	152.62	0.07
5750.00	1.50	4.44	5731.18	-303.54	157.22	-303.54	341.84	152.62	0.07
5751.00	1.50	4.42	5732.17	-303.51	157.22	-303.51	341.81	152.62	0.07
5752.00	1.50	4.39	5733.17	-303.48	157.22	-303.48	341.79	152.61	0.07
5753.00	1.50	4.37	5734.17	-303.46	157.23	-303.46	341.77	152.61	0.07
5754.00	1.50	4.34	5735.17	-303.43	157.23	-303.43	341.75	152.61	0.07
5755.00	1.50	4.32	5736.17	-303.41	157.23	-303.41	341.73	152.61	0.07
5756.00	1.50	4.29	5737.17	-303.38	157.23	-303.38	341.70	152.60	0.07
5757.00	1.50	4.27	5738.17	-303.35	157.23	-303.35	341.68	152.60	0.07
5758.00	1.50	4.24	5739.17	-303.33	157.23	-303.33	341.66	152.60	0.07
5759.00	1.50	4.22	5740.17	-303.30	157.24	-303.30	341.64	152.60	0.07
5760.00	1.50	4.19	5741.17	-303.28	157.24	-303.28	341.61	152.59	0.07
5761.00	1.50	4.17	5742.17	-303.25	157.24	-303.25	341.59	152.59	0.07
5762.00	1.50	4.14	5743.17	-303.22	157.24	-303.22	341.57	152.59	0.07
5763.00	1.50	4.12	5744.17	-303.20	157.24	-303.20	341.55	152.59	0.07
5764.00	1.50	4.09	5745.17	-303.17	157.25	-303.17	341.52	152.59	0.07
5765.00	1.50	4.07	5746.17	-303.14	157.25	-303.14	341.50	152.58	0.07
5766.00	1.50	4.04	5747.17	-303.12	157.25	-303.12	341.48	152.58	0.07
5767.00	1.50	4.02	5748.17	-303.09	157.25	-303.09	341.46	152.58	0.07
5768.00	1.50	3.99	5749.17	-303.07	157.25	-303.07	341.44	152.58	0.07
5769.00	1.50	3.97	5750.17	-303.04	157.26	-303.04	341.41	152.57	0.07
5770.00	1.50	3.94	5751.17	-303.01	157.26	-303.01	341.39	152.57	0.07
5771.00	1.50	3.93	5752.17	-302.99	157.26	-302.99	341.37	152.57	0.06
5772.00	1.50	3.92	5753.17	-302.96	157.26	-302.96	341.35	152.57	0.06
5773.00	1.50	3.91	5754.17	-302.94	157.26	-302.94	341.32	152.56	0.06
5774.00	1.50	3.90	5755.17	-302.91	157.26	-302.91	341.30	152.56	0.06
5775.00	1.50	3.91	5756.17	-302.88	157.27	-302.88	341.28	152.56	0.12
5776.00	1.51	3.96	5757.17	-302.86	157.27	-302.86	341.26	152.56	0.24
5777.00	1.51	3.92	5758.17	-302.83	157.27	-302.83	341.23	152.56	0.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5778.00	1.51	3.78	5759.17	-302.80	157.27	-302.80	341.21	152.55	0.39
5779.00	1.51	3.65	5760.17	-302.78	157.27	-302.78	341.19	152.55	0.37
5780.00	1.51	3.52	5761.16	-302.75	157.28	-302.75	341.17	152.55	0.35
5781.00	1.51	3.46	5762.16	-302.73	157.28	-302.73	341.14	152.55	0.31
5782.00	1.52	3.48	5763.16	-302.70	157.28	-302.70	341.12	152.54	0.44
5783.00	1.52	3.51	5764.16	-302.67	157.28	-302.67	341.10	152.54	0.11
5784.00	1.52	3.55	5765.16	-302.65	157.28	-302.65	341.08	152.54	0.20
5785.00	1.52	3.65	5766.16	-302.62	157.28	-302.62	341.05	152.54	0.27
5786.00	1.52	3.77	5767.16	-302.59	157.28	-302.59	341.03	152.54	0.34
5787.00	1.52	3.89	5768.16	-302.57	157.29	-302.57	341.01	152.53	0.35
5788.00	1.51	4.01	5769.16	-302.54	157.29	-302.54	340.98	152.53	0.40
5789.00	1.51	4.16	5770.16	-302.51	157.29	-302.51	340.96	152.53	0.54
5790.00	1.51	4.34	5771.16	-302.49	157.29	-302.49	340.94	152.53	0.60
5791.00	1.51	4.46	5772.16	-302.46	157.29	-302.46	340.92	152.52	0.41
5792.00	1.51	4.57	5773.16	-302.44	157.30	-302.44	340.90	152.52	0.49
5793.00	1.51	4.81	5774.16	-302.41	157.30	-302.41	340.87	152.52	0.65
5794.00	1.51	5.08	5775.16	-302.38	157.30	-302.38	340.85	152.52	0.79
5795.00	1.51	5.13	5776.16	-302.36	157.30	-302.36	340.83	152.51	0.21
5796.00	1.50	5.16	5777.16	-302.33	157.31	-302.33	340.81	152.51	0.16
5797.00	1.50	4.95	5778.16	-302.30	157.31	-302.30	340.78	152.51	0.58
5798.00	1.50	4.71	5779.16	-302.28	157.31	-302.28	340.76	152.51	0.65
5799.00	1.50	4.39	5780.16	-302.25	157.31	-302.25	340.74	152.50	0.87
5800.00	1.50	4.19	5781.16	-302.23	157.31	-302.23	340.72	152.50	0.53
5801.00	1.50	4.11	5782.16	-302.20	157.32	-302.20	340.70	152.50	0.23
5802.00	1.50	4.02	5783.16	-302.17	157.32	-302.17	340.67	152.50	0.26
5803.00	1.50	3.92	5784.16	-302.15	157.32	-302.15	340.65	152.50	0.41
5804.00	1.50	3.78	5785.16	-302.12	157.32	-302.12	340.63	152.49	0.36
5805.00	1.50	3.62	5786.16	-302.10	157.32	-302.10	340.61	152.49	0.46
5806.00	1.50	3.54	5787.16	-302.07	157.32	-302.07	340.58	152.49	0.21
5807.00	1.50	3.49	5788.16	-302.04	157.33	-302.04	340.56	152.49	0.12
5808.00	1.50	3.41	5789.16	-302.02	157.33	-302.02	340.54	152.48	0.23
5809.00	1.50	3.30	5790.15	-301.99	157.33	-301.99	340.52	152.48	0.28
5810.00	1.50	3.21	5791.15	-301.97	157.33	-301.97	340.49	152.48	0.40
5811.00	1.51	3.12	5792.15	-301.94	157.33	-301.94	340.47	152.48	0.44
5812.00	1.51	3.10	5793.15	-301.91	157.33	-301.91	340.45	152.47	0.11
5813.00	1.50	3.08	5794.15	-301.89	157.34	-301.89	340.43	152.47	0.14
5814.00	1.51	2.99	5795.15	-301.86	157.34	-301.86	340.40	152.47	0.28
5815.00	1.51	2.90	5796.15	-301.83	157.34	-301.83	340.38	152.47	0.32
5816.00	1.51	2.79	5797.15	-301.81	157.34	-301.81	340.36	152.47	0.32
5817.00	1.51	2.69	5798.15	-301.78	157.34	-301.78	340.34	152.46	0.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5818.00	1.51	2.57	5799.15	-301.76	157.34	-301.76	340.31	152.46	0.41
5819.00	1.52	2.46	5800.15	-301.73	157.34	-301.73	340.29	152.46	0.34
5820.00	1.51	2.55	5801.15	-301.70	157.34	-301.70	340.27	152.46	0.23
5821.00	1.51	2.64	5802.15	-301.68	157.35	-301.68	340.24	152.45	0.26
5822.00	1.51	2.85	5803.15	-301.65	157.35	-301.65	340.22	152.45	0.54
5823.00	1.51	3.03	5804.15	-301.62	157.35	-301.62	340.20	152.45	0.48
5824.00	1.52	3.11	5805.15	-301.60	157.35	-301.60	340.18	152.45	0.25
5825.00	1.52	3.19	5806.15	-301.57	157.35	-301.57	340.15	152.45	0.24
5826.00	1.52	3.27	5807.15	-301.54	157.35	-301.54	340.13	152.44	0.21
5827.00	1.52	3.35	5808.15	-301.52	157.35	-301.52	340.11	152.44	0.21
5828.00	1.52	3.43	5809.15	-301.49	157.36	-301.49	340.08	152.44	0.23
5829.00	1.52	3.53	5810.15	-301.46	157.36	-301.46	340.06	152.44	0.24
5830.00	1.52	3.65	5811.15	-301.44	157.36	-301.44	340.04	152.43	0.38
5831.00	1.52	3.75	5812.15	-301.41	157.36	-301.41	340.02	152.43	0.26
5832.00	1.52	3.79	5813.15	-301.39	157.36	-301.39	339.99	152.43	0.42
5833.00	1.51	3.84	5814.15	-301.36	157.36	-301.36	339.97	152.43	0.40
5834.00	1.51	3.89	5815.15	-301.33	157.37	-301.33	339.95	152.43	0.35
5835.00	1.51	3.92	5816.15	-301.31	157.37	-301.31	339.93	152.42	0.13
5836.00	1.51	3.91	5817.15	-301.28	157.37	-301.28	339.90	152.42	0.44
5837.00	1.52	3.77	5818.15	-301.25	157.37	-301.25	339.88	152.42	1.11
5838.00	1.52	3.74	5819.14	-301.23	157.37	-301.23	339.86	152.42	0.13
5839.00	1.51	4.18	5820.14	-301.20	157.37	-301.20	339.84	152.41	1.92
5840.00	1.51	4.36	5821.14	-301.17	157.38	-301.17	339.81	152.41	0.49
5841.00	1.53	3.41	5822.14	-301.15	157.38	-301.15	339.79	152.41	3.27
5842.00	1.51	4.43	5823.14	-301.12	157.38	-301.12	339.77	152.41	3.29
5843.00	1.54	3.37	5824.14	-301.10	157.38	-301.10	339.75	152.40	3.81
5844.00	1.51	4.29	5825.14	-301.07	157.38	-301.07	339.72	152.40	3.60
5845.00	1.54	3.20	5826.14	-301.04	157.39	-301.04	339.70	152.40	3.95
5846.00	1.52	3.93	5827.14	-301.02	157.39	-301.02	339.68	152.40	2.74
5847.00	1.54	3.08	5828.14	-300.99	157.39	-300.99	339.66	152.39	3.01
5848.00	1.52	3.63	5829.14	-300.96	157.39	-300.96	339.63	152.39	2.62
5849.00	1.55	2.83	5830.14	-300.94	157.39	-300.94	339.61	152.39	3.67
5850.00	1.53	3.40	5831.14	-300.91	157.39	-300.91	339.59	152.39	2.54
5851.00	1.55	2.49	5832.14	-300.88	157.39	-300.88	339.56	152.39	3.68
5852.00	1.52	3.36	5833.14	-300.86	157.40	-300.86	339.54	152.38	3.75
5853.00	1.55	2.51	5834.14	-300.83	157.40	-300.83	339.52	152.38	3.53
5854.00	1.53	2.99	5835.14	-300.80	157.40	-300.80	339.49	152.38	2.11
5855.00	1.56	2.14	5836.14	-300.77	157.40	-300.77	339.47	152.38	3.33
5856.00	1.54	2.71	5837.14	-300.75	157.40	-300.75	339.45	152.37	2.46
5857.00	1.56	2.04	5838.14	-300.72	157.40	-300.72	339.42	152.37	2.47

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5858.00	1.54	2.48	5839.14	-300.69	157.40	-300.69	339.40	152.37	1.65
5859.00	1.55	2.04	5840.14	-300.67	157.40	-300.67	339.38	152.37	1.45
5860.00	1.55	2.22	5841.14	-300.64	157.41	-300.64	339.35	152.36	0.85
5861.00	1.55	1.80	5842.14	-300.61	157.41	-300.61	339.33	152.36	1.27
5862.00	1.55	1.81	5843.14	-300.59	157.41	-300.59	339.31	152.36	0.18
5863.00	1.55	1.66	5844.14	-300.56	157.41	-300.56	339.28	152.36	0.58
5864.00	1.56	1.35	5845.14	-300.53	157.41	-300.53	339.26	152.36	0.91
5865.00	1.55	1.42	5846.14	-300.50	157.41	-300.50	339.24	152.35	0.30
5866.00	1.56	1.00	5847.13	-300.48	157.41	-300.48	339.21	152.35	1.38
5867.00	1.55	1.47	5848.13	-300.45	157.41	-300.45	339.19	152.35	1.65
5868.00	1.57	0.76	5849.13	-300.42	157.41	-300.42	339.16	152.35	2.70
5869.00	1.55	1.92	5850.13	-300.40	157.41	-300.40	339.14	152.34	3.72
5870.00	1.59	0.14	5851.13	-300.37	157.41	-300.37	339.12	152.34	6.00
5871.00	1.59	0.01	5852.13	-300.34	157.41	-300.34	339.09	152.34	0.39
5872.00	1.59	359.88	5853.13	-300.31	157.41	-300.31	339.07	152.34	0.39
5873.00	1.59	359.71	5854.13	-300.29	157.41	-300.29	339.04	152.34	0.54
5874.00	1.60	359.54	5855.13	-300.26	157.41	-300.26	339.02	152.33	0.60
5875.00	1.59	359.40	5856.13	-300.23	157.41	-300.23	338.99	152.33	0.44
5876.00	1.59	359.29	5857.13	-300.20	157.41	-300.20	338.97	152.33	0.37
5877.00	1.60	359.23	5858.13	-300.17	157.41	-300.17	338.94	152.33	0.55
5878.00	1.60	359.07	5859.13	-300.15	157.41	-300.15	338.92	152.33	0.52
5879.00	1.60	358.77	5860.13	-300.12	157.41	-300.12	338.89	152.32	0.87
5880.00	1.60	358.60	5861.13	-300.09	157.41	-300.09	338.87	152.32	0.48
5881.00	1.60	358.57	5862.13	-300.06	157.41	-300.06	338.84	152.32	0.37
5882.00	1.61	358.42	5863.13	-300.03	157.41	-300.03	338.82	152.32	0.47
5883.00	1.61	358.19	5864.13	-300.01	157.41	-300.01	338.79	152.31	0.67
5884.00	1.61	358.15	5865.13	-299.98	157.41	-299.98	338.77	152.31	0.12
5885.00	1.61	358.16	5866.13	-299.95	157.41	-299.95	338.74	152.31	0.09
5886.00	1.61	358.06	5867.13	-299.92	157.40	-299.92	338.72	152.31	0.43
5887.00	1.61	357.95	5868.13	-299.89	157.40	-299.89	338.69	152.31	0.49
5888.00	1.61	357.77	5869.13	-299.87	157.40	-299.87	338.67	152.30	0.53
5889.00	1.61	357.59	5870.13	-299.84	157.40	-299.84	338.64	152.30	0.51
5890.00	1.61	357.45	5871.13	-299.81	157.40	-299.81	338.62	152.30	0.46
5891.00	1.62	357.32	5872.12	-299.78	157.40	-299.78	338.59	152.30	0.41
5892.00	1.62	357.24	5873.12	-299.75	157.40	-299.75	338.56	152.30	0.24
5893.00	1.62	357.13	5874.12	-299.73	157.40	-299.73	338.54	152.29	0.30
5894.00	1.62	356.99	5875.12	-299.70	157.39	-299.70	338.51	152.29	0.44
5895.00	1.62	356.83	5876.12	-299.67	157.39	-299.67	338.49	152.29	0.55
5896.00	1.63	356.65	5877.12	-299.64	157.39	-299.64	338.46	152.29	0.74
5897.00	1.63	356.52	5878.12	-299.61	157.39	-299.61	338.44	152.29	0.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5898.00	1.63	356.40	5879.12	-299.58	157.39	-299.58	338.41	152.28	0.36
5899.00	1.50	6.39	5880.12	-299.56	157.39	-299.56	338.39	152.28	30.19
5900.00	1.61	358.44	5881.12	-299.53	157.39	-299.53	338.36	152.28	24.12
5901.00	1.64	356.37	5882.12	-299.50	157.39	-299.50	338.34	152.28	6.53
5902.00	1.64	356.37	5883.12	-299.47	157.39	-299.47	338.31	152.28	0.05
5903.00	1.64	356.43	5884.12	-299.44	157.38	-299.44	338.29	152.27	0.17
5904.00	1.64	356.49	5885.12	-299.42	157.38	-299.42	338.26	152.27	0.18
5905.00	1.56	2.12	5886.12	-299.39	157.38	-299.39	338.23	152.27	17.69
5906.00	1.59	359.88	5887.12	-299.36	157.38	-299.36	338.21	152.27	7.02
5907.00	1.58	0.38	5888.12	-299.33	157.38	-299.33	338.19	152.27	1.69
5908.00	1.53	3.92	5889.12	-299.31	157.38	-299.31	338.16	152.26	10.77
5909.00	1.57	1.17	5890.12	-299.28	157.39	-299.28	338.14	152.26	8.33
5910.00	1.55	2.42	5891.12	-299.25	157.39	-299.25	338.11	152.26	3.76
5911.00	1.58	0.56	5892.12	-299.22	157.39	-299.22	338.09	152.26	5.80
5912.00	1.53	4.26	5893.12	-299.20	157.39	-299.20	338.07	152.25	11.46
5913.00	1.59	359.61	5894.12	-299.17	157.39	-299.17	338.04	152.25	14.17
5914.00	1.52	4.40	5895.12	-299.14	157.39	-299.14	338.02	152.25	14.89
5915.00	1.59	358.88	5896.12	-299.12	157.39	-299.12	338.00	152.25	16.74
5916.00	1.51	4.52	5897.12	-299.09	157.39	-299.09	337.97	152.25	17.36
5917.00	1.61	357.46	5898.11	-299.06	157.39	-299.06	337.95	152.24	21.81
5918.00	1.51	4.62	5899.11	-299.03	157.39	-299.03	337.93	152.24	22.00
5919.00	1.62	356.62	5900.11	-299.01	157.39	-299.01	337.90	152.24	24.29
5920.00	1.51	4.46	5901.11	-298.98	157.39	-298.98	337.88	152.24	24.08
5921.00	1.63	355.77	5902.11	-298.95	157.39	-298.95	337.85	152.23	26.92
5922.00	1.51	3.26	5903.11	-298.93	157.39	-298.93	337.83	152.23	23.76
5923.00	1.62	356.59	5904.11	-298.90	157.39	-298.90	337.80	152.23	20.93
5924.00	1.50	3.50	5905.11	-298.87	157.39	-298.87	337.78	152.23	22.23
5925.00	1.60	357.82	5906.11	-298.84	157.39	-298.84	337.76	152.23	18.36
5926.00	1.50	3.30	5907.11	-298.82	157.39	-298.82	337.73	152.22	17.90
5927.00	1.59	358.35	5908.11	-298.79	157.39	-298.79	337.71	152.22	16.27
5928.00	1.49	3.53	5909.11	-298.76	157.39	-298.76	337.69	152.22	16.94
5929.00	1.58	358.63	5910.11	-298.74	157.39	-298.74	337.66	152.22	15.84
5930.00	1.50	3.37	5911.11	-298.71	157.39	-298.71	337.64	152.21	15.44
5931.00	1.59	358.41	5912.11	-298.68	157.39	-298.68	337.62	152.21	16.09
5932.00	1.50	2.55	5913.11	-298.66	157.39	-298.66	337.59	152.21	14.01
5933.00	1.57	358.93	5914.11	-298.63	157.40	-298.63	337.57	152.21	12.08
5934.00	1.49	3.26	5915.11	-298.60	157.40	-298.60	337.54	152.21	14.34
5935.00	1.58	359.37	5916.11	-298.58	157.40	-298.58	337.52	152.20	13.60
5936.00	1.49	3.58	5917.11	-298.55	157.40	-298.55	337.50	152.20	13.95
5937.00	1.64	356.49	5918.11	-298.52	157.40	-298.52	337.47	152.20	24.01

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5938.00	1.64	356.49	5919.11	-298.49	157.39	-298.49	337.45	152.20	0.02
5939.00	1.56	0.98	5920.11	-298.47	157.39	-298.47	337.42	152.20	14.86
5940.00	1.64	356.58	5921.11	-298.44	157.39	-298.44	337.40	152.19	15.04
5941.00	1.56	0.88	5922.11	-298.41	157.39	-298.41	337.37	152.19	14.49
5942.00	1.59	359.40	5923.11	-298.38	157.39	-298.38	337.35	152.19	5.13
5943.00	1.49	5.15	5924.11	-298.35	157.39	-298.35	337.33	152.19	18.34
5944.00	1.65	356.43	5925.10	-298.33	157.39	-298.33	337.30	152.18	28.68
5945.00	1.66	356.33	5926.10	-298.30	157.39	-298.30	337.28	152.18	0.49
5946.00	1.66	356.21	5927.10	-298.27	157.39	-298.27	337.25	152.18	0.42
5947.00	1.66	356.04	5928.10	-298.24	157.39	-298.24	337.22	152.18	0.50
5948.00	1.66	355.86	5929.10	-298.21	157.39	-298.21	337.20	152.18	0.53
5949.00	1.66	355.67	5930.10	-298.18	157.38	-298.18	337.17	152.17	0.58
5950.00	1.66	355.50	5931.10	-298.15	157.38	-298.15	337.14	152.17	0.52
5951.00	1.66	355.36	5932.10	-298.13	157.38	-298.13	337.12	152.17	0.59
5952.00	1.66	355.36	5933.10	-298.10	157.38	-298.10	337.09	152.17	0.13
5953.00	1.66	355.44	5934.10	-298.07	157.38	-298.07	337.06	152.17	0.27
5954.00	1.66	355.55	5935.10	-298.04	157.37	-298.04	337.04	152.16	0.31
5955.00	1.66	355.66	5936.10	-298.01	157.37	-298.01	337.01	152.16	0.34
5956.00	1.67	355.62	5937.10	-297.98	157.37	-297.98	336.98	152.16	0.25
5957.00	1.67	355.51	5938.10	-297.95	157.37	-297.95	336.96	152.16	0.40
5958.00	1.67	355.36	5939.10	-297.92	157.36	-297.92	336.93	152.16	0.44
5959.00	1.67	355.20	5940.10	-297.89	157.36	-297.89	336.90	152.15	0.49
5960.00	1.67	355.17	5941.10	-297.86	157.36	-297.86	336.88	152.15	0.20
5961.00	1.67	355.18	5942.10	-297.84	157.36	-297.84	336.85	152.15	0.26
5962.00	1.67	355.22	5943.10	-297.81	157.35	-297.81	336.82	152.15	0.12
5963.00	1.67	355.26	5944.10	-297.78	157.35	-297.78	336.80	152.15	0.17
5964.00	1.67	355.21	5945.10	-297.75	157.35	-297.75	336.77	152.15	0.24
5965.00	1.67	355.16	5946.10	-297.72	157.35	-297.72	336.74	152.14	0.26
5966.00	1.66	355.16	5947.10	-297.69	157.34	-297.69	336.72	152.14	0.20
5967.00	1.66	355.17	5948.10	-297.66	157.34	-297.66	336.69	152.14	0.20
5968.00	1.67	355.23	5949.09	-297.63	157.34	-297.63	336.66	152.14	0.33
5969.00	1.67	355.30	5950.09	-297.60	157.34	-297.60	336.63	152.14	0.33
5970.00	1.67	355.30	5951.09	-297.57	157.33	-297.57	336.61	152.13	0.33
5971.00	1.67	355.31	5952.09	-297.55	157.33	-297.55	336.58	152.13	0.33
5972.00	1.67	355.44	5953.09	-297.52	157.33	-297.52	336.55	152.13	0.48
5973.00	1.67	355.57	5954.09	-297.49	157.33	-297.49	336.53	152.13	0.48
5974.00	1.67	355.70	5955.09	-297.46	157.33	-297.46	336.50	152.13	0.55
5975.00	1.68	355.81	5956.09	-297.43	157.32	-297.43	336.47	152.12	0.48
5976.00	1.67	355.76	5957.09	-297.40	157.32	-297.40	336.45	152.12	0.21
5977.00	1.67	355.65	5958.09	-297.37	157.32	-297.37	336.42	152.12	0.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5978.00	1.67	355.48	5959.09	-297.34	157.32	-297.34	336.39	152.12	0.52
5979.00	1.67	355.48	5960.09	-297.31	157.31	-297.31	336.37	152.12	0.02
5980.00	1.67	355.60	5961.09	-297.28	157.31	-297.28	336.34	152.11	0.36
5981.00	1.67	355.68	5962.09	-297.25	157.31	-297.25	336.31	152.11	0.26
5982.00	1.67	355.75	5963.09	-297.23	157.31	-297.23	336.29	152.11	0.20
5983.00	1.67	355.72	5964.09	-297.20	157.31	-297.20	336.26	152.11	0.12
5984.00	1.67	355.66	5965.09	-297.17	157.30	-297.17	336.23	152.11	0.20
5985.00	1.67	355.66	5966.09	-297.14	157.30	-297.14	336.21	152.10	0.02
5986.00	1.67	355.65	5967.09	-297.11	157.30	-297.11	336.18	152.10	0.02
5987.00	1.67	355.65	5968.09	-297.08	157.30	-297.08	336.15	152.10	0.02
5988.00	1.67	355.64	5969.09	-297.05	157.29	-297.05	336.13	152.10	0.02
5989.00	1.67	355.64	5970.09	-297.02	157.29	-297.02	336.10	152.10	0.02
5990.00	1.67	355.63	5971.09	-296.99	157.29	-296.99	336.07	152.09	0.02
5991.00	1.67	355.63	5972.09	-296.96	157.29	-296.96	336.05	152.09	0.02
5992.00	1.67	355.62	5973.08	-296.93	157.29	-296.93	336.02	152.09	0.02
5993.00	1.67	355.62	5974.08	-296.91	157.28	-296.91	335.99	152.09	0.02
5994.00	1.67	355.62	5975.08	-296.88	157.28	-296.88	335.97	152.09	0.02
5995.00	1.67	355.61	5976.08	-296.85	157.28	-296.85	335.94	152.08	0.02
5996.00	1.67	355.61	5977.08	-296.82	157.28	-296.82	335.91	152.08	0.02
5997.00	1.67	355.60	5978.08	-296.79	157.27	-296.79	335.89	152.08	0.02
5998.00	1.67	355.60	5979.08	-296.76	157.27	-296.76	335.86	152.08	0.02
5999.00	1.67	355.59	5980.08	-296.73	157.27	-296.73	335.83	152.08	0.02
6000.00	1.67	355.59	5981.08	-296.70	157.27	-296.70	335.81	152.07	0.02
6001.00	1.67	355.59	5982.08	-296.67	157.27	-296.67	335.78	152.07	0.02
6002.00	1.67	355.58	5983.08	-296.64	157.26	-296.64	335.75	152.07	0.02
6003.00	1.67	355.58	5984.08	-296.61	157.26	-296.61	335.72	152.07	0.02
6004.00	1.67	355.57	5985.08	-296.59	157.26	-296.59	335.70	152.07	0.02
6005.00	1.67	355.57	5986.08	-296.56	157.26	-296.56	335.67	152.06	0.02
6006.00	1.67	355.56	5987.08	-296.53	157.25	-296.53	335.64	152.06	0.02
6007.00	1.67	355.56	5988.08	-296.50	157.25	-296.50	335.62	152.06	0.02
6008.00	1.67	355.55	5989.08	-296.47	157.25	-296.47	335.59	152.06	0.02
6009.00	1.67	355.55	5990.08	-296.44	157.25	-296.44	335.56	152.06	0.02
6010.00	1.67	355.55	5991.08	-296.41	157.25	-296.41	335.54	152.05	0.02
6011.00	1.67	355.54	5992.08	-296.38	157.24	-296.38	335.51	152.05	0.02
6012.00	1.67	355.60	5993.08	-296.35	157.24	-296.35	335.48	152.05	0.16
6013.00	1.67	355.74	5994.08	-296.32	157.24	-296.32	335.46	152.05	0.43
6014.00	1.67	355.89	5995.08	-296.29	157.24	-296.29	335.43	152.05	0.43
6015.00	1.67	356.03	5996.07	-296.26	157.23	-296.26	335.40	152.04	0.43
6016.00	1.67	356.08	5997.07	-296.24	157.23	-296.24	335.38	152.04	0.15
6017.00	1.67	356.04	5998.07	-296.21	157.23	-296.21	335.35	152.04	0.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6018.00	1.67	356.08	5999.07	-296.18	157.23	-296.18	335.32	152.04	0.14
6019.00	1.67	356.21	6000.07	-296.15	157.23	-296.15	335.30	152.04	0.40
6020.00	1.68	356.24	6001.07	-296.12	157.22	-296.12	335.27	152.03	0.17
6021.00	1.68	356.19	6002.07	-296.09	157.22	-296.09	335.24	152.03	0.20
6022.00	1.68	356.14	6003.07	-296.06	157.22	-296.06	335.22	152.03	0.17
6023.00	1.68	356.08	6004.07	-296.03	157.22	-296.03	335.19	152.03	0.26
6024.00	1.67	356.01	6005.07	-296.00	157.22	-296.00	335.16	152.03	0.20
6025.00	1.67	355.95	6006.07	-295.97	157.21	-295.97	335.14	152.02	0.18
6026.00	1.68	355.92	6007.07	-295.94	157.21	-295.94	335.11	152.02	0.15
6027.00	1.68	355.93	6008.07	-295.91	157.21	-295.91	335.08	152.02	0.23
6028.00	1.68	355.91	6009.07	-295.89	157.21	-295.89	335.06	152.02	0.11
6029.00	1.68	355.88	6010.07	-295.86	157.21	-295.86	335.03	152.02	0.09
6030.00	1.68	355.80	6011.07	-295.83	157.20	-295.83	335.00	152.01	0.25
6031.00	1.68	355.68	6012.07	-295.80	157.20	-295.80	334.98	152.01	0.36
6032.00	1.68	355.62	6013.07	-295.77	157.20	-295.77	334.95	152.01	0.17
6033.00	1.68	355.62	6014.07	-295.74	157.20	-295.74	334.92	152.01	0.07
6034.00	1.68	355.56	6015.07	-295.71	157.20	-295.71	334.90	152.01	0.17
6035.00	1.68	355.47	6016.07	-295.68	157.19	-295.68	334.87	152.00	0.26
6036.00	1.68	355.37	6017.07	-295.65	157.19	-295.65	334.84	152.00	0.30
6037.00	1.68	355.26	6018.07	-295.62	157.19	-295.62	334.81	152.00	0.33
6038.00	1.68	355.10	6019.06	-295.59	157.19	-295.59	334.79	152.00	0.48
6039.00	1.68	354.91	6020.06	-295.56	157.18	-295.56	334.76	152.00	0.55
6040.00	1.68	354.85	6021.06	-295.53	157.18	-295.53	334.73	151.99	0.17
6041.00	1.68	354.83	6022.06	-295.51	157.18	-295.51	334.71	151.99	0.08
6042.00	1.69	354.84	6023.06	-295.48	157.18	-295.48	334.68	151.99	0.15
6043.00	1.69	354.87	6024.06	-295.45	157.17	-295.45	334.65	151.99	0.17
6044.00	1.69	354.75	6025.06	-295.42	157.17	-295.42	334.62	151.99	0.36
6045.00	1.69	354.64	6026.06	-295.39	157.17	-295.39	334.60	151.98	0.35
6046.00	1.69	354.54	6027.06	-295.36	157.16	-295.36	334.57	151.98	0.43
6047.00	1.69	354.44	6028.06	-295.33	157.16	-295.33	334.54	151.98	0.36
6048.00	1.69	354.38	6029.06	-295.30	157.16	-295.30	334.52	151.98	0.20
6049.00	1.69	354.32	6030.06	-295.27	157.16	-295.27	334.49	151.98	0.18
6050.00	1.69	354.26	6031.06	-295.24	157.15	-295.24	334.46	151.97	0.32
6051.00	1.69	354.19	6032.06	-295.21	157.15	-295.21	334.43	151.97	0.23
6052.00	1.69	354.10	6033.06	-295.18	157.15	-295.18	334.41	151.97	0.34
6053.00	1.69	354.07	6034.06	-295.15	157.14	-295.15	334.38	151.97	0.08
6054.00	1.69	354.11	6035.06	-295.12	157.14	-295.12	334.35	151.97	0.27
6055.00	1.69	354.16	6036.06	-295.09	157.14	-295.09	334.32	151.96	0.16
6056.00	1.69	354.22	6037.06	-295.06	157.13	-295.06	334.30	151.96	0.20
6057.00	1.69	354.27	6038.06	-295.04	157.13	-295.04	334.27	151.96	0.15

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6058.00	1.69	354.31	6039.06	-295.01	157.13	-295.01	334.24	151.96	0.12
6059.00	1.69	354.35	6040.06	-294.98	157.13	-294.98	334.22	151.96	0.17
6060.00	1.70	354.38	6041.06	-294.95	157.12	-294.95	334.19	151.96	0.20
6061.00	1.70	354.47	6042.05	-294.92	157.12	-294.92	334.16	151.95	0.28
6062.00	1.70	354.56	6043.05	-294.89	157.12	-294.89	334.13	151.95	0.31
6063.00	1.70	354.61	6044.05	-294.86	157.11	-294.86	334.11	151.95	0.14
6064.00	1.70	354.64	6045.05	-294.83	157.11	-294.83	334.08	151.95	0.10
6065.00	1.70	354.68	6046.05	-294.80	157.11	-294.80	334.05	151.95	0.24
6066.00	1.70	354.72	6047.05	-294.77	157.11	-294.77	334.02	151.94	0.33
6067.00	1.70	354.78	6048.05	-294.74	157.10	-294.74	334.00	151.94	0.27
6068.00	1.70	354.84	6049.05	-294.71	157.10	-294.71	333.97	151.94	0.39
6069.00	1.70	354.98	6050.05	-294.68	157.10	-294.68	333.94	151.94	0.42
6070.00	1.70	355.13	6051.05	-294.65	157.10	-294.65	333.91	151.94	0.50
6071.00	1.70	355.22	6052.05	-294.62	157.09	-294.62	333.89	151.93	0.33
6072.00	1.70	355.30	6053.05	-294.59	157.09	-294.59	333.86	151.93	0.32
6073.00	1.70	355.37	6054.05	-294.56	157.09	-294.56	333.83	151.93	0.23
6074.00	1.70	355.43	6055.05	-294.53	157.09	-294.53	333.81	151.93	0.32
6075.00	1.70	355.54	6056.05	-294.50	157.08	-294.50	333.78	151.93	0.34
6076.00	1.70	355.68	6057.05	-294.47	157.08	-294.47	333.75	151.92	0.42
6077.00	1.70	355.70	6058.05	-294.44	157.08	-294.44	333.72	151.92	0.08
6078.00	1.70	355.70	6059.05	-294.42	157.08	-294.42	333.70	151.92	0.04
6079.00	1.70	355.77	6060.05	-294.39	157.07	-294.39	333.67	151.92	0.33
6080.00	1.71	355.84	6061.05	-294.36	157.07	-294.36	333.64	151.91	0.27
6081.00	1.70	355.90	6062.05	-294.33	157.07	-294.33	333.62	151.91	0.22
6082.00	1.70	355.96	6063.05	-294.30	157.07	-294.30	333.59	151.91	0.22
6083.00	1.70	355.98	6064.05	-294.27	157.07	-294.27	333.56	151.91	0.09
6084.00	1.70	356.00	6065.04	-294.24	157.06	-294.24	333.53	151.91	0.15
6085.00	1.70	356.04	6066.04	-294.21	157.06	-294.21	333.51	151.90	0.43
6086.00	1.69	356.08	6067.04	-294.18	157.06	-294.18	333.48	151.90	0.43
6087.00	1.69	356.14	6068.04	-294.15	157.06	-294.15	333.45	151.90	0.24
6088.00	1.69	356.21	6069.04	-294.12	157.06	-294.12	333.43	151.90	0.22
6089.00	1.69	356.30	6070.04	-294.09	157.05	-294.09	333.40	151.90	0.32
6090.00	1.69	356.38	6071.04	-294.06	157.05	-294.06	333.37	151.89	0.28
6091.00	1.69	356.37	6072.04	-294.03	157.05	-294.03	333.35	151.89	0.27
6092.00	1.69	356.33	6073.04	-294.00	157.05	-294.00	333.32	151.89	0.23
6093.00	1.69	356.17	6074.04	-293.97	157.05	-293.97	333.29	151.89	0.47
6094.00	1.69	356.07	6075.04	-293.94	157.04	-293.94	333.26	151.89	0.32
6095.00	1.68	356.09	6076.04	-293.91	157.04	-293.91	333.24	151.88	0.50
6096.00	1.68	356.08	6077.04	-293.88	157.04	-293.88	333.21	151.88	0.39
6097.00	1.68	355.94	6078.04	-293.86	157.04	-293.86	333.18	151.88	0.43

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6098.00	1.68	355.79	6079.04	-293.83	157.04	-293.83	333.16	151.88	0.46
6099.00	1.67	355.64	6080.04	-293.80	157.03	-293.80	333.13	151.88	0.57
6100.00	1.67	355.53	6081.04	-293.77	157.03	-293.77	333.10	151.87	0.37
6101.00	1.67	355.45	6082.04	-293.74	157.03	-293.74	333.08	151.87	0.25
6102.00	1.67	355.41	6083.04	-293.71	157.03	-293.71	333.05	151.87	0.17
6103.00	1.67	355.38	6084.04	-293.68	157.03	-293.68	333.02	151.87	0.14
6104.00	1.67	355.31	6085.04	-293.65	157.02	-293.65	333.00	151.87	0.26
6105.00	1.66	355.03	6086.04	-293.62	157.02	-293.62	332.97	151.86	0.83
6106.00	1.66	354.93	6087.04	-293.59	157.02	-293.59	332.94	151.86	0.30
6107.00	1.67	354.91	6088.03	-293.56	157.02	-293.56	332.92	151.86	0.21
6108.00	1.66	354.82	6089.03	-293.54	157.01	-293.54	332.89	151.86	0.32
6109.00	1.66	354.72	6090.03	-293.51	157.01	-293.51	332.86	151.86	0.50
6110.00	1.66	354.59	6091.03	-293.48	157.01	-293.48	332.84	151.85	0.41
6111.00	1.67	354.47	6092.03	-293.45	157.00	-293.45	332.81	151.85	0.50
6112.00	1.67	354.32	6093.03	-293.42	157.00	-293.42	332.78	151.85	0.43
6113.00	1.66	354.16	6094.03	-293.39	157.00	-293.39	332.76	151.85	0.47
6114.00	1.66	354.11	6095.03	-293.36	157.00	-293.36	332.73	151.85	0.16
6115.00	1.66	354.09	6096.03	-293.33	156.99	-293.33	332.70	151.84	0.08
6116.00	1.67	354.22	6097.03	-293.30	156.99	-293.30	332.68	151.84	0.45
6117.00	1.67	354.40	6098.03	-293.28	156.99	-293.28	332.65	151.84	0.58
6118.00	1.67	354.44	6099.03	-293.25	156.98	-293.25	332.62	151.84	0.12
6119.00	1.67	354.44	6100.03	-293.22	156.98	-293.22	332.60	151.84	0.05
6120.00	1.67	354.48	6101.03	-293.19	156.98	-293.19	332.57	151.83	0.18
6121.00	1.67	354.53	6102.03	-293.16	156.98	-293.16	332.54	151.83	0.23
6122.00	1.67	354.60	6103.03	-293.13	156.97	-293.13	332.51	151.83	0.22
6123.00	1.67	354.68	6104.03	-293.10	156.97	-293.10	332.49	151.83	0.26
6124.00	1.67	354.86	6105.03	-293.07	156.97	-293.07	332.46	151.83	0.53
6125.00	1.67	354.98	6106.03	-293.04	156.96	-293.04	332.43	151.82	0.39
6126.00	1.67	355.02	6107.03	-293.01	156.96	-293.01	332.41	151.82	0.12
6127.00	1.67	355.07	6108.03	-292.99	156.96	-292.99	332.38	151.82	0.14
6128.00	1.67	355.15	6109.03	-292.96	156.96	-292.96	332.35	151.82	0.28
6129.00	1.67	355.23	6110.03	-292.93	156.95	-292.93	332.33	151.82	0.22
6130.00	1.66	355.25	6111.03	-292.90	156.95	-292.90	332.30	151.81	0.26
6131.00	1.66	355.30	6112.02	-292.87	156.95	-292.87	332.27	151.81	0.29
6132.00	1.66	355.37	6113.02	-292.84	156.95	-292.84	332.25	151.81	0.34
6133.00	1.66	355.39	6114.02	-292.81	156.95	-292.81	332.22	151.81	0.19
6134.00	1.66	355.35	6115.02	-292.78	156.94	-292.78	332.19	151.81	0.14
6135.00	1.66	355.29	6116.02	-292.75	156.94	-292.75	332.17	151.81	0.18
6136.00	1.65	355.23	6117.02	-292.73	156.94	-292.73	332.14	151.80	0.26
6137.00	1.65	355.20	6118.02	-292.70	156.94	-292.70	332.12	151.80	0.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6138.00	1.65	355.22	6119.02	-292.67	156.93	-292.67	332.09	151.80	0.23
6139.00	1.65	355.23	6120.02	-292.64	156.93	-292.64	332.06	151.80	0.23
6140.00	1.64	355.23	6121.02	-292.61	156.93	-292.61	332.04	151.80	0.34
6141.00	1.64	355.12	6122.02	-292.58	156.93	-292.58	332.01	151.79	0.38
6142.00	1.64	354.90	6123.02	-292.55	156.92	-292.55	331.98	151.79	0.65
6143.00	1.64	354.76	6124.02	-292.53	156.92	-292.53	331.96	151.79	0.41
6144.00	1.64	354.71	6125.02	-292.50	156.92	-292.50	331.93	151.79	0.18
6145.00	1.64	354.61	6126.02	-292.47	156.92	-292.47	331.90	151.79	0.30
6146.00	1.64	354.47	6127.02	-292.44	156.91	-292.44	331.88	151.78	0.42
6147.00	1.64	354.40	6128.02	-292.41	156.91	-292.41	331.85	151.78	0.23
6148.00	1.64	354.40	6129.02	-292.38	156.91	-292.38	331.83	151.78	0.07
6149.00	1.63	354.32	6130.02	-292.35	156.90	-292.35	331.80	151.78	0.32
6150.00	1.63	354.13	6131.02	-292.33	156.90	-292.33	331.77	151.78	0.72
6151.00	1.63	353.97	6132.02	-292.30	156.90	-292.30	331.75	151.77	0.47
6152.00	1.63	353.84	6133.02	-292.27	156.90	-292.27	331.72	151.77	0.49
6153.00	1.63	353.74	6134.02	-292.24	156.89	-292.24	331.69	151.77	0.32
6154.00	1.63	353.66	6135.02	-292.21	156.89	-292.21	331.67	151.77	0.43
6155.00	1.63	353.58	6136.01	-292.19	156.89	-292.19	331.64	151.77	0.24
6156.00	1.63	353.50	6137.01	-292.16	156.88	-292.16	331.61	151.76	0.30
6157.00	1.63	353.51	6138.01	-292.13	156.88	-292.13	331.59	151.76	0.18
6158.00	1.62	353.52	6139.01	-292.10	156.88	-292.10	331.56	151.76	0.23
6159.00	1.62	353.40	6140.01	-292.07	156.87	-292.07	331.54	151.76	0.34
6160.00	1.62	353.28	6141.01	-292.04	156.87	-292.04	331.51	151.76	0.34
6161.00	1.62	353.16	6142.01	-292.02	156.87	-292.02	331.48	151.76	0.35
6162.00	1.63	353.04	6143.01	-291.99	156.86	-291.99	331.46	151.75	0.34
6163.00	1.62	352.94	6144.01	-291.96	156.86	-291.96	331.43	151.75	0.29
6164.00	1.62	352.86	6145.01	-291.93	156.86	-291.93	331.40	151.75	0.27
6165.00	1.62	352.82	6146.01	-291.90	156.85	-291.90	331.38	151.75	0.29
6166.00	1.62	352.74	6147.01	-291.88	156.85	-291.88	331.35	151.75	0.31
6167.00	1.62	352.58	6148.01	-291.85	156.85	-291.85	331.32	151.75	0.45
6168.00	1.62	352.40	6149.01	-291.82	156.84	-291.82	331.30	151.74	0.53
6169.00	1.61	352.12	6150.01	-291.79	156.84	-291.79	331.27	151.74	0.89
6170.00	1.61	351.97	6151.01	-291.76	156.83	-291.76	331.25	151.74	0.47
6171.00	1.61	351.94	6152.01	-291.74	156.83	-291.74	331.22	151.74	0.06
6172.00	1.60	351.66	6153.01	-291.71	156.83	-291.71	331.19	151.74	1.02
6173.00	1.59	351.27	6154.01	-291.68	156.82	-291.68	331.17	151.74	1.43
6174.00	1.59	351.14	6155.01	-291.65	156.82	-291.65	331.14	151.73	0.52
6175.00	1.59	351.07	6156.01	-291.63	156.81	-291.63	331.11	151.73	0.30
6176.00	1.58	350.93	6157.01	-291.60	156.81	-291.60	331.09	151.73	0.96
6177.00	1.57	350.79	6158.01	-291.57	156.81	-291.57	331.06	151.73	1.03

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6178.00	1.57	350.59	6159.01	-291.54	156.80	-291.54	331.04	151.73	0.75
6179.00	1.56	350.39	6160.01	-291.52	156.80	-291.52	331.01	151.73	0.74
6180.00	1.55	350.14	6161.01	-291.49	156.79	-291.49	330.98	151.72	1.11
6181.00	1.54	349.89	6162.00	-291.46	156.79	-291.46	330.96	151.72	1.11
6182.00	1.53	349.68	6163.00	-291.44	156.78	-291.44	330.93	151.72	0.97
6183.00	1.53	349.47	6164.00	-291.41	156.78	-291.41	330.91	151.72	0.97
6184.00	1.52	349.15	6165.00	-291.39	156.77	-291.39	330.88	151.72	1.25
6185.00	1.51	348.85	6166.00	-291.36	156.77	-291.36	330.86	151.72	1.23
6186.00	1.50	348.65	6167.00	-291.33	156.76	-291.33	330.83	151.72	1.09
6187.00	1.49	348.45	6168.00	-291.31	156.76	-291.31	330.81	151.71	1.09
6188.00	1.48	348.27	6169.00	-291.28	156.75	-291.28	330.78	151.71	1.02
6189.00	1.47	348.08	6170.00	-291.26	156.75	-291.26	330.76	151.71	1.01
6190.00	1.46	347.88	6171.00	-291.23	156.74	-291.23	330.73	151.71	0.96
6191.00	1.45	347.68	6172.00	-291.21	156.74	-291.21	330.71	151.71	0.95
6192.00	1.45	347.51	6173.00	-291.18	156.73	-291.18	330.68	151.71	0.91
6193.00	1.44	347.33	6174.00	-291.16	156.73	-291.16	330.66	151.71	0.84
6194.00	1.44	347.09	6175.00	-291.13	156.72	-291.13	330.64	151.71	0.73
6195.00	1.43	346.91	6176.00	-291.11	156.71	-291.11	330.61	151.70	0.67
6196.00	1.42	346.88	6177.00	-291.09	156.71	-291.09	330.59	151.70	0.72
6197.00	1.42	346.78	6178.00	-291.06	156.70	-291.06	330.56	151.70	0.55
6198.00	1.42	346.60	6179.00	-291.04	156.70	-291.04	330.54	151.70	0.49
6199.00	1.41	346.39	6180.00	-291.01	156.69	-291.01	330.52	151.70	0.61
6200.00	1.41	346.14	6181.00	-290.99	156.69	-290.99	330.49	151.70	0.82
6201.00	1.40	345.99	6182.00	-290.97	156.68	-290.97	330.47	151.70	0.51
6202.00	1.40	345.95	6183.00	-290.94	156.67	-290.94	330.44	151.70	0.22
6203.00	1.40	345.91	6184.00	-290.92	156.67	-290.92	330.42	151.70	0.24
6204.00	1.40	345.86	6185.00	-290.89	156.66	-290.89	330.40	151.70	0.24
6205.00	1.40	345.77	6186.00	-290.87	156.66	-290.87	330.37	151.69	0.27
6206.00	1.40	345.62	6187.00	-290.85	156.65	-290.85	330.35	151.69	0.36
6207.00	1.40	345.60	6188.00	-290.82	156.64	-290.82	330.33	151.69	0.08
6208.00	1.40	345.66	6189.00	-290.80	156.64	-290.80	330.30	151.69	0.19
6209.00	1.40	345.62	6190.00	-290.78	156.63	-290.78	330.28	151.69	0.12
6210.00	1.40	345.51	6191.00	-290.75	156.63	-290.75	330.26	151.69	0.33
6211.00	1.40	345.50	6192.00	-290.73	156.62	-290.73	330.23	151.69	0.07
6212.00	1.40	345.56	6192.99	-290.71	156.61	-290.71	330.21	151.69	0.29
6213.00	1.40	345.58	6193.99	-290.68	156.61	-290.68	330.18	151.69	0.07
6214.00	1.40	345.58	6194.99	-290.66	156.60	-290.66	330.16	151.69	0.18
6215.00	1.40	345.56	6195.99	-290.63	156.60	-290.63	330.14	151.68	0.06
6216.00	1.40	345.54	6196.99	-290.61	156.59	-290.61	330.11	151.68	0.11
6217.00	1.40	345.44	6197.99	-290.59	156.58	-290.59	330.09	151.68	0.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6218.00	1.40	345.35	6198.99	-290.56	156.58	-290.56	330.07	151.68	0.25
6219.00	1.40	345.41	6199.99	-290.54	156.57	-290.54	330.04	151.68	0.20
6220.00	1.39	345.49	6200.99	-290.52	156.56	-290.52	330.02	151.68	0.21
6221.00	1.40	345.69	6201.99	-290.49	156.56	-290.49	329.99	151.68	0.48
6222.00	1.40	345.83	6202.99	-290.47	156.55	-290.47	329.97	151.68	0.37
6223.00	1.40	345.79	6203.99	-290.45	156.55	-290.45	329.95	151.68	0.11
6224.00	1.40	345.74	6204.99	-290.42	156.54	-290.42	329.92	151.67	0.11
6225.00	1.40	345.69	6205.99	-290.40	156.53	-290.40	329.90	151.67	0.13
6226.00	1.40	345.67	6206.99	-290.37	156.53	-290.37	329.88	151.67	0.05
6227.00	1.40	345.76	6207.99	-290.35	156.52	-290.35	329.85	151.67	0.22
6228.00	1.40	345.80	6208.99	-290.33	156.52	-290.33	329.83	151.67	0.11
6229.00	1.40	345.78	6209.99	-290.30	156.51	-290.30	329.81	151.67	0.21
6230.00	1.40	345.78	6210.99	-290.28	156.50	-290.28	329.78	151.67	0.15
6231.00	1.40	345.77	6211.99	-290.26	156.50	-290.26	329.76	151.67	0.39
6232.00	1.40	345.75	6212.99	-290.23	156.49	-290.23	329.73	151.67	0.07
6233.00	1.40	345.71	6213.99	-290.21	156.49	-290.21	329.71	151.67	0.33
6234.00	1.40	345.63	6214.99	-290.19	156.48	-290.19	329.69	151.66	0.20
6235.00	1.40	345.52	6215.99	-290.16	156.47	-290.16	329.66	151.66	0.37
6236.00	1.40	345.49	6216.99	-290.14	156.47	-290.14	329.64	151.66	0.08
6237.00	1.40	345.49	6217.99	-290.11	156.46	-290.11	329.62	151.66	0.14
6238.00	1.40	345.51	6218.99	-290.09	156.46	-290.09	329.59	151.66	0.06
6239.00	1.40	345.54	6219.99	-290.07	156.45	-290.07	329.57	151.66	0.06
6240.00	1.40	345.56	6220.99	-290.04	156.44	-290.04	329.55	151.66	0.19
6241.00	1.40	345.58	6221.99	-290.02	156.44	-290.02	329.52	151.66	0.23
6242.00	1.40	345.55	6222.99	-290.00	156.43	-290.00	329.50	151.66	0.18
6243.00	1.40	345.52	6223.99	-289.97	156.43	-289.97	329.47	151.66	0.23
6244.00	1.40	345.55	6224.99	-289.95	156.42	-289.95	329.45	151.65	0.08
6245.00	1.40	345.59	6225.99	-289.93	156.41	-289.93	329.43	151.65	0.11
6246.00	1.40	345.64	6226.98	-289.90	156.41	-289.90	329.40	151.65	0.14
6247.00	1.40	345.70	6227.98	-289.88	156.40	-289.88	329.38	151.65	0.15
6248.00	1.40	345.65	6228.98	-289.85	156.40	-289.85	329.36	151.65	0.11
6249.00	1.40	345.60	6229.98	-289.83	156.39	-289.83	329.33	151.65	0.13
6250.00	1.40	345.63	6230.98	-289.81	156.38	-289.81	329.31	151.65	0.17
6251.00	1.40	345.67	6231.98	-289.78	156.38	-289.78	329.28	151.65	0.17
6252.00	1.40	345.73	6232.98	-289.76	156.37	-289.76	329.26	151.65	0.38
6253.00	1.39	345.77	6233.98	-289.74	156.36	-289.74	329.24	151.65	0.31
6254.00	1.40	345.58	6234.98	-289.71	156.36	-289.71	329.21	151.64	0.48
6255.00	1.40	345.42	6235.98	-289.69	156.35	-289.69	329.19	151.64	0.40
6256.00	1.39	345.52	6236.98	-289.67	156.35	-289.67	329.17	151.64	0.47
6257.00	1.39	345.59	6237.98	-289.64	156.34	-289.64	329.14	151.64	0.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6258.00	1.39	345.65	6238.98	-289.62	156.33	-289.62	329.12	151.64	0.16
6259.00	1.39	345.74	6239.98	-289.59	156.33	-289.59	329.10	151.64	0.21
6260.00	1.39	345.92	6240.98	-289.57	156.32	-289.57	329.07	151.64	0.44
6261.00	1.39	346.07	6241.98	-289.55	156.32	-289.55	329.05	151.64	0.37
6262.00	1.39	346.10	6242.98	-289.52	156.31	-289.52	329.02	151.64	0.33
6263.00	1.38	346.12	6243.98	-289.50	156.31	-289.50	329.00	151.63	0.24
6264.00	1.39	346.11	6244.98	-289.48	156.30	-289.48	328.98	151.63	0.14
6265.00	1.39	346.11	6245.98	-289.45	156.29	-289.45	328.95	151.63	0.08
6266.00	1.38	346.17	6246.98	-289.43	156.29	-289.43	328.93	151.63	0.22
6267.00	1.38	346.19	6247.98	-289.41	156.28	-289.41	328.91	151.63	0.12
6268.00	1.38	346.11	6248.98	-289.38	156.28	-289.38	328.88	151.63	0.21
6269.00	1.38	346.08	6249.98	-289.36	156.27	-289.36	328.86	151.63	0.22
6270.00	1.37	346.20	6250.98	-289.34	156.26	-289.34	328.84	151.63	0.77
6271.00	1.37	346.26	6251.98	-289.31	156.26	-289.31	328.81	151.63	0.14
6272.00	1.37	346.31	6252.98	-289.29	156.25	-289.29	328.79	151.63	0.13
6273.00	1.37	346.27	6253.98	-289.27	156.25	-289.27	328.77	151.62	0.08
6274.00	1.37	346.18	6254.98	-289.24	156.24	-289.24	328.75	151.62	0.22
6275.00	1.37	346.11	6255.98	-289.22	156.24	-289.22	328.72	151.62	0.29
6276.00	1.37	346.04	6256.98	-289.20	156.23	-289.20	328.70	151.62	0.29
6277.00	1.37	346.31	6257.98	-289.17	156.22	-289.17	328.68	151.62	0.67
6278.00	1.37	346.59	6258.98	-289.15	156.22	-289.15	328.65	151.62	0.67
6279.00	1.37	346.73	6259.98	-289.13	156.21	-289.13	328.63	151.62	0.38
6280.00	1.36	346.86	6260.97	-289.10	156.21	-289.10	328.61	151.62	0.35
6281.00	1.36	346.68	6261.97	-289.08	156.20	-289.08	328.58	151.62	0.44
6282.00	1.36	346.50	6262.97	-289.06	156.20	-289.06	328.56	151.61	0.47
6283.00	1.36	346.32	6263.97	-289.03	156.19	-289.03	328.54	151.61	0.64
6284.00	1.35	346.17	6264.97	-289.01	156.19	-289.01	328.51	151.61	0.54
6285.00	1.35	346.12	6265.97	-288.99	156.18	-288.99	328.49	151.61	0.16
6286.00	1.35	346.12	6266.97	-288.97	156.17	-288.97	328.47	151.61	0.10
6287.00	1.35	346.26	6267.97	-288.94	156.17	-288.94	328.45	151.61	0.33
6288.00	1.35	346.40	6268.97	-288.92	156.16	-288.92	328.42	151.61	0.34
6289.00	1.35	346.56	6269.97	-288.90	156.16	-288.90	328.40	151.61	0.37
6290.00	1.35	346.64	6270.97	-288.87	156.15	-288.87	328.38	151.61	0.19
6291.00	1.35	346.61	6271.97	-288.85	156.15	-288.85	328.36	151.61	0.09
6292.00	1.35	346.55	6272.97	-288.83	156.14	-288.83	328.33	151.60	0.18
6293.00	1.35	346.44	6273.97	-288.81	156.14	-288.81	328.31	151.60	0.34
6294.00	1.35	346.29	6274.97	-288.78	156.13	-288.78	328.29	151.60	0.36
6295.00	1.35	346.10	6275.97	-288.76	156.12	-288.76	328.26	151.60	0.48
6296.00	1.35	345.95	6276.97	-288.74	156.12	-288.74	328.24	151.60	0.36
6297.00	1.35	345.85	6277.97	-288.71	156.11	-288.71	328.22	151.60	0.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6298.00	1.35	345.86	6278.97	-288.69	156.11	-288.69	328.20	151.60	0.03
6299.00	1.35	345.95	6279.97	-288.67	156.10	-288.67	328.17	151.60	0.26
6300.00	1.35	345.99	6280.97	-288.65	156.10	-288.65	328.15	151.60	0.09
6301.00	1.35	345.99	6281.97	-288.62	156.09	-288.62	328.13	151.59	0.13
6302.00	1.35	346.00	6282.97	-288.60	156.08	-288.60	328.10	151.59	0.15
6303.00	1.35	346.02	6283.97	-288.58	156.08	-288.58	328.08	151.59	0.16
6304.00	1.36	346.02	6284.97	-288.55	156.07	-288.55	328.06	151.59	0.35
6305.00	1.36	346.00	6285.97	-288.53	156.07	-288.53	328.04	151.59	0.49
6306.00	1.36	346.01	6286.97	-288.51	156.06	-288.51	328.01	151.59	0.07
6307.00	1.36	346.04	6287.97	-288.49	156.06	-288.49	327.99	151.59	0.13
6308.00	1.36	345.92	6288.97	-288.46	156.05	-288.46	327.97	151.59	0.29
6309.00	1.36	345.77	6289.97	-288.44	156.04	-288.44	327.94	151.59	0.40
6310.00	1.36	345.67	6290.97	-288.42	156.04	-288.42	327.92	151.59	0.26
6311.00	1.36	345.58	6291.97	-288.39	156.03	-288.39	327.90	151.58	0.23
6312.00	1.36	345.50	6292.97	-288.37	156.03	-288.37	327.87	151.58	0.19
6313.00	1.37	345.42	6293.97	-288.35	156.02	-288.35	327.85	151.58	0.20
6314.00	1.37	345.34	6294.97	-288.32	156.02	-288.32	327.83	151.58	0.24
6315.00	1.37	345.26	6295.97	-288.30	156.01	-288.30	327.81	151.58	0.24
6316.00	1.37	345.25	6296.96	-288.28	156.00	-288.28	327.78	151.58	0.06
6317.00	1.37	345.24	6297.96	-288.25	156.00	-288.25	327.76	151.58	0.07
6318.00	1.37	345.41	6298.96	-288.23	155.99	-288.23	327.74	151.58	0.40
6319.00	1.37	345.59	6299.96	-288.21	155.98	-288.21	327.71	151.58	0.45
6320.00	1.37	345.58	6300.96	-288.19	155.98	-288.19	327.69	151.58	0.29
6321.00	1.38	345.56	6301.96	-288.16	155.97	-288.16	327.67	151.57	0.32
6322.00	1.37	345.43	6302.96	-288.14	155.97	-288.14	327.64	151.57	0.37
6323.00	1.37	345.30	6303.96	-288.12	155.96	-288.12	327.62	151.57	0.33
6324.00	1.37	345.24	6304.96	-288.09	155.95	-288.09	327.60	151.57	0.32
6325.00	1.38	345.17	6305.96	-288.07	155.95	-288.07	327.57	151.57	0.27
6326.00	1.37	345.05	6306.96	-288.05	155.94	-288.05	327.55	151.57	0.46
6327.00	1.37	344.96	6307.96	-288.02	155.94	-288.02	327.53	151.57	0.30
6328.00	1.38	344.97	6308.96	-288.00	155.93	-288.00	327.50	151.57	0.48
6329.00	1.38	344.93	6309.96	-287.98	155.92	-287.98	327.48	151.57	0.09
6330.00	1.37	344.87	6310.96	-287.95	155.92	-287.95	327.46	151.57	0.22
6331.00	1.37	344.92	6311.96	-287.93	155.91	-287.93	327.43	151.56	0.25
6332.00	1.37	345.08	6312.96	-287.91	155.91	-287.91	327.41	151.56	0.47
6333.00	1.37	345.10	6313.96	-287.88	155.90	-287.88	327.39	151.56	0.06
6334.00	1.37	345.09	6314.96	-287.86	155.89	-287.86	327.36	151.56	0.04
6335.00	1.37	344.95	6315.96	-287.84	155.89	-287.84	327.34	151.56	0.35
6336.00	1.37	344.75	6316.96	-287.81	155.88	-287.81	327.32	151.56	0.49
6337.00	1.37	344.65	6317.96	-287.79	155.87	-287.79	327.29	151.56	0.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6338.00	1.37	344.60	6318.96	-287.77	155.87	-287.77	327.27	151.56	0.14
6339.00	1.37	344.59	6319.96	-287.75	155.86	-287.75	327.25	151.56	0.03
6340.00	1.37	344.59	6320.96	-287.72	155.86	-287.72	327.22	151.56	0.04
6341.00	1.37	344.43	6321.96	-287.70	155.85	-287.70	327.20	151.56	0.42
6342.00	1.36	344.29	6322.96	-287.68	155.84	-287.68	327.18	151.55	0.39
6343.00	1.36	344.25	6323.96	-287.65	155.84	-287.65	327.15	151.55	0.10
6344.00	1.36	344.21	6324.96	-287.63	155.83	-287.63	327.13	151.55	0.10
6345.00	1.36	344.16	6325.96	-287.61	155.82	-287.61	327.11	151.55	0.19
6346.00	1.36	344.11	6326.96	-287.59	155.82	-287.59	327.08	151.55	0.16
6347.00	1.36	344.08	6327.96	-287.56	155.81	-287.56	327.06	151.55	0.09
6348.00	1.36	344.03	6328.96	-287.54	155.80	-287.54	327.04	151.55	0.11
6349.00	1.36	343.93	6329.96	-287.52	155.80	-287.52	327.01	151.55	0.29
6350.00	1.36	343.86	6330.96	-287.49	155.79	-287.49	326.99	151.55	0.21
6351.00	1.36	343.86	6331.95	-287.47	155.78	-287.47	326.97	151.55	0.03
6352.00	1.36	343.86	6332.95	-287.45	155.78	-287.45	326.94	151.55	0.02
6353.00	1.36	343.88	6333.95	-287.43	155.77	-287.43	326.92	151.54	0.07
6354.00	1.36	343.90	6334.95	-287.40	155.76	-287.40	326.90	151.54	0.06
6355.00	1.36	343.88	6335.95	-287.38	155.76	-287.38	326.88	151.54	0.16
6356.00	1.36	343.82	6336.95	-287.36	155.75	-287.36	326.85	151.54	0.16
6357.00	1.36	343.75	6337.95	-287.33	155.74	-287.33	326.83	151.54	0.25
6358.00	1.36	343.75	6338.95	-287.31	155.74	-287.31	326.81	151.54	0.17
6359.00	1.36	343.87	6339.95	-287.29	155.73	-287.29	326.78	151.54	0.33
6360.00	1.36	344.00	6340.95	-287.27	155.72	-287.27	326.76	151.54	0.32
6361.00	1.36	344.12	6341.95	-287.24	155.72	-287.24	326.74	151.54	0.51
6362.00	1.36	344.20	6342.95	-287.22	155.71	-287.22	326.71	151.54	0.24
6363.00	1.35	344.24	6343.95	-287.20	155.70	-287.20	326.69	151.54	0.65
6364.00	1.35	344.28	6344.95	-287.17	155.70	-287.17	326.67	151.53	0.09
6365.00	1.35	344.31	6345.95	-287.15	155.69	-287.15	326.64	151.53	0.09
6366.00	1.35	344.33	6346.95	-287.13	155.69	-287.13	326.62	151.53	0.09
6367.00	1.35	344.35	6347.95	-287.11	155.68	-287.11	326.60	151.53	0.09
6368.00	1.35	344.39	6348.95	-287.08	155.67	-287.08	326.58	151.53	0.12
6369.00	1.35	344.46	6349.95	-287.06	155.67	-287.06	326.55	151.53	0.16
6370.00	1.35	344.60	6350.95	-287.04	155.66	-287.04	326.53	151.53	0.33
6371.00	1.35	344.74	6351.95	-287.02	155.65	-287.02	326.51	151.53	0.33
6372.00	1.35	344.88	6352.95	-286.99	155.65	-286.99	326.48	151.53	0.34
6373.00	1.35	345.02	6353.95	-286.97	155.64	-286.97	326.46	151.53	0.35
6374.00	1.35	345.15	6354.95	-286.95	155.64	-286.95	326.44	151.53	0.31
6375.00	1.35	345.28	6355.95	-286.92	155.63	-286.92	326.41	151.52	0.31
6376.00	1.35	345.31	6356.95	-286.90	155.62	-286.90	326.39	151.52	0.13
6377.00	1.36	345.32	6357.95	-286.88	155.62	-286.88	326.37	151.52	0.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6378.00	1.35	345.35	6358.95	-286.86	155.61	-286.86	326.35	151.52	0.10
6379.00	1.36	345.40	6359.95	-286.83	155.61	-286.83	326.32	151.52	0.12
6380.00	1.36	345.47	6360.95	-286.81	155.60	-286.81	326.30	151.52	0.29
6381.00	1.36	345.54	6361.95	-286.79	155.59	-286.79	326.28	151.52	0.24
6382.00	1.35	345.69	6362.95	-286.76	155.59	-286.76	326.25	151.52	0.65
6383.00	1.35	345.82	6363.95	-286.74	155.58	-286.74	326.23	151.52	0.44
6384.00	1.36	345.91	6364.95	-286.72	155.58	-286.72	326.21	151.52	0.74
6385.00	1.36	346.02	6365.95	-286.70	155.57	-286.70	326.18	151.51	0.54
6386.00	1.36	346.18	6366.94	-286.67	155.56	-286.67	326.16	151.51	0.40
6387.00	1.36	346.32	6367.94	-286.65	155.56	-286.65	326.14	151.51	0.33
6388.00	1.36	346.39	6368.94	-286.63	155.55	-286.63	326.12	151.51	0.20
6389.00	1.36	346.47	6369.94	-286.60	155.55	-286.60	326.09	151.51	0.29
6390.00	1.37	346.56	6370.94	-286.58	155.54	-286.58	326.07	151.51	0.43
6391.00	1.37	346.65	6371.94	-286.56	155.54	-286.56	326.05	151.51	0.23
6392.00	1.37	346.74	6372.94	-286.53	155.53	-286.53	326.02	151.51	0.30
6393.00	1.37	346.78	6373.94	-286.51	155.53	-286.51	326.00	151.51	0.11
6394.00	1.37	346.80	6374.94	-286.49	155.52	-286.49	325.98	151.50	0.09
6395.00	1.37	346.80	6375.94	-286.46	155.52	-286.46	325.95	151.50	0.06
6396.00	1.37	346.81	6376.94	-286.44	155.51	-286.44	325.93	151.50	0.12
6397.00	1.36	346.83	6377.94	-286.42	155.50	-286.42	325.91	151.50	0.19
6398.00	1.36	346.85	6378.94	-286.39	155.50	-286.39	325.89	151.50	0.20
6399.00	1.36	346.97	6379.94	-286.37	155.49	-286.37	325.86	151.50	0.32
6400.00	1.37	347.11	6380.94	-286.35	155.49	-286.35	325.84	151.50	0.42
6401.00	1.36	347.25	6381.94	-286.32	155.48	-286.32	325.82	151.50	0.68
6402.00	1.35	347.38	6382.94	-286.30	155.48	-286.30	325.79	151.50	0.76
6403.00	1.36	347.38	6383.94	-286.28	155.47	-286.28	325.77	151.49	0.29
6404.00	1.36	347.37	6384.94	-286.26	155.47	-286.26	325.75	151.49	0.40
6405.00	1.35	347.20	6385.94	-286.23	155.46	-286.23	325.73	151.49	0.80
6406.00	1.35	347.05	6386.94	-286.21	155.46	-286.21	325.70	151.49	0.61
6407.00	1.35	347.00	6387.94	-286.19	155.45	-286.19	325.68	151.49	0.23
6408.00	1.35	347.08	6388.94	-286.16	155.45	-286.16	325.66	151.49	0.18
6409.00	1.35	347.34	6389.94	-286.14	155.44	-286.14	325.64	151.49	0.66
6410.00	1.34	347.59	6390.94	-286.12	155.44	-286.12	325.61	151.49	0.66
6411.00	1.34	347.82	6391.94	-286.09	155.43	-286.09	325.59	151.49	0.65
6412.00	1.34	347.94	6392.94	-286.07	155.43	-286.07	325.57	151.48	0.40
6413.00	1.34	347.70	6393.94	-286.05	155.42	-286.05	325.55	151.48	0.60
6414.00	1.34	347.46	6394.94	-286.03	155.42	-286.03	325.52	151.48	0.56
6415.00	1.34	347.28	6395.94	-286.00	155.41	-286.00	325.50	151.48	0.44
6416.00	1.34	347.12	6396.94	-285.98	155.41	-285.98	325.48	151.48	0.36
6417.00	1.34	347.10	6397.94	-285.96	155.40	-285.96	325.46	151.48	0.17

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6418.00	1.34	347.14	6398.94	-285.93	155.40	-285.93	325.43	151.48	0.10
6419.00	1.34	347.20	6399.94	-285.91	155.39	-285.91	325.41	151.48	0.14
6420.00	1.34	347.12	6400.94	-285.89	155.38	-285.89	325.39	151.48	0.19
6421.00	1.34	347.03	6401.94	-285.87	155.38	-285.87	325.36	151.47	0.22
6422.00	1.35	346.96	6402.93	-285.84	155.37	-285.84	325.34	151.47	0.38
6423.00	1.35	346.92	6403.93	-285.82	155.37	-285.82	325.32	151.47	0.66
6424.00	1.35	346.91	6404.93	-285.80	155.36	-285.80	325.30	151.47	0.15
6425.00	1.35	346.95	6405.93	-285.77	155.36	-285.77	325.27	151.47	0.36
6426.00	1.35	346.98	6406.93	-285.75	155.35	-285.75	325.25	151.47	0.20
6427.00	1.36	347.00	6407.93	-285.73	155.35	-285.73	325.23	151.47	0.55
6428.00	1.36	347.13	6408.93	-285.71	155.34	-285.71	325.21	151.47	0.36
6429.00	1.36	347.26	6409.93	-285.68	155.34	-285.68	325.18	151.47	0.35
6430.00	1.36	347.31	6410.93	-285.66	155.33	-285.66	325.16	151.46	0.34
6431.00	1.37	347.36	6411.93	-285.64	155.33	-285.64	325.14	151.46	0.34
6432.00	1.37	347.27	6412.93	-285.61	155.32	-285.61	325.11	151.46	0.27
6433.00	1.37	347.14	6413.93	-285.59	155.32	-285.59	325.09	151.46	0.32
6434.00	1.37	346.85	6414.93	-285.57	155.31	-285.57	325.07	151.46	0.69
6435.00	1.37	346.55	6415.93	-285.54	155.31	-285.54	325.05	151.46	0.74
6436.00	1.37	346.79	6416.93	-285.52	155.30	-285.52	325.02	151.46	0.58
6437.00	1.37	347.02	6417.93	-285.50	155.29	-285.50	325.00	151.46	0.56
6438.00	1.37	347.20	6418.93	-285.47	155.29	-285.47	324.98	151.46	0.42
6439.00	1.37	347.36	6419.93	-285.45	155.28	-285.45	324.95	151.45	0.39
6440.00	1.37	347.39	6420.93	-285.43	155.28	-285.43	324.93	151.45	0.09
6441.00	1.37	347.43	6421.93	-285.40	155.27	-285.40	324.91	151.45	0.32
6442.00	1.38	347.48	6422.93	-285.38	155.27	-285.38	324.88	151.45	0.48
6443.00	1.37	347.56	6423.93	-285.36	155.26	-285.36	324.86	151.45	0.46
6444.00	1.37	347.67	6424.93	-285.33	155.26	-285.33	324.84	151.45	0.82
6445.00	1.36	347.78	6425.93	-285.31	155.25	-285.31	324.81	151.45	0.52
6446.00	1.36	347.87	6426.93	-285.29	155.25	-285.29	324.79	151.45	0.39
6447.00	1.37	347.97	6427.93	-285.26	155.24	-285.26	324.77	151.44	0.35
6448.00	1.37	348.09	6428.93	-285.24	155.24	-285.24	324.75	151.44	0.31
6449.00	1.37	348.12	6429.93	-285.22	155.23	-285.22	324.72	151.44	0.10
6450.00	1.37	348.13	6430.93	-285.19	155.23	-285.19	324.70	151.44	0.12
6451.00	1.36	348.08	6431.93	-285.17	155.22	-285.17	324.68	151.44	0.34
6452.00	1.36	348.02	6432.93	-285.15	155.22	-285.15	324.66	151.44	0.36
6453.00	1.36	347.96	6433.93	-285.12	155.21	-285.12	324.63	151.44	0.22
6454.00	1.36	347.91	6434.93	-285.10	155.21	-285.10	324.61	151.44	0.26
6455.00	1.36	347.98	6435.93	-285.08	155.20	-285.08	324.59	151.43	0.19
6456.00	1.36	348.07	6436.93	-285.05	155.20	-285.05	324.56	151.43	0.24
6457.00	1.36	348.13	6437.93	-285.03	155.19	-285.03	324.54	151.43	0.17

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6458.00	1.36	348.19	6438.92	-285.01	155.19	-285.01	324.52	151.43	0.16
6459.00	1.36	348.24	6439.92	-284.98	155.18	-284.98	324.50	151.43	0.18
6460.00	1.36	348.30	6440.92	-284.96	155.18	-284.96	324.47	151.43	0.16
6461.00	1.37	348.39	6441.92	-284.94	155.17	-284.94	324.45	151.43	0.39
6462.00	1.37	348.46	6442.92	-284.91	155.17	-284.91	324.43	151.43	0.33
6463.00	1.37	348.47	6443.92	-284.89	155.16	-284.89	324.40	151.43	0.27
6464.00	1.36	348.46	6444.92	-284.87	155.16	-284.87	324.38	151.42	0.08
6465.00	1.37	348.35	6445.92	-284.84	155.15	-284.84	324.36	151.42	0.76
6466.00	1.38	348.24	6446.92	-284.82	155.15	-284.82	324.34	151.42	0.49
6467.00	1.37	348.16	6447.92	-284.80	155.15	-284.80	324.31	151.42	0.32
6468.00	1.37	348.10	6448.92	-284.77	155.14	-284.77	324.29	151.42	0.15
6469.00	1.38	348.09	6449.92	-284.75	155.14	-284.75	324.27	151.42	0.22
6470.00	1.38	348.09	6450.92	-284.73	155.13	-284.73	324.24	151.42	0.10
6471.00	1.38	348.12	6451.92	-284.70	155.13	-284.70	324.22	151.42	0.08
6472.00	1.38	348.15	6452.92	-284.68	155.12	-284.68	324.20	151.41	0.10
6473.00	1.38	348.18	6453.92	-284.66	155.12	-284.66	324.17	151.41	0.15
6474.00	1.38	348.32	6454.92	-284.63	155.11	-284.63	324.15	151.41	0.34
6475.00	1.38	348.50	6455.92	-284.61	155.11	-284.61	324.13	151.41	0.47
6476.00	1.37	348.58	6456.92	-284.58	155.10	-284.58	324.11	151.41	0.29
6477.00	1.37	348.62	6457.92	-284.56	155.10	-284.56	324.08	151.41	0.26
6478.00	1.37	348.60	6458.92	-284.54	155.09	-284.54	324.06	151.41	0.29
6479.00	1.37	348.57	6459.92	-284.51	155.09	-284.51	324.04	151.41	0.30
6480.00	1.37	348.49	6460.92	-284.49	155.08	-284.49	324.01	151.40	0.64
6481.00	1.38	348.43	6461.92	-284.47	155.08	-284.47	323.99	151.40	0.50
6482.00	1.37	348.55	6462.92	-284.44	155.07	-284.44	323.97	151.40	0.71
6483.00	1.36	348.66	6463.92	-284.42	155.07	-284.42	323.95	151.40	0.76
6484.00	1.36	348.69	6464.92	-284.40	155.06	-284.40	323.92	151.40	0.65
6485.00	1.36	348.63	6465.92	-284.37	155.06	-284.37	323.90	151.40	0.15
6486.00	1.36	348.57	6466.92	-284.35	155.05	-284.35	323.88	151.40	0.15
6487.00	1.36	348.50	6467.92	-284.33	155.05	-284.33	323.86	151.40	0.15
6488.00	1.36	348.44	6468.92	-284.30	155.04	-284.30	323.83	151.39	0.15
6489.00	1.36	348.38	6469.92	-284.28	155.04	-284.28	323.81	151.39	0.15
6490.00	1.36	348.31	6470.92	-284.26	155.03	-284.26	323.79	151.39	0.15
6491.00	1.36	348.25	6471.92	-284.23	155.03	-284.23	323.77	151.39	0.15
6492.00	1.36	348.19	6472.92	-284.21	155.03	-284.21	323.74	151.39	0.15
6493.00	1.36	348.13	6473.91	-284.19	155.02	-284.19	323.72	151.39	0.15
6494.00	1.36	348.06	6474.91	-284.17	155.02	-284.17	323.70	151.39	0.15
6495.00	1.36	348.00	6475.91	-284.14	155.01	-284.14	323.67	151.39	0.15
6496.00	1.36	347.94	6476.91	-284.12	155.01	-284.12	323.65	151.38	0.15
6497.00	1.36	347.98	6477.91	-284.10	155.00	-284.10	323.63	151.38	0.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6498.00	1.36	348.05	6478.91	-284.07	155.00	-284.07	323.61	151.38	0.26
6499.00	1.36	348.13	6479.91	-284.05	154.99	-284.05	323.58	151.38	0.26
6500.00	1.35	348.06	6480.91	-284.03	154.99	-284.03	323.56	151.38	0.33
6501.00	1.35	347.95	6481.91	-284.00	154.98	-284.00	323.54	151.38	0.40
6502.00	1.35	347.82	6482.91	-283.98	154.98	-283.98	323.52	151.38	0.41
6503.00	1.34	347.68	6483.91	-283.96	154.97	-283.96	323.49	151.38	0.41
6504.00	1.34	347.61	6484.91	-283.93	154.97	-283.93	323.47	151.38	0.23
6505.00	1.34	347.54	6485.91	-283.91	154.96	-283.91	323.45	151.37	0.21
6506.00	1.34	347.51	6486.91	-283.89	154.96	-283.89	323.43	151.37	0.13
6507.00	1.34	347.48	6487.91	-283.87	154.95	-283.87	323.40	151.37	0.13
6508.00	1.34	347.20	6488.91	-283.84	154.95	-283.84	323.38	151.37	0.66
6509.00	1.34	346.92	6489.91	-283.82	154.94	-283.82	323.36	151.37	0.66
6510.00	1.34	346.83	6490.91	-283.80	154.94	-283.80	323.34	151.37	0.22
6511.00	1.34	346.75	6491.91	-283.77	154.93	-283.77	323.31	151.37	0.22
6512.00	1.33	346.70	6492.91	-283.75	154.92	-283.75	323.29	151.37	0.48
6513.00	1.33	346.64	6493.91	-283.73	154.92	-283.73	323.27	151.37	0.43
6514.00	1.33	346.48	6494.91	-283.71	154.91	-283.71	323.25	151.36	0.40
6515.00	1.33	346.31	6495.91	-283.68	154.91	-283.68	323.22	151.36	0.41
6516.00	1.33	346.08	6496.91	-283.66	154.90	-283.66	323.20	151.36	0.55
6517.00	1.33	345.87	6497.91	-283.64	154.90	-283.64	323.18	151.36	0.48
6518.00	1.33	345.92	6498.91	-283.62	154.89	-283.62	323.16	151.36	0.50
6519.00	1.32	346.01	6499.91	-283.59	154.89	-283.59	323.13	151.36	0.37
6520.00	1.32	346.17	6500.91	-283.57	154.88	-283.57	323.11	151.36	0.38
6521.00	1.32	346.19	6501.91	-283.55	154.87	-283.55	323.09	151.36	0.13
6522.00	1.32	346.16	6502.91	-283.53	154.87	-283.53	323.07	151.36	0.23
6523.00	1.32	346.05	6503.91	-283.50	154.86	-283.50	323.04	151.35	0.26
6524.00	1.32	345.84	6504.91	-283.48	154.86	-283.48	323.02	151.35	0.50
6525.00	1.32	345.67	6505.91	-283.46	154.85	-283.46	323.00	151.35	0.39
6526.00	1.32	345.54	6506.91	-283.44	154.85	-283.44	322.98	151.35	0.31
6527.00	1.32	345.49	6507.91	-283.42	154.84	-283.42	322.96	151.35	0.11
6528.00	1.32	345.50	6508.91	-283.39	154.84	-283.39	322.93	151.35	0.08
6529.00	1.32	345.50	6509.90	-283.37	154.83	-283.37	322.91	151.35	0.32
6530.00	1.31	345.51	6510.90	-283.35	154.82	-283.35	322.89	151.35	0.49
6531.00	1.31	345.49	6511.90	-283.33	154.82	-283.33	322.87	151.35	0.19
6532.00	1.31	345.47	6512.90	-283.30	154.81	-283.30	322.84	151.35	0.08
6533.00	1.31	345.43	6513.90	-283.28	154.81	-283.28	322.82	151.34	0.09
6534.00	1.31	345.39	6514.90	-283.26	154.80	-283.26	322.80	151.34	0.10
6535.00	1.31	345.25	6515.90	-283.24	154.79	-283.24	322.78	151.34	0.38
6536.00	1.31	345.09	6516.90	-283.22	154.79	-283.22	322.76	151.34	0.42
6537.00	1.30	344.54	6517.90	-283.19	154.78	-283.19	322.73	151.34	1.28

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6538.00	1.30	344.04	6518.90	-283.17	154.78	-283.17	322.71	151.34	1.15
6539.00	1.30	344.06	6519.90	-283.15	154.77	-283.15	322.69	151.34	0.16
6540.00	1.30	344.05	6520.90	-283.13	154.76	-283.13	322.67	151.34	0.23
6541.00	1.29	343.97	6521.90	-283.11	154.76	-283.11	322.64	151.34	0.54
6542.00	1.29	343.86	6522.90	-283.08	154.75	-283.08	322.62	151.34	0.50
6543.00	1.29	343.65	6523.90	-283.06	154.75	-283.06	322.60	151.34	0.49
6544.00	1.28	343.41	6524.90	-283.04	154.74	-283.04	322.58	151.33	0.58
6545.00	1.28	343.05	6525.90	-283.02	154.73	-283.02	322.56	151.33	0.93
6546.00	1.27	342.73	6526.90	-283.00	154.73	-283.00	322.53	151.33	0.87
6547.00	1.27	342.54	6527.90	-282.98	154.72	-282.98	322.51	151.33	0.65
6548.00	1.27	342.33	6528.90	-282.96	154.71	-282.96	322.49	151.33	0.68
6549.00	1.26	342.04	6529.90	-282.94	154.71	-282.94	322.47	151.33	0.79
6550.00	1.26	341.70	6530.90	-282.92	154.70	-282.92	322.45	151.33	0.85
6551.00	1.26	341.12	6531.90	-282.89	154.69	-282.89	322.43	151.33	1.27
6552.00	1.26	340.55	6532.90	-282.87	154.69	-282.87	322.41	151.33	1.24
6553.00	1.25	340.06	6533.90	-282.85	154.68	-282.85	322.38	151.33	1.14
6554.00	1.25	339.58	6534.90	-282.83	154.67	-282.83	322.36	151.33	1.15
6555.00	1.24	339.16	6535.90	-282.81	154.66	-282.81	322.34	151.33	1.32
6556.00	1.23	338.72	6536.90	-282.79	154.66	-282.79	322.32	151.33	1.21
6557.00	1.23	338.24	6537.90	-282.77	154.65	-282.77	322.30	151.33	1.04
6558.00	1.23	337.76	6538.90	-282.75	154.64	-282.75	322.28	151.33	1.05
6559.00	1.22	337.28	6539.90	-282.73	154.63	-282.73	322.26	151.33	1.19
6560.00	1.22	336.86	6540.90	-282.71	154.62	-282.71	322.23	151.32	1.07
6561.00	1.21	336.65	6541.90	-282.69	154.61	-282.69	322.21	151.32	0.64
6562.00	1.21	336.37	6542.90	-282.67	154.61	-282.67	322.19	151.32	0.70
6563.00	1.21	335.88	6543.90	-282.65	154.60	-282.65	322.17	151.32	1.02
6564.00	1.20	335.28	6544.90	-282.64	154.59	-282.64	322.15	151.32	1.29
6565.00	1.20	334.51	6545.90	-282.62	154.58	-282.62	322.13	151.32	1.71
6566.00	1.19	333.76	6546.90	-282.60	154.57	-282.60	322.11	151.32	1.59
6567.00	1.19	333.05	6547.90	-282.58	154.56	-282.58	322.09	151.32	1.49
6568.00	1.19	332.38	6548.90	-282.56	154.55	-282.56	322.07	151.32	1.41
6569.00	1.19	331.73	6549.90	-282.54	154.54	-282.54	322.05	151.32	1.35
6570.00	1.19	331.09	6550.90	-282.52	154.53	-282.52	322.03	151.32	1.36
6571.00	1.18	330.46	6551.89	-282.51	154.52	-282.51	322.00	151.32	1.38
6572.00	1.18	329.88	6552.89	-282.49	154.51	-282.49	321.98	151.32	1.20
6573.00	1.18	329.31	6553.89	-282.47	154.50	-282.47	321.96	151.32	1.17
6574.00	1.18	328.73	6554.89	-282.45	154.49	-282.45	321.94	151.32	1.20
6575.00	1.18	328.15	6555.89	-282.44	154.48	-282.44	321.92	151.32	1.21
6576.00	1.18	327.77	6556.89	-282.42	154.47	-282.42	321.90	151.32	0.78
6577.00	1.18	327.45	6557.89	-282.40	154.46	-282.40	321.88	151.32	0.68

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6578.00	1.18	326.89	6558.89	-282.38	154.45	-282.38	321.86	151.32	1.16
6579.00	1.18	326.27	6559.89	-282.37	154.44	-282.37	321.84	151.32	1.29
6580.00	1.18	325.85	6560.89	-282.35	154.42	-282.35	321.82	151.32	0.88
6581.00	1.19	325.47	6561.89	-282.33	154.41	-282.33	321.80	151.32	0.79
6582.00	1.19	324.97	6562.89	-282.31	154.40	-282.31	321.78	151.33	1.06
6583.00	1.19	324.48	6563.89	-282.30	154.39	-282.30	321.76	151.33	1.01
6584.00	1.19	324.14	6564.89	-282.28	154.38	-282.28	321.74	151.33	0.72
6585.00	1.19	323.80	6565.89	-282.26	154.36	-282.26	321.72	151.33	0.72
6586.00	1.19	323.39	6566.89	-282.25	154.35	-282.25	321.70	151.33	0.88
6587.00	1.20	322.98	6567.89	-282.23	154.34	-282.23	321.67	151.33	0.92
6588.00	1.20	322.62	6568.89	-282.21	154.33	-282.21	321.65	151.33	0.79
6589.00	1.20	322.29	6569.89	-282.20	154.31	-282.20	321.63	151.33	0.76
6590.00	1.20	321.93	6570.89	-282.18	154.30	-282.18	321.61	151.33	0.79
6591.00	1.20	321.55	6571.89	-282.16	154.29	-282.16	321.59	151.33	0.80
6592.00	1.21	321.30	6572.89	-282.15	154.27	-282.15	321.57	151.33	0.85
6593.00	1.22	321.06	6573.89	-282.13	154.26	-282.13	321.55	151.33	0.80
6594.00	1.22	320.88	6574.89	-282.11	154.25	-282.11	321.53	151.33	0.41
6595.00	1.22	320.68	6575.89	-282.10	154.23	-282.10	321.51	151.33	0.43
6596.00	1.22	320.38	6576.89	-282.08	154.22	-282.08	321.49	151.33	0.76
6597.00	1.22	320.10	6577.89	-282.07	154.21	-282.07	321.47	151.33	0.69
6598.00	1.23	319.87	6578.89	-282.05	154.19	-282.05	321.45	151.33	0.55
6599.00	1.23	319.64	6579.89	-282.03	154.18	-282.03	321.42	151.34	0.52
6600.00	1.23	319.43	6580.89	-282.02	154.17	-282.02	321.40	151.34	0.48
6601.00	1.23	319.15	6581.89	-282.00	154.15	-282.00	321.38	151.34	0.65
6602.00	1.24	318.79	6582.89	-281.98	154.14	-281.98	321.36	151.34	0.93
6603.00	1.24	318.49	6583.89	-281.97	154.12	-281.97	321.34	151.34	0.72
6604.00	1.24	318.26	6584.89	-281.95	154.11	-281.95	321.32	151.34	0.52
6605.00	1.24	318.01	6585.89	-281.94	154.09	-281.94	321.30	151.34	0.59
6606.00	1.25	317.72	6586.89	-281.92	154.08	-281.92	321.28	151.34	0.67
6607.00	1.25	317.48	6587.89	-281.90	154.07	-281.90	321.26	151.34	0.61
6608.00	1.25	317.27	6588.89	-281.89	154.05	-281.89	321.24	151.34	0.57
6609.00	1.26	317.10	6589.89	-281.87	154.04	-281.87	321.21	151.34	0.44
6610.00	1.26	316.95	6590.89	-281.85	154.02	-281.85	321.19	151.35	0.33
6611.00	1.26	316.83	6591.89	-281.84	154.01	-281.84	321.17	151.35	0.32
6612.00	1.26	316.74	6592.89	-281.82	153.99	-281.82	321.15	151.35	0.39
6613.00	1.26	316.64	6593.89	-281.81	153.98	-281.81	321.13	151.35	0.26
6614.00	1.26	316.51	6594.89	-281.79	153.96	-281.79	321.11	151.35	0.28
6615.00	1.26	316.40	6595.88	-281.77	153.95	-281.77	321.09	151.35	0.32
6616.00	1.27	316.30	6596.88	-281.76	153.93	-281.76	321.06	151.35	0.53
6617.00	1.27	316.17	6597.88	-281.74	153.91	-281.74	321.04	151.35	0.42

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6618.00	1.27	316.02	6598.88	-281.73	153.90	-281.73	321.02	151.35	0.37
6619.00	1.28	315.81	6599.88	-281.71	153.88	-281.71	321.00	151.35	0.52
6620.00	1.28	315.54	6600.88	-281.70	153.87	-281.70	320.98	151.36	0.66
6621.00	1.28	315.21	6601.88	-281.68	153.85	-281.68	320.96	151.36	0.78
6622.00	1.28	314.89	6602.88	-281.66	153.84	-281.66	320.94	151.36	0.78
6623.00	1.28	314.53	6603.88	-281.65	153.82	-281.65	320.91	151.36	0.81
6624.00	1.28	314.15	6604.88	-281.63	153.80	-281.63	320.89	151.36	0.85
6625.00	1.29	313.82	6605.88	-281.62	153.79	-281.62	320.87	151.36	0.78
6626.00	1.29	313.52	6606.88	-281.60	153.77	-281.60	320.85	151.36	0.77
6627.00	1.29	313.22	6607.88	-281.59	153.76	-281.59	320.83	151.36	0.74
6628.00	1.30	312.92	6608.88	-281.57	153.74	-281.57	320.81	151.37	0.74
6629.00	1.30	312.67	6609.88	-281.55	153.72	-281.55	320.79	151.37	0.58
6630.00	1.30	312.43	6610.88	-281.54	153.71	-281.54	320.76	151.37	0.56
6631.00	1.30	312.21	6611.88	-281.52	153.69	-281.52	320.74	151.37	0.55
6632.00	1.30	311.99	6612.88	-281.51	153.67	-281.51	320.72	151.37	0.55
6633.00	1.30	311.85	6613.88	-281.49	153.66	-281.49	320.70	151.37	0.32
6634.00	1.30	311.70	6614.88	-281.48	153.64	-281.48	320.68	151.37	0.34
6635.00	1.31	311.43	6615.88	-281.46	153.62	-281.46	320.66	151.37	0.73
6636.00	1.31	311.15	6616.88	-281.45	153.60	-281.45	320.64	151.38	0.71
6637.00	1.31	310.92	6617.88	-281.43	153.59	-281.43	320.61	151.38	0.55
6638.00	1.31	310.69	6618.88	-281.42	153.57	-281.42	320.59	151.38	0.54
6639.00	1.31	310.49	6619.88	-281.40	153.55	-281.40	320.57	151.38	0.48
6640.00	1.32	310.30	6620.88	-281.39	153.54	-281.39	320.55	151.38	0.47
6641.00	1.32	310.13	6621.88	-281.37	153.52	-281.37	320.53	151.38	0.41
6642.00	1.32	309.96	6622.88	-281.36	153.50	-281.36	320.51	151.38	0.41
6643.00	1.32	309.95	6623.88	-281.34	153.48	-281.34	320.49	151.39	0.36
6644.00	1.33	310.06	6624.88	-281.33	153.46	-281.33	320.46	151.39	0.40
6645.00	1.33	310.25	6625.88	-281.31	153.45	-281.31	320.44	151.39	0.52
6646.00	1.33	310.43	6626.88	-281.30	153.43	-281.30	320.42	151.39	0.42
6647.00	1.33	310.59	6627.88	-281.28	153.41	-281.28	320.40	151.39	0.38
6648.00	1.33	310.74	6628.88	-281.27	153.39	-281.27	320.38	151.39	0.37
6649.00	1.33	310.86	6629.88	-281.25	153.38	-281.25	320.36	151.39	0.40
6650.00	1.33	310.99	6630.88	-281.24	153.36	-281.24	320.33	151.40	0.30
6651.00	1.33	311.11	6631.88	-281.22	153.34	-281.22	320.31	151.40	0.30
6652.00	1.33	311.25	6632.88	-281.21	153.32	-281.21	320.29	151.40	0.32
6653.00	1.34	311.49	6633.88	-281.19	153.31	-281.19	320.27	151.40	0.63
6654.00	1.34	311.61	6634.87	-281.18	153.29	-281.18	320.25	151.40	0.42
6655.00	1.34	311.63	6635.87	-281.16	153.27	-281.16	320.22	151.40	0.29
6656.00	1.34	311.59	6636.87	-281.15	153.25	-281.15	320.20	151.41	0.12
6657.00	1.34	311.53	6637.87	-281.13	153.24	-281.13	320.18	151.41	0.15

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6658.00	1.34	311.45	6638.87	-281.11	153.22	-281.11	320.16	151.41	0.19
6659.00	1.35	311.35	6639.87	-281.10	153.20	-281.10	320.14	151.41	0.28
6660.00	1.35	311.30	6640.87	-281.08	153.18	-281.08	320.11	151.41	0.14
6661.00	1.35	311.30	6641.87	-281.07	153.17	-281.07	320.09	151.41	0.03
6662.00	1.35	311.29	6642.87	-281.05	153.15	-281.05	320.07	151.41	0.14
6663.00	1.35	311.27	6643.87	-281.04	153.13	-281.04	320.05	151.42	0.24
6664.00	1.35	311.17	6644.87	-281.02	153.11	-281.02	320.03	151.42	0.24
6665.00	1.35	311.03	6645.87	-281.01	153.09	-281.01	320.00	151.42	0.33
6666.00	1.35	310.95	6646.87	-280.99	153.08	-280.99	319.98	151.42	0.21
6667.00	1.35	310.87	6647.87	-280.98	153.06	-280.98	319.96	151.42	0.18
6668.00	1.35	310.74	6648.87	-280.96	153.04	-280.96	319.94	151.42	0.35
6669.00	1.35	310.60	6649.87	-280.94	153.02	-280.94	319.92	151.42	0.37
6670.00	1.35	310.52	6650.87	-280.93	153.01	-280.93	319.89	151.43	0.18
6671.00	1.35	310.49	6651.87	-280.91	152.99	-280.91	319.87	151.43	0.18
6672.00	1.35	310.44	6652.87	-280.90	152.97	-280.90	319.85	151.43	0.14
6673.00	1.35	310.35	6653.87	-280.88	152.95	-280.88	319.83	151.43	0.22
6674.00	1.35	310.24	6654.87	-280.87	152.93	-280.87	319.81	151.43	0.28
6675.00	1.35	310.08	6655.87	-280.85	152.92	-280.85	319.78	151.43	0.36
6676.00	1.35	309.96	6656.87	-280.84	152.90	-280.84	319.76	151.43	0.30
6677.00	1.35	309.86	6657.87	-280.82	152.88	-280.82	319.74	151.44	0.25
6678.00	1.35	309.79	6658.87	-280.81	152.86	-280.81	319.72	151.44	0.17
6679.00	1.35	309.75	6659.87	-280.79	152.84	-280.79	319.70	151.44	0.21
6680.00	1.35	309.79	6660.87	-280.78	152.83	-280.78	319.67	151.44	0.13
6681.00	1.35	309.92	6661.87	-280.76	152.81	-280.76	319.65	151.44	0.31
6682.00	1.35	310.14	6662.87	-280.75	152.79	-280.75	319.63	151.44	0.53
6683.00	1.35	310.42	6663.87	-280.73	152.77	-280.73	319.61	151.45	0.69
6684.00	1.35	310.61	6664.87	-280.72	152.75	-280.72	319.59	151.45	0.44
6685.00	1.35	310.79	6665.87	-280.70	152.74	-280.70	319.56	151.45	0.44
6686.00	1.35	310.89	6666.87	-280.69	152.72	-280.69	319.54	151.45	0.24
6687.00	1.35	310.98	6667.87	-280.67	152.70	-280.67	319.52	151.45	0.24
6688.00	1.35	311.10	6668.87	-280.65	152.68	-280.65	319.50	151.45	0.26
6689.00	1.35	311.21	6669.87	-280.64	152.66	-280.64	319.48	151.45	0.26
6690.00	1.35	311.37	6670.86	-280.62	152.65	-280.62	319.45	151.46	0.39
6691.00	1.35	311.53	6671.86	-280.61	152.63	-280.61	319.43	151.46	0.41
6692.00	1.35	311.61	6672.86	-280.59	152.61	-280.59	319.41	151.46	0.22
6693.00	1.35	311.70	6673.86	-280.58	152.59	-280.58	319.39	151.46	0.21
6694.00	1.35	311.79	6674.86	-280.56	152.58	-280.56	319.37	151.46	0.22
6695.00	1.35	311.87	6675.86	-280.55	152.56	-280.55	319.34	151.46	0.22
6696.00	1.35	312.04	6676.86	-280.53	152.54	-280.53	319.32	151.46	0.40
6697.00	1.35	312.20	6677.86	-280.51	152.52	-280.51	319.30	151.47	0.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6698.00	1.35	312.31	6678.86	-280.50	152.51	-280.50	319.28	151.47	0.26
6699.00	1.35	312.40	6679.86	-280.48	152.49	-280.48	319.25	151.47	0.21
6700.00	1.35	312.28	6680.86	-280.47	152.47	-280.47	319.23	151.47	0.34
6701.00	1.35	312.17	6681.86	-280.45	152.45	-280.45	319.21	151.47	0.31
6702.00	1.35	312.07	6682.86	-280.43	152.44	-280.43	319.19	151.47	0.26
6703.00	1.35	311.99	6683.86	-280.42	152.42	-280.42	319.16	151.47	0.19
6704.00	1.35	311.93	6684.86	-280.40	152.40	-280.40	319.14	151.48	0.16
6705.00	1.35	311.84	6685.86	-280.39	152.38	-280.39	319.12	151.48	0.20
6706.00	1.35	311.68	6686.86	-280.37	152.37	-280.37	319.10	151.48	0.39
6707.00	1.35	311.48	6687.86	-280.36	152.35	-280.36	319.08	151.48	0.47
6708.00	1.35	311.20	6688.86	-280.34	152.33	-280.34	319.05	151.48	0.66
6709.00	1.35	311.06	6689.86	-280.32	152.31	-280.32	319.03	151.48	0.34
6710.00	1.35	310.95	6690.86	-280.31	152.30	-280.31	319.01	151.48	0.27
6711.00	1.35	310.91	6691.86	-280.29	152.28	-280.29	318.99	151.49	0.12
6712.00	1.35	310.88	6692.86	-280.28	152.26	-280.28	318.97	151.49	0.08
6713.00	1.35	310.78	6693.86	-280.26	152.24	-280.26	318.94	151.49	0.25
6714.00	1.35	310.49	6694.86	-280.25	152.22	-280.25	318.92	151.49	0.70
6715.00	1.35	310.42	6695.86	-280.23	152.21	-280.23	318.90	151.49	0.19
6716.00	1.35	310.36	6696.86	-280.22	152.19	-280.22	318.88	151.49	0.16
6717.00	1.35	310.31	6697.86	-280.20	152.17	-280.20	318.86	151.49	0.18
6718.00	1.35	310.25	6698.86	-280.19	152.15	-280.19	318.83	151.50	0.18
6719.00	1.36	310.18	6699.86	-280.17	152.13	-280.17	318.81	151.50	0.23
6720.00	1.36	310.09	6700.86	-280.16	152.12	-280.16	318.79	151.50	0.24
6721.00	1.36	309.99	6701.86	-280.14	152.10	-280.14	318.77	151.50	0.25
6722.00	1.36	309.90	6702.86	-280.13	152.08	-280.13	318.75	151.50	0.25
6723.00	1.36	309.83	6703.86	-280.11	152.06	-280.11	318.72	151.50	0.17
6724.00	1.36	309.76	6704.86	-280.10	152.04	-280.10	318.70	151.51	0.17
6725.00	1.36	309.87	6705.86	-280.08	152.02	-280.08	318.68	151.51	0.27
6726.00	1.36	309.99	6706.85	-280.06	152.01	-280.06	318.66	151.51	0.28
6727.00	1.36	310.15	6707.85	-280.05	151.99	-280.05	318.63	151.51	0.47
6728.00	1.36	310.30	6708.85	-280.03	151.97	-280.03	318.61	151.51	0.43
6729.00	1.36	310.35	6709.85	-280.02	151.95	-280.02	318.59	151.51	0.14
6730.00	1.37	310.39	6710.85	-280.00	151.93	-280.00	318.57	151.52	0.13
6731.00	1.37	310.42	6711.85	-279.99	151.92	-279.99	318.55	151.52	0.16
6732.00	1.37	310.44	6712.85	-279.97	151.90	-279.97	318.52	151.52	0.12
6733.00	1.37	310.49	6713.85	-279.96	151.88	-279.96	318.50	151.52	0.14
6734.00	1.37	310.53	6714.85	-279.94	151.86	-279.94	318.48	151.52	0.10
6735.00	1.37	310.53	6715.85	-279.93	151.84	-279.93	318.46	151.52	0.21
6736.00	1.37	310.52	6716.85	-279.91	151.83	-279.91	318.43	151.52	0.15
6737.00	1.37	310.42	6717.85	-279.89	151.81	-279.89	318.41	151.53	0.25

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6738.00	1.37	310.31	6718.85	-279.88	151.79	-279.88	318.39	151.53	0.27
6739.00	1.37	310.16	6719.85	-279.86	151.77	-279.86	318.37	151.53	0.37
6740.00	1.37	310.09	6720.85	-279.85	151.75	-279.85	318.35	151.53	0.16
6741.00	1.37	310.22	6721.85	-279.83	151.73	-279.83	318.32	151.53	0.32
6742.00	1.37	310.32	6722.85	-279.82	151.72	-279.82	318.30	151.53	0.25
6743.00	1.37	310.38	6723.85	-279.80	151.70	-279.80	318.28	151.54	0.17
6744.00	1.37	310.35	6724.85	-279.79	151.68	-279.79	318.26	151.54	0.10
6745.00	1.37	310.24	6725.85	-279.77	151.66	-279.77	318.23	151.54	0.27
6746.00	1.37	310.19	6726.85	-279.76	151.64	-279.76	318.21	151.54	0.11
6747.00	1.37	310.19	6727.85	-279.74	151.62	-279.74	318.19	151.54	0.05
6748.00	1.37	310.16	6728.85	-279.73	151.61	-279.73	318.17	151.54	0.16
6749.00	1.36	310.12	6729.85	-279.71	151.59	-279.71	318.15	151.54	0.24
6750.00	1.36	310.07	6730.85	-279.69	151.57	-279.69	318.12	151.55	0.11
6751.00	1.36	310.02	6731.85	-279.68	151.55	-279.68	318.10	151.55	0.12
6752.00	1.36	309.90	6732.85	-279.66	151.53	-279.66	318.08	151.55	0.45
6753.00	1.36	309.78	6733.85	-279.65	151.52	-279.65	318.06	151.55	0.50
6754.00	1.36	309.75	6734.85	-279.63	151.50	-279.63	318.04	151.55	0.08
6755.00	1.36	309.72	6735.85	-279.62	151.48	-279.62	318.01	151.55	0.08
6756.00	1.36	309.76	6736.85	-279.60	151.46	-279.60	317.99	151.56	0.11
6757.00	1.36	309.79	6737.85	-279.59	151.44	-279.59	317.97	151.56	0.08
6758.00	1.35	309.74	6738.85	-279.57	151.42	-279.57	317.95	151.56	0.18
6759.00	1.35	309.70	6739.85	-279.56	151.41	-279.56	317.93	151.56	0.17
6760.00	1.35	309.70	6740.85	-279.54	151.39	-279.54	317.90	151.56	0.17
6761.00	1.35	309.72	6741.84	-279.53	151.37	-279.53	317.88	151.56	0.06
6762.00	1.35	309.74	6742.84	-279.51	151.35	-279.51	317.86	151.57	0.21
6763.00	1.35	309.77	6743.84	-279.50	151.33	-279.50	317.84	151.57	0.11
6764.00	1.35	309.80	6744.84	-279.48	151.32	-279.48	317.82	151.57	0.13
6765.00	1.35	309.74	6745.84	-279.47	151.30	-279.47	317.79	151.57	0.14
6766.00	1.35	309.59	6746.84	-279.45	151.28	-279.45	317.77	151.57	0.36
6767.00	1.35	309.44	6747.84	-279.44	151.26	-279.44	317.75	151.57	0.35
6768.00	1.35	309.30	6748.84	-279.42	151.24	-279.42	317.73	151.57	0.34
6769.00	1.35	309.32	6749.84	-279.41	151.22	-279.41	317.71	151.58	0.09
6770.00	1.35	309.39	6750.84	-279.39	151.21	-279.39	317.68	151.58	0.23
6771.00	1.35	309.67	6751.84	-279.38	151.19	-279.38	317.66	151.58	0.66
6772.00	1.35	310.00	6752.84	-279.36	151.17	-279.36	317.64	151.58	0.77
6773.00	1.35	309.94	6753.84	-279.35	151.15	-279.35	317.62	151.58	0.39
6774.00	1.36	309.84	6754.84	-279.33	151.13	-279.33	317.60	151.58	0.48
6775.00	1.35	309.86	6755.84	-279.32	151.12	-279.32	317.58	151.59	0.16
6776.00	1.35	309.90	6756.84	-279.30	151.10	-279.30	317.55	151.59	0.23
6777.00	1.35	310.03	6757.84	-279.29	151.08	-279.29	317.53	151.59	0.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6778.00	1.35	310.17	6758.84	-279.27	151.06	-279.27	317.51	151.59	0.34
6779.00	1.35	310.28	6759.84	-279.26	151.04	-279.26	317.49	151.59	0.25
6780.00	1.35	310.37	6760.84	-279.24	151.03	-279.24	317.47	151.59	0.22
6781.00	1.36	310.34	6761.84	-279.23	151.01	-279.23	317.44	151.60	0.18
6782.00	1.36	310.32	6762.84	-279.21	150.99	-279.21	317.42	151.60	0.14
6783.00	1.36	310.37	6763.84	-279.19	150.97	-279.19	317.40	151.60	0.19
6784.00	1.35	310.43	6764.84	-279.18	150.95	-279.18	317.38	151.60	0.17
6785.00	1.36	310.53	6765.84	-279.16	150.94	-279.16	317.35	151.60	0.25
6786.00	1.36	310.62	6766.84	-279.15	150.92	-279.15	317.33	151.60	0.27
6787.00	1.36	310.69	6767.84	-279.13	150.90	-279.13	317.31	151.60	0.43
6788.00	1.36	310.76	6768.84	-279.12	150.88	-279.12	317.29	151.61	0.31
6789.00	1.36	310.80	6769.84	-279.10	150.86	-279.10	317.27	151.61	0.27
6790.00	1.36	310.87	6770.84	-279.09	150.85	-279.09	317.24	151.61	0.20
6791.00	1.36	310.99	6771.84	-279.07	150.83	-279.07	317.22	151.61	0.34
6792.00	1.36	311.08	6772.84	-279.06	150.81	-279.06	317.20	151.61	0.28
6793.00	1.37	311.08	6773.84	-279.04	150.79	-279.04	317.18	151.61	0.24
6794.00	1.37	311.06	6774.84	-279.02	150.77	-279.02	317.15	151.61	0.13
6795.00	1.37	310.98	6775.84	-279.01	150.76	-279.01	317.13	151.62	0.25
6796.00	1.37	310.94	6776.84	-278.99	150.74	-278.99	317.11	151.62	0.11
6797.00	1.37	310.95	6777.83	-278.98	150.72	-278.98	317.09	151.62	0.30
6798.00	1.37	310.93	6778.83	-278.96	150.70	-278.96	317.07	151.62	0.20
6799.00	1.37	310.88	6779.83	-278.95	150.68	-278.95	317.04	151.62	0.14
6800.00	1.37	310.81	6780.83	-278.93	150.67	-278.93	317.02	151.62	0.18
6801.00	1.37	310.73	6781.83	-278.91	150.65	-278.91	317.00	151.63	0.25
6802.00	1.37	310.65	6782.83	-278.90	150.63	-278.90	316.98	151.63	0.21
6803.00	1.37	310.58	6783.83	-278.88	150.61	-278.88	316.95	151.63	0.18
6804.00	1.38	310.52	6784.83	-278.87	150.59	-278.87	316.93	151.63	0.15
6805.00	1.38	310.50	6785.83	-278.85	150.57	-278.85	316.91	151.63	0.28
6806.00	1.38	310.48	6786.83	-278.84	150.56	-278.84	316.89	151.63	0.22
6807.00	1.38	310.45	6787.83	-278.82	150.54	-278.82	316.86	151.64	0.16
6808.00	1.38	310.44	6788.83	-278.81	150.52	-278.81	316.84	151.64	0.05
6809.00	1.38	310.45	6789.83	-278.79	150.50	-278.79	316.82	151.64	0.24
6810.00	1.38	310.45	6790.83	-278.77	150.48	-278.77	316.80	151.64	0.03
6811.00	1.38	310.43	6791.83	-278.76	150.46	-278.76	316.77	151.64	0.45
6812.00	1.39	310.40	6792.83	-278.74	150.45	-278.74	316.75	151.64	0.40
6813.00	1.39	310.37	6793.83	-278.73	150.43	-278.73	316.73	151.64	0.11
6814.00	1.39	310.35	6794.83	-278.71	150.41	-278.71	316.71	151.65	0.11
6815.00	1.39	310.37	6795.83	-278.70	150.39	-278.70	316.68	151.65	0.13
6816.00	1.39	310.41	6796.83	-278.68	150.37	-278.68	316.66	151.65	0.16
6817.00	1.39	310.35	6797.83	-278.66	150.35	-278.66	316.64	151.65	0.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6818.00	1.39	310.29	6798.83	-278.65	150.34	-278.65	316.62	151.65	0.14
6819.00	1.39	310.26	6799.83	-278.63	150.32	-278.63	316.59	151.65	0.11
6820.00	1.39	310.22	6800.83	-278.62	150.30	-278.62	316.57	151.66	0.11
6821.00	1.39	310.28	6801.83	-278.60	150.28	-278.60	316.55	151.66	0.16
6822.00	1.39	310.39	6802.83	-278.59	150.26	-278.59	316.53	151.66	0.26
6823.00	1.39	310.46	6803.83	-278.57	150.24	-278.57	316.50	151.66	0.17
6824.00	1.39	310.48	6804.83	-278.55	150.22	-278.55	316.48	151.66	0.16
6825.00	1.39	310.49	6805.83	-278.54	150.21	-278.54	316.46	151.66	0.02
6826.00	1.39	310.45	6806.83	-278.52	150.19	-278.52	316.44	151.67	0.20
6827.00	1.39	310.45	6807.83	-278.51	150.17	-278.51	316.41	151.67	0.14
6828.00	1.39	310.50	6808.83	-278.49	150.15	-278.49	316.39	151.67	0.16
6829.00	1.39	310.57	6809.83	-278.48	150.13	-278.48	316.37	151.67	0.16
6830.00	1.39	310.64	6810.83	-278.46	150.11	-278.46	316.34	151.67	0.32
6831.00	1.39	310.70	6811.82	-278.44	150.10	-278.44	316.32	151.67	0.28
6832.00	1.39	310.72	6812.82	-278.43	150.08	-278.43	316.30	151.67	0.14
6833.00	1.39	310.74	6813.82	-278.41	150.06	-278.41	316.28	151.68	0.14
6834.00	1.39	310.75	6814.82	-278.40	150.04	-278.40	316.25	151.68	0.12
6835.00	1.39	310.76	6815.82	-278.38	150.02	-278.38	316.23	151.68	0.14
6836.00	1.38	310.75	6816.82	-278.37	150.00	-278.37	316.21	151.68	0.13
6837.00	1.38	310.73	6817.82	-278.35	149.99	-278.35	316.19	151.68	0.13
6838.00	1.38	310.92	6818.82	-278.33	149.97	-278.33	316.16	151.68	0.48
6839.00	1.38	311.12	6819.82	-278.32	149.95	-278.32	316.14	151.69	0.53
6840.00	1.38	311.15	6820.82	-278.30	149.93	-278.30	316.12	151.69	0.06
6841.00	1.38	311.13	6821.82	-278.29	149.91	-278.29	316.10	151.69	0.07
6842.00	1.38	311.17	6822.82	-278.27	149.89	-278.27	316.07	151.69	0.11
6843.00	1.38	311.25	6823.82	-278.25	149.88	-278.25	316.05	151.69	0.22
6844.00	1.38	311.29	6824.82	-278.24	149.86	-278.24	316.03	151.69	0.26
6845.00	1.37	311.22	6825.82	-278.22	149.84	-278.22	316.01	151.69	0.63
6846.00	1.37	311.12	6826.82	-278.21	149.82	-278.21	315.98	151.70	0.41
6847.00	1.37	311.00	6827.82	-278.19	149.80	-278.19	315.96	151.70	0.32
6848.00	1.37	310.97	6828.82	-278.18	149.79	-278.18	315.94	151.70	0.10
6849.00	1.37	311.05	6829.82	-278.16	149.77	-278.16	315.92	151.70	0.24
6850.00	1.36	311.13	6830.82	-278.14	149.75	-278.14	315.89	151.70	0.42
6851.00	1.35	311.22	6831.82	-278.13	149.73	-278.13	315.87	151.70	0.90
6852.00	1.35	311.29	6832.82	-278.11	149.71	-278.11	315.85	151.71	0.26
6853.00	1.36	311.35	6833.82	-278.10	149.70	-278.10	315.83	151.71	0.50
6854.00	1.36	311.42	6834.82	-278.08	149.68	-278.08	315.81	151.71	0.32
6855.00	1.36	311.54	6835.82	-278.07	149.66	-278.07	315.78	151.71	0.37
6856.00	1.35	311.64	6836.82	-278.05	149.64	-278.05	315.76	151.71	0.35
6857.00	1.35	311.60	6837.82	-278.04	149.63	-278.04	315.74	151.71	0.29

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6858.00	1.35	311.55	6838.82	-278.02	149.61	-278.02	315.72	151.71	0.29
6859.00	1.35	311.78	6839.82	-278.00	149.59	-278.00	315.70	151.72	0.54
6860.00	1.35	312.03	6840.82	-277.99	149.57	-277.99	315.67	151.72	0.62
6861.00	1.35	311.88	6841.82	-277.97	149.56	-277.97	315.65	151.72	0.46
6862.00	1.35	311.74	6842.82	-277.96	149.54	-277.96	315.63	151.72	0.46
6863.00	1.34	311.79	6843.82	-277.94	149.52	-277.94	315.61	151.72	0.19
6864.00	1.34	311.83	6844.82	-277.93	149.50	-277.93	315.58	151.72	0.19
6865.00	1.34	311.87	6845.82	-277.91	149.49	-277.91	315.56	151.72	0.12
6866.00	1.34	311.91	6846.81	-277.89	149.47	-277.89	315.54	151.73	0.10
6867.00	1.34	311.91	6847.81	-277.88	149.45	-277.88	315.52	151.73	0.13
6868.00	1.35	311.88	6848.81	-277.86	149.43	-277.86	315.50	151.73	0.31
6869.00	1.35	311.95	6849.81	-277.85	149.42	-277.85	315.47	151.73	0.27
6870.00	1.35	312.12	6850.81	-277.83	149.40	-277.83	315.45	151.73	0.42
6871.00	1.35	312.21	6851.81	-277.82	149.38	-277.82	315.43	151.73	0.27
6872.00	1.34	312.26	6852.81	-277.80	149.36	-277.80	315.41	151.73	0.36
6873.00	1.34	312.28	6853.81	-277.78	149.35	-277.78	315.39	151.74	0.06
6874.00	1.35	312.26	6854.81	-277.77	149.33	-277.77	315.36	151.74	0.61
6875.00	1.36	312.24	6855.81	-277.75	149.31	-277.75	315.34	151.74	0.44
6876.00	1.35	312.15	6856.81	-277.74	149.29	-277.74	315.32	151.74	0.32
6877.00	1.35	312.07	6857.81	-277.72	149.28	-277.72	315.30	151.74	0.32
6878.00	1.35	311.87	6858.81	-277.70	149.26	-277.70	315.27	151.74	0.58
6879.00	1.34	311.67	6859.81	-277.69	149.24	-277.69	315.25	151.74	0.58
6880.00	1.34	311.64	6860.81	-277.67	149.22	-277.67	315.23	151.75	0.23
6881.00	1.34	311.61	6861.81	-277.66	149.21	-277.66	315.21	151.75	0.25
6882.00	1.33	311.54	6862.81	-277.64	149.19	-277.64	315.19	151.75	0.50
6883.00	1.33	311.47	6863.81	-277.63	149.17	-277.63	315.17	151.75	0.50
6884.00	1.33	311.36	6864.81	-277.61	149.15	-277.61	315.14	151.75	0.27
6885.00	1.33	311.23	6865.81	-277.60	149.14	-277.60	315.12	151.75	0.29
6886.00	1.33	311.09	6866.81	-277.58	149.12	-277.58	315.10	151.75	0.36
6887.00	1.33	310.94	6867.81	-277.57	149.10	-277.57	315.08	151.76	0.41
6888.00	1.32	310.78	6868.81	-277.55	149.08	-277.55	315.06	151.76	0.56
6889.00	1.32	310.61	6869.81	-277.54	149.07	-277.54	315.04	151.76	0.75
6890.00	1.31	310.55	6870.81	-277.52	149.05	-277.52	315.01	151.76	0.65
6891.00	1.30	310.59	6871.81	-277.51	149.03	-277.51	314.99	151.76	0.64
6892.00	1.30	310.66	6872.81	-277.49	149.02	-277.49	314.97	151.76	0.46
6893.00	1.30	310.74	6873.81	-277.48	149.00	-277.48	314.95	151.77	0.35
6894.00	1.29	310.83	6874.81	-277.46	148.98	-277.46	314.93	151.77	0.38
6895.00	1.29	310.93	6875.81	-277.45	148.96	-277.45	314.91	151.77	0.43
6896.00	1.28	311.02	6876.81	-277.43	148.95	-277.43	314.89	151.77	0.46
6897.00	1.28	311.05	6877.81	-277.42	148.93	-277.42	314.87	151.77	0.65

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6898.00	1.27	311.08	6878.81	-277.40	148.91	-277.40	314.85	151.77	0.65
6899.00	1.27	311.29	6879.81	-277.39	148.90	-277.39	314.82	151.77	0.53
6900.00	1.27	311.46	6880.81	-277.37	148.88	-277.37	314.80	151.78	0.45
6901.00	1.26	311.54	6881.81	-277.36	148.86	-277.36	314.78	151.78	0.30
6902.00	1.26	311.61	6882.81	-277.34	148.85	-277.34	314.76	151.78	0.31
6903.00	1.26	311.65	6883.81	-277.33	148.83	-277.33	314.74	151.78	0.37
6904.00	1.25	311.71	6884.80	-277.32	148.81	-277.32	314.72	151.78	0.33
6905.00	1.25	311.92	6885.80	-277.30	148.80	-277.30	314.70	151.78	0.45
6906.00	1.25	312.11	6886.80	-277.29	148.78	-277.29	314.68	151.78	0.43
6907.00	1.25	312.21	6887.80	-277.27	148.77	-277.27	314.66	151.78	0.33
6908.00	1.25	312.32	6888.80	-277.26	148.75	-277.26	314.64	151.79	0.33
6909.00	1.24	312.48	6889.80	-277.24	148.73	-277.24	314.62	151.79	0.65
6910.00	1.24	312.65	6890.80	-277.23	148.72	-277.23	314.60	151.79	0.69
6911.00	1.23	312.73	6891.80	-277.21	148.70	-277.21	314.58	151.79	0.28
6912.00	1.23	312.75	6892.80	-277.20	148.69	-277.20	314.56	151.79	0.05
6913.00	1.23	312.81	6893.80	-277.18	148.67	-277.18	314.54	151.79	0.18
6914.00	1.23	312.90	6894.80	-277.17	148.65	-277.17	314.52	151.79	0.29
6915.00	1.23	312.95	6895.80	-277.15	148.64	-277.15	314.50	151.80	0.12
6916.00	1.23	312.97	6896.80	-277.14	148.62	-277.14	314.48	151.80	0.26
6917.00	1.23	312.91	6897.80	-277.13	148.61	-277.13	314.46	151.80	0.30
6918.00	1.22	312.74	6898.80	-277.11	148.59	-277.11	314.44	151.80	1.12
6919.00	1.21	312.57	6899.80	-277.10	148.58	-277.10	314.42	151.80	0.93
6920.00	1.21	312.43	6900.80	-277.08	148.56	-277.08	314.40	151.80	0.31
6921.00	1.21	312.29	6901.80	-277.07	148.54	-277.07	314.38	151.80	0.31
6922.00	1.20	312.36	6902.80	-277.05	148.53	-277.05	314.36	151.80	1.01
6923.00	1.19	312.43	6903.80	-277.04	148.51	-277.04	314.34	151.81	1.01
6924.00	1.19	312.19	6904.80	-277.03	148.50	-277.03	314.32	151.81	0.69
6925.00	1.18	311.95	6905.80	-277.01	148.48	-277.01	314.30	151.81	0.67
6926.00	1.18	311.83	6906.80	-277.00	148.47	-277.00	314.28	151.81	0.46
6927.00	1.17	311.70	6907.80	-276.98	148.45	-276.98	314.26	151.81	0.46
6928.00	1.17	311.43	6908.80	-276.97	148.44	-276.97	314.24	151.81	0.84
6929.00	1.16	311.14	6909.80	-276.96	148.42	-276.96	314.22	151.81	0.88
6930.00	1.15	310.88	6910.80	-276.94	148.41	-276.94	314.20	151.81	0.87
6931.00	1.15	310.63	6911.80	-276.93	148.39	-276.93	314.18	151.82	0.86
6932.00	1.14	310.39	6912.80	-276.92	148.38	-276.92	314.16	151.82	0.81
6933.00	1.13	310.17	6913.80	-276.91	148.36	-276.91	314.15	151.82	0.75
6934.00	1.13	310.01	6914.80	-276.89	148.35	-276.89	314.13	151.82	0.87
6935.00	1.12	309.93	6915.80	-276.88	148.33	-276.88	314.11	151.82	1.04
6936.00	1.11	309.85	6916.80	-276.87	148.32	-276.87	314.09	151.82	0.84
6937.00	1.10	309.78	6917.80	-276.86	148.30	-276.86	314.07	151.82	0.65

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6938.00	1.09	309.65	6918.80	-276.84	148.29	-276.84	314.06	151.83	0.90
6939.00	1.08	309.35	6919.80	-276.83	148.27	-276.83	314.04	151.83	1.49
6940.00	1.07	309.05	6920.80	-276.82	148.26	-276.82	314.02	151.83	1.48
6941.00	1.06	308.85	6921.80	-276.81	148.24	-276.81	314.00	151.83	0.38
6942.00	1.06	308.65	6922.80	-276.80	148.23	-276.80	313.99	151.83	0.38
6943.00	1.05	308.45	6923.80	-276.78	148.21	-276.78	313.97	151.83	1.25
6944.00	1.04	308.26	6924.80	-276.77	148.20	-276.77	313.95	151.83	1.34
6945.00	1.03	308.05	6925.80	-276.76	148.19	-276.76	313.94	151.83	1.08
6946.00	1.02	307.84	6926.80	-276.75	148.17	-276.75	313.92	151.84	1.08
6947.00	1.01	307.73	6927.80	-276.74	148.16	-276.74	313.90	151.84	1.26
6948.00	0.99	307.64	6928.80	-276.73	148.14	-276.73	313.89	151.84	1.24
6949.00	0.98	307.60	6929.80	-276.72	148.13	-276.72	313.87	151.84	1.02
6950.00	0.97	307.57	6930.80	-276.71	148.12	-276.71	313.86	151.84	1.02
6951.00	0.96	307.66	6931.80	-276.70	148.10	-276.70	313.84	151.84	1.01
6952.00	0.95	307.77	6932.80	-276.69	148.09	-276.69	313.83	151.84	1.01
6953.00	0.94	307.91	6933.80	-276.68	148.08	-276.68	313.81	151.84	1.11
6954.00	0.93	308.06	6934.80	-276.67	148.06	-276.67	313.80	151.85	1.16
6955.00	0.92	308.16	6935.79	-276.66	148.05	-276.66	313.78	151.85	0.73
6956.00	0.92	308.17	6936.79	-276.65	148.04	-276.65	313.77	151.85	0.08
6957.00	0.92	308.17	6937.79	-276.64	148.03	-276.64	313.75	151.85	0.08
6958.00	0.92	308.18	6938.79	-276.63	148.01	-276.63	313.74	151.85	0.08
6959.00	0.92	308.18	6939.79	-276.62	148.00	-276.62	313.72	151.85	0.08
6960.00	0.92	308.19	6940.79	-276.61	147.99	-276.61	313.71	151.85	0.08
6961.00	0.92	308.19	6941.79	-276.60	147.97	-276.60	313.69	151.85	0.08
6962.00	0.92	308.20	6942.79	-276.59	147.96	-276.59	313.68	151.86	0.08
6963.00	0.92	308.20	6943.79	-276.58	147.95	-276.58	313.66	151.86	0.08
6964.00	0.92	308.21	6944.79	-276.57	147.94	-276.57	313.65	151.86	0.08
6965.00	0.92	308.21	6945.79	-276.56	147.92	-276.56	313.63	151.86	0.08
6966.00	0.92	308.22	6946.79	-276.55	147.91	-276.55	313.62	151.86	0.08
6967.00	0.92	308.22	6947.79	-276.54	147.90	-276.54	313.60	151.86	0.08
6968.00	0.91	308.23	6948.79	-276.53	147.89	-276.53	313.59	151.86	0.08
6969.00	0.91	308.23	6949.79	-276.52	147.87	-276.52	313.58	151.86	0.08
6970.00	0.91	308.24	6950.79	-276.51	147.86	-276.51	313.56	151.86	0.08
6971.00	0.91	308.24	6951.79	-276.50	147.85	-276.50	313.55	151.87	0.08
6972.00	0.91	308.25	6952.79	-276.49	147.84	-276.49	313.53	151.87	0.08
6973.00	0.91	308.25	6953.79	-276.48	147.82	-276.48	313.52	151.87	0.08
6974.00	0.91	308.26	6954.79	-276.47	147.81	-276.47	313.50	151.87	0.08
6975.00	0.91	308.26	6955.79	-276.46	147.80	-276.46	313.49	151.87	0.08
6976.00	0.91	308.27	6956.79	-276.45	147.79	-276.45	313.47	151.87	0.08
6977.00	0.91	308.27	6957.79	-276.44	147.77	-276.44	313.46	151.87	0.08

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6978.00	0.91	308.28	6958.79	-276.43	147.76	-276.43	313.44	151.87	0.08
6979.00	0.91	308.28	6959.79	-276.42	147.75	-276.42	313.43	151.88	0.08
6980.00	0.91	308.29	6960.79	-276.41	147.74	-276.41	313.42	151.88	0.08
6981.00	0.90	308.29	6961.79	-276.40	147.72	-276.40	313.40	151.88	0.08
6982.00	0.90	308.30	6962.79	-276.39	147.71	-276.39	313.39	151.88	0.08
6983.00	0.90	308.30	6963.79	-276.38	147.70	-276.38	313.37	151.88	0.08
6984.00	0.90	308.29	6964.79	-276.37	147.69	-276.37	313.36	151.88	0.39
6985.00	0.89	308.27	6965.79	-276.36	147.68	-276.36	313.34	151.88	0.59
6986.00	0.89	308.24	6966.79	-276.35	147.66	-276.35	313.33	151.88	0.59
6987.00	0.88	308.22	6967.79	-276.34	147.65	-276.34	313.31	151.88	0.59
6988.00	0.87	308.19	6968.79	-276.33	147.64	-276.33	313.30	151.89	1.12
6989.00	0.86	308.15	6969.79	-276.32	147.63	-276.32	313.29	151.89	1.25
6990.00	0.85	307.96	6970.79	-276.31	147.62	-276.31	313.27	151.89	1.23
6991.00	0.83	307.75	6971.79	-276.31	147.60	-276.31	313.26	151.89	1.23
6992.00	0.82	307.58	6972.79	-276.30	147.59	-276.30	313.25	151.89	1.04
6993.00	0.81	307.41	6973.79	-276.29	147.58	-276.29	313.23	151.89	1.04
6994.00	0.80	307.27	6974.79	-276.28	147.57	-276.28	313.22	151.89	1.14
6995.00	0.79	307.13	6975.79	-276.27	147.56	-276.27	313.21	151.89	1.17
6996.00	0.78	306.94	6976.79	-276.26	147.55	-276.26	313.20	151.89	0.82
6997.00	0.78	306.71	6977.79	-276.25	147.54	-276.25	313.18	151.90	0.61
6998.00	0.77	306.49	6978.79	-276.25	147.53	-276.25	313.17	151.90	0.58
6999.00	0.77	306.29	6979.79	-276.24	147.52	-276.24	313.16	151.90	0.54
7000.00	0.76	306.06	6980.79	-276.23	147.50	-276.23	313.15	151.90	0.66
7001.00	0.75	305.77	6981.79	-276.22	147.49	-276.22	313.14	151.90	0.94
7002.00	0.75	305.38	6982.79	-276.22	147.48	-276.22	313.12	151.90	0.92
7003.00	0.74	304.83	6983.79	-276.21	147.47	-276.21	313.11	151.90	0.95
7004.00	0.74	304.71	6984.79	-276.20	147.46	-276.20	313.10	151.90	0.50
7005.00	0.73	305.02	6985.79	-276.19	147.45	-276.19	313.09	151.90	0.51
7006.00	0.73	305.28	6986.79	-276.19	147.44	-276.19	313.08	151.90	0.45
7007.00	0.73	305.41	6987.79	-276.18	147.43	-276.18	313.07	151.91	0.30
7008.00	0.72	305.52	6988.79	-276.17	147.42	-276.17	313.05	151.91	0.30
7009.00	0.72	305.46	6989.79	-276.16	147.41	-276.16	313.04	151.91	0.37
7010.00	0.72	305.40	6990.79	-276.16	147.40	-276.16	313.03	151.91	0.37
7011.00	0.71	305.19	6991.79	-276.15	147.39	-276.15	313.02	151.91	0.56
7012.00	0.71	304.97	6992.79	-276.14	147.38	-276.14	313.01	151.91	0.58
7013.00	0.71	304.74	6993.79	-276.14	147.37	-276.14	313.00	151.91	0.30
7014.00	0.71	304.50	6994.79	-276.13	147.36	-276.13	312.99	151.91	0.29
7015.00	0.70	304.46	6995.79	-276.12	147.35	-276.12	312.98	151.91	0.09
7016.00	0.70	304.41	6996.79	-276.11	147.34	-276.11	312.97	151.91	0.09
7017.00	0.70	304.44	6997.79	-276.11	147.33	-276.11	312.96	151.92	0.33

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7018.00	0.70	304.48	6998.79	-276.10	147.32	-276.10	312.94	151.92	0.36
7019.00	0.69	304.69	6999.79	-276.09	147.31	-276.09	312.93	151.92	0.36
7020.00	0.69	304.96	7000.79	-276.09	147.30	-276.09	312.92	151.92	0.39
7021.00	0.69	304.78	7001.79	-276.08	147.29	-276.08	312.91	151.92	0.31
7022.00	0.69	304.31	7002.79	-276.07	147.28	-276.07	312.90	151.92	0.61
7023.00	0.69	304.00	7003.79	-276.07	147.27	-276.07	312.89	151.92	0.47
7024.00	0.68	303.93	7004.79	-276.06	147.26	-276.06	312.88	151.92	0.40
7025.00	0.68	303.91	7005.79	-276.05	147.25	-276.05	312.87	151.92	0.34
7026.00	0.68	303.92	7006.79	-276.05	147.24	-276.05	312.86	151.93	0.30
7027.00	0.67	303.83	7007.79	-276.04	147.23	-276.04	312.85	151.93	0.28
7028.00	0.67	303.63	7008.79	-276.03	147.22	-276.03	312.84	151.93	0.32
7029.00	0.67	303.41	7009.79	-276.03	147.21	-276.03	312.83	151.93	0.36
7030.00	0.66	303.17	7010.79	-276.02	147.20	-276.02	312.82	151.93	0.43
7031.00	0.66	302.98	7011.79	-276.01	147.19	-276.01	312.81	151.93	0.35
7032.00	0.66	302.99	7012.79	-276.01	147.18	-276.01	312.80	151.93	0.05
7033.00	0.66	303.01	7013.79	-276.00	147.17	-276.00	312.79	151.93	0.05
7034.00	0.66	302.88	7014.79	-276.00	147.16	-276.00	312.78	151.93	0.35
7035.00	0.65	302.75	7015.79	-275.99	147.15	-275.99	312.77	151.93	0.35
7036.00	0.65	302.45	7016.79	-275.98	147.14	-275.98	312.76	151.94	0.47
7037.00	0.65	302.19	7017.79	-275.98	147.13	-275.98	312.75	151.94	0.47
7038.00	0.64	302.21	7018.79	-275.97	147.12	-275.97	312.74	151.94	0.61
7039.00	0.64	302.21	7019.79	-275.97	147.11	-275.97	312.73	151.94	0.53
7040.00	0.64	301.99	7020.79	-275.96	147.10	-275.96	312.72	151.94	0.31
7041.00	0.64	301.76	7021.79	-275.95	147.10	-275.95	312.71	151.94	0.31
7042.00	0.63	301.32	7022.79	-275.95	147.09	-275.95	312.70	151.94	0.70
7043.00	0.63	300.85	7023.79	-275.94	147.08	-275.94	312.69	151.94	0.77
7044.00	0.63	300.56	7024.79	-275.94	147.07	-275.94	312.68	151.94	0.46
7045.00	0.62	300.33	7025.79	-275.93	147.06	-275.93	312.67	151.94	0.33
7046.00	0.62	300.25	7026.79	-275.93	147.05	-275.93	312.66	151.95	0.19
7047.00	0.62	300.31	7027.79	-275.92	147.04	-275.92	312.65	151.95	0.12
7048.00	0.62	300.23	7028.79	-275.91	147.03	-275.91	312.64	151.95	0.16
7049.00	0.62	300.01	7029.79	-275.91	147.02	-275.91	312.64	151.95	0.29
7050.00	0.62	299.78	7030.79	-275.90	147.01	-275.90	312.63	151.95	0.31
7051.00	0.61	299.55	7031.79	-275.90	147.00	-275.90	312.62	151.95	0.33
7052.00	0.61	299.24	7032.79	-275.89	146.99	-275.89	312.61	151.95	0.33
7053.00	0.61	298.84	7033.79	-275.89	146.98	-275.89	312.60	151.95	0.45
7054.00	0.61	298.43	7034.79	-275.88	146.97	-275.88	312.59	151.95	0.44
7055.00	0.61	298.01	7035.79	-275.88	146.96	-275.88	312.58	151.96	0.48
7056.00	0.61	297.58	7036.79	-275.87	146.95	-275.87	312.57	151.96	0.48
7057.00	0.61	297.16	7037.79	-275.87	146.95	-275.87	312.56	151.96	0.49

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7058.00	0.61	296.97	7038.79	-275.86	146.94	-275.86	312.55	151.96	0.26
7059.00	0.61	297.16	7039.79	-275.86	146.93	-275.86	312.55	151.96	0.26
7060.00	0.60	297.34	7040.79	-275.85	146.92	-275.85	312.54	151.96	0.26
7061.00	0.61	297.91	7041.79	-275.85	146.91	-275.85	312.53	151.96	0.71
7062.00	0.61	298.46	7042.79	-275.84	146.90	-275.84	312.52	151.96	0.67
7063.00	0.61	298.87	7043.79	-275.84	146.89	-275.84	312.51	151.96	0.48
7064.00	0.61	299.28	7044.79	-275.83	146.88	-275.83	312.50	151.96	0.47
7065.00	0.61	299.41	7045.79	-275.83	146.87	-275.83	312.49	151.97	0.24
7066.00	0.61	299.50	7046.79	-275.82	146.86	-275.82	312.48	151.97	0.26
7067.00	0.61	299.67	7047.79	-275.82	146.85	-275.82	312.47	151.97	0.24
7068.00	0.61	299.87	7048.78	-275.81	146.84	-275.81	312.47	151.97	0.25
7069.00	0.61	299.96	7049.78	-275.81	146.83	-275.81	312.46	151.97	0.11
7070.00	0.61	299.99	7050.78	-275.80	146.82	-275.80	312.45	151.97	0.15
7071.00	0.61	300.01	7051.78	-275.80	146.81	-275.80	312.44	151.97	0.02
7072.00	0.61	300.01	7052.78	-275.79	146.81	-275.79	312.43	151.97	0.17
7073.00	0.62	300.15	7053.78	-275.79	146.80	-275.79	312.42	151.97	0.32
7074.00	0.62	300.35	7054.78	-275.78	146.79	-275.78	312.41	151.98	0.39
7075.00	0.62	300.45	7055.78	-275.77	146.78	-275.77	312.40	151.98	0.12
7076.00	0.62	300.47	7056.78	-275.77	146.77	-275.77	312.39	151.98	0.41
7077.00	0.61	300.62	7057.78	-275.76	146.76	-275.76	312.38	151.98	0.45
7078.00	0.61	300.80	7058.78	-275.76	146.75	-275.76	312.37	151.98	0.46
7079.00	0.61	301.02	7059.78	-275.75	146.74	-275.75	312.37	151.98	0.30
7080.00	0.61	301.37	7060.78	-275.75	146.73	-275.75	312.36	151.98	0.80
7081.00	0.62	301.54	7061.78	-275.74	146.72	-275.74	312.35	151.98	0.30
7082.00	0.61	301.59	7062.78	-275.74	146.71	-275.74	312.34	151.98	0.10
7083.00	0.61	301.64	7063.78	-275.73	146.70	-275.73	312.33	151.98	0.14
7084.00	0.61	301.64	7064.78	-275.72	146.69	-275.72	312.32	151.99	0.51
7085.00	0.60	301.54	7065.78	-275.72	146.69	-275.72	312.31	151.99	0.47
7086.00	0.60	300.99	7066.78	-275.71	146.68	-275.71	312.30	151.99	0.63
7087.00	0.60	300.51	7067.78	-275.71	146.67	-275.71	312.29	151.99	0.53
7088.00	0.60	300.19	7068.78	-275.70	146.66	-275.70	312.28	151.99	0.34
7089.00	0.60	299.88	7069.78	-275.70	146.65	-275.70	312.27	151.99	0.34
7090.00	0.59	299.64	7070.78	-275.69	146.64	-275.69	312.27	151.99	0.55
7091.00	0.59	299.42	7071.78	-275.69	146.63	-275.69	312.26	151.99	0.47
7092.00	0.59	299.42	7072.78	-275.68	146.62	-275.68	312.25	151.99	0.31
7093.00	0.60	299.42	7073.78	-275.68	146.61	-275.68	312.24	151.99	0.31
7094.00	0.59	299.23	7074.78	-275.67	146.60	-275.67	312.23	152.00	0.25
7095.00	0.59	299.02	7075.78	-275.67	146.60	-275.67	312.22	152.00	0.29
7096.00	0.59	298.71	7076.78	-275.66	146.59	-275.66	312.21	152.00	0.59
7097.00	0.58	298.37	7077.78	-275.66	146.58	-275.66	312.21	152.00	0.67

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7098.00	0.58	298.22	7078.78	-275.65	146.57	-275.65	312.20	152.00	0.15
7099.00	0.58	298.12	7079.78	-275.65	146.56	-275.65	312.19	152.00	0.17
7100.00	0.58	298.09	7080.78	-275.64	146.55	-275.64	312.18	152.00	0.22
7101.00	0.59	298.08	7081.78	-275.64	146.54	-275.64	312.17	152.00	0.22
7102.00	0.59	298.14	7082.78	-275.63	146.53	-275.63	312.16	152.00	0.09
7103.00	0.58	298.51	7083.78	-275.63	146.52	-275.63	312.15	152.00	0.66
7104.00	0.58	298.83	7084.78	-275.62	146.51	-275.62	312.15	152.01	0.45
7105.00	0.58	299.11	7085.78	-275.62	146.51	-275.62	312.14	152.01	0.33
7106.00	0.58	299.43	7086.78	-275.61	146.50	-275.61	312.13	152.01	0.32
7107.00	0.58	299.79	7087.78	-275.61	146.49	-275.61	312.12	152.01	0.42
7108.00	0.58	299.97	7088.78	-275.60	146.48	-275.60	312.11	152.01	0.28
7109.00	0.58	299.90	7089.78	-275.60	146.47	-275.60	312.10	152.01	0.21
7110.00	0.58	299.65	7090.78	-275.59	146.46	-275.59	312.09	152.01	0.30
7111.00	0.58	299.20	7091.78	-275.59	146.45	-275.59	312.09	152.01	0.67
7112.00	0.58	298.97	7092.78	-275.58	146.44	-275.58	312.08	152.01	0.28
7113.00	0.58	298.95	7093.78	-275.58	146.44	-275.58	312.07	152.01	0.19
7114.00	0.58	298.94	7094.78	-275.57	146.43	-275.57	312.06	152.02	0.04
7115.00	0.57	298.95	7095.78	-275.57	146.42	-275.57	312.05	152.02	0.39
7116.00	0.57	298.94	7096.78	-275.56	146.41	-275.56	312.04	152.02	0.40
7117.00	0.56	298.86	7097.78	-275.56	146.40	-275.56	312.04	152.02	0.43
7118.00	0.56	298.78	7098.78	-275.55	146.39	-275.55	312.03	152.02	0.43
7119.00	0.56	298.70	7099.78	-275.55	146.38	-275.55	312.02	152.02	0.31
7120.00	0.56	298.63	7100.78	-275.55	146.37	-275.55	312.01	152.02	0.08
7121.00	0.56	298.56	7101.78	-275.54	146.37	-275.54	312.00	152.02	0.08
7122.00	0.56	298.48	7102.78	-275.54	146.36	-275.54	311.99	152.02	0.08
7123.00	0.56	298.41	7103.78	-275.53	146.35	-275.53	311.99	152.02	0.08
7124.00	0.56	298.34	7104.78	-275.53	146.34	-275.53	311.98	152.03	0.08
7125.00	0.56	298.27	7105.78	-275.52	146.33	-275.52	311.97	152.03	0.08
7126.00	0.56	298.20	7106.78	-275.52	146.32	-275.52	311.96	152.03	0.08
7127.00	0.56	298.13	7107.78	-275.51	146.31	-275.51	311.95	152.03	0.08
7128.00	0.56	298.06	7108.78	-275.51	146.31	-275.51	311.95	152.03	0.08
7129.00	0.56	297.99	7109.78	-275.50	146.30	-275.50	311.94	152.03	0.08
7130.00	0.56	297.92	7110.78	-275.50	146.29	-275.50	311.93	152.03	0.08
7131.00	0.56	297.85	7111.78	-275.49	146.28	-275.49	311.92	152.03	0.08
7132.00	0.56	297.78	7112.78	-275.49	146.27	-275.49	311.91	152.03	0.08
7133.00	0.56	297.71	7113.78	-275.49	146.26	-275.49	311.91	152.03	0.08
7134.00	0.56	297.63	7114.78	-275.48	146.25	-275.48	311.90	152.04	0.08
7135.00	0.56	297.56	7115.78	-275.48	146.25	-275.48	311.89	152.04	0.08
7136.00	0.56	297.49	7116.78	-275.47	146.24	-275.47	311.88	152.04	0.08
7137.00	0.56	297.42	7117.78	-275.47	146.23	-275.47	311.87	152.04	0.08

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7138.00	0.56	297.35	7118.78	-275.46	146.22	-275.46	311.86	152.04	0.08
7139.00	0.56	297.28	7119.78	-275.46	146.21	-275.46	311.86	152.04	0.08
7140.00	0.56	297.21	7120.78	-275.45	146.20	-275.45	311.85	152.04	0.08
7141.00	0.56	297.14	7121.78	-275.45	146.19	-275.45	311.84	152.04	0.08
7142.00	0.56	297.07	7122.78	-275.44	146.18	-275.44	311.83	152.04	0.07
7143.00	0.56	297.00	7123.78	-275.44	146.18	-275.44	311.83	152.05	0.07
7144.00	0.56	296.92	7124.78	-275.44	146.17	-275.44	311.82	152.05	0.07
7145.00	0.56	296.85	7125.78	-275.43	146.16	-275.43	311.81	152.05	0.07
7146.00	0.56	296.78	7126.78	-275.43	146.15	-275.43	311.80	152.05	0.07
7147.00	0.56	296.71	7127.78	-275.42	146.14	-275.42	311.79	152.05	0.07
7148.00	0.56	296.64	7128.78	-275.42	146.13	-275.42	311.79	152.05	0.07
7149.00	0.55	296.57	7129.78	-275.41	146.12	-275.41	311.78	152.05	0.07
7150.00	0.55	296.50	7130.78	-275.41	146.12	-275.41	311.77	152.05	0.07
7151.00	0.55	296.43	7131.78	-275.41	146.11	-275.41	311.76	152.05	0.07
7152.00	0.55	296.36	7132.78	-275.40	146.10	-275.40	311.75	152.05	0.07
7153.00	0.55	296.28	7133.78	-275.40	146.09	-275.40	311.75	152.06	0.07
7154.00	0.55	296.21	7134.78	-275.39	146.08	-275.39	311.74	152.06	0.07
7155.00	0.55	296.14	7135.78	-275.39	146.07	-275.39	311.73	152.06	0.07
7156.00	0.55	296.07	7136.78	-275.38	146.06	-275.38	311.72	152.06	0.07
7157.00	0.55	296.00	7137.78	-275.38	146.05	-275.38	311.71	152.06	0.07
7158.00	0.55	295.93	7138.78	-275.38	146.05	-275.38	311.71	152.06	0.07
7159.00	0.55	295.86	7139.78	-275.37	146.04	-275.37	311.70	152.06	0.07
7160.00	0.55	295.78	7140.78	-275.37	146.03	-275.37	311.69	152.06	0.07
7161.00	0.55	295.71	7141.78	-275.36	146.02	-275.36	311.68	152.06	0.07
7162.00	0.55	295.64	7142.78	-275.36	146.01	-275.36	311.68	152.06	0.07
7163.00	0.55	295.57	7143.78	-275.35	146.00	-275.35	311.67	152.07	0.07
7164.00	0.55	295.50	7144.78	-275.35	145.99	-275.35	311.66	152.07	0.07
7165.00	0.55	295.43	7145.78	-275.35	145.99	-275.35	311.65	152.07	0.07
7166.00	0.55	295.36	7146.78	-275.34	145.98	-275.34	311.65	152.07	0.07
7167.00	0.55	295.29	7147.78	-275.34	145.97	-275.34	311.64	152.07	0.07
7168.00	0.55	295.21	7148.78	-275.33	145.96	-275.33	311.63	152.07	0.07
7169.00	0.55	295.14	7149.78	-275.33	145.95	-275.33	311.62	152.07	0.07
7170.00	0.55	295.07	7150.78	-275.33	145.94	-275.33	311.61	152.07	0.07
7171.00	0.55	295.00	7151.78	-275.32	145.93	-275.32	311.61	152.07	0.07
7172.00	0.55	294.93	7152.78	-275.32	145.92	-275.32	311.60	152.08	0.07
7173.00	0.55	294.86	7153.78	-275.31	145.92	-275.31	311.59	152.08	0.07
7174.00	0.55	294.79	7154.78	-275.31	145.91	-275.31	311.58	152.08	0.07
7175.00	0.55	294.71	7155.78	-275.31	145.90	-275.31	311.58	152.08	0.07
7176.00	0.55	294.64	7156.78	-275.30	145.89	-275.30	311.57	152.08	0.07
7177.00	0.55	294.57	7157.78	-275.30	145.88	-275.30	311.56	152.08	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7178.00	0.55	294.50	7158.78	-275.29	145.87	-275.29	311.55	152.08	0.07
7179.00	0.55	294.43	7159.78	-275.29	145.86	-275.29	311.55	152.08	0.07
7180.00	0.55	294.36	7160.78	-275.29	145.86	-275.29	311.54	152.08	0.07
7181.00	0.55	294.29	7161.78	-275.28	145.85	-275.28	311.53	152.09	0.07
7182.00	0.55	294.21	7162.78	-275.28	145.84	-275.28	311.52	152.09	0.07
7183.00	0.55	294.14	7163.78	-275.27	145.83	-275.27	311.52	152.09	0.07
7184.00	0.54	294.07	7164.78	-275.27	145.82	-275.27	311.51	152.09	0.07
7185.00	0.54	294.00	7165.78	-275.27	145.81	-275.27	311.50	152.09	0.07
7186.00	0.54	293.93	7166.78	-275.26	145.80	-275.26	311.49	152.09	0.07
7187.00	0.54	293.86	7167.78	-275.26	145.79	-275.26	311.49	152.09	0.07
7188.00	0.54	293.78	7168.78	-275.26	145.79	-275.26	311.48	152.09	0.07
7189.00	0.54	293.71	7169.78	-275.25	145.78	-275.25	311.47	152.09	0.07
7190.00	0.54	293.64	7170.78	-275.25	145.77	-275.25	311.46	152.09	0.07
7191.00	0.54	293.57	7171.78	-275.24	145.76	-275.24	311.46	152.10	0.07
7192.00	0.54	293.50	7172.78	-275.24	145.75	-275.24	311.45	152.10	0.07
7193.00	0.54	293.43	7173.78	-275.24	145.74	-275.24	311.44	152.10	0.07
7194.00	0.54	293.36	7174.78	-275.23	145.73	-275.23	311.43	152.10	0.07
7195.00	0.54	293.28	7175.78	-275.23	145.72	-275.23	311.43	152.10	0.07
7196.00	0.54	293.21	7176.78	-275.22	145.72	-275.22	311.42	152.10	0.07
7197.00	0.54	293.14	7177.78	-275.22	145.71	-275.22	311.41	152.10	0.07
7198.00	0.54	293.07	7178.78	-275.22	145.70	-275.22	311.40	152.10	0.07
7199.00	0.54	293.00	7179.78	-275.21	145.69	-275.21	311.40	152.10	0.07
7200.00	0.54	292.93	7180.78	-275.21	145.68	-275.21	311.39	152.11	0.07
7201.00	0.54	292.85	7181.78	-275.21	145.67	-275.21	311.38	152.11	0.07
7202.00	0.54	292.78	7182.78	-275.20	145.66	-275.20	311.38	152.11	0.07
7203.00	0.54	292.71	7183.78	-275.20	145.66	-275.20	311.37	152.11	0.07
7204.00	0.54	292.64	7184.78	-275.20	145.65	-275.20	311.36	152.11	0.07
7205.00	0.54	292.57	7185.78	-275.19	145.64	-275.19	311.35	152.11	0.07
7206.00	0.54	292.50	7186.78	-275.19	145.63	-275.19	311.35	152.11	0.07
7207.00	0.54	292.43	7187.78	-275.18	145.62	-275.18	311.34	152.11	0.07
7208.00	0.54	292.35	7188.78	-275.18	145.61	-275.18	311.33	152.11	0.07
7209.00	0.54	292.28	7189.78	-275.18	145.60	-275.18	311.32	152.12	0.07
7210.00	0.54	292.21	7190.78	-275.17	145.59	-275.17	311.32	152.12	0.07
7211.00	0.54	292.14	7191.78	-275.17	145.59	-275.17	311.31	152.12	0.07
7212.00	0.54	292.07	7192.78	-275.17	145.58	-275.17	311.30	152.12	0.07
7213.00	0.54	292.00	7193.78	-275.16	145.57	-275.16	311.30	152.12	0.07
7214.00	0.54	291.92	7194.78	-275.16	145.56	-275.16	311.29	152.12	0.07
7215.00	0.54	291.85	7195.78	-275.16	145.55	-275.16	311.28	152.12	0.07
7216.00	0.54	291.78	7196.78	-275.15	145.54	-275.15	311.27	152.12	0.07
7217.00	0.54	291.71	7197.78	-275.15	145.53	-275.15	311.27	152.12	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7218.00	0.53	291.64	7198.78	-275.15	145.53	-275.15	311.26	152.13	0.07
7219.00	0.53	291.57	7199.78	-275.14	145.52	-275.14	311.25	152.13	0.07
7220.00	0.53	291.50	7200.78	-275.14	145.51	-275.14	311.25	152.13	0.07
7221.00	0.53	291.42	7201.78	-275.14	145.50	-275.14	311.24	152.13	0.07
7222.00	0.53	291.35	7202.78	-275.13	145.49	-275.13	311.23	152.13	0.07
7223.00	0.53	291.28	7203.78	-275.13	145.48	-275.13	311.23	152.13	0.07
7224.00	0.53	291.21	7204.78	-275.13	145.47	-275.13	311.22	152.13	0.07
7225.00	0.53	291.14	7205.78	-275.12	145.46	-275.12	311.21	152.13	0.07
7226.00	0.53	291.07	7206.78	-275.12	145.46	-275.12	311.20	152.13	0.07
7227.00	0.53	290.99	7207.78	-275.12	145.45	-275.12	311.20	152.14	0.07
7228.00	0.53	290.92	7208.78	-275.11	145.44	-275.11	311.19	152.14	0.07
7229.00	0.53	290.85	7209.78	-275.11	145.43	-275.11	311.18	152.14	0.07
7230.00	0.53	290.78	7210.78	-275.11	145.42	-275.11	311.18	152.14	0.07
7231.00	0.53	290.71	7211.78	-275.10	145.41	-275.10	311.17	152.14	0.07
7232.00	0.53	290.64	7212.78	-275.10	145.40	-275.10	311.16	152.14	0.07
7233.00	0.53	290.57	7213.78	-275.10	145.40	-275.10	311.16	152.14	0.07
7234.00	0.53	290.49	7214.78	-275.09	145.39	-275.09	311.15	152.14	0.07
7235.00	0.53	290.42	7215.78	-275.09	145.38	-275.09	311.14	152.14	0.07
7236.00	0.53	290.35	7216.78	-275.09	145.37	-275.09	311.13	152.15	0.07
7237.00	0.53	290.28	7217.78	-275.08	145.36	-275.08	311.13	152.15	0.07
7238.00	0.53	290.21	7218.78	-275.08	145.35	-275.08	311.12	152.15	0.07
7239.00	0.53	290.14	7219.78	-275.08	145.34	-275.08	311.11	152.15	0.07
7240.00	0.53	290.07	7220.78	-275.07	145.33	-275.07	311.11	152.15	0.07
7241.00	0.53	289.99	7221.78	-275.07	145.33	-275.07	311.10	152.15	0.07
7242.00	0.53	289.92	7222.78	-275.07	145.32	-275.07	311.09	152.15	0.07
7243.00	0.53	289.85	7223.78	-275.06	145.31	-275.06	311.09	152.15	0.07
7244.00	0.53	289.78	7224.78	-275.06	145.30	-275.06	311.08	152.15	0.07
7245.00	0.53	289.71	7225.78	-275.06	145.29	-275.06	311.07	152.16	0.07
7246.00	0.53	289.64	7226.78	-275.05	145.28	-275.05	311.07	152.16	0.07
7247.00	0.53	289.57	7227.78	-275.05	145.27	-275.05	311.06	152.16	0.07
7248.00	0.53	289.49	7228.78	-275.05	145.27	-275.05	311.05	152.16	0.07
7249.00	0.53	289.42	7229.78	-275.05	145.26	-275.05	311.05	152.16	0.07
7250.00	0.53	289.35	7230.78	-275.04	145.25	-275.04	311.04	152.16	0.07
7251.00	0.53	289.28	7231.78	-275.04	145.24	-275.04	311.03	152.16	0.07
7252.00	0.52	289.21	7232.78	-275.04	145.23	-275.04	311.03	152.16	0.07
7253.00	0.52	289.14	7233.78	-275.03	145.22	-275.03	311.02	152.17	0.07
7254.00	0.52	289.07	7234.78	-275.03	145.21	-275.03	311.01	152.17	0.07
7255.00	0.52	288.99	7235.78	-275.03	145.20	-275.03	311.01	152.17	0.07
7256.00	0.52	288.92	7236.78	-275.02	145.20	-275.02	311.00	152.17	0.07
7257.00	0.52	288.85	7237.78	-275.02	145.19	-275.02	310.99	152.17	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7258.00	0.52	288.78	7238.78	-275.02	145.18	-275.02	310.99	152.17	0.07
7259.00	0.52	288.71	7239.78	-275.02	145.17	-275.02	310.98	152.17	0.07
7260.00	0.52	288.64	7240.78	-275.01	145.16	-275.01	310.97	152.17	0.07
7261.00	0.52	288.57	7241.78	-275.01	145.15	-275.01	310.97	152.17	0.07
7262.00	0.52	288.50	7242.78	-275.01	145.14	-275.01	310.96	152.18	0.07
7263.00	0.52	288.42	7243.78	-275.00	145.14	-275.00	310.95	152.18	0.07
7264.00	0.52	288.35	7244.78	-275.00	145.13	-275.00	310.95	152.18	0.07
7265.00	0.52	288.28	7245.78	-275.00	145.12	-275.00	310.94	152.18	0.07
7266.00	0.52	288.21	7246.78	-275.00	145.11	-275.00	310.93	152.18	0.07
7267.00	0.52	288.14	7247.78	-274.99	145.10	-274.99	310.93	152.18	0.07
7268.00	0.52	288.07	7248.78	-274.99	145.09	-274.99	310.92	152.18	0.07
7269.00	0.52	288.00	7249.78	-274.99	145.08	-274.99	310.91	152.18	0.07
7270.00	0.52	287.93	7250.78	-274.98	145.08	-274.98	310.91	152.18	0.07
7271.00	0.52	287.86	7251.78	-274.98	145.07	-274.98	310.90	152.19	0.07
7272.00	0.52	287.78	7252.78	-274.98	145.06	-274.98	310.89	152.19	0.07
7273.00	0.52	287.71	7253.78	-274.98	145.05	-274.98	310.89	152.19	0.07
7274.00	0.52	287.64	7254.78	-274.97	145.04	-274.97	310.88	152.19	0.07
7275.00	0.52	287.57	7255.78	-274.97	145.03	-274.97	310.87	152.19	0.07
7276.00	0.52	287.50	7256.78	-274.97	145.02	-274.97	310.87	152.19	0.07
7277.00	0.52	287.43	7257.78	-274.96	145.01	-274.96	310.86	152.19	0.07
7278.00	0.52	287.36	7258.78	-274.96	145.01	-274.96	310.86	152.19	0.07
7279.00	0.52	287.29	7259.78	-274.96	145.00	-274.96	310.85	152.20	0.07
7280.00	0.52	287.22	7260.78	-274.96	144.99	-274.96	310.84	152.20	0.07
7281.00	0.52	287.14	7261.78	-274.95	144.98	-274.95	310.84	152.20	0.07
7282.00	0.52	287.07	7262.77	-274.95	144.97	-274.95	310.83	152.20	0.07
7283.00	0.52	287.00	7263.77	-274.95	144.96	-274.95	310.82	152.20	0.07
7284.00	0.52	286.93	7264.77	-274.95	144.95	-274.95	310.82	152.20	0.07
7285.00	0.52	286.86	7265.77	-274.94	144.95	-274.94	310.81	152.20	0.07
7286.00	0.52	286.79	7266.77	-274.94	144.94	-274.94	310.80	152.20	0.07
7287.00	0.51	286.72	7267.77	-274.94	144.93	-274.94	310.80	152.20	0.07
7288.00	0.51	286.65	7268.77	-274.94	144.92	-274.94	310.79	152.21	0.07
7289.00	0.51	286.58	7269.77	-274.93	144.91	-274.93	310.79	152.21	0.07
7290.00	0.51	286.51	7270.77	-274.93	144.90	-274.93	310.78	152.21	0.07
7291.00	0.51	286.44	7271.77	-274.93	144.89	-274.93	310.77	152.21	0.07
7292.00	0.51	286.36	7272.77	-274.93	144.89	-274.93	310.77	152.21	0.07
7293.00	0.51	286.29	7273.77	-274.92	144.88	-274.92	310.76	152.21	0.07
7294.00	0.51	286.22	7274.77	-274.92	144.87	-274.92	310.75	152.21	0.07
7295.00	0.51	286.15	7275.77	-274.92	144.86	-274.92	310.75	152.21	0.07
7296.00	0.51	286.08	7276.77	-274.92	144.85	-274.92	310.74	152.22	0.07
7297.00	0.51	286.01	7277.77	-274.91	144.84	-274.91	310.74	152.22	0.10

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7298.00	0.51	285.92	7278.77	-274.91	144.83	-274.91	310.73	152.22	0.20
7299.00	0.51	285.84	7279.77	-274.91	144.83	-274.91	310.72	152.22	0.20
7300.00	0.51	285.75	7280.77	-274.91	144.82	-274.91	310.72	152.22	0.20
7301.00	0.50	285.87	7281.77	-274.90	144.81	-274.90	310.71	152.22	0.26
7302.00	0.50	285.98	7282.77	-274.90	144.80	-274.90	310.71	152.22	0.26
7303.00	0.50	285.96	7283.77	-274.90	144.79	-274.90	310.70	152.22	0.24
7304.00	0.51	285.91	7284.77	-274.90	144.78	-274.90	310.69	152.22	0.36
7305.00	0.51	285.94	7285.77	-274.89	144.77	-274.89	310.69	152.23	0.03
7306.00	0.51	286.00	7286.77	-274.89	144.77	-274.89	310.68	152.23	0.15
7307.00	0.51	286.00	7287.77	-274.89	144.76	-274.89	310.67	152.23	0.07
7308.00	0.50	285.96	7288.77	-274.89	144.75	-274.89	310.67	152.23	0.05
7309.00	0.51	285.94	7289.77	-274.88	144.74	-274.88	310.66	152.23	0.08
7310.00	0.51	285.92	7290.77	-274.88	144.73	-274.88	310.66	152.23	0.12
7311.00	0.51	285.89	7291.77	-274.88	144.72	-274.88	310.65	152.23	0.13
7312.00	0.51	285.84	7292.77	-274.88	144.72	-274.88	310.64	152.23	0.13
7313.00	0.51	286.04	7293.77	-274.87	144.71	-274.87	310.64	152.24	0.34
7314.00	0.52	286.40	7294.77	-274.87	144.70	-274.87	310.63	152.24	0.51
7315.00	0.52	286.62	7295.77	-274.87	144.69	-274.87	310.63	152.24	0.21
7316.00	0.51	286.72	7296.77	-274.87	144.68	-274.87	310.62	152.24	0.30
7317.00	0.51	286.77	7297.77	-274.86	144.67	-274.86	310.61	152.24	0.21
7318.00	0.51	286.74	7298.77	-274.86	144.66	-274.86	310.61	152.24	0.04
7319.00	0.51	286.72	7299.77	-274.86	144.66	-274.86	310.60	152.24	0.02
7320.00	0.51	286.79	7300.77	-274.86	144.65	-274.86	310.59	152.24	0.06
7321.00	0.51	286.82	7301.77	-274.85	144.64	-274.85	310.59	152.25	0.04
7322.00	0.51	286.76	7302.77	-274.85	144.63	-274.85	310.58	152.25	0.09
7323.00	0.51	286.79	7303.77	-274.85	144.62	-274.85	310.58	152.25	0.08
7324.00	0.51	286.96	7304.77	-274.85	144.61	-274.85	310.57	152.25	0.17
7325.00	0.52	286.94	7305.77	-274.84	144.60	-274.84	310.56	152.25	0.11
7326.00	0.52	286.64	7306.77	-274.84	144.60	-274.84	310.56	152.25	0.31
7327.00	0.52	286.43	7307.77	-274.84	144.59	-274.84	310.55	152.25	0.19
7328.00	0.52	286.36	7308.77	-274.84	144.58	-274.84	310.54	152.25	0.14
7329.00	0.52	286.35	7309.77	-274.83	144.57	-274.83	310.54	152.25	0.02
7330.00	0.52	286.41	7310.77	-274.83	144.56	-274.83	310.53	152.26	0.15
7331.00	0.52	286.40	7311.77	-274.83	144.55	-274.83	310.53	152.26	0.05
7332.00	0.52	286.21	7312.77	-274.83	144.54	-274.83	310.52	152.26	0.24
7333.00	0.51	286.03	7313.77	-274.82	144.53	-274.82	310.51	152.26	0.22
7334.00	0.51	286.00	7314.77	-274.82	144.53	-274.82	310.51	152.26	0.06
7335.00	0.51	285.96	7315.77	-274.82	144.52	-274.82	310.50	152.26	0.06
7336.00	0.52	286.03	7316.77	-274.82	144.51	-274.82	310.49	152.26	0.20
7337.00	0.52	286.09	7317.77	-274.81	144.50	-274.81	310.49	152.26	0.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7338.00	0.53	289.34	7318.77	-274.81	144.49	-274.81	310.48	152.27	3.20
7339.00	0.54	292.93	7319.77	-274.81	144.48	-274.81	310.47	152.27	3.61
7340.00	0.53	289.88	7320.77	-274.80	144.47	-274.80	310.47	152.27	2.99
7341.00	0.52	286.10	7321.77	-274.80	144.47	-274.80	310.46	152.27	3.66
7342.00	0.53	289.64	7322.77	-274.80	144.46	-274.80	310.45	152.27	3.41
7343.00	0.54	293.17	7323.77	-274.79	144.45	-274.79	310.45	152.27	3.47
7344.00	0.53	288.90	7324.77	-274.79	144.44	-274.79	310.44	152.27	4.23
7345.00	0.54	292.40	7325.77	-274.79	144.43	-274.79	310.43	152.27	3.35
7346.00	0.53	288.17	7326.77	-274.78	144.42	-274.78	310.43	152.27	3.98
7347.00	0.54	291.51	7327.77	-274.78	144.41	-274.78	310.42	152.28	3.29
7348.00	0.53	287.65	7328.77	-274.78	144.40	-274.78	310.41	152.28	3.70
7349.00	0.55	291.20	7329.77	-274.78	144.40	-274.78	310.41	152.28	3.55
7350.00	0.53	287.10	7330.77	-274.77	144.39	-274.77	310.40	152.28	4.23
7351.00	0.54	290.93	7331.77	-274.77	144.38	-274.77	310.39	152.28	3.95
7352.00	0.53	285.04	7332.77	-274.77	144.37	-274.77	310.38	152.28	5.81
7353.00	0.53	284.97	7333.77	-274.76	144.36	-274.76	310.38	152.28	0.30
7354.00	0.55	291.12	7334.77	-274.76	144.35	-274.76	310.37	152.28	6.25
7355.00	0.54	287.04	7335.77	-274.76	144.34	-274.76	310.36	152.29	3.99
7356.00	0.56	291.02	7336.77	-274.75	144.33	-274.75	310.36	152.29	3.99
7357.00	0.54	287.27	7337.77	-274.75	144.32	-274.75	310.35	152.29	3.76
7358.00	0.56	292.25	7338.77	-274.75	144.31	-274.75	310.34	152.29	5.04
7359.00	0.54	287.69	7339.77	-274.74	144.31	-274.74	310.34	152.29	4.68
7360.00	0.55	289.60	7340.77	-274.74	144.30	-274.74	310.33	152.29	1.82
7361.00	0.56	295.46	7341.77	-274.74	144.29	-274.74	310.32	152.29	5.80
7362.00	0.55	291.29	7342.77	-274.73	144.28	-274.73	310.31	152.29	4.15
7363.00	0.53	286.42	7343.77	-274.73	144.27	-274.73	310.31	152.29	4.82
7364.00	0.55	291.13	7344.77	-274.73	144.26	-274.73	310.30	152.30	4.72
7365.00	0.55	296.13	7345.77	-274.72	144.25	-274.72	310.29	152.30	4.80
7366.00	0.55	291.37	7346.77	-274.72	144.24	-274.72	310.29	152.30	4.58
7367.00	0.55	295.05	7347.77	-274.72	144.23	-274.72	310.28	152.30	3.55
7368.00	0.54	290.80	7348.77	-274.71	144.23	-274.71	310.27	152.30	4.22
7369.00	0.56	294.53	7349.77	-274.71	144.22	-274.71	310.26	152.30	3.81
7370.00	0.52	285.57	7350.77	-274.71	144.21	-274.71	310.26	152.30	9.01
7371.00	12.73	329.94	7351.76	-274.61	144.15	-274.61	310.14	152.30	1236.16
7372.00	0.52	284.00	7352.75	-274.51	144.09	-274.51	310.03	152.31	1237.51
7373.00	0.55	293.65	7353.75	-274.51	144.08	-274.51	310.02	152.31	9.33
7374.00	0.51	282.30	7354.75	-274.51	144.07	-274.51	310.02	152.31	11.04
7375.00	0.54	293.21	7355.75	-274.50	144.06	-274.50	310.01	152.31	10.60
7376.00	0.52	287.37	7356.75	-274.50	144.05	-274.50	310.00	152.31	5.79
7377.00	0.53	291.01	7357.75	-274.50	144.04	-274.50	310.00	152.31	3.51

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7378.00	0.50	283.46	7358.75	-274.49	144.04	-274.49	309.99	152.31	7.45
7379.00	0.54	291.69	7359.75	-274.49	144.03	-274.49	309.98	152.31	8.14
7380.00	0.49	280.75	7360.75	-274.49	144.02	-274.49	309.98	152.31	10.70
7381.00	0.54	291.30	7361.75	-274.49	144.01	-274.49	309.97	152.32	10.50
7382.00	0.51	284.64	7362.75	-274.48	144.00	-274.48	309.96	152.32	6.60
7383.00	0.53	289.44	7363.75	-274.48	143.99	-274.48	309.96	152.32	4.67
7384.00	0.56	294.31	7364.75	-274.48	143.98	-274.48	309.95	152.32	5.72
7385.00	0.57	295.65	7365.75	-274.47	143.97	-274.47	309.94	152.32	1.44
7386.00	0.56	295.49	7366.75	-274.47	143.97	-274.47	309.93	152.32	0.67
7387.00	0.57	295.38	7367.75	-274.47	143.96	-274.47	309.93	152.32	0.28
7388.00	0.57	295.28	7368.75	-274.46	143.95	-274.46	309.92	152.32	0.50
7389.00	0.48	278.07	7369.75	-274.46	143.94	-274.46	309.91	152.33	18.20
7390.00	0.56	292.95	7370.75	-274.46	143.93	-274.46	309.91	152.33	15.63
7391.00	0.45	274.00	7371.75	-274.45	143.92	-274.45	309.90	152.33	19.79
7392.00	0.53	290.01	7372.75	-274.45	143.91	-274.45	309.90	152.33	16.00
7393.00	0.42	270.38	7373.75	-274.45	143.91	-274.45	309.89	152.33	19.47
7394.00	0.51	285.87	7374.75	-274.45	143.90	-274.45	309.89	152.33	14.90
7395.00	0.37	263.19	7375.75	-274.45	143.89	-274.45	309.88	152.33	21.80
7396.00	0.36	262.44	7376.75	-274.45	143.88	-274.45	309.88	152.33	0.83
7397.00	0.56	294.69	7377.75	-274.45	143.88	-274.45	309.87	152.33	31.84
7398.00	0.44	274.12	7378.75	-274.44	143.87	-274.44	309.87	152.34	21.55
7399.00	0.51	287.62	7379.75	-274.44	143.86	-274.44	309.86	152.34	13.24
7400.00	0.43	275.12	7380.75	-274.44	143.85	-274.44	309.86	152.34	12.61
7401.00	0.56	296.71	7381.75	-274.44	143.84	-274.44	309.85	152.34	22.02
7402.00	0.44	275.60	7382.75	-274.44	143.84	-274.44	309.85	152.34	21.66
7403.00	0.44	276.89	7383.75	-274.44	143.83	-274.44	309.84	152.34	1.24
7404.00	0.44	276.97	7384.75	-274.43	143.82	-274.43	309.84	152.34	0.15
7405.00	0.32	254.48	7385.75	-274.44	143.81	-274.44	309.83	152.34	19.37
7406.00	0.47	283.37	7386.75	-274.43	143.81	-274.43	309.83	152.34	24.77
7407.00	0.34	258.69	7387.75	-274.43	143.80	-274.43	309.83	152.35	21.70
7408.00	0.50	289.68	7388.75	-274.43	143.79	-274.43	309.82	152.35	27.23
7409.00	0.35	260.42	7389.75	-274.43	143.79	-274.43	309.82	152.35	25.90
7410.00	0.53	295.02	7390.75	-274.43	143.78	-274.43	309.81	152.35	31.55
7411.00	0.33	257.87	7391.75	-274.43	143.77	-274.43	309.81	152.35	33.40
7412.00	0.52	294.55	7392.75	-274.43	143.77	-274.43	309.81	152.35	32.19
7413.00	0.31	252.54	7393.75	-274.43	143.76	-274.43	309.80	152.35	35.61
7414.00	0.52	293.63	7394.75	-274.43	143.75	-274.43	309.80	152.35	34.73
7415.00	0.33	252.98	7395.75	-274.43	143.75	-274.43	309.79	152.35	34.23
7416.00	0.51	291.34	7396.75	-274.42	143.74	-274.42	309.79	152.36	32.46
7417.00	0.36	258.63	7397.75	-274.42	143.73	-274.42	309.79	152.36	28.35

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7418.00	0.44	275.22	7398.75	-274.42	143.72	-274.42	309.78	152.36	13.77
7419.00	0.28	239.75	7399.75	-274.42	143.72	-274.42	309.78	152.36	26.57
7420.00	0.51	291.27	7400.75	-274.42	143.71	-274.42	309.78	152.36	40.24
7421.00	0.39	261.67	7401.75	-274.42	143.70	-274.42	309.77	152.36	25.83
7422.00	0.28	235.20	7402.75	-274.43	143.70	-274.43	309.77	152.36	18.77
7423.00	0.28	233.15	7403.75	-274.43	143.70	-274.43	309.77	152.36	1.07
7424.00	0.29	231.12	7404.75	-274.43	143.69	-274.43	309.77	152.36	1.06
7425.00	0.29	229.22	7405.75	-274.43	143.69	-274.43	309.77	152.36	0.99
7426.00	0.29	227.29	7406.75	-274.44	143.68	-274.44	309.78	152.37	1.03
7427.00	0.30	225.35	7407.75	-274.44	143.68	-274.44	309.78	152.37	1.07
7428.00	0.30	223.28	7408.75	-274.45	143.68	-274.45	309.78	152.37	1.19
7429.00	0.31	220.94	7409.75	-274.45	143.67	-274.45	309.78	152.37	1.45
7430.00	0.32	218.64	7410.75	-274.45	143.67	-274.45	309.78	152.37	1.42
7431.00	0.32	216.73	7411.75	-274.46	143.67	-274.46	309.79	152.37	1.05
7432.00	0.32	214.82	7412.75	-274.46	143.66	-274.46	309.79	152.37	1.05
7433.00	0.33	212.80	7413.75	-274.47	143.66	-274.47	309.79	152.37	1.51
7434.00	0.34	210.91	7414.75	-274.47	143.66	-274.47	309.79	152.37	1.49
7435.00	0.34	209.59	7415.75	-274.48	143.65	-274.48	309.80	152.37	1.01
7436.00	0.35	208.26	7416.75	-274.48	143.65	-274.48	309.80	152.37	1.02
7437.00	0.36	207.07	7417.75	-274.49	143.65	-274.49	309.80	152.38	1.02
7438.00	0.36	205.88	7418.75	-274.49	143.64	-274.49	309.81	152.38	1.03
7439.00	0.37	204.85	7419.75	-274.50	143.64	-274.50	309.81	152.38	1.28
7440.00	0.39	203.86	7420.75	-274.50	143.64	-274.50	309.81	152.38	1.36
7441.00	0.40	202.88	7421.75	-274.51	143.64	-274.51	309.82	152.38	1.40
7442.00	0.41	201.90	7422.75	-274.52	143.63	-274.52	309.82	152.38	1.43
7443.00	0.42	200.88	7423.75	-274.52	143.63	-274.52	309.83	152.38	1.12
7444.00	0.43	199.85	7424.75	-274.53	143.63	-274.53	309.83	152.38	1.02
7445.00	0.43	199.05	7425.75	-274.54	143.63	-274.54	309.84	152.38	0.84
7446.00	0.44	198.35	7426.75	-274.55	143.62	-274.55	309.84	152.38	0.76
7447.00	0.44	197.73	7427.75	-274.55	143.62	-274.55	309.85	152.39	0.92
7448.00	0.45	197.16	7428.75	-274.56	143.62	-274.56	309.85	152.39	1.05
7449.00	0.46	196.72	7429.75	-274.57	143.62	-274.57	309.86	152.39	0.80
7450.00	0.47	196.39	7430.75	-274.58	143.61	-274.58	309.87	152.39	0.54
7451.00	0.47	196.17	7431.75	-274.58	143.61	-274.58	309.87	152.39	0.48
7452.00	0.47	196.12	7432.75	-274.59	143.61	-274.59	309.88	152.39	0.40
7453.00	0.48	196.03	7433.75	-274.60	143.61	-274.60	309.88	152.39	0.43
7454.00	0.48	195.75	7434.75	-274.61	143.61	-274.61	309.89	152.39	0.58
7455.00	0.49	195.47	7435.75	-274.62	143.60	-274.62	309.90	152.39	0.56
7456.00	0.49	195.14	7436.75	-274.62	143.60	-274.62	309.90	152.39	0.43
7457.00	0.50	194.83	7437.75	-274.63	143.60	-274.63	309.91	152.40	0.43

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7458.00	0.50	194.75	7438.75	-274.64	143.60	-274.64	309.92	152.40	0.50
7459.00	0.51	194.67	7439.75	-274.65	143.59	-274.65	309.92	152.40	0.47
7460.00	0.51	194.67	7440.75	-274.66	143.59	-274.66	309.93	152.40	0.27
7461.00	0.51	194.67	7441.75	-274.67	143.59	-274.67	309.93	152.40	0.27
7462.00	0.51	194.38	7442.75	-274.67	143.59	-274.67	309.94	152.40	0.27
7463.00	0.51	194.05	7443.75	-274.68	143.59	-274.68	309.95	152.40	0.30
7464.00	0.51	193.77	7444.75	-274.69	143.58	-274.69	309.95	152.40	0.28
7465.00	0.51	193.51	7445.75	-274.70	143.58	-274.70	309.96	152.40	0.27
7466.00	0.52	193.20	7446.75	-274.71	143.58	-274.71	309.97	152.41	0.33
7467.00	0.52	192.87	7447.75	-274.72	143.58	-274.72	309.98	152.41	0.36
7468.00	0.52	192.55	7448.75	-274.73	143.57	-274.73	309.98	152.41	0.31
7469.00	0.52	192.26	7449.75	-274.74	143.57	-274.74	309.99	152.41	0.26
7470.00	0.52	191.99	7450.75	-274.75	143.57	-274.75	310.00	152.41	0.24
7471.00	0.52	191.91	7451.75	-274.75	143.57	-274.75	310.00	152.41	0.12
7472.00	0.52	191.84	7452.75	-274.76	143.57	-274.76	310.01	152.41	0.12
7473.00	0.52	191.75	7453.75	-274.77	143.57	-274.77	310.02	152.41	0.25
7474.00	0.52	191.65	7454.75	-274.78	143.56	-274.78	310.02	152.41	0.25
7475.00	0.52	191.46	7455.75	-274.79	143.56	-274.79	310.03	152.42	0.20
7476.00	0.52	191.26	7456.75	-274.80	143.56	-274.80	310.04	152.42	0.21
7477.00	0.53	191.12	7457.75	-274.81	143.56	-274.81	310.05	152.42	0.30
7478.00	0.53	190.98	7458.75	-274.82	143.56	-274.82	310.05	152.42	0.30
7479.00	0.53	190.90	7459.75	-274.83	143.55	-274.83	310.06	152.42	0.12
7480.00	0.53	190.88	7460.75	-274.83	143.55	-274.83	310.07	152.42	0.09
7481.00	0.53	190.69	7461.75	-274.84	143.55	-274.84	310.07	152.42	0.19
7482.00	0.53	190.46	7462.75	-274.85	143.55	-274.85	310.08	152.42	0.22
7483.00	0.53	190.24	7463.75	-274.86	143.55	-274.86	310.09	152.42	0.21
7484.00	0.53	190.01	7464.75	-274.87	143.55	-274.87	310.10	152.43	0.21
7485.00	0.53	189.80	7465.75	-274.88	143.54	-274.88	310.10	152.43	0.46
7486.00	0.54	189.64	7466.75	-274.89	143.54	-274.89	310.11	152.43	0.98
7487.00	0.54	189.64	7467.75	-274.90	143.54	-274.90	310.12	152.43	0.16
7488.00	0.54	189.71	7468.75	-274.91	143.54	-274.91	310.13	152.43	0.20
7489.00	0.54	189.79	7469.75	-274.92	143.54	-274.92	310.13	152.43	0.14
7490.00	0.54	189.88	7470.75	-274.93	143.54	-274.93	310.14	152.43	0.10
7491.00	0.54	189.98	7471.75	-274.94	143.54	-274.94	310.15	152.43	0.11
7492.00	0.54	190.09	7472.75	-274.95	143.53	-274.95	310.16	152.43	0.32
7493.00	0.55	190.20	7473.75	-274.96	143.53	-274.96	310.16	152.43	0.32
7494.00	0.55	190.53	7474.75	-274.96	143.53	-274.96	310.17	152.44	0.44
7495.00	0.55	190.88	7475.75	-274.97	143.53	-274.97	310.18	152.44	0.46
7496.00	0.56	191.18	7476.75	-274.98	143.53	-274.98	310.19	152.44	0.33
7497.00	0.56	191.46	7477.75	-274.99	143.52	-274.99	310.19	152.44	0.31

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7498.00	0.56	191.51	7478.75	-275.00	143.52	-275.00	310.20	152.44	0.10
7499.00	0.56	191.49	7479.75	-275.01	143.52	-275.01	310.21	152.44	0.07
7500.00	0.56	191.50	7480.75	-275.02	143.52	-275.02	310.22	152.44	0.09
7501.00	0.56	191.54	7481.75	-275.03	143.52	-275.03	310.22	152.44	0.20
7502.00	0.56	191.72	7482.75	-275.04	143.51	-275.04	310.23	152.44	0.34
7503.00	0.56	191.90	7483.75	-275.05	143.51	-275.05	310.24	152.45	0.34
7504.00	0.56	191.97	7484.75	-275.06	143.51	-275.06	310.25	152.45	0.24
7505.00	0.57	192.00	7485.75	-275.07	143.51	-275.07	310.25	152.45	0.21
7506.00	0.57	192.13	7486.75	-275.08	143.51	-275.08	310.26	152.45	0.14
7507.00	0.57	192.33	7487.75	-275.09	143.50	-275.09	310.27	152.45	0.21
7508.00	0.56	192.53	7488.75	-275.10	143.50	-275.10	310.28	152.45	0.31
7509.00	0.56	192.75	7489.75	-275.11	143.50	-275.11	310.28	152.45	0.45
7510.00	0.56	192.91	7490.75	-275.12	143.50	-275.12	310.29	152.45	0.26
7511.00	0.56	192.97	7491.75	-275.13	143.50	-275.13	310.30	152.46	0.25
7512.00	0.56	193.02	7492.75	-275.14	143.49	-275.14	310.31	152.46	0.09
7513.00	0.56	193.06	7493.75	-275.15	143.49	-275.15	310.31	152.46	0.18
7514.00	0.56	193.17	7494.75	-275.16	143.49	-275.16	310.32	152.46	0.19
7515.00	0.56	193.38	7495.75	-275.17	143.49	-275.17	310.33	152.46	0.25
7516.00	0.55	193.51	7496.75	-275.17	143.48	-275.17	310.34	152.46	0.22
7517.00	0.55	193.43	7497.75	-275.18	143.48	-275.18	310.34	152.46	0.29
7518.00	0.55	193.35	7498.75	-275.19	143.48	-275.19	310.35	152.46	0.26
7519.00	0.55	193.12	7499.75	-275.20	143.48	-275.20	310.36	152.46	0.22
7520.00	0.55	192.89	7500.75	-275.21	143.48	-275.21	310.37	152.47	0.22
7521.00	0.55	192.90	7501.75	-275.22	143.47	-275.22	310.37	152.47	0.18
7522.00	0.55	192.91	7502.75	-275.23	143.47	-275.23	310.38	152.47	0.18
7523.00	0.55	192.85	7503.75	-275.24	143.47	-275.24	310.39	152.47	0.24
7524.00	0.55	192.77	7504.75	-275.25	143.47	-275.25	310.39	152.47	0.34
7525.00	0.55	192.57	7505.75	-275.26	143.47	-275.26	310.40	152.47	0.25
7526.00	0.55	192.34	7506.75	-275.27	143.46	-275.27	310.41	152.47	0.36
7527.00	0.55	192.31	7507.75	-275.28	143.46	-275.28	310.42	152.47	0.18
7528.00	0.54	192.30	7508.75	-275.29	143.46	-275.29	310.42	152.47	0.17
7529.00	0.54	192.26	7509.75	-275.30	143.46	-275.30	310.43	152.48	0.20
7530.00	0.54	192.22	7510.75	-275.30	143.46	-275.30	310.44	152.48	0.21
7531.00	0.54	192.13	7511.75	-275.31	143.45	-275.31	310.45	152.48	0.10
7532.00	0.54	192.04	7512.75	-275.32	143.45	-275.32	310.45	152.48	0.09
7533.00	0.54	192.03	7513.75	-275.33	143.45	-275.33	310.46	152.48	0.10
7534.00	0.54	192.11	7514.75	-275.34	143.45	-275.34	310.47	152.48	0.19
7535.00	0.53	192.18	7515.75	-275.35	143.45	-275.35	310.47	152.48	0.14
7536.00	0.53	192.26	7516.75	-275.36	143.44	-275.36	310.48	152.48	0.08
7537.00	0.53	192.26	7517.75	-275.37	143.44	-275.37	310.49	152.48	0.04

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7538.00	0.53	192.08	7518.75	-275.38	143.44	-275.38	310.50	152.49	0.20
7539.00	0.53	192.02	7519.75	-275.39	143.44	-275.39	310.50	152.49	0.08
7540.00	0.54	192.24	7520.75	-275.40	143.44	-275.40	310.51	152.49	0.46
7541.00	0.54	192.36	7521.75	-275.41	143.43	-275.41	310.52	152.49	0.15
7542.00	0.54	192.31	7522.75	-275.41	143.43	-275.41	310.53	152.49	0.37
7543.00	0.53	192.26	7523.75	-275.42	143.43	-275.42	310.53	152.49	0.24
7544.00	0.53	192.21	7524.75	-275.43	143.43	-275.43	310.54	152.49	0.06
7545.00	0.53	192.19	7525.75	-275.44	143.43	-275.44	310.55	152.49	0.15
7546.00	0.53	192.23	7526.75	-275.45	143.42	-275.45	310.55	152.49	0.40
7547.00	0.52	192.22	7527.75	-275.46	143.42	-275.46	310.56	152.50	0.26
7548.00	0.53	192.00	7528.75	-275.47	143.42	-275.47	310.57	152.50	0.35
7549.00	0.53	191.82	7529.75	-275.48	143.42	-275.48	310.57	152.50	0.31
7550.00	0.53	191.94	7530.75	-275.49	143.42	-275.49	310.58	152.50	0.11
7551.00	0.53	192.06	7531.75	-275.50	143.41	-275.50	310.59	152.50	0.11
7552.00	0.53	192.24	7532.75	-275.51	143.41	-275.51	310.60	152.50	0.17
7553.00	0.53	192.34	7533.75	-275.51	143.41	-275.51	310.60	152.50	0.18
7554.00	0.52	192.28	7534.75	-275.52	143.41	-275.52	310.61	152.50	0.35
7555.00	0.52	192.23	7535.75	-275.53	143.41	-275.53	310.62	152.50	0.31
7556.00	0.52	192.26	7536.75	-275.54	143.40	-275.54	310.62	152.51	0.06
7557.00	0.52	192.29	7537.75	-275.55	143.40	-275.55	310.63	152.51	0.06
7558.00	0.52	192.28	7538.75	-275.56	143.40	-275.56	310.64	152.51	0.20
7559.00	0.53	192.27	7539.75	-275.57	143.40	-275.57	310.65	152.51	0.22
7560.00	0.53	192.24	7540.75	-275.58	143.40	-275.58	310.65	152.51	0.17
7561.00	0.53	192.21	7541.75	-275.59	143.39	-275.59	310.66	152.51	0.16
7562.00	0.53	192.25	7542.75	-275.59	143.39	-275.59	310.67	152.51	0.23
7563.00	0.52	192.30	7543.75	-275.60	143.39	-275.60	310.67	152.51	0.28
7564.00	0.52	192.17	7544.75	-275.61	143.39	-275.61	310.68	152.51	0.12
7565.00	0.52	192.01	7545.75	-275.62	143.39	-275.62	310.69	152.52	0.15
7566.00	0.52	191.82	7546.75	-275.63	143.38	-275.63	310.70	152.52	0.19
7567.00	0.53	191.61	7547.75	-275.64	143.38	-275.64	310.70	152.52	0.23
7568.00	0.53	191.54	7548.75	-275.65	143.38	-275.65	310.71	152.52	0.14
7569.00	0.53	191.66	7549.75	-275.66	143.38	-275.66	310.72	152.52	0.15
7570.00	0.53	191.82	7550.75	-275.67	143.38	-275.67	310.72	152.52	0.15
7571.00	0.53	192.15	7551.75	-275.68	143.38	-275.68	310.73	152.52	0.45
7572.00	0.52	192.44	7552.75	-275.68	143.37	-275.68	310.74	152.52	0.39
7573.00	0.52	192.39	7553.75	-275.69	143.37	-275.69	310.74	152.52	0.09
7574.00	0.52	192.34	7554.75	-275.70	143.37	-275.70	310.75	152.52	0.09
7575.00	0.53	192.30	7555.75	-275.71	143.37	-275.71	310.76	152.53	0.11
7576.00	0.53	192.22	7556.75	-275.72	143.37	-275.72	310.77	152.53	0.12
7577.00	0.53	191.76	7557.75	-275.73	143.36	-275.73	310.77	152.53	0.42

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7578.00	0.53	191.30	7558.75	-275.74	143.36	-275.74	310.78	152.53	0.42
7579.00	0.53	191.13	7559.75	-275.75	143.36	-275.75	310.79	152.53	0.26
7580.00	0.53	190.98	7560.75	-275.76	143.36	-275.76	310.79	152.53	0.26
7581.00	0.53	190.73	7561.75	-275.77	143.36	-275.77	310.80	152.53	0.28
7582.00	0.53	190.45	7562.75	-275.77	143.36	-275.77	310.81	152.53	0.42
7583.00	0.52	190.17	7563.75	-275.78	143.35	-275.78	310.82	152.53	0.45
7584.00	0.52	189.90	7564.75	-275.79	143.35	-275.79	310.82	152.54	0.50
7585.00	0.52	189.71	7565.75	-275.80	143.35	-275.80	310.83	152.54	0.32
7586.00	0.52	189.65	7566.75	-275.81	143.35	-275.81	310.84	152.54	0.06
7587.00	0.52	189.51	7567.75	-275.82	143.35	-275.82	310.84	152.54	0.13
7588.00	0.52	189.25	7568.75	-275.83	143.35	-275.83	310.85	152.54	0.24
7589.00	0.51	189.03	7569.75	-275.84	143.34	-275.84	310.86	152.54	0.22
7590.00	0.51	188.89	7570.75	-275.85	143.34	-275.85	310.87	152.54	0.46
7591.00	0.51	188.76	7571.75	-275.85	143.34	-275.85	310.87	152.54	0.43
7592.00	0.50	188.64	7572.75	-275.86	143.34	-275.86	310.88	152.54	0.22
7593.00	0.50	188.51	7573.75	-275.87	143.34	-275.87	310.89	152.54	0.22
7594.00	0.50	188.10	7574.75	-275.88	143.34	-275.88	310.90	152.55	0.36
7595.00	0.50	187.66	7575.75	-275.89	143.34	-275.89	310.90	152.55	0.39
7596.00	0.50	187.47	7576.75	-275.90	143.34	-275.90	310.91	152.55	0.50
7597.00	0.49	187.34	7577.75	-275.91	143.33	-275.91	310.92	152.55	0.60
7598.00	0.49	187.28	7578.75	-275.91	143.33	-275.91	310.92	152.55	0.28
7599.00	0.49	187.23	7579.75	-275.92	143.33	-275.92	310.93	152.55	0.20
7600.00	0.49	187.08	7580.75	-275.93	143.33	-275.93	310.94	152.55	0.13
7601.00	0.49	186.92	7581.75	-275.94	143.33	-275.94	310.94	152.55	0.14
7602.00	0.48	186.97	7582.75	-275.95	143.33	-275.95	310.95	152.55	0.17
7603.00	0.48	187.06	7583.75	-275.96	143.33	-275.96	310.96	152.55	0.22
7604.00	0.48	187.30	7584.75	-275.97	143.33	-275.97	310.97	152.55	0.31
7605.00	0.48	187.64	7585.75	-275.97	143.33	-275.97	310.97	152.56	0.38
7606.00	0.48	187.84	7586.75	-275.98	143.32	-275.98	310.98	152.56	0.29
7607.00	0.47	187.84	7587.75	-275.99	143.32	-275.99	310.99	152.56	0.23
7608.00	0.47	187.80	7588.75	-276.00	143.32	-276.00	310.99	152.56	0.21
7609.00	0.47	187.62	7589.75	-276.01	143.32	-276.01	311.00	152.56	0.18
7610.00	0.47	187.47	7590.75	-276.01	143.32	-276.01	311.01	152.56	0.19
7611.00	0.47	187.44	7591.75	-276.02	143.32	-276.02	311.01	152.56	0.28
7612.00	0.46	187.46	7592.75	-276.03	143.32	-276.03	311.02	152.56	0.18
7613.00	0.46	187.60	7593.75	-276.04	143.32	-276.04	311.03	152.56	0.13
7614.00	0.46	187.66	7594.75	-276.05	143.32	-276.05	311.03	152.56	0.13
7615.00	0.46	187.58	7595.75	-276.05	143.31	-276.05	311.04	152.56	0.41
7616.00	0.46	187.76	7596.75	-276.06	143.31	-276.06	311.05	152.56	0.41
7617.00	0.45	188.20	7597.75	-276.07	143.31	-276.07	311.05	152.57	0.51

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7618.00	0.45	188.49	7598.75	-276.08	143.31	-276.08	311.06	152.57	0.35
7619.00	0.45	188.44	7599.75	-276.09	143.31	-276.09	311.06	152.57	0.05
7620.00	0.45	188.42	7600.75	-276.09	143.31	-276.09	311.07	152.57	0.02
7621.00	0.45	188.56	7601.75	-276.10	143.31	-276.10	311.08	152.57	0.11
7622.00	0.45	188.69	7602.75	-276.11	143.31	-276.11	311.08	152.57	0.11
7623.00	0.44	188.77	7603.74	-276.12	143.31	-276.12	311.09	152.57	0.53
7624.00	0.44	188.84	7604.74	-276.12	143.30	-276.12	311.10	152.57	0.53
7625.00	0.43	189.01	7605.74	-276.13	143.30	-276.13	311.10	152.57	0.71
7626.00	0.42	189.20	7606.74	-276.14	143.30	-276.14	311.11	152.57	0.76
7627.00	0.42	189.29	7607.74	-276.15	143.30	-276.15	311.11	152.57	0.23
7628.00	0.42	189.38	7608.74	-276.15	143.30	-276.15	311.12	152.57	0.17
7629.00	0.42	189.53	7609.74	-276.16	143.30	-276.16	311.13	152.58	0.14
7630.00	0.42	189.68	7610.74	-276.17	143.30	-276.17	311.13	152.58	0.14
7631.00	0.41	190.08	7611.74	-276.18	143.30	-276.18	311.14	152.58	0.47
7632.00	0.41	190.57	7612.74	-276.18	143.29	-276.18	311.14	152.58	0.61
7633.00	0.41	190.89	7613.74	-276.19	143.29	-276.19	311.15	152.58	0.38
7634.00	0.40	191.08	7614.74	-276.20	143.29	-276.20	311.15	152.58	0.23
7635.00	0.40	191.23	7615.74	-276.20	143.29	-276.20	311.16	152.58	0.30
7636.00	0.40	191.32	7616.74	-276.21	143.29	-276.21	311.17	152.58	0.43
7637.00	0.39	191.48	7617.74	-276.22	143.29	-276.22	311.17	152.58	0.34
7638.00	0.39	191.75	7618.74	-276.22	143.29	-276.22	311.18	152.58	0.24
7639.00	0.39	191.98	7619.74	-276.23	143.29	-276.23	311.18	152.58	0.21
7640.00	0.39	192.19	7620.74	-276.24	143.28	-276.24	311.19	152.58	0.18
7641.00	0.39	192.43	7621.74	-276.24	143.28	-276.24	311.19	152.59	0.20
7642.00	0.39	192.71	7622.74	-276.25	143.28	-276.25	311.20	152.59	0.23
7643.00	0.39	193.00	7623.74	-276.26	143.28	-276.26	311.20	152.59	0.31
7644.00	0.38	193.28	7624.74	-276.26	143.28	-276.26	311.21	152.59	0.78
7645.00	0.38	193.47	7625.74	-276.27	143.28	-276.27	311.21	152.59	0.21
7646.00	0.38	193.59	7626.74	-276.28	143.27	-276.28	311.22	152.59	0.23
7647.00	0.38	193.71	7627.74	-276.28	143.27	-276.28	311.22	152.59	0.18
7648.00	0.38	193.83	7628.74	-276.29	143.27	-276.29	311.23	152.59	0.11
7649.00	0.38	193.94	7629.74	-276.30	143.27	-276.30	311.23	152.59	0.08
7650.00	0.38	194.05	7630.74	-276.30	143.27	-276.30	311.24	152.59	0.20
7651.00	0.38	194.15	7631.74	-276.31	143.27	-276.31	311.24	152.59	0.18
7652.00	0.38	194.21	7632.74	-276.31	143.27	-276.31	311.25	152.59	0.04
7653.00	0.38	194.23	7633.74	-276.32	143.26	-276.32	311.25	152.59	0.03
7654.00	0.37	193.96	7634.74	-276.33	143.26	-276.33	311.26	152.60	0.32
7655.00	0.37	193.72	7635.74	-276.33	143.26	-276.33	311.26	152.60	0.32
7656.00	0.37	193.59	7636.74	-276.34	143.26	-276.34	311.27	152.60	0.34
7657.00	0.37	193.47	7637.74	-276.35	143.26	-276.35	311.27	152.60	0.31

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7658.00	0.36	193.41	7638.74	-276.35	143.26	-276.35	311.28	152.60	0.06
7659.00	0.36	193.35	7639.74	-276.36	143.25	-276.36	311.28	152.60	0.06
7660.00	0.36	193.39	7640.74	-276.36	143.25	-276.36	311.29	152.60	0.03
7661.00	0.36	193.45	7641.74	-276.37	143.25	-276.37	311.29	152.60	0.04
7662.00	0.36	193.32	7642.74	-276.38	143.25	-276.38	311.30	152.60	0.33
7663.00	0.36	193.16	7643.74	-276.38	143.25	-276.38	311.30	152.60	0.42
7664.00	0.35	192.85	7644.74	-276.39	143.25	-276.39	311.31	152.60	0.41
7665.00	0.35	192.44	7645.74	-276.40	143.25	-276.40	311.31	152.60	0.42
7666.00	0.35	192.19	7646.74	-276.40	143.24	-276.40	311.31	152.60	0.20
7667.00	0.35	192.10	7647.74	-276.41	143.24	-276.41	311.32	152.61	0.08
7668.00	0.35	192.06	7648.74	-276.41	143.24	-276.41	311.32	152.61	0.34
7669.00	0.34	192.04	7649.74	-276.42	143.24	-276.42	311.33	152.61	0.60
7670.00	0.34	191.92	7650.74	-276.42	143.24	-276.42	311.33	152.61	0.50
7671.00	0.33	191.70	7651.74	-276.43	143.24	-276.43	311.34	152.61	0.41
7672.00	0.33	191.47	7652.74	-276.44	143.24	-276.44	311.34	152.61	0.35
7673.00	0.33	191.21	7653.74	-276.44	143.24	-276.44	311.35	152.61	0.21
7674.00	0.32	190.96	7654.74	-276.45	143.24	-276.45	311.35	152.61	0.21
7675.00	0.32	190.85	7655.74	-276.45	143.23	-276.45	311.36	152.61	0.22
7676.00	0.32	190.74	7656.74	-276.46	143.23	-276.46	311.36	152.61	0.22
7677.00	0.32	190.66	7657.74	-276.46	143.23	-276.46	311.36	152.61	0.30
7678.00	0.31	190.58	7658.74	-276.47	143.23	-276.47	311.37	152.61	0.30
7679.00	0.31	190.72	7659.74	-276.47	143.23	-276.47	311.37	152.61	0.22
7680.00	0.31	190.83	7660.74	-276.48	143.23	-276.48	311.38	152.61	0.20
7681.00	0.31	190.64	7661.74	-276.49	143.23	-276.49	311.38	152.61	0.14
7682.00	0.31	190.46	7662.74	-276.49	143.23	-276.49	311.39	152.62	0.14
7683.00	0.31	190.16	7663.74	-276.50	143.23	-276.50	311.39	152.62	0.28
7684.00	0.30	189.85	7664.74	-276.50	143.23	-276.50	311.39	152.62	0.30
7685.00	0.30	189.53	7665.74	-276.51	143.22	-276.51	311.40	152.62	0.17
7686.00	0.30	189.20	7666.74	-276.51	143.22	-276.51	311.40	152.62	0.18
7687.00	0.30	189.11	7667.74	-276.52	143.22	-276.52	311.41	152.62	0.09
7688.00	0.31	189.25	7668.74	-276.52	143.22	-276.52	311.41	152.62	0.11
7689.00	0.31	189.42	7669.74	-276.53	143.22	-276.53	311.42	152.62	0.09
7690.00	0.31	189.60	7670.74	-276.53	143.22	-276.53	311.42	152.62	0.10
7691.00	0.31	189.61	7671.74	-276.54	143.22	-276.54	311.42	152.62	0.04
7692.00	0.31	189.51	7672.74	-276.54	143.22	-276.54	311.43	152.62	0.10
7693.00	0.31	189.26	7673.74	-276.55	143.22	-276.55	311.43	152.62	0.19
7694.00	0.31	188.86	7674.74	-276.55	143.22	-276.55	311.44	152.62	0.28
7695.00	0.31	188.59	7675.74	-276.56	143.22	-276.56	311.44	152.62	0.16
7696.00	0.31	188.40	7676.74	-276.56	143.21	-276.56	311.45	152.62	0.10
7697.00	0.31	188.04	7677.74	-276.57	143.21	-276.57	311.45	152.62	0.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7698.00	0.31	187.55	7678.74	-276.58	143.21	-276.58	311.45	152.62	0.26
7699.00	0.31	186.99	7679.74	-276.58	143.21	-276.58	311.46	152.63	0.31
7700.00	0.31	186.32	7680.74	-276.59	143.21	-276.59	311.46	152.63	0.40
7701.00	0.31	185.86	7681.74	-276.59	143.21	-276.59	311.47	152.63	0.29
7702.00	0.31	186.25	7682.74	-276.60	143.21	-276.60	311.47	152.63	0.23
7703.00	0.32	186.64	7683.74	-276.60	143.21	-276.60	311.48	152.63	0.23
7704.00	0.31	186.56	7684.74	-276.61	143.21	-276.61	311.48	152.63	0.24
7705.00	0.31	186.49	7685.74	-276.61	143.21	-276.61	311.49	152.63	0.24
7706.00	0.31	186.28	7686.74	-276.62	143.21	-276.62	311.49	152.63	0.11
7707.00	0.31	186.12	7687.74	-276.62	143.21	-276.62	311.50	152.63	0.09
7708.00	0.31	186.30	7688.74	-276.63	143.21	-276.63	311.50	152.63	0.10
7709.00	0.31	186.48	7689.74	-276.63	143.21	-276.63	311.50	152.63	0.10
7710.00	0.31	186.41	7690.74	-276.64	143.21	-276.64	311.51	152.63	0.10
7711.00	0.31	186.33	7691.74	-276.65	143.21	-276.65	311.51	152.63	0.10
7712.00	0.31	186.21	7692.74	-276.65	143.20	-276.65	311.52	152.63	0.30
7713.00	0.30	186.09	7693.74	-276.66	143.20	-276.66	311.52	152.63	0.32
7714.00	0.30	185.82	7694.74	-276.66	143.20	-276.66	311.53	152.63	0.22
7715.00	0.30	185.48	7695.74	-276.67	143.20	-276.67	311.53	152.63	0.20
7716.00	0.30	185.56	7696.74	-276.67	143.20	-276.67	311.54	152.63	0.25
7717.00	0.30	185.64	7697.74	-276.68	143.20	-276.68	311.54	152.63	0.25
7718.00	0.30	185.67	7698.74	-276.68	143.20	-276.68	311.54	152.64	0.02
7719.00	0.30	185.69	7699.74	-276.69	143.20	-276.69	311.55	152.64	0.02
7720.00	0.29	186.11	7700.74	-276.69	143.20	-276.69	311.55	152.64	0.30
7721.00	0.29	186.70	7701.74	-276.70	143.20	-276.70	311.56	152.64	0.43
7722.00	0.29	187.32	7702.74	-276.70	143.20	-276.70	311.56	152.64	0.41
7723.00	0.29	187.95	7703.74	-276.71	143.20	-276.71	311.57	152.64	0.40
7724.00	0.28	188.39	7704.74	-276.71	143.20	-276.71	311.57	152.64	0.29
7725.00	0.28	188.37	7705.74	-276.72	143.20	-276.72	311.57	152.64	0.09
7726.00	0.28	188.31	7706.74	-276.72	143.20	-276.72	311.58	152.64	0.08
7727.00	0.28	187.90	7707.74	-276.73	143.20	-276.73	311.58	152.64	0.20
7728.00	0.28	187.50	7708.74	-276.73	143.20	-276.73	311.59	152.64	0.20
7729.00	0.28	187.99	7709.74	-276.74	143.19	-276.74	311.59	152.64	0.24
7730.00	0.28	188.44	7710.74	-276.74	143.19	-276.74	311.59	152.64	0.23
7731.00	0.28	188.65	7711.74	-276.75	143.19	-276.75	311.60	152.64	0.18
7732.00	0.28	188.84	7712.74	-276.75	143.19	-276.75	311.60	152.64	0.17
7733.00	0.28	188.99	7713.74	-276.76	143.19	-276.76	311.60	152.64	0.14
7734.00	0.28	189.14	7714.74	-276.76	143.19	-276.76	311.61	152.64	0.14
7735.00	0.28	189.05	7715.74	-276.77	143.19	-276.77	311.61	152.64	0.10
7736.00	0.28	188.59	7716.74	-276.77	143.19	-276.77	311.62	152.64	0.46
7737.00	0.28	188.48	7717.74	-276.78	143.19	-276.78	311.62	152.65	0.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7738.00	0.28	188.51	7718.74	-276.78	143.19	-276.78	311.62	152.65	0.04
7739.00	0.28	188.50	7719.74	-276.78	143.19	-276.78	311.63	152.65	0.01
7740.00	0.28	188.44	7720.74	-276.79	143.19	-276.79	311.63	152.65	0.05
7741.00	0.28	188.29	7721.74	-276.79	143.19	-276.79	311.64	152.65	0.08
7742.00	0.28	188.05	7722.74	-276.80	143.19	-276.80	311.64	152.65	0.11
7743.00	0.28	187.74	7723.74	-276.80	143.18	-276.80	311.64	152.65	0.18
7744.00	0.28	187.38	7724.74	-276.81	143.18	-276.81	311.65	152.65	0.24
7745.00	0.29	187.18	7725.74	-276.81	143.18	-276.81	311.65	152.65	0.14
7746.00	0.29	187.15	7726.74	-276.82	143.18	-276.82	311.66	152.65	0.05
7747.00	0.29	187.08	7727.74	-276.82	143.18	-276.82	311.66	152.65	0.07
7748.00	0.29	186.92	7728.74	-276.83	143.18	-276.83	311.67	152.65	0.14
7749.00	0.29	186.78	7729.74	-276.83	143.18	-276.83	311.67	152.65	0.14
7750.00	0.29	186.82	7730.74	-276.84	143.18	-276.84	311.67	152.65	0.21
7751.00	0.29	186.86	7731.74	-276.84	143.18	-276.84	311.68	152.65	0.21
7752.00	0.29	186.67	7732.74	-276.85	143.18	-276.85	311.68	152.65	0.11
7753.00	0.29	186.45	7733.74	-276.85	143.18	-276.85	311.69	152.65	0.13
7754.00	0.29	185.99	7734.74	-276.86	143.18	-276.86	311.69	152.65	0.25
7755.00	0.29	185.55	7735.74	-276.86	143.18	-276.86	311.69	152.65	0.22
7756.00	0.29	185.40	7736.74	-276.87	143.18	-276.87	311.70	152.66	0.36
7757.00	0.30	185.25	7737.74	-276.87	143.18	-276.87	311.70	152.66	0.36
7758.00	0.29	185.22	7738.74	-276.88	143.18	-276.88	311.71	152.66	0.29
7759.00	0.29	185.20	7739.74	-276.88	143.18	-276.88	311.71	152.66	0.36
7760.00	0.29	185.25	7740.74	-276.89	143.17	-276.89	311.72	152.66	0.17
7761.00	0.29	185.33	7741.74	-276.89	143.17	-276.89	311.72	152.66	0.10
7762.00	0.29	185.38	7742.74	-276.90	143.17	-276.90	311.72	152.66	0.06
7763.00	0.29	185.40	7743.74	-276.90	143.17	-276.90	311.73	152.66	0.02
7764.00	0.29	185.52	7744.74	-276.91	143.17	-276.91	311.73	152.66	0.07
7765.00	0.29	185.81	7745.74	-276.91	143.17	-276.91	311.74	152.66	0.15
7766.00	0.29	186.19	7746.74	-276.92	143.17	-276.92	311.74	152.66	0.21
7767.00	0.29	186.61	7747.74	-276.92	143.17	-276.92	311.75	152.66	0.23
7768.00	0.29	186.94	7748.74	-276.93	143.17	-276.93	311.75	152.66	0.17
7769.00	0.28	187.17	7749.74	-276.93	143.17	-276.93	311.75	152.66	0.12
7770.00	0.28	187.40	7750.74	-276.94	143.17	-276.94	311.76	152.66	0.19
7771.00	0.28	187.62	7751.74	-276.94	143.17	-276.94	311.76	152.66	0.45
7772.00	0.27	187.83	7752.74	-276.95	143.17	-276.95	311.77	152.66	0.43
7773.00	0.27	187.84	7753.74	-276.95	143.17	-276.95	311.77	152.66	0.30
7774.00	0.27	187.86	7754.74	-276.96	143.17	-276.96	311.77	152.66	0.30
7775.00	0.27	187.77	7755.74	-276.96	143.17	-276.96	311.78	152.66	0.22
7776.00	0.26	187.66	7756.74	-276.97	143.17	-276.97	311.78	152.67	0.21
7777.00	0.26	187.26	7757.74	-276.97	143.17	-276.97	311.79	152.67	0.29

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7778.00	0.26	186.83	7758.74	-276.98	143.16	-276.98	311.79	152.67	0.30
7779.00	0.26	186.82	7759.74	-276.98	143.16	-276.98	311.79	152.67	0.49
7780.00	0.25	186.83	7760.74	-276.99	143.16	-276.99	311.80	152.67	0.44
7781.00	0.25	187.06	7761.74	-276.99	143.16	-276.99	311.80	152.67	0.10
7782.00	0.25	187.29	7762.74	-276.99	143.16	-276.99	311.80	152.67	0.10
7783.00	0.25	187.34	7763.74	-277.00	143.16	-277.00	311.81	152.67	0.21
7784.00	0.25	187.32	7764.74	-277.00	143.16	-277.00	311.81	152.67	0.30
7785.00	0.24	187.29	7765.74	-277.01	143.16	-277.01	311.81	152.67	0.25
7786.00	0.24	187.27	7766.74	-277.01	143.16	-277.01	311.82	152.67	0.20
7787.00	0.24	187.15	7767.74	-277.02	143.16	-277.02	311.82	152.67	0.27
7788.00	0.24	186.89	7768.74	-277.02	143.16	-277.02	311.82	152.67	0.39
7789.00	0.23	186.59	7769.74	-277.02	143.16	-277.02	311.83	152.67	0.29
7790.00	0.23	186.23	7770.74	-277.03	143.16	-277.03	311.83	152.67	0.17
7791.00	0.23	185.96	7771.74	-277.03	143.16	-277.03	311.83	152.67	0.19
7792.00	0.23	185.79	7772.74	-277.04	143.16	-277.04	311.84	152.67	0.24
7793.00	0.23	185.61	7773.74	-277.04	143.16	-277.04	311.84	152.67	0.13
7794.00	0.23	185.42	7774.74	-277.04	143.16	-277.04	311.84	152.67	0.10
7795.00	0.23	185.16	7775.74	-277.05	143.16	-277.05	311.85	152.67	0.10
7796.00	0.22	184.60	7776.74	-277.05	143.16	-277.05	311.85	152.67	0.34
7797.00	0.22	184.08	7777.74	-277.06	143.16	-277.06	311.85	152.67	0.30
7798.00	0.22	183.59	7778.74	-277.06	143.16	-277.06	311.86	152.67	0.28
7799.00	0.22	183.37	7779.74	-277.06	143.16	-277.06	311.86	152.68	0.18
7800.00	0.22	183.56	7780.74	-277.07	143.15	-277.07	311.86	152.68	0.12
7801.00	0.22	183.77	7781.74	-277.07	143.15	-277.07	311.87	152.68	0.11
7802.00	0.22	184.09	7782.74	-277.07	143.15	-277.07	311.87	152.68	0.12
7803.00	0.22	184.37	7783.74	-277.08	143.15	-277.08	311.87	152.68	0.11
7804.00	0.22	184.25	7784.74	-277.08	143.15	-277.08	311.88	152.68	0.10
7805.00	0.21	184.13	7785.74	-277.09	143.15	-277.09	311.88	152.68	0.10
7806.00	0.22	184.00	7786.74	-277.09	143.15	-277.09	311.88	152.68	0.24
7807.00	0.22	183.86	7787.74	-277.09	143.15	-277.09	311.89	152.68	0.27
7808.00	0.22	183.79	7788.74	-277.10	143.15	-277.10	311.89	152.68	0.08
7809.00	0.22	183.70	7789.74	-277.10	143.15	-277.10	311.89	152.68	0.04
7810.00	0.22	183.40	7790.74	-277.11	143.15	-277.11	311.90	152.68	0.49
7811.00	0.23	183.10	7791.74	-277.11	143.15	-277.11	311.90	152.68	0.43
7812.00	0.23	182.87	7792.74	-277.11	143.15	-277.11	311.90	152.68	0.19
7813.00	0.22	182.65	7793.74	-277.12	143.15	-277.12	311.91	152.68	0.19
7814.00	0.22	182.91	7794.74	-277.12	143.15	-277.12	311.91	152.68	0.16
7815.00	0.22	183.23	7795.74	-277.12	143.15	-277.12	311.91	152.68	0.17
7816.00	0.22	183.61	7796.74	-277.13	143.15	-277.13	311.92	152.68	0.16
7817.00	0.22	184.00	7797.74	-277.13	143.15	-277.13	311.92	152.68	0.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7818.00	0.23	183.94	7798.74	-277.14	143.15	-277.14	311.92	152.68	0.17
7819.00	0.23	183.67	7799.74	-277.14	143.15	-277.14	311.93	152.68	0.22
7820.00	0.23	183.44	7800.74	-277.14	143.15	-277.14	311.93	152.68	0.18
7821.00	0.23	183.22	7801.74	-277.15	143.15	-277.15	311.93	152.68	0.15
7822.00	0.23	183.06	7802.74	-277.15	143.15	-277.15	311.94	152.68	0.09
7823.00	0.23	182.95	7803.74	-277.16	143.15	-277.16	311.94	152.68	0.05
7824.00	0.23	182.84	7804.74	-277.16	143.15	-277.16	311.94	152.68	0.06
7825.00	0.23	182.73	7805.74	-277.16	143.15	-277.16	311.95	152.68	0.06
7826.00	0.23	182.50	7806.74	-277.17	143.15	-277.17	311.95	152.69	0.14
7827.00	0.23	182.19	7807.74	-277.17	143.15	-277.17	311.96	152.69	0.20
7828.00	0.23	181.86	7808.74	-277.18	143.15	-277.18	311.96	152.69	0.13
7829.00	0.23	181.52	7809.74	-277.18	143.15	-277.18	311.96	152.69	0.19
7830.00	0.23	181.35	7810.74	-277.18	143.15	-277.18	311.97	152.69	0.19
7831.00	0.23	181.44	7811.74	-277.19	143.15	-277.19	311.97	152.69	0.25
7832.00	0.23	181.48	7812.74	-277.19	143.15	-277.19	311.97	152.69	0.27
7833.00	0.22	181.41	7813.74	-277.20	143.15	-277.20	311.98	152.69	0.33
7834.00	0.22	181.37	7814.74	-277.20	143.15	-277.20	311.98	152.69	0.25
7835.00	0.22	181.47	7815.74	-277.20	143.15	-277.20	311.98	152.69	0.07
7836.00	0.22	181.50	7816.74	-277.21	143.15	-277.21	311.99	152.69	0.12
7837.00	0.22	181.36	7817.74	-277.21	143.15	-277.21	311.99	152.69	0.26
7838.00	0.23	181.26	7818.74	-277.22	143.15	-277.22	311.99	152.69	0.15
7839.00	0.22	181.25	7819.74	-277.22	143.15	-277.22	312.00	152.69	0.12
7840.00	0.22	181.22	7820.74	-277.22	143.15	-277.22	312.00	152.69	0.14
7841.00	0.22	181.15	7821.74	-277.23	143.15	-277.23	312.00	152.69	0.19
7842.00	0.22	181.08	7822.74	-277.23	143.15	-277.23	312.01	152.69	0.17
7843.00	0.22	181.05	7823.74	-277.24	143.15	-277.24	312.01	152.69	0.01
7844.00	0.22	181.02	7824.74	-277.24	143.15	-277.24	312.01	152.69	0.01
7845.00	0.22	181.21	7825.74	-277.24	143.15	-277.24	312.02	152.69	0.10
7846.00	0.22	181.41	7826.74	-277.25	143.15	-277.25	312.02	152.69	0.10
7847.00	0.22	182.10	7827.74	-277.25	143.15	-277.25	312.02	152.69	0.40
7848.00	0.21	182.90	7828.74	-277.25	143.15	-277.25	312.03	152.69	0.47
7849.00	0.21	183.70	7829.74	-277.26	143.15	-277.26	312.03	152.69	0.41
7850.00	0.21	184.49	7830.74	-277.26	143.15	-277.26	312.03	152.69	0.40
7851.00	0.20	185.20	7831.74	-277.27	143.15	-277.27	312.04	152.69	0.37
7852.00	0.20	185.88	7832.74	-277.27	143.15	-277.27	312.04	152.69	0.36
7853.00	0.20	186.49	7833.74	-277.27	143.15	-277.27	312.04	152.69	0.24
7854.00	0.20	187.08	7834.74	-277.28	143.14	-277.28	312.05	152.69	0.26
7855.00	0.20	187.09	7835.74	-277.28	143.14	-277.28	312.05	152.70	0.07
7856.00	0.20	187.11	7836.74	-277.28	143.14	-277.28	312.05	152.70	0.07
7857.00	0.20	187.20	7837.74	-277.29	143.14	-277.29	312.05	152.70	0.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7858.00	0.20	187.29	7838.74	-277.29	143.14	-277.29	312.06	152.70	0.07
7859.00	0.20	187.43	7839.74	-277.29	143.14	-277.29	312.06	152.70	0.37
7860.00	0.19	187.57	7840.74	-277.30	143.14	-277.30	312.06	152.70	0.37
7861.00	0.19	187.18	7841.74	-277.30	143.14	-277.30	312.07	152.70	0.15
7862.00	0.19	186.74	7842.74	-277.30	143.14	-277.30	312.07	152.70	0.15
7863.00	0.19	186.43	7843.74	-277.31	143.14	-277.31	312.07	152.70	0.11
7864.00	0.19	186.19	7844.74	-277.31	143.14	-277.31	312.07	152.70	0.11
7865.00	0.19	185.77	7845.74	-277.31	143.14	-277.31	312.08	152.70	0.15
7866.00	0.19	185.17	7846.74	-277.32	143.14	-277.32	312.08	152.70	0.20
7867.00	0.20	184.66	7847.74	-277.32	143.14	-277.32	312.08	152.70	0.21
7868.00	0.20	184.28	7848.74	-277.32	143.14	-277.32	312.09	152.70	0.31
7869.00	0.20	183.95	7849.74	-277.33	143.14	-277.33	312.09	152.70	0.24
7870.00	0.20	183.68	7850.74	-277.33	143.14	-277.33	312.09	152.70	0.15
7871.00	0.20	183.18	7851.74	-277.33	143.14	-277.33	312.09	152.70	0.26
7872.00	0.21	182.46	7852.74	-277.34	143.14	-277.34	312.10	152.70	0.38
7873.00	0.21	181.59	7853.74	-277.34	143.14	-277.34	312.10	152.70	0.49
7874.00	0.22	180.51	7854.74	-277.34	143.14	-277.34	312.10	152.70	0.67
7875.00	0.22	179.50	7855.74	-277.35	143.14	-277.35	312.11	152.70	0.61
7876.00	0.22	178.79	7856.74	-277.35	143.14	-277.35	312.11	152.70	0.34
7877.00	0.22	178.07	7857.74	-277.36	143.14	-277.36	312.11	152.70	0.33
7878.00	0.22	177.26	7858.74	-277.36	143.14	-277.36	312.12	152.70	0.32
7879.00	0.22	176.80	7859.74	-277.36	143.14	-277.36	312.12	152.70	0.19
7880.00	0.23	176.69	7860.74	-277.37	143.14	-277.37	312.12	152.70	0.12
7881.00	0.23	176.59	7861.74	-277.37	143.14	-277.37	312.13	152.70	0.12
7882.00	0.23	176.11	7862.74	-277.38	143.14	-277.38	312.13	152.70	0.40
7883.00	0.23	175.59	7863.74	-277.38	143.14	-277.38	312.14	152.70	0.43
7884.00	0.24	175.43	7864.74	-277.38	143.14	-277.38	312.14	152.70	0.16
7885.00	0.24	175.27	7865.74	-277.39	143.14	-277.39	312.14	152.70	0.16
7886.00	0.24	175.48	7866.74	-277.39	143.14	-277.39	312.15	152.71	0.16
7887.00	0.24	175.68	7867.74	-277.40	143.14	-277.40	312.15	152.71	0.16
7888.00	0.24	175.81	7868.74	-277.40	143.14	-277.40	312.15	152.71	0.29
7889.00	0.25	175.93	7869.74	-277.40	143.14	-277.40	312.16	152.71	0.30
7890.00	0.25	176.09	7870.74	-277.41	143.14	-277.41	312.16	152.71	0.08
7891.00	0.25	176.25	7871.74	-277.41	143.14	-277.41	312.17	152.71	0.07
7892.00	0.25	176.33	7872.74	-277.42	143.14	-277.42	312.17	152.71	0.27
7893.00	0.25	176.35	7873.74	-277.42	143.14	-277.42	312.17	152.71	0.47
7894.00	0.25	176.35	7874.74	-277.43	143.14	-277.43	312.18	152.71	0.21
7895.00	0.25	176.33	7875.74	-277.43	143.14	-277.43	312.18	152.71	0.05
7896.00	0.25	176.27	7876.74	-277.44	143.14	-277.44	312.19	152.71	0.09
7897.00	0.25	176.17	7877.74	-277.44	143.14	-277.44	312.19	152.71	0.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7898.00	0.25	175.80	7878.74	-277.44	143.14	-277.44	312.19	152.71	0.19
7899.00	0.26	175.17	7879.74	-277.45	143.14	-277.45	312.20	152.71	0.42
7900.00	0.26	174.56	7880.74	-277.45	143.14	-277.45	312.20	152.71	0.39
7901.00	0.26	173.95	7881.74	-277.46	143.15	-277.46	312.21	152.71	0.36
7902.00	0.26	173.48	7882.74	-277.46	143.15	-277.46	312.21	152.71	0.30
7903.00	0.27	173.22	7883.74	-277.47	143.15	-277.47	312.22	152.71	0.20
7904.00	0.27	173.01	7884.74	-277.47	143.15	-277.47	312.22	152.71	0.19
7905.00	0.27	172.90	7885.74	-277.48	143.15	-277.48	312.22	152.71	0.16
7906.00	0.27	172.82	7886.74	-277.48	143.15	-277.48	312.23	152.71	0.15
7907.00	0.27	173.00	7887.74	-277.49	143.15	-277.49	312.23	152.71	0.11
7908.00	0.27	172.95	7888.74	-277.49	143.15	-277.49	312.24	152.71	0.08
7909.00	0.27	172.68	7889.74	-277.49	143.15	-277.49	312.24	152.71	0.15
7910.00	0.27	172.41	7890.74	-277.50	143.15	-277.50	312.25	152.71	0.14
7911.00	0.27	172.18	7891.74	-277.50	143.15	-277.50	312.25	152.71	0.14
7912.00	0.27	171.97	7892.74	-277.51	143.15	-277.51	312.26	152.71	0.12
7913.00	0.27	171.92	7893.74	-277.51	143.15	-277.51	312.26	152.71	0.13
7914.00	0.27	171.81	7894.74	-277.52	143.15	-277.52	312.26	152.71	0.06
7915.00	0.27	171.44	7895.74	-277.52	143.15	-277.52	312.27	152.71	0.42
7916.00	0.26	171.08	7896.74	-277.53	143.15	-277.53	312.27	152.71	0.42
7917.00	0.27	171.03	7897.74	-277.53	143.16	-277.53	312.28	152.71	0.05
7918.00	0.27	170.99	7898.74	-277.54	143.16	-277.54	312.28	152.71	0.03
7919.00	0.27	170.98	7899.74	-277.54	143.16	-277.54	312.29	152.72	0.01
7920.00	0.27	170.98	7900.74	-277.55	143.16	-277.55	312.29	152.72	0.03
7921.00	0.26	171.00	7901.74	-277.55	143.16	-277.55	312.30	152.72	0.18
7922.00	0.26	171.03	7902.74	-277.55	143.16	-277.55	312.30	152.72	0.18
7923.00	0.26	171.51	7903.74	-277.56	143.16	-277.56	312.30	152.72	0.29
7924.00	0.26	172.45	7904.74	-277.56	143.16	-277.56	312.31	152.72	0.47
7925.00	0.26	173.20	7905.74	-277.57	143.16	-277.57	312.31	152.72	0.38
7926.00	0.25	173.83	7906.74	-277.57	143.16	-277.57	312.32	152.72	0.33
7927.00	0.25	174.13	7907.74	-277.58	143.16	-277.58	312.32	152.72	0.14
7928.00	0.25	174.29	7908.74	-277.58	143.16	-277.58	312.32	152.72	0.07
7929.00	0.25	174.31	7909.74	-277.59	143.16	-277.59	312.33	152.72	0.08
7930.00	0.25	174.23	7910.74	-277.59	143.16	-277.59	312.33	152.72	0.16
7931.00	0.25	174.19	7911.74	-277.59	143.16	-277.59	312.34	152.72	0.20
7932.00	0.25	174.21	7912.74	-277.60	143.16	-277.60	312.34	152.72	0.26
7933.00	0.24	174.23	7913.74	-277.60	143.16	-277.60	312.35	152.72	0.24
7934.00	0.24	174.28	7914.74	-277.61	143.16	-277.61	312.35	152.72	0.15
7935.00	0.24	174.32	7915.74	-277.61	143.17	-277.61	312.35	152.72	0.15
7936.00	0.24	174.24	7916.74	-277.62	143.17	-277.62	312.36	152.72	0.25
7937.00	0.24	174.16	7917.74	-277.62	143.17	-277.62	312.36	152.72	0.25

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7938.00	0.24	174.18	7918.74	-277.62	143.17	-277.62	312.36	152.72	0.01
7939.00	0.24	174.28	7919.74	-277.63	143.17	-277.63	312.37	152.72	0.05
7940.00	0.23	175.07	7920.74	-277.63	143.17	-277.63	312.37	152.72	0.42
7941.00	0.23	175.87	7921.74	-277.64	143.17	-277.64	312.38	152.72	0.41
7942.00	0.23	176.32	7922.74	-277.64	143.17	-277.64	312.38	152.72	0.28
7943.00	0.23	176.73	7923.74	-277.64	143.17	-277.64	312.38	152.72	0.27
7944.00	0.23	176.86	7924.74	-277.65	143.17	-277.65	312.39	152.72	0.20
7945.00	0.22	176.81	7925.74	-277.65	143.17	-277.65	312.39	152.72	0.18
7946.00	0.22	176.68	7926.74	-277.66	143.17	-277.66	312.39	152.72	0.15
7947.00	0.22	176.44	7927.74	-277.66	143.17	-277.66	312.40	152.72	0.13
7948.00	0.22	176.19	7928.74	-277.66	143.17	-277.66	312.40	152.72	0.12
7949.00	0.22	175.95	7929.74	-277.67	143.17	-277.67	312.40	152.72	0.11
7950.00	0.22	175.48	7930.74	-277.67	143.17	-277.67	312.41	152.72	0.27
7951.00	0.21	174.78	7931.74	-277.68	143.17	-277.68	312.41	152.72	0.44
7952.00	0.21	174.12	7932.74	-277.68	143.17	-277.68	312.42	152.72	0.36
7953.00	0.21	173.62	7933.74	-277.68	143.17	-277.68	312.42	152.72	0.21
7954.00	0.21	173.12	7934.74	-277.69	143.17	-277.69	312.42	152.72	0.21
7955.00	0.22	172.91	7935.74	-277.69	143.17	-277.69	312.43	152.73	0.60
7956.00	0.22	172.70	7936.74	-277.69	143.17	-277.69	312.43	152.73	0.39
7957.00	0.22	172.52	7937.74	-277.70	143.17	-277.70	312.43	152.73	0.13
7958.00	0.22	172.34	7938.74	-277.70	143.17	-277.70	312.44	152.73	0.13
7959.00	0.22	172.01	7939.74	-277.71	143.17	-277.71	312.44	152.73	0.16
7960.00	0.22	171.65	7940.74	-277.71	143.17	-277.71	312.44	152.73	0.17
7961.00	0.22	171.42	7941.74	-277.71	143.17	-277.71	312.45	152.73	0.17
7962.00	0.22	171.21	7942.74	-277.72	143.18	-277.72	312.45	152.73	0.22
7963.00	0.23	170.96	7943.74	-277.72	143.18	-277.72	312.45	152.73	0.35
7964.00	0.23	170.68	7944.74	-277.72	143.18	-277.72	312.46	152.73	0.48
7965.00	0.23	170.20	7945.74	-277.73	143.18	-277.73	312.46	152.73	0.43
7966.00	0.23	168.98	7946.74	-277.73	143.18	-277.73	312.47	152.73	0.50
7967.00	0.24	167.76	7947.74	-277.74	143.18	-277.74	312.47	152.73	0.51
7968.00	0.24	166.58	7948.74	-277.74	143.18	-277.74	312.47	152.73	0.56
7969.00	0.24	165.44	7949.74	-277.74	143.18	-277.74	312.48	152.73	0.55
7970.00	0.24	164.66	7950.74	-277.75	143.18	-277.75	312.48	152.73	0.42
7971.00	0.25	163.87	7951.74	-277.75	143.18	-277.75	312.49	152.73	0.42
7972.00	0.25	163.72	7952.74	-277.76	143.18	-277.76	312.49	152.73	0.12
7973.00	0.25	163.58	7953.74	-277.76	143.19	-277.76	312.50	152.73	0.12
7974.00	0.25	163.27	7954.74	-277.77	143.19	-277.77	312.50	152.73	0.23
7975.00	0.25	162.92	7955.74	-277.77	143.19	-277.77	312.50	152.73	0.25
7976.00	0.25	162.09	7956.74	-277.77	143.19	-277.77	312.51	152.73	0.40
7977.00	0.25	160.77	7957.74	-277.78	143.19	-277.78	312.51	152.73	0.59

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
7978.00	0.25	160.36	7958.74	-277.78	143.19	-277.78	312.52	152.73	0.23
7979.00	0.25	160.04	7959.74	-277.79	143.19	-277.79	312.52	152.73	0.21
7980.00	0.25	159.72	7960.74	-277.79	143.20	-277.79	312.53	152.73	0.14
7981.00	0.25	159.40	7961.74	-277.79	143.20	-277.79	312.53	152.73	0.17
7982.00	0.25	158.63	7962.74	-277.80	143.20	-277.80	312.53	152.73	0.43
7983.00	0.26	157.55	7963.74	-277.80	143.20	-277.80	312.54	152.73	0.61
7984.00	0.26	157.19	7964.74	-277.81	143.20	-277.81	312.54	152.73	0.22
7985.00	0.26	157.32	7965.74	-277.81	143.20	-277.81	312.55	152.73	0.06
7986.00	0.26	157.44	7966.74	-277.82	143.21	-277.82	312.55	152.73	0.06
7987.00	0.26	157.57	7967.74	-277.82	143.21	-277.82	312.56	152.73	0.06
7988.00	0.26	157.69	7968.74	-277.82	143.21	-277.82	312.56	152.73	0.06
7989.00	0.26	157.82	7969.74	-277.83	143.21	-277.83	312.57	152.73	0.06
7990.00	0.26	157.94	7970.74	-277.83	143.21	-277.83	312.57	152.73	0.06
7991.00	0.26	158.07	7971.74	-277.84	143.21	-277.84	312.58	152.73	0.06
7992.00	0.26	158.19	7972.74	-277.84	143.22	-277.84	312.58	152.73	0.06
7993.00	0.26	158.32	7973.74	-277.84	143.22	-277.84	312.58	152.73	0.06
7994.00	0.26	158.44	7974.74	-277.85	143.22	-277.85	312.59	152.73	0.06
7995.00	0.26	158.57	7975.74	-277.85	143.22	-277.85	312.59	152.73	0.06
7996.00	0.26	158.69	7976.74	-277.86	143.22	-277.86	312.60	152.73	0.06
7997.00	0.26	158.82	7977.74	-277.86	143.22	-277.86	312.60	152.73	0.06
7998.00	0.26	158.94	7978.74	-277.87	143.23	-277.87	312.61	152.73	0.06
7999.00	0.26	159.07	7979.74	-277.87	143.23	-277.87	312.61	152.73	0.06
8000.00	0.26	159.19	7980.74	-277.87	143.23	-277.87	312.62	152.73	0.06
8001.00	0.26	159.32	7981.74	-277.88	143.23	-277.88	312.62	152.73	0.06
8002.00	0.26	159.44	7982.74	-277.88	143.23	-277.88	312.62	152.73	0.06
8003.00	0.26	159.57	7983.74	-277.89	143.23	-277.89	312.63	152.73	0.06
8004.00	0.26	159.70	7984.74	-277.89	143.24	-277.89	312.63	152.73	0.06
8005.00	0.26	159.82	7985.74	-277.90	143.24	-277.90	312.64	152.73	0.06
8006.00	0.26	159.95	7986.74	-277.90	143.24	-277.90	312.64	152.73	0.06
8007.00	0.26	160.07	7987.74	-277.90	143.24	-277.90	312.65	152.73	0.06
8008.00	0.26	160.20	7988.74	-277.91	143.24	-277.91	312.65	152.73	0.06
8009.00	0.26	160.32	7989.74	-277.91	143.24	-277.91	312.66	152.73	0.06
8010.00	0.26	160.45	7990.74	-277.92	143.24	-277.92	312.66	152.73	0.06
8011.00	0.26	160.57	7991.74	-277.92	143.25	-277.92	312.67	152.73	0.06
8012.00	0.26	160.70	7992.74	-277.93	143.25	-277.93	312.67	152.73	0.06
8013.00	0.26	160.82	7993.74	-277.93	143.25	-277.93	312.67	152.73	0.06
8014.00	0.26	160.95	7994.74	-277.93	143.25	-277.93	312.68	152.73	0.06
8015.00	0.26	161.07	7995.74	-277.94	143.25	-277.94	312.68	152.73	0.06
8016.00	0.26	161.20	7996.74	-277.94	143.25	-277.94	312.69	152.73	0.06
8017.00	0.26	161.32	7997.74	-277.95	143.26	-277.95	312.69	152.73	0.06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8018.00	0.26	161.39	7998.74	-277.95	143.26	-277.95	312.70	152.73	0.04
8019.00	0.26	161.24	7999.74	-277.96	143.26	-277.96	312.70	152.73	0.15
8020.00	0.26	161.10	8000.74	-277.96	143.26	-277.96	312.71	152.73	0.15
8021.00	0.26	161.02	8001.74	-277.96	143.26	-277.96	312.71	152.73	0.11
8022.00	0.26	161.61	8002.74	-277.97	143.26	-277.97	312.72	152.73	0.32
8023.00	0.26	162.13	8003.74	-277.97	143.26	-277.97	312.72	152.73	0.28
8024.00	0.26	162.06	8004.74	-277.98	143.27	-277.98	312.72	152.73	0.06
8025.00	0.26	161.98	8005.74	-277.98	143.27	-277.98	312.73	152.73	0.06
8026.00	0.26	161.74	8006.74	-277.99	143.27	-277.99	312.73	152.73	0.21
8027.00	0.26	161.45	8007.74	-277.99	143.27	-277.99	312.74	152.73	0.25
8028.00	0.26	160.94	8008.74	-277.99	143.27	-277.99	312.74	152.73	0.24
8029.00	0.26	160.20	8009.74	-278.00	143.27	-278.00	312.75	152.73	0.34
8030.00	0.26	159.27	8010.74	-278.00	143.27	-278.00	312.75	152.73	0.42
8031.00	0.26	158.04	8011.74	-278.01	143.28	-278.01	312.76	152.73	0.56
8032.00	0.25	158.20	8012.74	-278.01	143.28	-278.01	312.76	152.74	0.11
8033.00	0.25	159.75	8013.74	-278.02	143.28	-278.02	312.76	152.74	0.69
8034.00	0.25	160.75	8014.74	-278.02	143.28	-278.02	312.77	152.74	0.44
8035.00	0.25	160.92	8015.74	-278.02	143.28	-278.02	312.77	152.74	0.08
8036.00	0.25	161.10	8016.74	-278.03	143.28	-278.03	312.78	152.74	0.08
8037.00	0.25	161.46	8017.74	-278.03	143.28	-278.03	312.78	152.74	0.16
8038.00	0.25	161.82	8018.74	-278.04	143.29	-278.04	312.79	152.74	0.16
8039.00	0.25	162.23	8019.74	-278.04	143.29	-278.04	312.79	152.74	0.30
8040.00	0.25	162.66	8020.74	-278.05	143.29	-278.05	312.80	152.74	0.35
8041.00	0.25	162.98	8021.74	-278.05	143.29	-278.05	312.80	152.74	0.32
8042.00	0.24	163.28	8022.74	-278.05	143.29	-278.05	312.80	152.74	0.31
8043.00	0.24	163.25	8023.74	-278.06	143.29	-278.06	312.81	152.74	0.18
8044.00	0.24	163.14	8024.74	-278.06	143.29	-278.06	312.81	152.74	0.16
8045.00	0.24	163.42	8025.74	-278.07	143.29	-278.07	312.82	152.74	0.28
8046.00	0.23	163.96	8026.74	-278.07	143.30	-278.07	312.82	152.74	0.40
8047.00	0.23	164.39	8027.74	-278.07	143.30	-278.07	312.82	152.74	0.29
8048.00	0.23	164.65	8028.74	-278.08	143.30	-278.08	312.83	152.74	0.13
8049.00	0.23	164.92	8029.74	-278.08	143.30	-278.08	312.83	152.74	0.12
8050.00	0.23	165.25	8030.74	-278.08	143.30	-278.08	312.84	152.74	0.23
8051.00	0.23	165.72	8031.74	-278.09	143.30	-278.09	312.84	152.74	0.21
8052.00	0.23	166.40	8032.74	-278.09	143.30	-278.09	312.84	152.74	0.30
8053.00	0.23	167.13	8033.74	-278.10	143.30	-278.10	312.85	152.74	0.30
8054.00	0.23	168.23	8034.74	-278.10	143.30	-278.10	312.85	152.74	0.49
8055.00	0.24	169.33	8035.74	-278.10	143.30	-278.10	312.86	152.74	0.50
8056.00	0.23	168.14	8036.74	-278.11	143.31	-278.11	312.86	152.74	0.49
8057.00	0.23	166.79	8037.74	-278.11	143.31	-278.11	312.86	152.74	0.56

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8058.00	0.23	165.79	8038.74	-278.12	143.31	-278.12	312.87	152.74	0.41
8059.00	0.23	164.80	8039.74	-278.12	143.31	-278.12	312.87	152.74	0.41
8060.00	0.23	163.74	8040.74	-278.12	143.31	-278.12	312.88	152.74	0.44
8061.00	0.24	162.58	8041.74	-278.13	143.31	-278.13	312.88	152.74	0.48
8062.00	0.24	161.50	8042.74	-278.13	143.31	-278.13	312.88	152.74	0.46
8063.00	0.24	160.50	8043.74	-278.14	143.31	-278.14	312.89	152.74	0.46
8064.00	0.24	159.83	8044.74	-278.14	143.31	-278.14	312.89	152.74	0.36
8065.00	0.24	159.37	8045.74	-278.14	143.32	-278.14	312.90	152.74	0.30
8066.00	0.24	159.05	8046.74	-278.15	143.32	-278.15	312.90	152.74	0.15
8067.00	0.24	158.89	8047.74	-278.15	143.32	-278.15	312.90	152.74	0.14
8068.00	0.24	158.13	8048.74	-278.16	143.32	-278.16	312.91	152.74	0.34
8069.00	0.25	156.99	8049.74	-278.16	143.32	-278.16	312.91	152.74	0.57
8070.00	0.25	155.85	8050.74	-278.16	143.32	-278.16	312.92	152.74	0.58
8071.00	0.25	156.13	8051.74	-278.17	143.33	-278.17	312.92	152.74	0.36
8072.00	0.26	156.21	8052.74	-278.17	143.33	-278.17	312.93	152.74	0.22
8073.00	0.26	155.98	8053.74	-278.18	143.33	-278.18	312.93	152.74	0.11
8074.00	0.26	155.91	8054.74	-278.18	143.33	-278.18	312.93	152.74	0.08
8075.00	0.26	156.43	8055.74	-278.18	143.33	-278.18	312.94	152.74	0.27
8076.00	0.26	156.96	8056.74	-278.19	143.34	-278.19	312.94	152.74	0.28
8077.00	0.26	157.19	8057.74	-278.19	143.34	-278.19	312.95	152.74	0.28
8078.00	0.25	157.42	8058.74	-278.20	143.34	-278.20	312.95	152.74	0.28
8079.00	0.25	157.50	8059.74	-278.20	143.34	-278.20	312.96	152.74	0.05
8080.00	0.25	157.55	8060.74	-278.21	143.34	-278.21	312.96	152.74	0.03
8081.00	0.25	157.65	8061.74	-278.21	143.34	-278.21	312.97	152.74	0.05
8082.00	0.25	157.78	8062.74	-278.21	143.35	-278.21	312.97	152.74	0.07
8083.00	0.25	157.94	8063.74	-278.22	143.35	-278.22	312.97	152.74	0.14
8084.00	0.25	158.13	8064.74	-278.22	143.35	-278.22	312.98	152.74	0.26
8085.00	0.25	158.68	8065.74	-278.23	143.35	-278.23	312.98	152.74	0.32
8086.00	0.25	159.39	8066.74	-278.23	143.35	-278.23	312.99	152.74	0.37
8087.00	0.24	160.04	8067.74	-278.23	143.35	-278.23	312.99	152.74	0.31
8088.00	0.24	160.63	8068.74	-278.24	143.35	-278.24	313.00	152.74	0.26
8089.00	0.24	161.01	8069.74	-278.24	143.36	-278.24	313.00	152.74	0.17
8090.00	0.24	160.89	8070.74	-278.25	143.36	-278.25	313.00	152.74	0.06
8091.00	0.24	160.92	8071.74	-278.25	143.36	-278.25	313.01	152.74	0.01
8092.00	0.24	161.15	8072.74	-278.25	143.36	-278.25	313.01	152.74	0.11
8093.00	0.24	161.39	8073.74	-278.26	143.36	-278.26	313.02	152.74	0.11
8094.00	0.24	161.67	8074.74	-278.26	143.36	-278.26	313.02	152.74	0.14
8095.00	0.24	161.96	8075.74	-278.27	143.36	-278.27	313.03	152.74	0.15
8096.00	0.24	162.04	8076.74	-278.27	143.37	-278.27	313.03	152.74	0.03
8097.00	0.24	162.01	8077.74	-278.27	143.37	-278.27	313.03	152.74	0.03

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8098.00	0.24	161.73	8078.74	-278.28	143.37	-278.28	313.04	152.74	0.25
8099.00	0.24	161.34	8079.74	-278.28	143.37	-278.28	313.04	152.74	0.37
8100.00	0.24	161.32	8080.74	-278.29	143.37	-278.29	313.05	152.74	0.07
8101.00	0.24	161.38	8081.74	-278.29	143.37	-278.29	313.05	152.74	0.17
8102.00	0.24	160.81	8082.74	-278.29	143.37	-278.29	313.05	152.74	0.24
8103.00	0.24	160.08	8083.74	-278.30	143.37	-278.30	313.06	152.74	0.31
8104.00	0.24	160.01	8084.74	-278.30	143.38	-278.30	313.06	152.74	0.13
8105.00	0.23	160.03	8085.74	-278.30	143.38	-278.30	313.07	152.74	0.13
8106.00	0.23	160.66	8086.74	-278.31	143.38	-278.31	313.07	152.74	0.28
8107.00	0.23	161.46	8087.74	-278.31	143.38	-278.31	313.07	152.74	0.34
8108.00	0.23	162.12	8088.74	-278.32	143.38	-278.32	313.08	152.74	0.27
8109.00	0.23	162.69	8089.74	-278.32	143.38	-278.32	313.08	152.74	0.25
8110.00	0.23	163.30	8090.74	-278.32	143.38	-278.32	313.09	152.74	0.26
8111.00	0.23	163.97	8091.74	-278.33	143.39	-278.33	313.09	152.74	0.38
8112.00	0.23	164.80	8092.74	-278.33	143.39	-278.33	313.09	152.74	0.42
8113.00	0.23	166.01	8093.74	-278.34	143.39	-278.34	313.10	152.74	0.52
8114.00	0.22	167.28	8094.74	-278.34	143.39	-278.34	313.10	152.74	0.54
8115.00	0.22	168.69	8095.74	-278.34	143.39	-278.34	313.11	152.74	0.58
8116.00	0.22	170.06	8096.74	-278.35	143.39	-278.35	313.11	152.74	0.60
8117.00	0.21	171.36	8097.74	-278.35	143.39	-278.35	313.11	152.75	0.64
8118.00	0.21	172.49	8098.74	-278.35	143.39	-278.35	313.12	152.75	0.57
8119.00	0.21	173.19	8099.74	-278.36	143.39	-278.36	313.12	152.75	0.45
8120.00	0.20	173.91	8100.74	-278.36	143.39	-278.36	313.12	152.75	0.44
8121.00	0.20	174.90	8101.74	-278.37	143.39	-278.37	313.13	152.75	0.37
8122.00	0.20	175.89	8102.74	-278.37	143.39	-278.37	313.13	152.75	0.37
8123.00	0.20	177.19	8103.74	-278.37	143.39	-278.37	313.13	152.75	0.49
8124.00	0.20	178.53	8104.74	-278.38	143.39	-278.38	313.14	152.75	0.50
8125.00	0.20	179.39	8105.74	-278.38	143.39	-278.38	313.14	152.75	0.32
8126.00	0.20	180.13	8106.74	-278.38	143.39	-278.38	313.14	152.75	0.28
8127.00	0.19	180.85	8107.74	-278.39	143.39	-278.39	313.15	152.75	0.43
8128.00	0.19	181.55	8108.74	-278.39	143.39	-278.39	313.15	152.75	0.48
8129.00	0.19	181.31	8109.74	-278.39	143.39	-278.39	313.15	152.75	0.13
8130.00	0.19	180.83	8110.74	-278.40	143.39	-278.40	313.15	152.75	0.28
8131.00	0.19	180.65	8111.74	-278.40	143.39	-278.40	313.16	152.75	0.09
8132.00	0.19	180.66	8112.74	-278.40	143.39	-278.40	313.16	152.75	0.05
8133.00	0.19	180.69	8113.74	-278.41	143.39	-278.41	313.16	152.75	0.07
8134.00	0.19	180.75	8114.74	-278.41	143.39	-278.41	313.17	152.75	0.10
8135.00	0.19	180.62	8115.74	-278.41	143.39	-278.41	313.17	152.75	0.05
8136.00	0.19	179.71	8116.74	-278.42	143.39	-278.42	313.17	152.75	0.41
8137.00	0.19	178.70	8117.74	-278.42	143.39	-278.42	313.17	152.75	0.41

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8138.00	0.19	177.26	8118.74	-278.42	143.39	-278.42	313.18	152.75	0.49
8139.00	0.20	175.97	8119.74	-278.43	143.39	-278.43	313.18	152.75	0.44
8140.00	0.20	175.05	8120.74	-278.43	143.39	-278.43	313.18	152.75	0.31
8141.00	0.20	174.39	8121.74	-278.43	143.39	-278.43	313.19	152.75	0.23
8142.00	0.20	174.33	8122.74	-278.44	143.39	-278.44	313.19	152.75	0.02
8143.00	0.20	174.28	8123.74	-278.44	143.39	-278.44	313.19	152.75	0.02
8144.00	0.20	175.41	8124.74	-278.44	143.39	-278.44	313.20	152.75	0.39
8145.00	0.20	176.67	8125.74	-278.45	143.39	-278.45	313.20	152.75	0.44
8146.00	0.20	176.97	8126.74	-278.45	143.39	-278.45	313.20	152.75	0.17
8147.00	0.19	176.94	8127.74	-278.45	143.39	-278.45	313.21	152.75	0.20
8148.00	0.19	177.55	8128.74	-278.46	143.39	-278.46	313.21	152.75	0.21
8149.00	0.19	178.17	8129.74	-278.46	143.40	-278.46	313.21	152.75	0.21
8150.00	0.19	179.41	8130.74	-278.46	143.40	-278.46	313.22	152.75	0.42
8151.00	0.19	181.07	8131.74	-278.47	143.40	-278.47	313.22	152.75	0.57
8152.00	0.19	182.72	8132.74	-278.47	143.40	-278.47	313.22	152.75	0.56
8153.00	0.19	184.37	8133.74	-278.47	143.39	-278.47	313.22	152.75	0.56
8154.00	0.19	185.97	8134.74	-278.48	143.39	-278.48	313.23	152.75	0.55
8155.00	0.19	187.53	8135.74	-278.48	143.39	-278.48	313.23	152.76	0.55
8156.00	0.19	189.05	8136.74	-278.48	143.39	-278.48	313.23	152.76	0.52
8157.00	0.19	190.50	8137.74	-278.49	143.39	-278.49	313.24	152.76	0.48
8158.00	0.19	191.99	8138.74	-278.49	143.39	-278.49	313.24	152.76	0.50
8159.00	0.19	193.51	8139.74	-278.49	143.39	-278.49	313.24	152.76	0.52
8160.00	0.19	195.04	8140.74	-278.50	143.39	-278.50	313.24	152.76	0.52
8161.00	0.18	197.51	8141.74	-278.50	143.39	-278.50	313.25	152.76	0.83
8162.00	0.18	200.09	8142.74	-278.50	143.39	-278.50	313.25	152.76	0.86
8163.00	0.18	201.60	8143.74	-278.51	143.39	-278.51	313.25	152.76	0.51
8164.00	0.18	203.11	8144.74	-278.51	143.39	-278.51	313.25	152.76	0.51
8165.00	0.18	204.58	8145.74	-278.51	143.39	-278.51	313.25	152.76	0.48
8166.00	0.18	206.05	8146.74	-278.51	143.38	-278.51	313.26	152.76	0.48
8167.00	0.18	207.45	8147.74	-278.52	143.38	-278.52	313.26	152.76	0.46
8168.00	0.18	208.64	8148.74	-278.52	143.38	-278.52	313.26	152.76	0.39
8169.00	0.18	207.92	8149.74	-278.52	143.38	-278.52	313.26	152.76	0.24
8170.00	0.18	207.19	8150.74	-278.53	143.38	-278.53	313.26	152.76	0.24
8171.00	0.18	206.59	8151.74	-278.53	143.38	-278.53	313.26	152.76	0.20
8172.00	0.18	206.09	8152.74	-278.53	143.38	-278.53	313.27	152.76	0.16
8173.00	0.19	206.09	8153.74	-278.53	143.37	-278.53	313.27	152.76	0.26
8174.00	0.19	206.85	8154.74	-278.54	143.37	-278.54	313.27	152.76	0.66
8175.00	0.19	206.94	8155.74	-278.54	143.37	-278.54	313.27	152.76	0.12
8176.00	0.19	206.59	8156.74	-278.54	143.37	-278.54	313.27	152.76	0.25
8177.00	0.19	206.32	8157.74	-278.55	143.37	-278.55	313.28	152.77	0.09

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8178.00	0.19	206.18	8158.74	-278.55	143.37	-278.55	313.28	152.77	0.29
8179.00	0.20	206.73	8159.74	-278.55	143.36	-278.55	313.28	152.77	0.35
8180.00	0.20	207.75	8160.74	-278.55	143.36	-278.55	313.28	152.77	0.47
8181.00	0.20	208.77	8161.74	-278.56	143.36	-278.56	313.28	152.77	0.47
8182.00	0.20	209.91	8162.74	-278.56	143.36	-278.56	313.29	152.77	0.42
8183.00	0.20	211.04	8163.74	-278.56	143.36	-278.56	313.29	152.77	0.42
8184.00	0.21	209.16	8164.74	-278.57	143.36	-278.57	313.29	152.77	0.70
8185.00	0.21	206.52	8165.74	-278.57	143.35	-278.57	313.29	152.77	0.97
8186.00	0.21	207.33	8166.74	-278.57	143.35	-278.57	313.29	152.77	0.42
8187.00	0.21	208.53	8167.74	-278.58	143.35	-278.58	313.30	152.77	0.54
8188.00	0.21	208.31	8168.74	-278.58	143.35	-278.58	313.30	152.77	0.13
8189.00	0.22	207.92	8169.74	-278.58	143.35	-278.58	313.30	152.77	0.16
8190.00	0.22	207.12	8170.74	-278.59	143.35	-278.59	313.30	152.77	0.32
8191.00	0.22	206.38	8171.74	-278.59	143.34	-278.59	313.31	152.77	0.30
8192.00	0.22	207.07	8172.74	-278.59	143.34	-278.59	313.31	152.77	0.36
8193.00	0.22	207.75	8173.74	-278.60	143.34	-278.60	313.31	152.77	0.36
8194.00	0.23	208.56	8174.74	-278.60	143.34	-278.60	313.31	152.77	0.40
8195.00	0.23	209.56	8175.74	-278.60	143.34	-278.60	313.31	152.77	0.46
8196.00	0.23	211.02	8176.74	-278.61	143.33	-278.61	313.32	152.78	0.58
8197.00	0.23	212.60	8177.74	-278.61	143.33	-278.61	313.32	152.78	0.63
8198.00	0.23	215.04	8178.74	-278.61	143.33	-278.61	313.32	152.78	1.00
8199.00	0.23	218.05	8179.74	-278.62	143.33	-278.62	313.32	152.78	1.29
8200.00	0.24	221.27	8180.74	-278.62	143.33	-278.62	313.32	152.78	1.34
8201.00	0.24	224.71	8181.74	-278.62	143.32	-278.62	313.32	152.78	1.42
8202.00	0.24	227.59	8182.74	-278.63	143.32	-278.63	313.33	152.78	1.19
8203.00	0.24	229.93	8183.74	-278.63	143.32	-278.63	313.33	152.78	0.97
8204.00	0.24	231.97	8184.74	-278.63	143.31	-278.63	313.33	152.78	0.84
8205.00	0.24	233.81	8185.74	-278.63	143.31	-278.63	313.33	152.78	0.77
8206.00	0.24	235.65	8186.74	-278.64	143.31	-278.64	313.33	152.78	0.78
8207.00	0.24	239.11	8187.74	-278.64	143.30	-278.64	313.33	152.78	1.49
8208.00	0.25	242.72	8188.74	-278.64	143.30	-278.64	313.33	152.78	1.58
8209.00	0.25	243.97	8189.74	-278.64	143.30	-278.64	313.33	152.78	0.57
8210.00	0.25	245.22	8190.74	-278.64	143.29	-278.64	313.33	152.79	0.58
8211.00	0.25	246.38	8191.74	-278.65	143.29	-278.65	313.33	152.79	0.51
8212.00	0.25	247.53	8192.74	-278.65	143.28	-278.65	313.33	152.79	0.51
8213.00	0.25	250.23	8193.74	-278.65	143.28	-278.65	313.33	152.79	1.25
8214.00	0.26	253.33	8194.74	-278.65	143.28	-278.65	313.33	152.79	1.46
8215.00	0.26	256.05	8195.74	-278.65	143.27	-278.65	313.33	152.79	1.25
8216.00	0.26	258.68	8196.74	-278.65	143.27	-278.65	313.33	152.79	1.21
8217.00	0.27	260.56	8197.74	-278.65	143.26	-278.65	313.32	152.79	0.91

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8218.00	0.27	262.26	8198.74	-278.65	143.26	-278.65	313.32	152.79	0.85
8219.00	0.27	263.75	8199.74	-278.66	143.25	-278.66	313.32	152.79	0.72
8220.00	0.27	265.11	8200.74	-278.66	143.25	-278.66	313.32	152.79	0.64
8221.00	0.27	267.99	8201.74	-278.66	143.24	-278.66	313.32	152.79	1.36
8222.00	0.27	273.16	8202.74	-278.66	143.24	-278.66	313.32	152.80	2.46
8223.00	0.27	278.08	8203.74	-278.66	143.23	-278.66	313.31	152.80	2.35
8224.00	0.28	280.80	8204.74	-278.65	143.23	-278.65	313.31	152.80	1.34
8225.00	0.28	283.49	8205.74	-278.65	143.22	-278.65	313.31	152.80	1.35
8226.00	0.28	286.01	8206.74	-278.65	143.22	-278.65	313.30	152.80	1.25
8227.00	0.28	288.57	8207.74	-278.65	143.21	-278.65	313.30	152.80	1.30
8228.00	0.29	291.32	8208.74	-278.65	143.21	-278.65	313.30	152.80	1.47
8229.00	0.29	293.55	8209.74	-278.65	143.21	-278.65	313.29	152.80	1.23
8230.00	0.30	294.60	8210.74	-278.65	143.20	-278.65	313.29	152.80	0.61
8231.00	0.30	295.65	8211.74	-278.64	143.20	-278.64	313.28	152.80	0.61
8232.00	0.30	297.63	8212.74	-278.64	143.19	-278.64	313.28	152.80	1.10
8233.00	0.31	299.70	8213.74	-278.64	143.19	-278.64	313.28	152.80	1.16
8234.00	0.31	302.28	8214.74	-278.64	143.18	-278.64	313.27	152.80	1.49
8235.00	0.32	305.07	8215.74	-278.63	143.18	-278.63	313.27	152.80	1.65
8236.00	0.32	306.54	8216.74	-278.63	143.17	-278.63	313.26	152.80	0.84
8237.00	0.32	307.12	8217.74	-278.63	143.17	-278.63	313.26	152.80	0.33
8238.00	0.32	308.37	8218.74	-278.62	143.16	-278.62	313.25	152.80	0.76
8239.00	0.33	310.08	8219.74	-278.62	143.16	-278.62	313.25	152.81	1.10
8240.00	0.33	310.54	8220.74	-278.62	143.16	-278.62	313.24	152.81	0.34
8241.00	0.33	310.47	8221.74	-278.61	143.15	-278.61	313.24	152.81	0.10
8242.00	0.33	311.08	8222.74	-278.61	143.15	-278.61	313.23	152.81	0.39
8243.00	0.33	312.39	8223.74	-278.60	143.14	-278.60	313.22	152.81	0.79
8244.00	0.34	313.69	8224.74	-278.60	143.14	-278.60	313.22	152.81	0.79
8245.00	0.34	313.75	8225.74	-278.60	143.13	-278.60	313.21	152.81	0.32
8246.00	0.34	313.52	8226.74	-278.59	143.13	-278.59	313.21	152.81	0.35
8247.00	0.34	311.86	8227.74	-278.59	143.12	-278.59	313.20	152.81	1.00
8248.00	0.35	310.33	8228.74	-278.58	143.12	-278.58	313.20	152.81	0.93
8249.00	0.35	309.99	8229.74	-278.58	143.12	-278.58	313.19	152.81	0.24
8250.00	0.35	309.66	8230.74	-278.58	143.11	-278.58	313.19	152.81	0.23
8251.00	0.35	309.34	8231.74	-278.57	143.11	-278.57	313.18	152.81	0.21
8252.00	0.35	309.06	8232.74	-278.57	143.10	-278.57	313.17	152.81	0.19
8253.00	0.35	309.09	8233.74	-278.56	143.10	-278.56	313.17	152.81	0.04
8254.00	0.35	309.11	8234.74	-278.56	143.09	-278.56	313.16	152.81	0.04
8255.00	0.35	309.51	8235.74	-278.56	143.09	-278.56	313.16	152.81	0.24
8256.00	0.35	309.95	8236.74	-278.55	143.08	-278.55	313.15	152.81	0.27
8257.00	0.35	310.18	8237.74	-278.55	143.08	-278.55	313.15	152.81	0.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8258.00	0.34	310.26	8238.74	-278.54	143.07	-278.54	313.14	152.81	0.09
8259.00	0.35	310.45	8239.74	-278.54	143.07	-278.54	313.14	152.81	0.13
8260.00	0.35	310.78	8240.74	-278.54	143.06	-278.54	313.13	152.81	0.33
8261.00	0.35	311.33	8241.74	-278.53	143.06	-278.53	313.12	152.81	0.36
8262.00	0.35	312.11	8242.74	-278.53	143.06	-278.53	313.12	152.81	0.47
8263.00	0.35	312.88	8243.74	-278.52	143.05	-278.52	313.11	152.81	0.47
8264.00	0.35	314.93	8244.74	-278.52	143.05	-278.52	313.11	152.82	1.27
8265.00	0.35	316.91	8245.74	-278.52	143.04	-278.52	313.10	152.82	1.24
8266.00	0.36	318.80	8246.74	-278.51	143.04	-278.51	313.10	152.82	1.21
8267.00	0.36	320.54	8247.74	-278.51	143.03	-278.51	313.09	152.82	1.11
8268.00	0.36	321.71	8248.74	-278.50	143.03	-278.50	313.08	152.82	0.73
8269.00	0.36	322.87	8249.74	-278.50	143.03	-278.50	313.08	152.82	0.73
8270.00	0.36	324.80	8250.74	-278.49	143.02	-278.49	313.07	152.82	1.23
8271.00	0.36	326.92	8251.74	-278.49	143.02	-278.49	313.06	152.82	1.37
8272.00	0.37	327.73	8252.74	-278.48	143.02	-278.48	313.06	152.82	0.60
8273.00	0.37	328.40	8253.74	-278.48	143.01	-278.48	313.05	152.82	0.52
8274.00	0.37	329.52	8254.74	-278.47	143.01	-278.47	313.05	152.82	0.80
8275.00	0.38	331.08	8255.74	-278.46	143.01	-278.46	313.04	152.82	1.09
8276.00	0.38	332.41	8256.74	-278.46	143.00	-278.46	313.03	152.82	0.92
8277.00	0.38	333.19	8257.74	-278.45	143.00	-278.45	313.03	152.82	0.52
8278.00	0.38	333.55	8258.74	-278.45	143.00	-278.45	313.02	152.82	0.29
8279.00	0.38	333.74	8259.74	-278.44	142.99	-278.44	313.01	152.82	0.24
8280.00	0.39	334.14	8260.74	-278.44	142.99	-278.44	313.01	152.82	0.34
8281.00	0.39	334.74	8261.74	-278.43	142.99	-278.43	313.00	152.82	0.47
8282.00	0.39	335.59	8262.74	-278.42	142.98	-278.42	312.99	152.82	0.61
8283.00	0.39	337.03	8263.74	-278.42	142.98	-278.42	312.98	152.82	0.98
8284.00	0.39	338.35	8264.74	-278.41	142.98	-278.41	312.98	152.82	0.92
8285.00	0.40	339.50	8265.74	-278.40	142.98	-278.40	312.97	152.82	0.87
8286.00	0.40	340.30	8266.74	-278.40	142.97	-278.40	312.96	152.82	0.63
8287.00	0.40	340.56	8267.74	-278.39	142.97	-278.39	312.96	152.82	0.29
8288.00	0.40	340.83	8268.74	-278.38	142.97	-278.38	312.95	152.82	0.29
8289.00	0.40	340.82	8269.74	-278.38	142.97	-278.38	312.94	152.82	0.05
8290.00	0.40	340.69	8270.74	-278.37	142.97	-278.37	312.94	152.82	0.09
8291.00	0.41	342.04	8271.74	-278.36	142.96	-278.36	312.93	152.82	0.96
8292.00	0.41	344.37	8272.74	-278.36	142.96	-278.36	312.92	152.82	1.67
8293.00	0.41	343.88	8273.74	-278.35	142.96	-278.35	312.92	152.82	0.45
8294.00	0.41	343.08	8274.74	-278.34	142.96	-278.34	312.91	152.82	0.64
8295.00	0.42	343.98	8275.74	-278.34	142.95	-278.34	312.90	152.81	0.70
8296.00	0.42	345.31	8276.74	-278.33	142.95	-278.33	312.89	152.81	0.99
8297.00	0.42	345.50	8277.74	-278.32	142.95	-278.32	312.89	152.81	0.31

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8298.00	0.42	344.54	8278.74	-278.32	142.95	-278.32	312.88	152.81	0.77
8299.00	0.43	344.75	8279.74	-278.31	142.95	-278.31	312.87	152.81	0.37
8300.00	0.43	347.68	8280.74	-278.30	142.95	-278.30	312.87	152.81	2.23
8301.00	0.44	350.56	8281.74	-278.29	142.94	-278.29	312.86	152.81	2.21
8302.00	0.44	353.02	8282.74	-278.29	142.94	-278.29	312.85	152.81	1.97
8303.00	0.45	355.56	8283.74	-278.28	142.94	-278.28	312.84	152.81	2.05
8304.00	0.45	358.81	8284.74	-278.27	142.94	-278.27	312.84	152.81	2.59
8305.00	0.46	1.98	8285.74	-278.26	142.94	-278.26	312.83	152.81	2.55
8306.00	0.46	4.96	8286.74	-278.25	142.94	-278.25	312.82	152.81	2.43
8307.00	0.47	7.61	8287.74	-278.25	142.94	-278.25	312.82	152.81	2.20
8308.00	0.47	8.96	8288.74	-278.24	142.94	-278.24	312.81	152.81	1.23
8309.00	0.48	10.32	8289.74	-278.23	142.95	-278.23	312.80	152.81	1.24
8310.00	0.48	11.21	8290.74	-278.22	142.95	-278.22	312.80	152.81	0.88
8311.00	0.49	12.11	8291.74	-278.21	142.95	-278.21	312.79	152.81	0.89
8312.00	0.49	14.40	8292.74	-278.21	142.95	-278.21	312.78	152.80	2.15
8313.00	0.50	16.47	8293.74	-278.20	142.95	-278.20	312.78	152.80	2.00
8314.00	0.51	17.18	8294.74	-278.19	142.96	-278.19	312.77	152.80	0.91
8315.00	0.52	17.89	8295.74	-278.18	142.96	-278.18	312.76	152.80	0.92
8316.00	0.53	18.50	8296.74	-278.17	142.96	-278.17	312.76	152.80	1.02
8317.00	0.53	19.12	8297.74	-278.16	142.96	-278.16	312.75	152.80	1.02
8318.00	0.54	20.58	8298.74	-278.15	142.97	-278.15	312.74	152.80	1.61
8319.00	0.55	22.41	8299.74	-278.14	142.97	-278.14	312.74	152.80	1.94
8320.00	0.56	24.46	8300.74	-278.14	142.97	-278.14	312.73	152.79	2.04
8321.00	0.56	26.57	8301.74	-278.13	142.98	-278.13	312.73	152.79	2.09
8322.00	0.57	27.50	8302.74	-278.12	142.98	-278.12	312.72	152.79	1.15
8323.00	0.57	28.31	8303.74	-278.11	142.99	-278.11	312.71	152.79	1.09
8324.00	0.58	28.63	8304.74	-278.10	142.99	-278.10	312.71	152.79	0.41
8325.00	0.58	28.90	8305.74	-278.09	143.00	-278.09	312.70	152.79	0.34
8326.00	0.58	29.02	8306.74	-278.08	143.00	-278.08	312.70	152.79	0.54
8327.00	0.59	28.92	8307.74	-278.07	143.01	-278.07	312.69	152.78	1.01
8328.00	0.60	28.82	8308.74	-278.07	143.01	-278.07	312.69	152.78	0.87
8329.00	0.61	28.70	8309.74	-278.06	143.02	-278.06	312.68	152.78	0.29
8330.00	0.61	28.66	8310.74	-278.05	143.02	-278.05	312.67	152.78	0.26
8331.00	0.61	28.88	8311.74	-278.04	143.03	-278.04	312.67	152.78	0.32
8332.00	0.61	29.23	8312.74	-278.03	143.03	-278.03	312.66	152.78	0.45
8333.00	0.62	30.07	8313.74	-278.02	143.04	-278.02	312.66	152.77	0.98
8334.00	0.62	30.70	8314.74	-278.01	143.04	-278.01	312.65	152.77	0.78
8335.00	0.62	30.85	8315.74	-278.00	143.05	-278.00	312.65	152.77	0.39
8336.00	0.63	31.04	8316.74	-277.99	143.06	-277.99	312.64	152.77	0.39
8337.00	0.63	31.68	8317.74	-277.98	143.06	-277.98	312.63	152.77	0.71

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8338.00	0.63	31.63	8318.74	-277.97	143.07	-277.97	312.63	152.77	0.07
8339.00	0.63	30.52	8319.74	-277.96	143.07	-277.96	312.62	152.76	1.21
8340.00	0.63	29.41	8320.74	-277.95	143.08	-277.95	312.62	152.76	1.21
8341.00	0.63	29.59	8321.74	-277.94	143.08	-277.94	312.61	152.76	0.24
8342.00	0.63	29.91	8322.74	-277.93	143.09	-277.93	312.60	152.76	0.39
8343.00	0.63	29.75	8323.74	-277.92	143.09	-277.92	312.60	152.76	0.28
8344.00	0.63	29.38	8324.74	-277.91	143.10	-277.91	312.59	152.76	0.47
8345.00	0.64	29.13	8325.74	-277.91	143.10	-277.91	312.59	152.75	0.35
8346.00	0.64	28.93	8326.74	-277.90	143.11	-277.90	312.58	152.75	0.30
8347.00	0.64	28.60	8327.74	-277.89	143.12	-277.89	312.57	152.75	0.37
8348.00	0.64	28.22	8328.73	-277.88	143.12	-277.88	312.57	152.75	0.43
8349.00	0.64	28.19	8329.73	-277.87	143.13	-277.87	312.56	152.75	0.33
8350.00	0.63	28.25	8330.73	-277.86	143.13	-277.86	312.56	152.75	0.42
8351.00	0.63	28.13	8331.73	-277.85	143.14	-277.85	312.55	152.74	0.16
8352.00	0.64	27.93	8332.73	-277.84	143.14	-277.84	312.54	152.74	0.38
8353.00	0.64	27.64	8333.73	-277.83	143.15	-277.83	312.54	152.74	0.44
8354.00	0.64	27.25	8334.73	-277.82	143.15	-277.82	312.53	152.74	0.52
8355.00	0.64	26.95	8335.73	-277.81	143.16	-277.81	312.52	152.74	0.41
8356.00	0.65	26.78	8336.73	-277.80	143.16	-277.80	312.52	152.74	0.25
8357.00	0.65	26.58	8337.73	-277.79	143.17	-277.79	312.51	152.73	0.24
8358.00	0.64	26.30	8338.73	-277.78	143.17	-277.78	312.50	152.73	0.36
8359.00	0.64	26.14	8339.73	-277.77	143.18	-277.77	312.50	152.73	0.19
8360.00	0.65	26.48	8340.73	-277.76	143.18	-277.76	312.49	152.73	0.53
8361.00	0.65	26.75	8341.73	-277.75	143.19	-277.75	312.48	152.73	0.39
8362.00	0.65	26.87	8342.73	-277.74	143.19	-277.74	312.48	152.73	0.14
8363.00	0.65	27.03	8343.73	-277.73	143.20	-277.73	312.47	152.72	0.19
8364.00	0.65	27.31	8344.73	-277.72	143.20	-277.72	312.46	152.72	0.32
8365.00	0.65	27.60	8345.73	-277.71	143.21	-277.71	312.46	152.72	0.34
8366.00	0.65	28.10	8346.73	-277.70	143.21	-277.70	312.45	152.72	0.56
8367.00	0.65	28.59	8347.73	-277.69	143.22	-277.69	312.44	152.72	0.56
8368.00	0.65	28.46	8348.73	-277.68	143.22	-277.68	312.44	152.72	0.15
8369.00	0.65	28.34	8349.73	-277.67	143.23	-277.67	312.43	152.71	0.15
8370.00	0.65	28.83	8350.73	-277.66	143.24	-277.66	312.42	152.71	0.62
8371.00	0.66	29.39	8351.73	-277.65	143.24	-277.65	312.42	152.71	0.70
8372.00	0.66	29.83	8352.73	-277.64	143.25	-277.64	312.41	152.71	0.55
8373.00	0.66	30.22	8353.73	-277.63	143.25	-277.63	312.41	152.71	0.48
8374.00	0.66	31.44	8354.73	-277.62	143.26	-277.62	312.40	152.71	1.41
8375.00	0.66	33.01	8355.73	-277.61	143.26	-277.61	312.39	152.70	1.82
8376.00	0.66	33.73	8356.73	-277.60	143.27	-277.60	312.39	152.70	0.86
8377.00	0.67	34.24	8357.73	-277.59	143.28	-277.59	312.38	152.70	0.64

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8378.00	0.67	34.68	8358.73	-277.58	143.28	-277.58	312.38	152.70	0.53
8379.00	0.67	35.11	8359.73	-277.57	143.29	-277.57	312.37	152.70	0.51
8380.00	0.67	36.12	8360.73	-277.56	143.30	-277.56	312.37	152.69	1.22
8381.00	0.67	37.12	8361.73	-277.55	143.30	-277.55	312.36	152.69	1.23
8382.00	0.68	37.91	8362.73	-277.54	143.31	-277.54	312.36	152.69	0.97
8383.00	0.68	38.69	8363.73	-277.53	143.32	-277.53	312.35	152.69	0.98
8384.00	0.68	39.03	8364.73	-277.52	143.33	-277.52	312.35	152.69	0.45
8385.00	0.69	39.31	8365.73	-277.51	143.33	-277.51	312.34	152.68	0.40
8386.00	0.69	39.68	8366.73	-277.50	143.34	-277.50	312.34	152.68	0.52
8387.00	0.69	40.44	8367.73	-277.49	143.35	-277.49	312.33	152.68	1.00
8388.00	0.69	40.92	8368.73	-277.48	143.36	-277.48	312.33	152.68	0.66
8389.00	0.70	41.22	8369.73	-277.48	143.36	-277.48	312.32	152.68	0.43
8390.00	0.70	41.39	8370.73	-277.47	143.37	-277.47	312.32	152.67	0.36
8391.00	0.70	41.27	8371.73	-277.46	143.38	-277.46	312.31	152.67	0.45
8392.00	0.71	41.27	8372.73	-277.45	143.39	-277.45	312.31	152.67	0.46
8393.00	0.71	41.52	8373.73	-277.44	143.40	-277.44	312.31	152.67	0.62
8394.00	0.72	41.64	8374.73	-277.43	143.41	-277.43	312.30	152.67	0.46
8395.00	0.72	41.64	8375.73	-277.42	143.41	-277.42	312.30	152.66	0.32
8396.00	0.73	41.61	8376.73	-277.41	143.42	-277.41	312.29	152.66	0.34
8397.00	0.73	41.37	8377.73	-277.40	143.43	-277.40	312.29	152.66	0.54
8398.00	0.73	41.06	8378.73	-277.39	143.44	-277.39	312.28	152.66	0.49
8399.00	0.73	40.68	8379.73	-277.38	143.45	-277.38	312.28	152.65	0.50
8400.00	0.74	40.36	8380.73	-277.37	143.46	-277.37	312.27	152.65	0.46
8401.00	0.74	40.10	8381.73	-277.36	143.46	-277.36	312.27	152.65	0.42
8402.00	0.74	39.85	8382.73	-277.35	143.47	-277.35	312.26	152.65	0.42
8403.00	0.74	39.25	8383.73	-277.34	143.48	-277.34	312.26	152.65	0.81
8404.00	0.75	38.57	8384.73	-277.33	143.49	-277.33	312.25	152.64	0.92
8405.00	0.75	37.82	8385.73	-277.32	143.50	-277.32	312.25	152.64	0.98
8406.00	0.74	37.08	8386.73	-277.31	143.50	-277.31	312.24	152.64	0.97
8407.00	0.75	36.22	8387.73	-277.30	143.51	-277.30	312.24	152.64	1.11
8408.00	0.75	35.36	8388.73	-277.29	143.52	-277.29	312.23	152.63	1.13
8409.00	0.75	34.68	8389.73	-277.28	143.53	-277.28	312.22	152.63	0.91
8410.00	0.75	34.06	8390.73	-277.27	143.54	-277.27	312.22	152.63	0.85
8411.00	0.75	33.20	8391.73	-277.26	143.54	-277.26	312.21	152.63	1.14
8412.00	0.75	32.18	8392.73	-277.25	143.55	-277.25	312.21	152.63	1.34
8413.00	0.75	30.83	8393.73	-277.24	143.56	-277.24	312.20	152.62	1.77
8414.00	0.75	29.16	8394.73	-277.22	143.56	-277.22	312.19	152.62	2.21
8415.00	0.75	28.26	8395.73	-277.21	143.57	-277.21	312.18	152.62	1.18
8416.00	0.75	27.57	8396.73	-277.20	143.58	-277.20	312.18	152.62	0.93
8417.00	0.76	27.07	8397.73	-277.19	143.58	-277.19	312.17	152.62	0.66

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8418.00	0.76	26.71	8398.73	-277.18	143.59	-277.18	312.16	152.61	0.48
8419.00	0.76	26.26	8399.73	-277.17	143.59	-277.17	312.15	152.61	0.61
8420.00	0.76	25.67	8400.73	-277.15	143.60	-277.15	312.15	152.61	0.79
8421.00	0.76	25.34	8401.73	-277.14	143.60	-277.14	312.14	152.61	0.46
8422.00	0.76	25.39	8402.73	-277.13	143.61	-277.13	312.13	152.61	0.13
8423.00	0.76	25.43	8403.73	-277.12	143.62	-277.12	312.12	152.60	0.15
8424.00	0.76	25.45	8404.73	-277.11	143.62	-277.11	312.11	152.60	0.17
8425.00	0.77	25.46	8405.73	-277.09	143.63	-277.09	312.11	152.60	0.17
8426.00	0.77	25.16	8406.73	-277.08	143.63	-277.08	312.10	152.60	0.44
8427.00	0.77	24.86	8407.73	-277.07	143.64	-277.07	312.09	152.60	0.44
8428.00	0.77	24.54	8408.73	-277.06	143.64	-277.06	312.08	152.59	0.69
8429.00	0.78	24.23	8409.73	-277.05	143.65	-277.05	312.07	152.59	0.71
8430.00	0.78	23.98	8410.73	-277.03	143.66	-277.03	312.06	152.59	0.48
8431.00	0.79	23.74	8411.73	-277.02	143.66	-277.02	312.06	152.59	0.46
8432.00	0.79	23.60	8412.73	-277.01	143.67	-277.01	312.05	152.59	0.21
8433.00	0.79	23.47	8413.73	-276.99	143.67	-276.99	312.04	152.59	0.21
8434.00	0.79	23.49	8414.73	-276.98	143.68	-276.98	312.03	152.58	0.17
8435.00	0.79	23.53	8415.73	-276.97	143.68	-276.97	312.02	152.58	0.19
8436.00	0.80	23.68	8416.73	-276.96	143.69	-276.96	312.01	152.58	0.38
8437.00	0.80	23.84	8417.73	-276.94	143.69	-276.94	312.00	152.58	0.40
8438.00	0.80	23.99	8418.73	-276.93	143.70	-276.93	311.99	152.58	0.23
8439.00	0.80	24.13	8419.73	-276.92	143.71	-276.92	311.99	152.57	0.20
8440.00	0.80	24.38	8420.73	-276.91	143.71	-276.91	311.98	152.57	0.36
8441.00	0.80	24.76	8421.73	-276.89	143.72	-276.89	311.97	152.57	0.53
8442.00	0.80	24.90	8422.73	-276.88	143.72	-276.88	311.96	152.57	0.26
8443.00	0.80	24.98	8423.73	-276.87	143.73	-276.87	311.95	152.57	0.26
8444.00	0.80	24.72	8424.73	-276.86	143.74	-276.86	311.94	152.56	0.42
8445.00	0.81	24.32	8425.73	-276.84	143.74	-276.84	311.93	152.56	0.59
8446.00	0.81	23.81	8426.73	-276.83	143.75	-276.83	311.93	152.56	0.72
8447.00	0.80	23.03	8427.73	-276.82	143.75	-276.82	311.92	152.56	1.14
8448.00	0.80	22.35	8428.73	-276.80	143.76	-276.80	311.91	152.55	0.96
8449.00	0.80	21.82	8429.73	-276.79	143.76	-276.79	311.90	152.55	0.76
8450.00	0.80	21.32	8430.73	-276.78	143.77	-276.78	311.89	152.55	0.71
8451.00	0.80	20.86	8431.73	-276.76	143.77	-276.76	311.88	152.55	0.64
8452.00	0.80	20.64	8432.73	-276.75	143.78	-276.75	311.87	152.55	0.32
8453.00	0.80	20.66	8433.73	-276.74	143.78	-276.74	311.86	152.55	0.12
8454.00	0.80	20.72	8434.73	-276.73	143.79	-276.73	311.85	152.54	0.17
8455.00	0.80	20.80	8435.73	-276.71	143.79	-276.71	311.84	152.54	0.22
8456.00	0.80	21.00	8436.73	-276.70	143.80	-276.70	311.83	152.54	0.28
8457.00	0.80	21.46	8437.73	-276.69	143.80	-276.69	311.82	152.54	0.67

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8458.00	0.80	21.91	8438.73	-276.67	143.81	-276.67	311.82	152.54	0.67
8459.00	0.80	21.71	8439.73	-276.66	143.81	-276.66	311.81	152.53	0.28
8460.00	0.80	21.24	8440.73	-276.65	143.82	-276.65	311.80	152.53	0.68
8461.00	0.80	21.25	8441.73	-276.63	143.82	-276.63	311.79	152.53	0.13
8462.00	0.80	21.27	8442.73	-276.62	143.83	-276.62	311.78	152.53	0.13
8463.00	0.80	21.00	8443.73	-276.61	143.83	-276.61	311.77	152.53	0.51
8464.00	0.81	20.67	8444.73	-276.60	143.84	-276.60	311.76	152.52	0.66
8465.00	0.81	19.54	8445.73	-276.58	143.84	-276.58	311.75	152.52	1.59
8466.00	0.81	18.32	8446.73	-276.57	143.85	-276.57	311.74	152.52	1.72
8467.00	0.81	18.50	8447.73	-276.56	143.85	-276.56	311.73	152.52	0.25
8468.00	0.81	18.68	8448.73	-276.54	143.86	-276.54	311.72	152.52	0.25
8469.00	0.81	18.49	8449.72	-276.53	143.86	-276.53	311.71	152.51	0.89
8470.00	0.82	18.26	8450.72	-276.52	143.87	-276.52	311.70	152.51	1.00
8471.00	0.83	17.73	8451.72	-276.50	143.87	-276.50	311.69	152.51	0.85
8472.00	0.83	17.12	8452.72	-276.49	143.87	-276.49	311.68	152.51	0.91
8473.00	0.83	17.09	8453.72	-276.47	143.88	-276.47	311.67	152.51	0.08
8474.00	0.83	17.43	8454.72	-276.46	143.88	-276.46	311.66	152.51	0.56
8475.00	0.83	17.34	8455.72	-276.45	143.89	-276.45	311.65	152.50	0.16
8476.00	0.83	16.80	8456.72	-276.43	143.89	-276.43	311.64	152.50	0.88
8477.00	0.83	16.48	8457.72	-276.42	143.90	-276.42	311.63	152.50	0.52
8478.00	0.83	16.49	8458.72	-276.40	143.90	-276.40	311.62	152.50	0.04
8479.00	0.83	16.19	8459.72	-276.39	143.90	-276.39	311.61	152.50	0.47
8480.00	0.83	15.57	8460.72	-276.38	143.91	-276.38	311.60	152.49	0.93
8481.00	0.83	15.00	8461.72	-276.36	143.91	-276.36	311.59	152.49	0.82
8482.00	0.83	14.49	8462.72	-276.35	143.92	-276.35	311.58	152.49	0.76
8483.00	0.83	14.40	8463.72	-276.33	143.92	-276.33	311.57	152.49	0.28
8484.00	0.84	14.94	8464.72	-276.32	143.92	-276.32	311.56	152.49	0.91
8485.00	0.84	15.27	8465.72	-276.31	143.93	-276.31	311.54	152.49	0.51
8486.00	0.83	15.09	8466.72	-276.29	143.93	-276.29	311.53	152.48	0.51
8487.00	0.83	14.96	8467.72	-276.28	143.93	-276.28	311.52	152.48	0.41
8488.00	0.83	15.31	8468.72	-276.26	143.94	-276.26	311.51	152.48	0.60
8489.00	0.84	15.65	8469.72	-276.25	143.94	-276.25	311.50	152.48	0.60
8490.00	0.83	16.00	8470.72	-276.24	143.95	-276.24	311.49	152.48	0.58
8491.00	0.83	16.35	8471.72	-276.22	143.95	-276.22	311.48	152.47	0.58
8492.00	0.83	16.46	8472.72	-276.21	143.95	-276.21	311.47	152.47	0.63
8493.00	0.82	16.57	8473.72	-276.19	143.96	-276.19	311.46	152.47	0.63
8494.00	0.82	16.49	8474.72	-276.18	143.96	-276.18	311.45	152.47	0.26
8495.00	0.81	16.41	8475.72	-276.17	143.97	-276.17	311.44	152.47	0.26
8496.00	0.82	16.83	8476.72	-276.15	143.97	-276.15	311.43	152.47	0.62
8497.00	0.82	17.26	8477.72	-276.14	143.97	-276.14	311.42	152.46	0.62

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8498.00	0.81	16.85	8478.72	-276.13	143.98	-276.13	311.41	152.46	0.67
8499.00	0.81	16.36	8479.72	-276.11	143.98	-276.11	311.40	152.46	0.81
8500.00	0.81	16.63	8480.72	-276.10	143.99	-276.10	311.39	152.46	0.44
8501.00	0.82	17.09	8481.72	-276.09	143.99	-276.09	311.38	152.46	0.75
8502.00	0.82	17.19	8482.72	-276.07	144.00	-276.07	311.37	152.45	0.23
8503.00	0.82	17.05	8483.72	-276.06	144.00	-276.06	311.36	152.45	0.20
8504.00	0.82	16.98	8484.72	-276.04	144.00	-276.04	311.35	152.45	0.12
8505.00	0.82	17.01	8485.72	-276.03	144.01	-276.03	311.34	152.45	0.09
8506.00	0.82	16.96	8486.72	-276.02	144.01	-276.02	311.33	152.45	0.13
8507.00	0.82	16.85	8487.72	-276.00	144.02	-276.00	311.32	152.44	0.35
8508.00	0.82	16.73	8488.72	-275.99	144.02	-275.99	311.31	152.44	0.17
8509.00	0.82	16.61	8489.72	-275.98	144.02	-275.98	311.30	152.44	0.43
8510.00	0.82	16.69	8490.72	-275.96	144.03	-275.96	311.29	152.44	0.12
8511.00	0.82	16.91	8491.72	-275.95	144.03	-275.95	311.28	152.44	0.45
8512.00	0.81	16.94	8492.72	-275.94	144.04	-275.94	311.27	152.44	0.19
8513.00	0.82	16.54	8493.72	-275.92	144.04	-275.92	311.26	152.43	0.59
8514.00	0.82	16.15	8494.72	-275.91	144.04	-275.91	311.25	152.43	0.57
8515.00	0.82	15.84	8495.72	-275.89	144.05	-275.89	311.24	152.43	0.44
8516.00	0.82	15.54	8496.72	-275.88	144.05	-275.88	311.23	152.43	0.44
8517.00	0.82	15.50	8497.72	-275.87	144.06	-275.87	311.21	152.43	0.11
8518.00	0.82	15.50	8498.72	-275.85	144.06	-275.85	311.20	152.42	0.11
8519.00	0.82	15.02	8499.72	-275.84	144.06	-275.84	311.19	152.42	0.73
8520.00	0.83	14.42	8500.72	-275.83	144.07	-275.83	311.18	152.42	0.91
8521.00	0.83	13.64	8501.72	-275.81	144.07	-275.81	311.17	152.42	1.14
8522.00	0.83	12.82	8502.72	-275.80	144.07	-275.80	311.16	152.42	1.20
8523.00	0.83	12.64	8503.72	-275.78	144.08	-275.78	311.15	152.42	0.28
8524.00	0.83	12.53	8504.72	-275.77	144.08	-275.77	311.14	152.41	0.18
8525.00	0.83	12.36	8505.72	-275.75	144.08	-275.75	311.13	152.41	0.26
8526.00	0.83	12.18	8506.72	-275.74	144.09	-275.74	311.12	152.41	0.27
8527.00	0.83	11.92	8507.72	-275.73	144.09	-275.73	311.11	152.41	0.38
8528.00	0.83	11.63	8508.72	-275.71	144.09	-275.71	311.09	152.41	0.43
8529.00	0.84	11.12	8509.72	-275.70	144.10	-275.70	311.08	152.41	0.82
8530.00	0.84	10.47	8510.72	-275.68	144.10	-275.68	311.07	152.40	1.15
8531.00	0.84	10.27	8511.72	-275.67	144.10	-275.67	311.06	152.40	0.29
8532.00	0.84	10.08	8512.72	-275.65	144.10	-275.65	311.05	152.40	0.29
8533.00	0.84	9.74	8513.72	-275.64	144.11	-275.64	311.04	152.40	0.50
8534.00	0.85	9.06	8514.72	-275.63	144.11	-275.63	311.03	152.40	1.05
8535.00	0.85	8.84	8515.72	-275.61	144.11	-275.61	311.01	152.40	0.53
8536.00	0.85	9.30	8516.72	-275.60	144.11	-275.60	311.00	152.39	0.88
8537.00	0.86	9.51	8517.72	-275.58	144.12	-275.58	310.99	152.39	0.62

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8538.00	0.87	9.36	8518.72	-275.57	144.12	-275.57	310.98	152.39	0.55
8539.00	0.87	9.16	8519.72	-275.55	144.12	-275.55	310.97	152.39	0.50
8540.00	0.87	8.90	8520.72	-275.54	144.12	-275.54	310.95	152.39	0.48
8541.00	0.87	8.64	8521.72	-275.52	144.13	-275.52	310.94	152.39	0.49
8542.00	0.88	8.41	8522.72	-275.51	144.13	-275.51	310.93	152.38	0.57
8543.00	0.88	8.19	8523.72	-275.49	144.13	-275.49	310.92	152.38	0.54
8544.00	0.89	8.14	8524.72	-275.48	144.13	-275.48	310.90	152.38	0.27
8545.00	0.89	8.09	8525.72	-275.46	144.13	-275.46	310.89	152.38	0.27
8546.00	0.89	8.11	8526.72	-275.45	144.14	-275.45	310.88	152.38	0.53
8547.00	0.90	8.14	8527.72	-275.43	144.14	-275.43	310.87	152.38	0.52
8548.00	0.90	8.16	8528.72	-275.41	144.14	-275.41	310.85	152.37	0.46
8549.00	0.91	8.19	8529.72	-275.40	144.14	-275.40	310.84	152.37	0.46
8550.00	0.92	7.98	8530.72	-275.38	144.15	-275.38	310.83	152.37	0.80
8551.00	0.92	7.74	8531.72	-275.37	144.15	-275.37	310.81	152.37	0.85
8552.00	0.93	7.81	8532.72	-275.35	144.15	-275.35	310.80	152.37	0.28
8553.00	0.93	7.88	8533.72	-275.34	144.15	-275.34	310.79	152.37	0.28
8554.00	0.93	7.87	8534.72	-275.32	144.15	-275.32	310.77	152.36	0.67
8555.00	0.94	7.87	8535.72	-275.30	144.16	-275.30	310.76	152.36	0.67
8556.00	0.95	8.01	8536.72	-275.29	144.16	-275.29	310.75	152.36	0.62
8557.00	0.95	8.14	8537.72	-275.27	144.16	-275.27	310.73	152.36	0.62
8558.00	0.96	8.00	8538.72	-275.25	144.16	-275.25	310.72	152.36	0.38
8559.00	0.96	7.83	8539.72	-275.24	144.17	-275.24	310.71	152.36	0.39
8560.00	0.96	7.59	8540.72	-275.22	144.17	-275.22	310.69	152.35	0.52
8561.00	0.97	7.33	8541.71	-275.20	144.17	-275.20	310.68	152.35	0.55
8562.00	0.97	7.21	8542.71	-275.19	144.17	-275.19	310.67	152.35	0.55
8563.00	0.98	7.14	8543.71	-275.17	144.17	-275.17	310.65	152.35	0.59
8564.00	0.98	7.21	8544.71	-275.15	144.18	-275.15	310.64	152.35	0.45
8565.00	0.98	7.35	8545.71	-275.14	144.18	-275.14	310.62	152.34	0.43
8566.00	0.99	7.50	8546.71	-275.12	144.18	-275.12	310.61	152.34	0.54
8567.00	0.99	7.65	8547.71	-275.10	144.18	-275.10	310.60	152.34	0.66
8568.00	1.00	7.75	8548.71	-275.08	144.19	-275.08	310.58	152.34	0.50
8569.00	1.00	7.82	8549.71	-275.07	144.19	-275.07	310.57	152.34	0.40
8570.00	1.01	7.81	8550.71	-275.05	144.19	-275.05	310.55	152.34	0.41
8571.00	1.01	7.75	8551.71	-275.03	144.19	-275.03	310.54	152.33	0.44
8572.00	1.02	7.60	8552.71	-275.01	144.19	-275.01	310.52	152.33	0.49
8573.00	1.02	7.41	8553.71	-275.00	144.20	-275.00	310.51	152.33	0.53
8574.00	1.03	6.94	8554.71	-274.98	144.20	-274.98	310.50	152.33	0.98
8575.00	1.03	6.40	8555.71	-274.96	144.20	-274.96	310.48	152.33	1.10
8576.00	1.03	6.04	8556.71	-274.94	144.20	-274.94	310.47	152.32	0.70
8577.00	1.04	5.73	8557.71	-274.93	144.21	-274.93	310.45	152.32	0.60

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8578.00	1.04	5.74	8558.71	-274.91	144.21	-274.91	310.44	152.32	0.37
8579.00	1.04	5.78	8559.71	-274.89	144.21	-274.89	310.42	152.32	0.40
8580.00	1.05	5.78	8560.71	-274.87	144.21	-274.87	310.40	152.32	0.23
8581.00	1.05	5.76	8561.71	-274.85	144.21	-274.85	310.39	152.31	0.20
8582.00	1.05	5.74	8562.71	-274.84	144.21	-274.84	310.37	152.31	0.24
8583.00	1.05	5.75	8563.71	-274.82	144.22	-274.82	310.36	152.31	0.41
8584.00	1.06	5.72	8564.71	-274.80	144.22	-274.80	310.34	152.31	0.37
8585.00	1.06	5.57	8565.71	-274.78	144.22	-274.78	310.33	152.31	0.34
8586.00	1.06	5.47	8566.71	-274.76	144.22	-274.76	310.31	152.31	0.34
8587.00	1.07	5.47	8567.71	-274.74	144.22	-274.74	310.30	152.30	0.49
8588.00	1.07	5.37	8568.71	-274.72	144.23	-274.72	310.28	152.30	0.38
8589.00	1.07	5.18	8569.71	-274.71	144.23	-274.71	310.27	152.30	0.40
8590.00	1.07	5.00	8570.71	-274.69	144.23	-274.69	310.25	152.30	0.38
8591.00	1.08	4.85	8571.71	-274.67	144.23	-274.67	310.23	152.30	0.36
8592.00	1.08	4.67	8572.71	-274.65	144.23	-274.65	310.22	152.29	0.41
8593.00	1.08	4.46	8573.71	-274.63	144.23	-274.63	310.20	152.29	0.47
8594.00	1.08	4.24	8574.71	-274.61	144.23	-274.61	310.19	152.29	0.46
8595.00	1.08	4.01	8575.71	-274.59	144.24	-274.59	310.17	152.29	0.45
8596.00	1.09	4.10	8576.71	-274.57	144.24	-274.57	310.15	152.29	0.20
8597.00	1.09	4.32	8577.71	-274.56	144.24	-274.56	310.14	152.28	0.43
8598.00	1.09	4.48	8578.71	-274.54	144.24	-274.54	310.12	152.28	0.41
8599.00	1.09	4.60	8579.71	-274.52	144.24	-274.52	310.11	152.28	0.45
8600.00	1.09	4.66	8580.71	-274.50	144.24	-274.50	310.09	152.28	0.19
8601.00	1.09	4.66	8581.71	-274.48	144.24	-274.48	310.07	152.28	0.06
8602.00	1.09	4.52	8582.71	-274.46	144.25	-274.46	310.06	152.28	0.29
8603.00	1.10	4.18	8583.71	-274.44	144.25	-274.44	310.04	152.27	0.76
8604.00	1.10	3.89	8584.71	-274.42	144.25	-274.42	310.03	152.27	0.63
8605.00	1.10	3.74	8585.71	-274.40	144.25	-274.40	310.01	152.27	0.32
8606.00	1.10	3.56	8586.71	-274.38	144.25	-274.38	309.99	152.27	0.36
8607.00	1.11	3.31	8587.71	-274.37	144.25	-274.37	309.98	152.27	0.51
8608.00	1.11	3.08	8588.71	-274.35	144.25	-274.35	309.96	152.26	0.45
8609.00	1.11	2.99	8589.71	-274.33	144.25	-274.33	309.94	152.26	0.19
8610.00	1.11	2.92	8590.71	-274.31	144.26	-274.31	309.93	152.26	0.19
8611.00	1.11	2.93	8591.71	-274.29	144.26	-274.29	309.91	152.26	0.35
8612.00	1.11	2.95	8592.71	-274.27	144.26	-274.27	309.89	152.26	0.29
8613.00	1.12	3.02	8593.71	-274.25	144.26	-274.25	309.88	152.25	0.19
8614.00	1.12	3.08	8594.71	-274.23	144.26	-274.23	309.86	152.25	0.21
8615.00	1.12	3.13	8595.71	-274.21	144.26	-274.21	309.84	152.25	0.27
8616.00	1.12	3.08	8596.71	-274.19	144.26	-274.19	309.83	152.25	0.26
8617.00	1.12	2.82	8597.71	-274.17	144.26	-274.17	309.81	152.25	0.55

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8618.00	1.13	2.61	8598.71	-274.15	144.26	-274.15	309.79	152.25	0.45
8619.00	1.13	2.62	8599.70	-274.13	144.26	-274.13	309.77	152.24	0.16
8620.00	1.13	2.61	8600.70	-274.11	144.27	-274.11	309.76	152.24	0.16
8621.00	1.13	2.51	8601.70	-274.09	144.27	-274.09	309.74	152.24	0.27
8622.00	1.13	2.40	8602.70	-274.07	144.27	-274.07	309.72	152.24	0.28
8623.00	1.14	2.32	8603.70	-274.05	144.27	-274.05	309.71	152.24	0.41
8624.00	1.14	2.25	8604.70	-274.03	144.27	-274.03	309.69	152.23	0.36
8625.00	1.14	2.18	8605.70	-274.01	144.27	-274.01	309.67	152.23	0.32
8626.00	1.15	2.13	8606.70	-273.99	144.27	-273.99	309.65	152.23	0.29
8627.00	1.15	2.11	8607.70	-273.97	144.27	-273.97	309.64	152.23	0.24
8628.00	1.15	2.09	8608.70	-273.95	144.27	-273.95	309.62	152.23	0.30
8629.00	1.16	2.08	8609.70	-273.93	144.27	-273.93	309.60	152.23	0.43
8630.00	1.16	2.07	8610.70	-273.91	144.27	-273.91	309.59	152.22	0.40
8631.00	1.16	2.04	8611.70	-273.89	144.27	-273.89	309.57	152.22	0.14
8632.00	1.16	1.99	8612.70	-273.87	144.28	-273.87	309.55	152.22	0.17
8633.00	1.16	1.87	8613.70	-273.85	144.28	-273.85	309.53	152.22	0.33
8634.00	1.17	1.72	8614.70	-273.83	144.28	-273.83	309.51	152.22	0.39
8635.00	1.17	1.53	8615.70	-273.81	144.28	-273.81	309.50	152.21	0.54
8636.00	1.17	1.30	8616.70	-273.79	144.28	-273.79	309.48	152.21	0.57
8637.00	1.18	0.99	8617.70	-273.77	144.28	-273.77	309.46	152.21	0.67
8638.00	1.18	0.73	8618.70	-273.75	144.28	-273.75	309.44	152.21	0.60
8639.00	1.18	0.53	8619.70	-273.73	144.28	-273.73	309.42	152.21	0.50
8640.00	1.18	0.35	8620.70	-273.71	144.28	-273.71	309.41	152.21	0.46
8641.00	1.19	0.17	8621.70	-273.69	144.28	-273.69	309.39	152.20	0.38
8642.00	1.19	360.00	8622.70	-273.67	144.28	-273.67	309.37	152.20	0.40
8643.00	1.19	359.81	8623.70	-273.65	144.28	-273.65	309.35	152.20	0.54
8644.00	1.19	359.62	8624.70	-273.63	144.28	-273.63	309.33	152.20	0.51
8645.00	1.19	359.44	8625.70	-273.60	144.28	-273.60	309.31	152.20	0.39
8646.00	1.19	359.26	8626.70	-273.58	144.28	-273.58	309.30	152.19	0.39
8647.00	1.19	358.93	8627.70	-273.56	144.28	-273.56	309.28	152.19	0.69
8648.00	1.20	358.61	8628.70	-273.54	144.28	-273.54	309.26	152.19	0.69
8649.00	1.20	358.23	8629.70	-273.52	144.28	-273.52	309.24	152.19	0.78
8650.00	1.20	357.85	8630.70	-273.50	144.28	-273.50	309.22	152.19	0.79
8651.00	1.20	357.55	8631.70	-273.48	144.28	-273.48	309.20	152.19	0.63
8652.00	1.20	357.26	8632.70	-273.46	144.27	-273.46	309.18	152.18	0.62
8653.00	1.20	356.94	8633.70	-273.44	144.27	-273.44	309.16	152.18	0.78
8654.00	1.21	356.61	8634.70	-273.42	144.27	-273.42	309.15	152.18	0.80
8655.00	1.21	356.42	8635.70	-273.40	144.27	-273.40	309.13	152.18	0.42
8656.00	1.21	356.23	8636.70	-273.37	144.27	-273.37	309.11	152.18	0.44
8657.00	1.21	355.98	8637.70	-273.35	144.27	-273.35	309.09	152.18	0.61

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8658.00	1.21	355.73	8638.70	-273.33	144.27	-273.33	309.07	152.17	0.61
8659.00	1.22	355.41	8639.70	-273.31	144.26	-273.31	309.05	152.17	0.74
8660.00	1.22	355.09	8640.70	-273.29	144.26	-273.29	309.03	152.17	0.74
8661.00	1.22	354.88	8641.70	-273.27	144.26	-273.27	309.01	152.17	0.50
8662.00	1.22	354.67	8642.70	-273.25	144.26	-273.25	308.99	152.17	0.47
8663.00	1.23	354.44	8643.70	-273.23	144.26	-273.23	308.97	152.17	0.74
8664.00	1.24	354.20	8644.70	-273.20	144.26	-273.20	308.95	152.17	0.83
8665.00	1.24	354.01	8645.70	-273.18	144.25	-273.18	308.93	152.16	0.50
8666.00	1.24	353.85	8646.69	-273.16	144.25	-273.16	308.91	152.16	0.38
8667.00	1.25	353.66	8647.69	-273.14	144.25	-273.14	308.89	152.16	0.78
8668.00	1.26	353.45	8648.69	-273.12	144.25	-273.12	308.87	152.16	1.10
8669.00	1.27	353.19	8649.69	-273.10	144.24	-273.10	308.85	152.16	1.02
8670.00	1.27	352.89	8650.69	-273.07	144.24	-273.07	308.83	152.16	0.98
8671.00	1.28	352.61	8651.69	-273.05	144.24	-273.05	308.81	152.16	0.86
8672.00	1.28	352.35	8652.69	-273.03	144.23	-273.03	308.79	152.15	0.78
8673.00	1.29	352.18	8653.69	-273.01	144.23	-273.01	308.77	152.15	0.41
8674.00	1.29	352.06	8654.69	-272.99	144.23	-272.99	308.74	152.15	0.27
8675.00	1.29	351.94	8655.69	-272.96	144.23	-272.96	308.72	152.15	0.28
8676.00	1.29	351.82	8656.69	-272.94	144.22	-272.94	308.70	152.15	0.28
8677.00	1.29	351.70	8657.69	-272.92	144.22	-272.92	308.68	152.15	0.28
8678.00	1.29	351.58	8658.69	-272.90	144.22	-272.90	308.66	152.15	0.28
8679.00	1.29	351.45	8659.69	-272.87	144.21	-272.87	308.64	152.14	0.28
8680.00	1.29	351.33	8660.69	-272.85	144.21	-272.85	308.62	152.14	0.28
8681.00	1.29	351.21	8661.69	-272.83	144.21	-272.83	308.60	152.14	0.28
8682.00	1.29	351.09	8662.69	-272.81	144.20	-272.81	308.57	152.14	0.28
8683.00	1.29	350.97	8663.69	-272.79	144.20	-272.79	308.55	152.14	0.28
8684.00	1.29	350.85	8664.69	-272.76	144.20	-272.76	308.53	152.14	0.28
8685.00	1.29	350.73	8665.69	-272.74	144.19	-272.74	308.51	152.14	0.28
8686.00	1.29	350.61	8666.69	-272.72	144.19	-272.72	308.49	152.13	0.28
8687.00	1.29	350.48	8667.69	-272.70	144.18	-272.70	308.47	152.13	0.28
8688.00	1.29	350.36	8668.69	-272.67	144.18	-272.67	308.45	152.13	0.28
8689.00	1.29	350.24	8669.69	-272.65	144.18	-272.65	308.43	152.13	0.28
8690.00	1.29	350.12	8670.69	-272.63	144.17	-272.63	308.40	152.13	0.28
8691.00	1.29	350.00	8671.69	-272.61	144.17	-272.61	308.38	152.13	0.28
8692.00	1.29	349.88	8672.69	-272.59	144.17	-272.59	308.36	152.13	0.28
8693.00	1.29	349.76	8673.69	-272.56	144.16	-272.56	308.34	152.13	0.28
8694.00	1.29	349.64	8674.69	-272.54	144.16	-272.54	308.32	152.12	0.28
8695.00	1.30	349.52	8675.69	-272.52	144.15	-272.52	308.30	152.12	0.28
8696.00	1.30	349.39	8676.69	-272.50	144.15	-272.50	308.27	152.12	0.28
8697.00	1.30	349.27	8677.69	-272.47	144.14	-272.47	308.25	152.12	0.28

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8698.00	1.30	349.15	8678.69	-272.45	144.14	-272.45	308.23	152.12	0.28
8699.00	1.30	349.03	8679.69	-272.43	144.14	-272.43	308.21	152.12	0.28
8700.00	1.30	348.91	8680.69	-272.41	144.13	-272.41	308.19	152.12	0.28
8701.00	1.30	348.74	8681.69	-272.39	144.13	-272.39	308.17	152.12	0.42
8702.00	1.30	348.54	8682.69	-272.36	144.12	-272.36	308.14	152.11	0.53
8703.00	1.30	348.34	8683.69	-272.34	144.12	-272.34	308.12	152.11	0.53
8704.00	1.31	348.22	8684.69	-272.32	144.11	-272.32	308.10	152.11	0.49
8705.00	1.31	348.19	8685.68	-272.30	144.11	-272.30	308.08	152.11	0.56
8706.00	1.32	348.17	8686.68	-272.27	144.10	-272.27	308.06	152.11	0.54
8707.00	1.32	348.17	8687.68	-272.25	144.10	-272.25	308.03	152.11	0.53
8708.00	1.33	348.12	8688.68	-272.23	144.09	-272.23	308.01	152.11	0.48
8709.00	1.33	347.98	8689.68	-272.21	144.09	-272.21	307.99	152.11	0.47
8710.00	1.34	347.82	8690.68	-272.18	144.09	-272.18	307.97	152.10	0.54
8711.00	1.34	347.55	8691.68	-272.16	144.08	-272.16	307.95	152.10	0.82
8712.00	1.35	347.28	8692.68	-272.14	144.08	-272.14	307.92	152.10	0.82
8713.00	1.35	346.98	8693.68	-272.11	144.07	-272.11	307.90	152.10	0.80
8714.00	1.35	346.76	8694.68	-272.09	144.06	-272.09	307.88	152.10	0.64
8715.00	1.36	346.62	8695.68	-272.07	144.06	-272.07	307.85	152.10	0.52
8716.00	1.36	346.48	8696.68	-272.05	144.05	-272.05	307.83	152.10	0.43
8717.00	1.36	346.33	8697.68	-272.02	144.05	-272.02	307.81	152.10	0.36
8718.00	1.36	346.20	8698.68	-272.00	144.04	-272.00	307.79	152.10	0.32
8719.00	1.36	346.11	8699.68	-271.98	144.04	-271.98	307.76	152.09	0.23
8720.00	1.36	346.01	8700.68	-271.95	144.03	-271.95	307.74	152.09	0.25
8721.00	1.37	345.90	8701.68	-271.93	144.03	-271.93	307.72	152.09	0.38
8722.00	1.37	345.79	8702.68	-271.91	144.02	-271.91	307.69	152.09	0.35
8723.00	1.37	345.69	8703.68	-271.88	144.01	-271.88	307.67	152.09	0.26
8724.00	1.37	345.57	8704.68	-271.86	144.01	-271.86	307.65	152.09	0.32
8725.00	1.38	345.43	8705.68	-271.84	144.00	-271.84	307.62	152.09	0.49
8726.00	1.38	345.28	8706.68	-271.81	144.00	-271.81	307.60	152.09	0.44
8727.00	1.38	345.12	8707.68	-271.79	143.99	-271.79	307.58	152.09	0.40
8728.00	1.38	344.92	8708.68	-271.77	143.98	-271.77	307.55	152.09	0.50
8729.00	1.38	344.61	8709.68	-271.74	143.98	-271.74	307.53	152.08	0.75
8730.00	1.38	344.32	8710.68	-271.72	143.97	-271.72	307.51	152.08	0.69
8731.00	1.38	344.08	8711.68	-271.70	143.96	-271.70	307.48	152.08	0.63
8732.00	1.38	343.85	8712.68	-271.67	143.96	-271.67	307.46	152.08	0.60
8733.00	1.38	343.65	8713.68	-271.65	143.95	-271.65	307.44	152.08	0.49
8734.00	1.38	343.46	8714.68	-271.63	143.94	-271.63	307.41	152.08	0.46
8735.00	1.39	343.37	8715.68	-271.61	143.94	-271.61	307.39	152.08	0.30
8736.00	1.39	343.28	8716.68	-271.58	143.93	-271.58	307.36	152.08	0.31
8737.00	1.39	343.10	8717.68	-271.56	143.92	-271.56	307.34	152.08	0.47

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8738.00	1.38	342.91	8718.68	-271.54	143.92	-271.54	307.32	152.08	0.47
8739.00	1.39	342.80	8719.68	-271.51	143.91	-271.51	307.29	152.08	0.37
8740.00	1.39	342.70	8720.68	-271.49	143.90	-271.49	307.27	152.07	0.39
8741.00	1.39	342.62	8721.67	-271.47	143.89	-271.47	307.25	152.07	0.26
8742.00	1.39	342.55	8722.67	-271.44	143.89	-271.44	307.22	152.07	0.30
8743.00	1.39	342.41	8723.67	-271.42	143.88	-271.42	307.20	152.07	0.38
8744.00	1.39	342.28	8724.67	-271.40	143.87	-271.40	307.17	152.07	0.36
8745.00	1.39	342.26	8725.67	-271.37	143.86	-271.37	307.15	152.07	0.26
8746.00	1.39	342.26	8726.67	-271.35	143.86	-271.35	307.13	152.07	0.16
8747.00	1.39	342.35	8727.67	-271.33	143.85	-271.33	307.10	152.07	0.29
8748.00	1.39	342.45	8728.67	-271.30	143.84	-271.30	307.08	152.07	0.29
8749.00	1.39	342.46	8729.67	-271.28	143.84	-271.28	307.05	152.07	0.09
8750.00	1.39	342.45	8730.67	-271.26	143.83	-271.26	307.03	152.07	0.12
8751.00	1.39	342.38	8731.67	-271.24	143.82	-271.24	307.01	152.07	0.20
8752.00	1.39	342.28	8732.67	-271.21	143.81	-271.21	306.98	152.06	0.26
8753.00	1.40	342.23	8733.67	-271.19	143.81	-271.19	306.96	152.06	0.24
8754.00	1.40	342.20	8734.67	-271.17	143.80	-271.17	306.93	152.06	0.24
8755.00	1.40	342.15	8735.67	-271.14	143.79	-271.14	306.91	152.06	0.12
8756.00	1.40	342.10	8736.67	-271.12	143.78	-271.12	306.89	152.06	0.12
8757.00	1.40	341.95	8737.67	-271.10	143.78	-271.10	306.86	152.06	0.39
8758.00	1.40	341.68	8738.67	-271.07	143.77	-271.07	306.84	152.06	0.68
8759.00	1.40	341.57	8739.67	-271.05	143.76	-271.05	306.81	152.06	0.47
8760.00	1.41	341.50	8740.67	-271.03	143.75	-271.03	306.79	152.06	0.56
8761.00	1.41	341.55	8741.67	-271.00	143.75	-271.00	306.77	152.06	0.14
8762.00	1.40	341.66	8742.67	-270.98	143.74	-270.98	306.74	152.06	0.40
8763.00	1.40	341.70	8743.67	-270.96	143.73	-270.96	306.72	152.06	0.14
8764.00	1.41	341.70	8744.67	-270.93	143.72	-270.93	306.69	152.06	0.36
8765.00	1.41	341.63	8745.67	-270.91	143.71	-270.91	306.67	152.05	0.25
8766.00	1.41	341.53	8746.67	-270.89	143.71	-270.89	306.64	152.05	0.26
8767.00	1.41	341.41	8747.67	-270.86	143.70	-270.86	306.62	152.05	0.32
8768.00	1.41	341.26	8748.67	-270.84	143.69	-270.84	306.60	152.05	0.41
8769.00	1.42	341.13	8749.67	-270.82	143.68	-270.82	306.57	152.05	0.42
8770.00	1.42	341.04	8750.67	-270.79	143.67	-270.79	306.55	152.05	0.51
8771.00	1.42	340.88	8751.67	-270.77	143.67	-270.77	306.52	152.05	0.57
8772.00	1.43	340.55	8752.67	-270.75	143.66	-270.75	306.50	152.05	0.88
8773.00	1.43	340.33	8753.67	-270.72	143.65	-270.72	306.47	152.05	0.64
8774.00	1.43	340.17	8754.66	-270.70	143.64	-270.70	306.45	152.05	0.56
8775.00	1.44	340.01	8755.66	-270.68	143.63	-270.68	306.42	152.05	0.51
8776.00	1.44	339.87	8756.66	-270.65	143.62	-270.65	306.40	152.05	0.36
8777.00	1.44	339.72	8757.66	-270.63	143.62	-270.63	306.37	152.05	0.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8778.00	1.45	339.54	8758.66	-270.61	143.61	-270.61	306.35	152.05	0.76
8779.00	1.45	339.39	8759.66	-270.58	143.60	-270.58	306.32	152.04	0.66
8780.00	1.46	339.27	8760.66	-270.56	143.59	-270.56	306.30	152.04	0.52
8781.00	1.46	339.14	8761.66	-270.53	143.58	-270.53	306.27	152.04	0.49
8782.00	1.46	338.98	8762.66	-270.51	143.57	-270.51	306.25	152.04	0.48
8783.00	1.47	338.82	8763.66	-270.49	143.56	-270.49	306.22	152.04	0.54
8784.00	1.47	338.64	8764.66	-270.46	143.55	-270.46	306.20	152.04	0.83
8785.00	1.48	338.46	8765.66	-270.44	143.54	-270.44	306.17	152.04	0.81
8786.00	1.48	338.25	8766.66	-270.41	143.53	-270.41	306.15	152.04	0.66
8787.00	1.49	338.17	8767.66	-270.39	143.52	-270.39	306.12	152.04	0.54
8788.00	1.49	338.22	8768.66	-270.37	143.51	-270.37	306.10	152.04	0.61
8789.00	1.50	338.21	8769.66	-270.34	143.50	-270.34	306.07	152.04	0.51
8790.00	1.50	338.11	8770.66	-270.32	143.49	-270.32	306.04	152.04	0.45
8791.00	1.51	338.02	8771.66	-270.29	143.49	-270.29	306.02	152.04	0.48
8792.00	1.51	337.91	8772.66	-270.27	143.48	-270.27	305.99	152.04	0.55
8793.00	1.52	337.79	8773.66	-270.24	143.47	-270.24	305.96	152.04	0.58
8794.00	1.52	337.63	8774.66	-270.22	143.46	-270.22	305.94	152.04	0.71
8795.00	1.53	337.48	8775.66	-270.20	143.45	-270.20	305.91	152.04	0.71
8796.00	1.53	337.28	8776.66	-270.17	143.43	-270.17	305.89	152.04	0.57
8797.00	1.53	337.08	8777.66	-270.15	143.42	-270.15	305.86	152.04	0.57
8798.00	1.54	336.74	8778.66	-270.12	143.41	-270.12	305.83	152.04	1.09
8799.00	1.54	336.37	8779.66	-270.10	143.40	-270.10	305.80	152.03	1.15
8800.00	1.55	336.20	8780.66	-270.07	143.39	-270.07	305.78	152.03	0.64
8801.00	1.55	336.03	8781.66	-270.05	143.38	-270.05	305.75	152.03	0.65
8802.00	1.56	335.86	8782.66	-270.02	143.37	-270.02	305.72	152.03	0.79
8803.00	1.57	335.70	8783.65	-270.00	143.36	-270.00	305.70	152.03	0.76
8804.00	1.57	335.51	8784.65	-269.97	143.35	-269.97	305.67	152.03	0.55
8805.00	1.57	335.31	8785.65	-269.95	143.34	-269.95	305.64	152.03	0.59
8806.00	1.57	334.97	8786.65	-269.92	143.32	-269.92	305.61	152.03	0.98
8807.00	1.58	334.64	8787.65	-269.90	143.31	-269.90	305.59	152.03	0.98
8808.00	1.58	334.42	8788.65	-269.87	143.30	-269.87	305.56	152.03	0.75
8809.00	1.59	334.20	8789.65	-269.85	143.29	-269.85	305.53	152.03	0.76
8810.00	1.59	334.10	8790.65	-269.82	143.28	-269.82	305.50	152.03	0.46
8811.00	1.59	333.99	8791.65	-269.80	143.27	-269.80	305.48	152.03	0.46
8812.00	1.60	333.61	8792.65	-269.77	143.25	-269.77	305.45	152.03	1.11
8813.00	1.60	333.19	8793.65	-269.75	143.24	-269.75	305.42	152.03	1.20
8814.00	1.60	332.79	8794.65	-269.72	143.23	-269.72	305.39	152.03	1.15
8815.00	1.60	332.40	8795.65	-269.70	143.21	-269.70	305.37	152.03	1.14
8816.00	1.61	332.14	8796.65	-269.67	143.20	-269.67	305.34	152.03	0.73
8817.00	1.61	331.92	8797.65	-269.65	143.19	-269.65	305.31	152.03	0.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8818.00	1.61	331.76	8798.65	-269.62	143.18	-269.62	305.28	152.03	0.48
8819.00	1.61	331.64	8799.65	-269.60	143.16	-269.60	305.25	152.03	0.43
8820.00	1.62	331.48	8800.65	-269.57	143.15	-269.57	305.22	152.03	0.70
8821.00	1.62	331.29	8801.65	-269.55	143.14	-269.55	305.20	152.03	0.82
8822.00	1.63	331.09	8802.65	-269.53	143.12	-269.53	305.17	152.03	0.64
8823.00	1.63	330.88	8803.65	-269.50	143.11	-269.50	305.14	152.03	0.62
8824.00	1.63	330.69	8804.65	-269.48	143.09	-269.48	305.11	152.03	0.57
8825.00	1.63	330.51	8805.65	-269.45	143.08	-269.45	305.08	152.03	0.56
8826.00	1.64	330.22	8806.65	-269.43	143.07	-269.43	305.05	152.03	0.96
8827.00	1.64	329.92	8807.65	-269.40	143.05	-269.40	305.03	152.03	1.01
8828.00	1.65	329.85	8808.65	-269.38	143.04	-269.38	305.00	152.03	0.55
8829.00	1.65	329.80	8809.64	-269.35	143.02	-269.35	304.97	152.03	0.52
8830.00	1.66	329.71	8810.64	-269.33	143.01	-269.33	304.94	152.03	0.74
8831.00	1.67	329.61	8811.64	-269.30	142.99	-269.30	304.91	152.03	0.79
8832.00	1.67	329.52	8812.64	-269.28	142.98	-269.28	304.88	152.03	0.50
8833.00	1.68	329.42	8813.64	-269.25	142.96	-269.25	304.85	152.03	0.51
8834.00	1.68	329.28	8814.64	-269.23	142.95	-269.23	304.82	152.03	0.75
8835.00	1.69	329.11	8815.64	-269.20	142.93	-269.20	304.79	152.03	0.86
8836.00	1.70	328.92	8816.64	-269.18	142.92	-269.18	304.76	152.03	0.87
8837.00	1.70	328.73	8817.64	-269.15	142.90	-269.15	304.73	152.03	0.88
8838.00	1.71	328.57	8818.64	-269.12	142.89	-269.12	304.70	152.03	1.03
8839.00	1.72	328.45	8819.64	-269.10	142.87	-269.10	304.68	152.03	1.11
8840.00	1.73	328.38	8820.64	-269.07	142.86	-269.07	304.64	152.04	0.72
8841.00	1.74	328.31	8821.64	-269.05	142.84	-269.05	304.61	152.04	0.72
8842.00	1.74	328.21	8822.64	-269.02	142.82	-269.02	304.58	152.04	0.83
8843.00	1.75	328.08	8823.64	-269.00	142.81	-269.00	304.55	152.04	0.95
8844.00	1.76	327.97	8824.64	-268.97	142.79	-268.97	304.52	152.04	0.83
8845.00	1.77	327.86	8825.64	-268.94	142.78	-268.94	304.49	152.04	0.83
8846.00	1.78	327.76	8826.64	-268.92	142.76	-268.92	304.46	152.04	0.91
8847.00	1.78	327.66	8827.64	-268.89	142.74	-268.89	304.43	152.04	0.92
8848.00	1.79	327.57	8828.64	-268.87	142.73	-268.87	304.40	152.04	0.64
8849.00	1.80	327.48	8829.64	-268.84	142.71	-268.84	304.37	152.04	0.61
8850.00	1.80	327.49	8830.64	-268.81	142.69	-268.81	304.34	152.04	0.67
8851.00	1.81	327.51	8831.63	-268.79	142.68	-268.79	304.31	152.04	0.70
8852.00	1.81	327.45	8832.63	-268.76	142.66	-268.76	304.27	152.04	0.58
8853.00	1.82	327.36	8833.63	-268.73	142.64	-268.73	304.24	152.04	0.57
8854.00	1.83	327.25	8834.63	-268.71	142.62	-268.71	304.21	152.04	0.87
8855.00	1.84	327.15	8835.63	-268.68	142.61	-268.68	304.18	152.04	0.95
8856.00	1.84	327.12	8836.63	-268.65	142.59	-268.65	304.15	152.04	0.44
8857.00	1.84	327.10	8837.63	-268.62	142.57	-268.62	304.12	152.04	0.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8858.00	1.85	327.09	8838.63	-268.60	142.55	-268.60	304.08	152.04	0.50
8859.00	1.86	327.08	8839.63	-268.57	142.54	-268.57	304.05	152.04	0.58
8860.00	1.86	327.09	8840.63	-268.54	142.52	-268.54	304.02	152.04	0.84
8861.00	1.87	327.10	8841.63	-268.52	142.50	-268.52	303.99	152.05	0.84
8862.00	1.88	327.13	8842.63	-268.49	142.48	-268.49	303.95	152.05	0.71
8863.00	1.88	327.18	8843.63	-268.46	142.47	-268.46	303.92	152.05	0.59
8864.00	1.89	327.18	8844.63	-268.43	142.45	-268.43	303.89	152.05	0.38
8865.00	1.89	327.17	8845.63	-268.41	142.43	-268.41	303.86	152.05	0.36
8866.00	1.90	327.12	8846.63	-268.38	142.41	-268.38	303.82	152.05	0.45
8867.00	1.90	327.06	8847.63	-268.35	142.39	-268.35	303.79	152.05	0.48
8868.00	1.91	327.00	8848.63	-268.32	142.38	-268.32	303.76	152.05	0.50
8869.00	1.91	326.91	8849.63	-268.29	142.36	-268.29	303.72	152.05	0.59
8870.00	1.92	326.80	8850.62	-268.27	142.34	-268.27	303.69	152.05	0.67
8871.00	1.92	326.58	8851.62	-268.24	142.32	-268.24	303.66	152.05	0.99
8872.00	1.93	326.42	8852.62	-268.21	142.30	-268.21	303.62	152.05	0.80
8873.00	1.93	326.29	8853.62	-268.18	142.28	-268.18	303.59	152.05	0.68
8874.00	1.94	326.19	8854.62	-268.15	142.27	-268.15	303.56	152.05	0.62
8875.00	1.94	326.14	8855.62	-268.13	142.25	-268.13	303.52	152.05	0.48
8876.00	1.95	326.11	8856.62	-268.10	142.23	-268.10	303.49	152.05	0.35
8877.00	1.95	326.11	8857.62	-268.07	142.21	-268.07	303.45	152.05	0.16
8878.00	1.95	326.10	8858.62	-268.04	142.19	-268.04	303.42	152.06	0.42
8879.00	1.96	326.07	8859.62	-268.01	142.17	-268.01	303.39	152.06	0.81
8880.00	1.97	326.03	8860.62	-267.98	142.15	-267.98	303.35	152.06	0.75
8881.00	1.97	325.95	8861.62	-267.96	142.13	-267.96	303.32	152.06	0.55
8882.00	1.98	325.88	8862.62	-267.93	142.11	-267.93	303.28	152.06	0.50
8883.00	1.98	325.85	8863.62	-267.90	142.09	-267.90	303.25	152.06	0.10
8884.00	1.98	325.81	8864.62	-267.87	142.07	-267.87	303.22	152.06	0.13
8885.00	1.98	325.68	8865.62	-267.84	142.06	-267.84	303.18	152.06	0.69
8886.00	1.99	325.54	8866.62	-267.81	142.04	-267.81	303.15	152.06	0.69
8887.00	1.99	325.47	8867.61	-267.78	142.02	-267.78	303.11	152.06	0.38
8888.00	1.99	325.40	8868.61	-267.76	142.00	-267.76	303.08	152.06	0.38
8889.00	2.00	325.36	8869.61	-267.73	141.98	-267.73	303.04	152.06	0.52
8890.00	2.00	325.34	8870.61	-267.70	141.96	-267.70	303.01	152.06	0.54
8891.00	2.01	325.27	8871.61	-267.67	141.94	-267.67	302.97	152.06	0.45
8892.00	2.01	325.20	8872.61	-267.64	141.92	-267.64	302.94	152.07	0.44
8893.00	2.01	325.11	8873.61	-267.61	141.90	-267.61	302.90	152.07	0.51
8894.00	2.02	325.01	8874.61	-267.58	141.88	-267.58	302.87	152.07	0.53
8895.00	2.02	325.17	8875.61	-267.55	141.86	-267.55	302.83	152.07	0.72
8896.00	2.03	325.39	8876.61	-267.53	141.84	-267.53	302.80	152.07	0.88
8897.00	2.03	325.52	8877.61	-267.50	141.82	-267.50	302.76	152.07	0.78

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8898.00	2.04	325.63	8878.61	-267.47	141.80	-267.47	302.73	152.07	0.75
8899.00	2.05	325.68	8879.61	-267.44	141.78	-267.44	302.69	152.07	0.55
8900.00	2.05	325.72	8880.61	-267.41	141.76	-267.41	302.66	152.07	0.55
8901.00	2.05	325.73	8881.61	-267.38	141.74	-267.38	302.62	152.07	0.18
8902.00	2.05	325.74	8882.61	-267.35	141.72	-267.35	302.59	152.07	0.18
8903.00	2.06	325.73	8883.60	-267.32	141.70	-267.32	302.55	152.07	0.49
8904.00	2.06	325.72	8884.60	-267.29	141.67	-267.29	302.52	152.07	0.50
8905.00	2.07	325.66	8885.60	-267.26	141.65	-267.26	302.48	152.08	0.64
8906.00	2.08	325.60	8886.60	-267.23	141.63	-267.23	302.44	152.08	0.61
8907.00	2.08	325.51	8887.60	-267.20	141.61	-267.20	302.41	152.08	0.45
8908.00	2.08	325.42	8888.60	-267.17	141.59	-267.17	302.37	152.08	0.51
8909.00	2.09	325.31	8889.60	-267.14	141.57	-267.14	302.34	152.08	0.76
8910.00	2.09	325.21	8890.60	-267.11	141.55	-267.11	302.30	152.08	0.65
8911.00	2.10	325.18	8891.60	-267.08	141.53	-267.08	302.26	152.08	0.17
8912.00	2.10	325.15	8892.60	-267.05	141.51	-267.05	302.23	152.08	0.24
8913.00	2.10	325.12	8893.60	-267.02	141.49	-267.02	302.19	152.08	0.55
8914.00	2.11	325.09	8894.60	-266.99	141.47	-266.99	302.15	152.08	0.55
8915.00	2.11	325.01	8895.60	-266.96	141.45	-266.96	302.12	152.08	0.56
8916.00	2.12	324.93	8896.60	-266.93	141.43	-266.93	302.08	152.08	0.56
8917.00	2.12	324.89	8897.60	-266.90	141.40	-266.90	302.04	152.09	0.44
8918.00	2.13	324.86	8898.59	-266.87	141.38	-266.87	302.01	152.09	0.44
8919.00	2.13	324.76	8899.59	-266.84	141.36	-266.84	301.97	152.09	0.47
8920.00	2.13	324.67	8900.59	-266.81	141.34	-266.81	301.93	152.09	0.47
8921.00	2.14	324.57	8901.59	-266.78	141.32	-266.78	301.90	152.09	0.43
8922.00	2.14	324.47	8902.59	-266.75	141.30	-266.75	301.86	152.09	0.42
8923.00	2.14	324.30	8903.59	-266.72	141.28	-266.72	301.82	152.09	0.76
8924.00	2.15	324.13	8904.59	-266.69	141.25	-266.69	301.79	152.09	0.84
8925.00	2.15	323.96	8905.59	-266.66	141.23	-266.66	301.75	152.09	0.74
8926.00	2.15	323.81	8906.59	-266.63	141.21	-266.63	301.71	152.09	0.72
8927.00	2.16	323.67	8907.59	-266.60	141.19	-266.60	301.67	152.09	0.60
8928.00	2.16	323.54	8908.59	-266.57	141.16	-266.57	301.64	152.10	0.55
8929.00	2.17	323.42	8909.59	-266.54	141.14	-266.54	301.60	152.10	0.80
8930.00	2.17	323.30	8910.59	-266.50	141.12	-266.50	301.56	152.10	0.88
8931.00	2.18	323.16	8911.59	-266.47	141.10	-266.47	301.52	152.10	0.62
8932.00	2.18	323.03	8912.58	-266.44	141.07	-266.44	301.49	152.10	0.60
8933.00	2.19	322.97	8913.58	-266.41	141.05	-266.41	301.45	152.10	0.77
8934.00	2.20	322.92	8914.58	-266.38	141.03	-266.38	301.41	152.10	0.80
8935.00	2.20	322.81	8915.58	-266.35	141.00	-266.35	301.37	152.10	0.50
8936.00	2.20	322.69	8916.58	-266.32	140.98	-266.32	301.34	152.10	0.50
8937.00	2.21	322.48	8917.58	-266.29	140.96	-266.29	301.30	152.11	0.92

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8938.00	2.21	322.27	8918.58	-266.26	140.93	-266.26	301.26	152.11	0.92
8939.00	2.21	322.12	8919.58	-266.23	140.91	-266.23	301.22	152.11	0.68
8940.00	2.22	321.98	8920.58	-266.20	140.89	-266.20	301.18	152.11	0.66
8941.00	2.22	321.84	8921.58	-266.17	140.86	-266.17	301.15	152.11	0.77
8942.00	2.23	321.71	8922.58	-266.14	140.84	-266.14	301.11	152.11	0.79
8943.00	2.23	321.54	8923.58	-266.11	140.81	-266.11	301.07	152.11	0.79
8944.00	2.24	321.38	8924.58	-266.08	140.79	-266.08	301.03	152.12	0.80
8945.00	2.24	321.24	8925.58	-266.05	140.77	-266.05	300.99	152.12	0.70
8946.00	2.25	321.11	8926.57	-266.02	140.74	-266.02	300.95	152.12	0.68
8947.00	2.25	320.95	8927.57	-265.99	140.72	-265.99	300.92	152.12	0.78
8948.00	2.26	320.77	8928.57	-265.96	140.69	-265.96	300.88	152.12	0.83
8949.00	2.26	320.64	8929.57	-265.93	140.67	-265.93	300.84	152.12	0.84
8950.00	2.27	320.52	8930.57	-265.89	140.64	-265.89	300.80	152.12	0.87
8951.00	2.27	320.44	8931.57	-265.86	140.62	-265.86	300.76	152.13	0.55
8952.00	2.28	320.36	8932.57	-265.83	140.59	-265.83	300.72	152.13	0.45
8953.00	2.28	320.20	8933.57	-265.80	140.57	-265.80	300.68	152.13	0.82
8954.00	2.29	320.04	8934.57	-265.77	140.54	-265.77	300.64	152.13	0.82
8955.00	2.29	319.86	8935.57	-265.74	140.51	-265.74	300.60	152.13	0.78
8956.00	2.29	319.68	8936.57	-265.71	140.49	-265.71	300.57	152.13	0.78
8957.00	2.30	319.54	8937.57	-265.68	140.46	-265.68	300.53	152.13	0.68
8958.00	2.30	319.40	8938.56	-265.65	140.44	-265.65	300.49	152.14	0.68
8959.00	2.30	319.23	8939.56	-265.62	140.41	-265.62	300.45	152.14	0.74
8960.00	2.31	319.06	8940.56	-265.59	140.38	-265.59	300.41	152.14	0.74
8961.00	2.31	318.87	8941.56	-265.56	140.36	-265.56	300.37	152.14	0.92
8962.00	2.32	318.69	8942.56	-265.53	140.33	-265.53	300.33	152.14	0.89
8963.00	2.32	318.53	8943.56	-265.50	140.30	-265.50	300.29	152.15	0.69
8964.00	2.32	318.37	8944.56	-265.47	140.28	-265.47	300.25	152.15	0.72
8965.00	2.33	318.18	8945.56	-265.44	140.25	-265.44	300.21	152.15	0.99
8966.00	2.34	317.99	8946.56	-265.41	140.22	-265.41	300.17	152.15	0.94
8967.00	2.34	317.81	8947.56	-265.38	140.20	-265.38	300.13	152.15	0.78
8968.00	2.34	317.63	8948.56	-265.35	140.17	-265.35	300.09	152.15	0.80
8969.00	2.34	317.44	8949.56	-265.32	140.14	-265.32	300.05	152.16	0.88
8970.00	2.35	317.26	8950.56	-265.29	140.11	-265.29	300.01	152.16	0.82
8971.00	2.35	317.11	8951.55	-265.26	140.09	-265.26	299.97	152.16	0.70
8972.00	2.36	316.95	8952.55	-265.23	140.06	-265.23	299.93	152.16	0.74
8973.00	2.36	316.71	8953.55	-265.20	140.03	-265.20	299.90	152.16	1.08
8974.00	2.36	316.46	8954.55	-265.17	140.00	-265.17	299.86	152.17	1.08
8975.00	2.37	316.21	8955.55	-265.14	139.97	-265.14	299.82	152.17	1.31
8976.00	2.38	316.00	8956.55	-265.11	139.94	-265.11	299.78	152.17	1.04
8977.00	2.38	315.85	8957.55	-265.08	139.91	-265.08	299.74	152.17	0.67

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
8978.00	2.38	315.70	8958.55	-265.05	139.89	-265.05	299.70	152.18	0.67
8979.00	2.39	315.55	8959.55	-265.02	139.86	-265.02	299.66	152.18	0.80
8980.00	2.39	315.40	8960.55	-264.99	139.83	-264.99	299.62	152.18	0.82
8981.00	2.40	315.27	8961.55	-264.96	139.80	-264.96	299.58	152.18	0.94
8982.00	2.41	315.14	8962.54	-264.93	139.77	-264.93	299.54	152.19	0.99
8983.00	2.41	314.97	8963.54	-264.90	139.74	-264.90	299.50	152.19	0.92
8984.00	2.42	314.78	8964.54	-264.87	139.71	-264.87	299.46	152.19	0.92
8985.00	2.42	314.60	8965.54	-264.84	139.68	-264.84	299.42	152.19	0.84
8986.00	2.43	314.43	8966.54	-264.81	139.65	-264.81	299.38	152.19	0.83
8987.00	2.43	314.24	8967.54	-264.78	139.62	-264.78	299.34	152.20	0.96
8988.00	2.44	314.07	8968.54	-264.75	139.59	-264.75	299.29	152.20	0.91
8989.00	2.44	314.10	8969.54	-264.72	139.56	-264.72	299.25	152.20	0.50
8990.00	2.45	314.12	8970.54	-264.69	139.53	-264.69	299.21	152.20	0.50
8991.00	2.45	314.03	8971.54	-264.66	139.50	-264.66	299.17	152.21	0.60
8992.00	2.46	313.93	8972.54	-264.63	139.47	-264.63	299.13	152.21	0.61
8993.00	2.46	313.80	8973.53	-264.60	139.43	-264.60	299.09	152.21	0.62
8994.00	2.46	313.67	8974.53	-264.57	139.40	-264.57	299.05	152.22	0.62
8995.00	2.47	313.54	8975.53	-264.54	139.37	-264.54	299.01	152.22	0.82
8996.00	2.47	313.41	8976.53	-264.51	139.34	-264.51	298.97	152.22	0.83
8997.00	2.47	313.28	8977.53	-264.48	139.31	-264.48	298.93	152.22	0.60
8998.00	2.48	313.15	8978.53	-264.45	139.28	-264.45	298.89	152.23	0.60
8999.00	2.48	312.98	8979.53	-264.42	139.25	-264.42	298.85	152.23	1.02
9000.00	2.49	312.82	8980.53	-264.39	139.21	-264.39	298.81	152.23	0.94
9001.00	2.49	312.71	8981.53	-264.36	139.18	-264.36	298.77	152.23	0.62
9002.00	2.50	312.60	8982.53	-264.34	139.15	-264.34	298.72	152.24	0.62
9003.00	2.50	312.46	8983.53	-264.31	139.12	-264.31	298.68	152.24	0.65
9004.00	2.50	312.31	8984.52	-264.28	139.09	-264.28	298.64	152.24	0.67
9005.00	2.51	312.18	8985.52	-264.25	139.05	-264.25	298.60	152.25	0.75
9006.00	2.51	312.06	8986.52	-264.22	139.02	-264.22	298.56	152.25	0.84
9007.00	2.52	311.93	8987.52	-264.19	138.99	-264.19	298.52	152.25	0.88
9008.00	2.53	311.80	8988.52	-264.16	138.96	-264.16	298.48	152.25	0.91
9009.00	2.53	311.68	8989.52	-264.13	138.92	-264.13	298.44	152.26	0.83
9010.00	2.54	311.55	8990.52	-264.10	138.89	-264.10	298.39	152.26	0.77
9011.00	2.54	311.41	8991.52	-264.07	138.86	-264.07	298.35	152.26	0.91
9012.00	2.55	311.28	8992.52	-264.04	138.82	-264.04	298.31	152.27	0.97
9013.00	2.56	311.07	8993.52	-264.01	138.79	-264.01	298.27	152.27	1.17
9014.00	2.57	310.86	8994.51	-263.98	138.76	-263.98	298.23	152.27	1.23
9015.00	2.57	310.68	8995.51	-263.95	138.72	-263.95	298.19	152.28	1.09
9016.00	2.58	310.50	8996.51	-263.92	138.69	-263.92	298.14	152.28	1.07
9017.00	2.59	310.34	8997.51	-263.89	138.65	-263.89	298.10	152.28	1.07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9018.00	2.60	310.19	8998.51	-263.87	138.62	-263.87	298.06	152.29	1.07
9019.00	2.61	310.10	8999.51	-263.84	138.58	-263.84	298.02	152.29	0.84
9020.00	2.61	310.03	9000.51	-263.81	138.55	-263.81	297.98	152.29	0.82
9021.00	2.62	309.93	9001.51	-263.78	138.51	-263.78	297.93	152.30	1.12
9022.00	2.63	309.82	9002.51	-263.75	138.48	-263.75	297.89	152.30	1.15
9023.00	2.64	309.71	9003.51	-263.72	138.44	-263.72	297.85	152.30	0.98
9024.00	2.65	309.61	9004.50	-263.69	138.41	-263.69	297.81	152.31	0.97
9025.00	2.66	309.52	9005.50	-263.66	138.37	-263.66	297.76	152.31	0.93
9026.00	2.67	309.43	9006.50	-263.63	138.34	-263.63	297.72	152.31	0.93
9027.00	2.68	309.34	9007.50	-263.60	138.30	-263.60	297.68	152.32	0.91
9028.00	2.68	309.25	9008.50	-263.57	138.27	-263.57	297.64	152.32	0.94
9029.00	2.69	309.16	9009.50	-263.54	138.23	-263.54	297.59	152.32	1.21
9030.00	2.71	309.06	9010.50	-263.51	138.19	-263.51	297.55	152.33	1.22
9031.00	2.72	308.92	9011.50	-263.48	138.16	-263.48	297.51	152.33	1.24
9032.00	2.73	308.79	9012.50	-263.45	138.12	-263.45	297.46	152.33	1.25
9033.00	2.74	308.70	9013.49	-263.42	138.08	-263.42	297.42	152.34	1.07
9034.00	2.75	308.62	9014.49	-263.39	138.04	-263.39	297.37	152.34	1.05
9035.00	2.76	308.52	9015.49	-263.36	138.01	-263.36	297.33	152.34	1.08
9036.00	2.77	308.41	9016.49	-263.33	137.97	-263.33	297.29	152.35	1.08
9037.00	2.78	308.26	9017.49	-263.30	137.93	-263.30	297.24	152.35	1.18
9038.00	2.79	308.11	9018.49	-263.27	137.89	-263.27	297.20	152.36	1.21
9039.00	2.79	307.97	9019.49	-263.24	137.85	-263.24	297.15	152.36	1.16
9040.00	2.80	307.83	9020.49	-263.21	137.82	-263.21	297.11	152.36	1.15
9041.00	2.82	307.68	9021.49	-263.18	137.78	-263.18	297.07	152.37	1.36
9042.00	2.83	307.52	9022.48	-263.15	137.74	-263.15	297.02	152.37	1.41
9043.00	2.84	307.40	9023.48	-263.12	137.70	-263.12	296.98	152.38	1.41
9044.00	2.85	307.28	9024.48	-263.09	137.66	-263.09	296.93	152.38	1.41
9045.00	2.86	307.11	9025.48	-263.06	137.62	-263.06	296.89	152.38	1.27
9046.00	2.87	306.93	9026.48	-263.03	137.58	-263.03	296.84	152.39	1.27
9047.00	2.88	306.78	9027.48	-263.00	137.54	-263.00	296.79	152.39	1.35
9048.00	2.89	306.63	9028.48	-262.97	137.50	-262.97	296.75	152.40	1.36
9049.00	2.89	306.58	9029.48	-262.94	137.46	-262.94	296.70	152.40	0.22
9050.00	2.89	306.54	9030.47	-262.91	137.42	-262.91	296.66	152.40	0.22
9051.00	2.90	306.50	9031.47	-262.88	137.38	-262.88	296.61	152.41	0.22
9052.00	2.90	306.46	9032.47	-262.85	137.34	-262.85	296.57	152.41	0.22
9053.00	2.90	306.42	9033.47	-262.82	137.30	-262.82	296.52	152.42	0.22
9054.00	2.90	306.38	9034.47	-262.79	137.26	-262.79	296.48	152.42	0.22
9055.00	2.90	306.33	9035.47	-262.76	137.21	-262.76	296.43	152.43	0.22
9056.00	2.90	306.29	9036.47	-262.73	137.17	-262.73	296.39	152.43	0.22
9057.00	2.90	306.25	9037.46	-262.70	137.13	-262.70	296.34	152.43	0.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9058.00	2.90	306.21	9038.46	-262.67	137.09	-262.67	296.30	152.44	0.22
9059.00	2.90	306.17	9039.46	-262.64	137.05	-262.64	296.25	152.44	0.22
9060.00	2.90	306.13	9040.46	-262.61	137.01	-262.61	296.20	152.45	0.22
9061.00	2.90	306.08	9041.46	-262.58	136.97	-262.58	296.16	152.45	0.22
9062.00	2.90	306.04	9042.46	-262.55	136.93	-262.55	296.11	152.46	0.22
9063.00	2.90	306.00	9043.46	-262.52	136.89	-262.52	296.07	152.46	0.22
9064.00	2.90	305.96	9044.46	-262.49	136.85	-262.49	296.02	152.47	0.22
9065.00	2.90	305.92	9045.45	-262.46	136.81	-262.46	295.98	152.47	0.22
9066.00	2.91	305.87	9046.45	-262.43	136.76	-262.43	295.93	152.47	0.22
9067.00	2.91	305.83	9047.45	-262.40	136.72	-262.40	295.89	152.48	0.22
9068.00	2.91	305.79	9048.45	-262.37	136.68	-262.37	295.84	152.48	0.22
9069.00	2.91	305.75	9049.45	-262.34	136.64	-262.34	295.80	152.49	0.22
9070.00	2.91	305.71	9050.45	-262.32	136.60	-262.32	295.75	152.49	0.22
9071.00	2.91	305.67	9051.45	-262.29	136.56	-262.29	295.71	152.50	0.22
9072.00	2.91	305.62	9052.45	-262.26	136.52	-262.26	295.66	152.50	0.22
9073.00	2.91	305.58	9053.44	-262.23	136.48	-262.23	295.62	152.51	0.22
9074.00	2.91	305.51	9054.44	-262.20	136.44	-262.20	295.57	152.51	0.39
9075.00	2.92	305.38	9055.44	-262.17	136.39	-262.17	295.52	152.51	0.78
9076.00	2.92	305.24	9056.44	-262.14	136.35	-262.14	295.48	152.52	0.78
9077.00	2.92	305.11	9057.44	-262.11	136.31	-262.11	295.43	152.52	0.78
9078.00	2.93	304.97	9058.44	-262.08	136.27	-262.08	295.39	152.53	0.79
9079.00	2.93	304.81	9059.44	-262.05	136.23	-262.05	295.34	152.53	0.81
9080.00	2.93	304.66	9060.44	-262.02	136.18	-262.02	295.30	152.54	0.92
9081.00	2.94	304.50	9061.43	-261.99	136.14	-261.99	295.25	152.54	1.15
9082.00	2.95	304.36	9062.43	-261.96	136.10	-261.96	295.21	152.55	1.05
9083.00	2.95	304.23	9063.43	-261.93	136.06	-261.93	295.16	152.55	0.89
9084.00	2.96	304.10	9064.43	-261.90	136.02	-261.90	295.12	152.56	0.90
9085.00	2.97	303.97	9065.43	-261.88	135.97	-261.88	295.07	152.56	0.92
9086.00	2.97	303.84	9066.43	-261.85	135.93	-261.85	295.03	152.57	0.84
9087.00	2.98	303.73	9067.43	-261.82	135.89	-261.82	294.98	152.57	0.72
9088.00	2.98	303.70	9068.42	-261.79	135.84	-261.79	294.94	152.58	0.42
9089.00	2.98	303.81	9069.42	-261.76	135.80	-261.76	294.89	152.58	0.68
9090.00	2.99	303.84	9070.42	-261.73	135.76	-261.73	294.84	152.58	0.21
9091.00	2.99	303.78	9071.42	-261.70	135.71	-261.70	294.80	152.59	0.29
9092.00	2.99	303.73	9072.42	-261.67	135.67	-261.67	294.75	152.59	0.38
9093.00	2.99	303.68	9073.42	-261.64	135.63	-261.64	294.71	152.60	0.56
9094.00	3.00	303.65	9074.42	-261.62	135.58	-261.62	294.66	152.60	0.54
9095.00	3.00	303.62	9075.42	-261.59	135.54	-261.59	294.62	152.61	0.53
9096.00	3.01	303.56	9076.41	-261.56	135.50	-261.56	294.57	152.61	0.39
9097.00	3.01	303.48	9077.41	-261.53	135.45	-261.53	294.52	152.62	0.42

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9098.00	3.01	303.40	9078.41	-261.50	135.41	-261.50	294.48	152.62	0.45
9099.00	3.01	303.32	9079.41	-261.47	135.36	-261.47	294.43	152.63	0.45
9100.00	3.02	303.30	9080.41	-261.44	135.32	-261.44	294.39	152.63	0.67
9101.00	3.02	303.28	9081.41	-261.41	135.28	-261.41	294.34	152.64	0.72
9102.00	3.03	303.24	9082.41	-261.38	135.23	-261.38	294.29	152.64	0.37
9103.00	3.03	303.21	9083.40	-261.36	135.19	-261.36	294.25	152.65	0.34
9104.00	3.03	303.19	9084.40	-261.33	135.14	-261.33	294.20	152.65	0.18
9105.00	3.03	303.18	9085.40	-261.30	135.10	-261.30	294.16	152.66	0.18
9106.00	3.04	303.15	9086.40	-261.27	135.06	-261.27	294.11	152.66	0.41
9107.00	3.04	303.11	9087.40	-261.24	135.01	-261.24	294.06	152.67	0.42
9108.00	3.04	303.10	9088.40	-261.21	134.97	-261.21	294.02	152.67	0.27
9109.00	3.05	303.09	9089.40	-261.18	134.92	-261.18	293.97	152.68	0.27
9110.00	3.05	303.07	9090.39	-261.15	134.88	-261.15	293.93	152.68	0.17
9111.00	3.05	303.05	9091.39	-261.12	134.83	-261.12	293.88	152.69	0.16
9112.00	3.05	302.95	9092.39	-261.09	134.79	-261.09	293.83	152.70	0.57
9113.00	3.06	302.69	9093.39	-261.07	134.74	-261.07	293.79	152.70	1.53
9114.00	3.06	302.47	9094.39	-261.04	134.70	-261.04	293.74	152.71	1.20
9115.00	3.06	302.30	9095.39	-261.01	134.65	-261.01	293.70	152.71	0.87
9116.00	3.06	302.22	9096.39	-260.98	134.61	-260.98	293.65	152.72	0.47
9117.00	3.06	302.13	9097.38	-260.95	134.56	-260.95	293.60	152.72	0.50
9118.00	3.06	302.03	9098.38	-260.92	134.52	-260.92	293.56	152.73	0.68
9119.00	3.06	301.94	9099.38	-260.89	134.47	-260.89	293.51	152.73	0.51
9120.00	3.06	301.87	9100.38	-260.87	134.43	-260.87	293.47	152.74	0.36
9121.00	3.06	301.82	9101.38	-260.84	134.38	-260.84	293.42	152.74	0.30
9122.00	3.07	301.78	9102.38	-260.81	134.34	-260.81	293.37	152.75	0.35
9123.00	3.07	301.74	9103.38	-260.78	134.29	-260.78	293.33	152.75	0.30
9124.00	3.07	301.69	9104.37	-260.75	134.25	-260.75	293.28	152.76	0.28
9125.00	3.07	301.68	9105.37	-260.73	134.20	-260.73	293.24	152.76	0.04
9126.00	3.07	301.74	9106.37	-260.70	134.15	-260.70	293.19	152.77	0.31
9127.00	3.07	301.78	9107.37	-260.67	134.11	-260.67	293.14	152.78	0.22
9128.00	3.07	301.79	9108.37	-260.64	134.06	-260.64	293.10	152.78	0.10
9129.00	3.07	301.83	9109.37	-260.61	134.02	-260.61	293.05	152.79	0.26
9130.00	3.08	301.88	9110.37	-260.58	133.97	-260.58	293.01	152.79	0.57
9131.00	3.08	301.87	9111.36	-260.56	133.93	-260.56	292.96	152.80	0.15
9132.00	3.08	301.85	9112.36	-260.53	133.88	-260.53	292.91	152.80	0.15
9133.00	3.08	301.82	9113.36	-260.50	133.84	-260.50	292.87	152.81	0.19
9134.00	3.08	301.75	9114.36	-260.47	133.79	-260.47	292.82	152.81	0.36
9135.00	3.08	301.70	9115.36	-260.44	133.74	-260.44	292.78	152.82	0.27
9136.00	3.08	301.69	9116.36	-260.41	133.70	-260.41	292.73	152.82	0.25
9137.00	3.08	301.68	9117.36	-260.39	133.65	-260.39	292.68	152.83	0.24

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9138.00	3.09	301.65	9118.35	-260.36	133.61	-260.36	292.64	152.83	0.25
9139.00	3.09	301.64	9119.35	-260.33	133.56	-260.33	292.59	152.84	0.20
9140.00	3.09	301.68	9120.35	-260.30	133.52	-260.30	292.55	152.85	0.30
9141.00	3.09	301.69	9121.35	-260.27	133.47	-260.27	292.50	152.85	0.30
9142.00	3.10	301.69	9122.35	-260.25	133.42	-260.25	292.45	152.86	0.32
9143.00	3.10	301.70	9123.35	-260.22	133.38	-260.22	292.41	152.86	0.23
9144.00	3.10	301.72	9124.35	-260.19	133.33	-260.19	292.36	152.87	0.12
9145.00	3.10	301.74	9125.34	-260.16	133.29	-260.16	292.32	152.87	0.13
9146.00	3.10	301.77	9126.34	-260.13	133.24	-260.13	292.27	152.88	0.26
9147.00	3.10	301.80	9127.34	-260.10	133.19	-260.10	292.22	152.88	0.20
9148.00	3.10	301.84	9128.34	-260.07	133.15	-260.07	292.18	152.89	0.44
9149.00	3.11	301.79	9129.34	-260.05	133.10	-260.05	292.13	152.89	0.48
9150.00	3.11	301.70	9130.34	-260.02	133.06	-260.02	292.08	152.90	0.68
9151.00	3.11	301.60	9131.34	-259.99	133.01	-259.99	292.04	152.91	0.54
9152.00	3.11	301.50	9132.33	-259.96	132.96	-259.96	291.99	152.91	0.54
9153.00	3.11	301.44	9133.33	-259.93	132.92	-259.93	291.94	152.92	0.38
9154.00	3.11	301.38	9134.33	-259.90	132.87	-259.90	291.90	152.92	0.36
9155.00	3.12	301.35	9135.33	-259.88	132.82	-259.88	291.85	152.93	0.41
9156.00	3.12	301.33	9136.33	-259.85	132.78	-259.85	291.81	152.93	0.44
9157.00	3.12	301.33	9137.33	-259.82	132.73	-259.82	291.76	152.94	0.11
9158.00	3.12	301.34	9138.32	-259.79	132.68	-259.79	291.71	152.94	0.07
9159.00	3.13	301.35	9139.32	-259.76	132.64	-259.76	291.67	152.95	0.57
9160.00	3.14	301.36	9140.32	-259.73	132.59	-259.73	291.62	152.96	0.70
9161.00	3.13	301.33	9141.32	-259.71	132.54	-259.71	291.57	152.96	0.18
9162.00	3.13	301.30	9142.32	-259.68	132.50	-259.68	291.53	152.97	0.16
9163.00	3.14	301.30	9143.32	-259.65	132.45	-259.65	291.48	152.97	0.21
9164.00	3.14	301.29	9144.32	-259.62	132.40	-259.62	291.43	152.98	0.21
9165.00	3.14	301.31	9145.31	-259.59	132.36	-259.59	291.39	152.98	0.31
9166.00	3.14	301.33	9146.31	-259.56	132.31	-259.56	291.34	152.99	0.34
9167.00	3.15	301.33	9147.31	-259.53	132.26	-259.53	291.29	153.00	0.38
9168.00	3.15	301.33	9148.31	-259.51	132.22	-259.51	291.25	153.00	0.40
9169.00	3.15	301.36	9149.31	-259.48	132.17	-259.48	291.20	153.01	0.18
9170.00	3.15	301.40	9150.31	-259.45	132.12	-259.45	291.15	153.01	0.29
9171.00	3.15	301.45	9151.31	-259.42	132.08	-259.42	291.11	153.02	0.33
9172.00	3.15	301.50	9152.30	-259.39	132.03	-259.39	291.06	153.02	0.41
9173.00	3.15	301.56	9153.30	-259.36	131.98	-259.36	291.01	153.03	0.37
9174.00	3.15	301.63	9154.30	-259.33	131.94	-259.33	290.97	153.04	0.42
9175.00	3.15	301.71	9155.30	-259.31	131.89	-259.31	290.92	153.04	0.44
9176.00	3.15	301.79	9156.30	-259.28	131.84	-259.28	290.87	153.05	0.41
9177.00	3.15	301.83	9157.30	-259.25	131.80	-259.25	290.82	153.05	0.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9178.00	3.15	301.88	9158.29	-259.22	131.75	-259.22	290.78	153.06	0.34
9179.00	3.15	301.95	9159.29	-259.19	131.70	-259.19	290.73	153.06	0.41
9180.00	3.15	302.04	9160.29	-259.16	131.66	-259.16	290.68	153.07	0.50
9181.00	3.14	302.10	9161.29	-259.13	131.61	-259.13	290.64	153.07	0.61
9182.00	3.14	302.16	9162.29	-259.10	131.56	-259.10	290.59	153.08	0.74
9183.00	3.13	302.23	9163.29	-259.07	131.52	-259.07	290.54	153.09	0.46
9184.00	3.13	302.31	9164.29	-259.04	131.47	-259.04	290.50	153.09	0.43
9185.00	3.13	302.38	9165.28	-259.01	131.42	-259.01	290.45	153.10	0.46
9186.00	3.13	302.45	9166.28	-258.99	131.38	-258.99	290.40	153.10	0.48
9187.00	3.12	302.51	9167.28	-258.96	131.33	-258.96	290.36	153.11	0.57
9188.00	3.12	302.57	9168.28	-258.93	131.29	-258.93	290.31	153.11	0.55
9189.00	3.12	302.59	9169.28	-258.90	131.24	-258.90	290.26	153.12	0.31
9190.00	3.11	302.60	9170.28	-258.87	131.19	-258.87	290.21	153.12	0.26
9191.00	3.11	302.58	9171.28	-258.84	131.15	-258.84	290.17	153.13	0.16
9192.00	3.11	302.58	9172.27	-258.81	131.10	-258.81	290.12	153.13	0.31
9193.00	3.10	302.62	9173.27	-258.78	131.06	-258.78	290.07	153.14	0.85
9194.00	3.09	302.67	9174.27	-258.75	131.01	-258.75	290.03	153.15	0.65
9195.00	3.09	302.70	9175.27	-258.72	130.97	-258.72	289.98	153.15	0.25
9196.00	3.09	302.73	9176.27	-258.69	130.92	-258.69	289.94	153.16	0.23
9197.00	3.09	302.71	9177.27	-258.66	130.88	-258.66	289.89	153.16	0.35
9198.00	3.08	302.71	9178.26	-258.63	130.83	-258.63	289.84	153.17	0.48
9199.00	3.08	302.74	9179.26	-258.61	130.79	-258.61	289.80	153.17	0.70
9200.00	3.07	302.77	9180.26	-258.58	130.74	-258.58	289.75	153.18	0.61
9201.00	3.07	302.78	9181.26	-258.55	130.70	-258.55	289.70	153.18	0.42
9202.00	3.06	302.80	9182.26	-258.52	130.65	-258.52	289.66	153.19	0.45
9203.00	3.06	302.86	9183.26	-258.49	130.61	-258.49	289.61	153.19	0.60
9204.00	3.05	302.91	9184.26	-258.46	130.56	-258.46	289.57	153.20	0.60
9205.00	3.05	302.98	9185.25	-258.43	130.52	-258.43	289.52	153.20	0.63
9206.00	3.04	303.07	9186.25	-258.40	130.47	-258.40	289.47	153.21	0.75
9207.00	3.03	303.25	9187.25	-258.37	130.43	-258.37	289.43	153.22	1.29
9208.00	3.02	303.41	9188.25	-258.34	130.38	-258.34	289.38	153.22	1.18
9209.00	3.02	303.49	9189.25	-258.32	130.34	-258.32	289.34	153.23	0.74
9210.00	3.01	303.56	9190.25	-258.29	130.30	-258.29	289.29	153.23	0.74
9211.00	3.00	303.61	9191.25	-258.26	130.25	-258.26	289.24	153.24	0.73
9212.00	3.00	303.67	9192.25	-258.23	130.21	-258.23	289.20	153.24	0.72
9213.00	2.99	303.75	9193.24	-258.20	130.16	-258.20	289.15	153.25	0.73
9214.00	2.99	303.84	9194.24	-258.17	130.12	-258.17	289.11	153.25	0.74
9215.00	2.98	303.96	9195.24	-258.14	130.08	-258.14	289.06	153.26	0.92
9216.00	2.97	304.08	9196.24	-258.11	130.04	-258.11	289.02	153.26	0.92
9217.00	2.97	304.21	9197.24	-258.08	129.99	-258.08	288.97	153.27	0.92

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9218.00	2.96	304.33	9198.24	-258.05	129.95	-258.05	288.93	153.27	0.93
9219.00	2.95	304.45	9199.24	-258.03	129.91	-258.03	288.88	153.28	1.01
9220.00	2.95	304.57	9200.23	-258.00	129.86	-258.00	288.84	153.28	0.82
9221.00	2.94	304.69	9201.23	-257.97	129.82	-257.97	288.79	153.29	0.72
9222.00	2.94	304.81	9202.23	-257.94	129.78	-257.94	288.75	153.29	0.77
9223.00	2.93	304.98	9203.23	-257.91	129.74	-257.91	288.70	153.30	1.25
9224.00	2.92	305.13	9204.23	-257.88	129.70	-257.88	288.66	153.30	0.97
9225.00	2.92	305.26	9205.23	-257.85	129.65	-257.85	288.61	153.31	0.72
9226.00	2.92	305.39	9206.23	-257.82	129.61	-257.82	288.57	153.31	0.78
9227.00	2.91	305.53	9207.23	-257.79	129.57	-257.79	288.52	153.31	1.05
9228.00	2.90	305.66	9208.22	-257.76	129.53	-257.76	288.48	153.32	0.92
9229.00	2.90	305.76	9209.22	-257.73	129.49	-257.73	288.43	153.32	0.62
9230.00	2.89	305.83	9210.22	-257.70	129.45	-257.70	288.39	153.33	0.49
9231.00	2.89	305.86	9211.22	-257.67	129.41	-257.67	288.34	153.33	0.39
9232.00	2.89	305.92	9212.22	-257.64	129.37	-257.64	288.30	153.34	0.51
9233.00	2.88	306.00	9213.22	-257.61	129.33	-257.61	288.25	153.34	0.65
9234.00	2.88	306.10	9214.22	-257.58	129.29	-257.58	288.21	153.35	0.63
9235.00	2.87	306.21	9215.22	-257.55	129.24	-257.55	288.16	153.35	0.64
9236.00	2.87	306.31	9216.21	-257.53	129.20	-257.53	288.12	153.36	0.58
9237.00	2.87	306.39	9217.21	-257.50	129.16	-257.50	288.08	153.36	0.52
9238.00	2.86	306.50	9218.21	-257.47	129.12	-257.47	288.03	153.37	0.65
9239.00	2.86	306.62	9219.21	-257.44	129.08	-257.44	287.99	153.37	0.74
9240.00	2.86	306.72	9220.21	-257.41	129.04	-257.41	287.94	153.37	0.69
9241.00	2.85	306.80	9221.21	-257.38	129.00	-257.38	287.90	153.38	0.67
9242.00	2.85	306.87	9222.21	-257.35	128.96	-257.35	287.85	153.38	0.43
9243.00	2.85	306.94	9223.21	-257.32	128.92	-257.32	287.81	153.39	0.35
9244.00	2.85	307.04	9224.20	-257.29	128.88	-257.29	287.76	153.39	0.51
9245.00	2.84	307.18	9225.20	-257.26	128.85	-257.26	287.72	153.40	0.73
9246.00	2.84	307.21	9226.20	-257.23	128.81	-257.23	287.67	153.40	0.21
9247.00	2.84	307.22	9227.20	-257.20	128.77	-257.20	287.63	153.41	0.11
9248.00	2.84	307.23	9228.20	-257.17	128.73	-257.17	287.59	153.41	0.09
9249.00	2.84	307.24	9229.20	-257.14	128.69	-257.14	287.54	153.41	0.10
9250.00	2.84	307.26	9230.20	-257.11	128.65	-257.11	287.50	153.42	0.32
9251.00	2.83	307.28	9231.20	-257.08	128.61	-257.08	287.45	153.42	0.35
9252.00	2.83	307.28	9232.19	-257.05	128.57	-257.05	287.41	153.43	0.34
9253.00	2.83	307.24	9233.19	-257.02	128.53	-257.02	287.36	153.43	0.39
9254.00	2.82	307.23	9234.19	-256.99	128.49	-256.99	287.32	153.44	0.35
9255.00	2.82	307.26	9235.19	-256.96	128.45	-256.96	287.28	153.44	0.38
9256.00	2.82	307.29	9236.19	-256.93	128.41	-256.93	287.23	153.44	0.18
9257.00	2.82	307.32	9237.19	-256.90	128.37	-256.90	287.19	153.45	0.15

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9258.00	2.82	307.35	9238.19	-256.87	128.33	-256.87	287.14	153.45	0.20
9259.00	2.81	307.40	9239.19	-256.84	128.30	-256.84	287.10	153.46	0.35
9260.00	2.81	307.43	9240.18	-256.81	128.26	-256.81	287.05	153.46	0.40
9261.00	2.81	307.46	9241.18	-256.78	128.22	-256.78	287.01	153.47	0.43
9262.00	2.81	307.48	9242.18	-256.75	128.18	-256.75	286.97	153.47	0.16
9263.00	2.81	307.50	9243.18	-256.72	128.14	-256.72	286.92	153.47	0.10
9264.00	2.80	307.53	9244.18	-256.69	128.10	-256.69	286.88	153.48	0.18
9265.00	2.80	307.56	9245.18	-256.66	128.06	-256.66	286.83	153.48	0.24
9266.00	2.80	307.55	9246.18	-256.63	128.02	-256.63	286.79	153.49	0.35
9267.00	2.79	307.52	9247.18	-256.60	127.98	-256.60	286.75	153.49	0.43
9268.00	2.79	307.50	9248.17	-256.57	127.95	-256.57	286.70	153.50	0.36
9269.00	2.79	307.48	9249.17	-256.54	127.91	-256.54	286.66	153.50	0.32
9270.00	2.79	307.49	9250.17	-256.51	127.87	-256.51	286.62	153.50	0.11
9271.00	2.79	307.53	9251.17	-256.48	127.83	-256.48	286.57	153.51	0.17
9272.00	2.79	307.58	9252.17	-256.45	127.79	-256.45	286.53	153.51	0.30
9273.00	2.79	307.65	9253.17	-256.42	127.75	-256.42	286.48	153.52	0.36
9274.00	2.79	307.68	9254.17	-256.39	127.71	-256.39	286.44	153.52	0.13
9275.00	2.79	307.69	9255.17	-256.36	127.68	-256.36	286.40	153.53	0.11
9276.00	2.79	307.74	9256.17	-256.33	127.64	-256.33	286.35	153.53	0.37
9277.00	2.79	307.79	9257.16	-256.30	127.60	-256.30	286.31	153.53	0.40
9278.00	2.79	307.88	9258.16	-256.27	127.56	-256.27	286.27	153.54	0.48
9279.00	2.79	307.98	9259.16	-256.24	127.52	-256.24	286.22	153.54	0.52
9280.00	2.79	308.03	9260.16	-256.21	127.48	-256.21	286.18	153.55	0.44
9281.00	2.78	308.08	9261.16	-256.18	127.45	-256.18	286.13	153.55	0.38
9282.00	2.79	308.09	9262.16	-256.15	127.41	-256.15	286.09	153.55	0.25
9283.00	2.79	308.10	9263.16	-256.12	127.37	-256.12	286.05	153.56	0.19
9284.00	2.78	308.10	9264.16	-256.09	127.33	-256.09	286.00	153.56	0.42
9285.00	2.78	308.09	9265.15	-256.06	127.29	-256.06	285.96	153.57	0.38
9286.00	2.78	308.11	9266.15	-256.03	127.25	-256.03	285.91	153.57	0.10
9287.00	2.78	308.14	9267.15	-256.00	127.22	-256.00	285.87	153.58	0.16
9288.00	2.78	308.23	9268.15	-255.97	127.18	-255.97	285.83	153.58	0.42
9289.00	2.78	308.30	9269.15	-255.94	127.14	-255.94	285.78	153.58	0.35
9290.00	2.77	308.32	9270.15	-255.91	127.10	-255.91	285.74	153.59	0.30
9291.00	2.77	308.32	9271.15	-255.88	127.06	-255.88	285.70	153.59	0.32
9292.00	2.77	308.30	9272.15	-255.85	127.03	-255.85	285.65	153.60	0.45
9293.00	2.76	308.27	9273.15	-255.82	126.99	-255.82	285.61	153.60	0.36
9294.00	2.76	308.24	9274.14	-255.79	126.95	-255.79	285.56	153.60	0.17
9295.00	2.76	308.21	9275.14	-255.76	126.91	-255.76	285.52	153.61	0.19
9296.00	2.76	308.17	9276.14	-255.73	126.87	-255.73	285.48	153.61	0.49
9297.00	2.75	308.14	9277.14	-255.70	126.84	-255.70	285.43	153.62	0.61

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9298.00	2.74	308.12	9278.14	-255.68	126.80	-255.68	285.39	153.62	0.91
9299.00	2.74	308.11	9279.14	-255.65	126.76	-255.65	285.35	153.63	0.74
9300.00	2.73	308.12	9280.14	-255.62	126.72	-255.62	285.30	153.63	0.34
9301.00	2.73	308.09	9281.14	-255.59	126.69	-255.59	285.26	153.63	0.29
9302.00	2.73	308.01	9282.14	-255.56	126.65	-255.56	285.22	153.64	0.40
9303.00	2.73	307.93	9283.13	-255.53	126.61	-255.53	285.18	153.64	0.44
9304.00	2.72	307.86	9284.13	-255.50	126.57	-255.50	285.13	153.65	0.54
9305.00	2.72	307.80	9285.13	-255.47	126.54	-255.47	285.09	153.65	0.42
9306.00	2.72	307.78	9286.13	-255.44	126.50	-255.44	285.05	153.65	0.24
9307.00	2.71	307.78	9287.13	-255.41	126.46	-255.41	285.00	153.66	0.29
9308.00	2.71	307.81	9288.13	-255.38	126.42	-255.38	284.96	153.66	0.39
9309.00	2.71	307.84	9289.13	-255.35	126.39	-255.35	284.92	153.67	0.44
9310.00	2.70	307.88	9290.13	-255.32	126.35	-255.32	284.88	153.67	0.49
9311.00	2.70	307.87	9291.12	-255.30	126.31	-255.30	284.83	153.68	0.31
9312.00	2.70	307.82	9292.12	-255.27	126.28	-255.27	284.79	153.68	0.30
9313.00	2.70	307.77	9293.12	-255.24	126.24	-255.24	284.75	153.68	0.34
9314.00	2.69	307.72	9294.12	-255.21	126.20	-255.21	284.71	153.69	0.95
9315.00	2.68	307.73	9295.12	-255.18	126.16	-255.18	284.67	153.69	0.70
9316.00	2.67	307.78	9296.12	-255.15	126.13	-255.15	284.62	153.70	0.59
9317.00	2.67	307.82	9297.12	-255.12	126.09	-255.12	284.58	153.70	0.59
9318.00	2.66	307.84	9298.12	-255.10	126.05	-255.10	284.54	153.70	0.61
9319.00	2.66	307.83	9299.12	-255.07	126.02	-255.07	284.50	153.71	0.20
9320.00	2.66	307.80	9300.12	-255.04	125.98	-255.04	284.46	153.71	0.15
9321.00	2.65	307.73	9301.11	-255.01	125.94	-255.01	284.41	153.72	0.61
9322.00	2.65	307.66	9302.11	-254.98	125.91	-254.98	284.37	153.72	0.83
9323.00	2.64	307.61	9303.11	-254.95	125.87	-254.95	284.33	153.72	0.65
9324.00	2.64	307.57	9304.11	-254.93	125.83	-254.93	284.29	153.73	0.58
9325.00	2.63	307.45	9305.11	-254.90	125.80	-254.90	284.25	153.73	0.86
9326.00	2.62	307.26	9306.11	-254.87	125.76	-254.87	284.21	153.74	1.20
9327.00	2.61	307.12	9307.11	-254.84	125.72	-254.84	284.17	153.74	0.84
9328.00	2.61	307.01	9308.11	-254.81	125.69	-254.81	284.13	153.74	0.75
9329.00	2.60	306.88	9309.11	-254.79	125.65	-254.79	284.09	153.75	0.97
9330.00	2.59	306.76	9310.10	-254.76	125.62	-254.76	284.05	153.75	1.07
9331.00	2.58	306.59	9311.10	-254.73	125.58	-254.73	284.01	153.76	1.14
9332.00	2.58	306.41	9312.10	-254.71	125.54	-254.71	283.97	153.76	1.17
9333.00	2.57	306.29	9313.10	-254.68	125.51	-254.68	283.93	153.77	1.00
9334.00	2.56	306.18	9314.10	-254.65	125.47	-254.65	283.89	153.77	0.99
9335.00	2.55	306.04	9315.10	-254.63	125.44	-254.63	283.85	153.77	0.78
9336.00	2.55	305.88	9316.10	-254.60	125.40	-254.60	283.81	153.78	0.77
9337.00	2.54	305.68	9317.10	-254.57	125.36	-254.57	283.77	153.78	1.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9338.00	2.53	305.48	9318.10	-254.55	125.33	-254.55	283.73	153.79	1.19
9339.00	2.53	305.31	9319.10	-254.52	125.29	-254.52	283.69	153.79	0.94
9340.00	2.52	305.13	9320.09	-254.50	125.26	-254.50	283.65	153.80	0.92
9341.00	2.52	304.97	9321.09	-254.47	125.22	-254.47	283.61	153.80	0.81
9342.00	2.52	304.82	9322.09	-254.45	125.18	-254.45	283.57	153.80	0.78
9343.00	2.51	304.74	9323.09	-254.42	125.15	-254.42	283.54	153.81	0.55
9344.00	2.51	304.66	9324.09	-254.40	125.11	-254.40	283.50	153.81	0.58
9345.00	2.50	304.53	9325.09	-254.37	125.08	-254.37	283.46	153.82	0.71
9346.00	2.50	304.43	9326.09	-254.35	125.04	-254.35	283.42	153.82	0.63
9347.00	2.50	304.35	9327.09	-254.32	125.00	-254.32	283.38	153.83	0.44
9348.00	2.49	304.30	9328.09	-254.30	124.97	-254.30	283.35	153.83	0.38
9349.00	2.49	304.31	9329.09	-254.27	124.93	-254.27	283.31	153.83	0.34
9350.00	2.49	304.29	9330.09	-254.25	124.90	-254.25	283.27	153.84	0.27
9351.00	2.49	304.24	9331.08	-254.23	124.86	-254.23	283.23	153.84	0.24
9352.00	2.49	304.23	9332.08	-254.20	124.82	-254.20	283.19	153.85	0.07
9353.00	2.48	304.27	9333.08	-254.18	124.79	-254.18	283.16	153.85	0.15
9354.00	2.48	304.27	9334.08	-254.15	124.75	-254.15	283.12	153.86	0.18
9355.00	2.48	304.26	9335.08	-254.13	124.72	-254.13	283.08	153.86	0.26
9356.00	2.48	304.25	9336.08	-254.10	124.68	-254.10	283.04	153.86	0.22
9357.00	2.48	304.24	9337.08	-254.08	124.64	-254.08	283.01	153.87	0.19
9358.00	2.48	304.24	9338.08	-254.06	124.61	-254.06	282.97	153.87	0.10
9359.00	2.48	304.26	9339.08	-254.03	124.57	-254.03	282.93	153.88	0.23
9360.00	2.48	304.26	9340.08	-254.01	124.54	-254.01	282.89	153.88	0.04
9361.00	2.48	304.25	9341.07	-253.98	124.50	-253.98	282.86	153.89	0.30
9362.00	2.47	304.24	9342.07	-253.96	124.47	-253.96	282.82	153.89	0.32
9363.00	2.47	304.23	9343.07	-253.93	124.43	-253.93	282.78	153.89	0.32
9364.00	2.47	304.17	9344.07	-253.91	124.39	-253.91	282.74	153.90	0.26
9365.00	2.47	304.10	9345.07	-253.89	124.36	-253.89	282.71	153.90	0.29
9366.00	2.47	304.08	9346.07	-253.86	124.32	-253.86	282.67	153.91	0.12
9367.00	2.47	304.06	9347.07	-253.84	124.29	-253.84	282.63	153.91	0.12
9368.00	2.47	304.00	9348.07	-253.81	124.25	-253.81	282.59	153.92	0.28
9369.00	2.47	303.93	9349.07	-253.79	124.22	-253.79	282.56	153.92	0.32
9370.00	2.46	303.79	9350.07	-253.76	124.18	-253.76	282.52	153.93	0.67
9371.00	2.46	303.65	9351.07	-253.74	124.14	-253.74	282.48	153.93	0.67
9372.00	2.46	303.58	9352.06	-253.72	124.11	-253.72	282.45	153.93	0.29
9373.00	2.46	303.54	9353.06	-253.69	124.07	-253.69	282.41	153.94	0.19
9374.00	2.46	303.42	9354.06	-253.67	124.04	-253.67	282.37	153.94	0.62
9375.00	2.45	303.32	9355.06	-253.65	124.00	-253.65	282.33	153.95	0.55
9376.00	2.45	303.22	9356.06	-253.62	123.97	-253.62	282.30	153.95	0.41
9377.00	2.45	303.15	9357.06	-253.60	123.93	-253.60	282.26	153.96	0.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9378.00	2.45	303.12	9358.06	-253.58	123.89	-253.58	282.22	153.96	0.22
9379.00	2.45	303.08	9359.06	-253.55	123.86	-253.55	282.19	153.96	0.25
9380.00	2.45	302.98	9360.06	-253.53	123.82	-253.53	282.15	153.97	0.41
9381.00	2.45	302.89	9361.06	-253.51	123.79	-253.51	282.11	153.97	0.41
9382.00	2.45	302.79	9362.06	-253.48	123.75	-253.48	282.08	153.98	0.47
9383.00	2.45	302.70	9363.05	-253.46	123.71	-253.46	282.04	153.98	0.37
9384.00	2.45	302.65	9364.05	-253.44	123.68	-253.44	282.00	153.99	0.25
9385.00	2.45	302.59	9365.05	-253.41	123.64	-253.41	281.97	153.99	0.23
9386.00	2.45	302.54	9366.05	-253.39	123.61	-253.39	281.93	154.00	0.22
9387.00	2.46	302.49	9367.05	-253.37	123.57	-253.37	281.89	154.00	0.26
9388.00	2.46	302.43	9368.05	-253.34	123.53	-253.34	281.86	154.01	0.32
9389.00	2.46	302.38	9369.05	-253.32	123.50	-253.32	281.82	154.01	0.24
9390.00	2.46	302.33	9370.05	-253.30	123.46	-253.30	281.79	154.01	0.20
9391.00	2.46	302.28	9371.05	-253.28	123.43	-253.28	281.75	154.02	0.21
9392.00	2.46	302.24	9372.05	-253.25	123.39	-253.25	281.71	154.02	0.28
9393.00	2.47	302.24	9373.05	-253.23	123.35	-253.23	281.68	154.03	0.45
9394.00	2.47	302.27	9374.04	-253.21	123.32	-253.21	281.64	154.03	0.62
9395.00	2.47	302.28	9375.04	-253.18	123.28	-253.18	281.60	154.04	0.33
9396.00	2.48	302.28	9376.04	-253.16	123.24	-253.16	281.57	154.04	0.14
9397.00	2.48	302.26	9377.04	-253.14	123.21	-253.14	281.53	154.05	0.33
9398.00	2.48	302.21	9378.04	-253.11	123.17	-253.11	281.49	154.05	0.47
9399.00	2.49	302.21	9379.04	-253.09	123.13	-253.09	281.46	154.06	0.60
9400.00	2.50	302.22	9380.04	-253.07	123.10	-253.07	281.42	154.06	0.67
9401.00	2.50	302.24	9381.04	-253.04	123.06	-253.04	281.38	154.07	0.39
9402.00	2.50	302.27	9382.04	-253.02	123.02	-253.02	281.34	154.07	0.22
9403.00	2.50	302.19	9383.04	-253.00	122.99	-253.00	281.31	154.07	0.35
9404.00	2.50	302.06	9384.03	-252.97	122.95	-252.97	281.27	154.08	0.55
9405.00	2.50	302.06	9385.03	-252.95	122.91	-252.95	281.23	154.08	0.20
9406.00	2.51	302.10	9386.03	-252.93	122.88	-252.93	281.20	154.09	0.34
9407.00	2.51	302.16	9387.03	-252.91	122.84	-252.91	281.16	154.09	0.37
9408.00	2.51	302.21	9388.03	-252.88	122.80	-252.88	281.12	154.10	0.38
9409.00	2.51	302.21	9389.03	-252.86	122.76	-252.86	281.08	154.10	0.11
9410.00	2.51	302.20	9390.03	-252.84	122.73	-252.84	281.05	154.11	0.09
9411.00	2.52	302.23	9391.03	-252.81	122.69	-252.81	281.01	154.11	0.23
9412.00	2.52	302.28	9392.03	-252.79	122.65	-252.79	280.97	154.12	0.28
9413.00	2.52	302.31	9393.03	-252.76	122.62	-252.76	280.94	154.12	0.36
9414.00	2.53	302.34	9394.03	-252.74	122.58	-252.74	280.90	154.13	0.38
9415.00	2.52	302.37	9395.02	-252.72	122.54	-252.72	280.86	154.13	0.31
9416.00	2.52	302.40	9396.02	-252.69	122.50	-252.69	280.82	154.14	0.46
9417.00	2.52	302.37	9397.02	-252.67	122.47	-252.67	280.79	154.14	0.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9418.00	2.52	302.33	9398.02	-252.65	122.43	-252.65	280.75	154.15	0.27
9419.00	2.52	302.36	9399.02	-252.62	122.39	-252.62	280.71	154.15	0.21
9420.00	2.52	302.36	9400.02	-252.60	122.36	-252.60	280.67	154.16	0.24
9421.00	2.51	302.29	9401.02	-252.58	122.32	-252.58	280.64	154.16	0.44
9422.00	2.51	302.23	9402.02	-252.55	122.28	-252.55	280.60	154.16	0.44
9423.00	2.51	302.12	9403.02	-252.53	122.24	-252.53	280.56	154.17	0.45
9424.00	2.51	302.02	9404.02	-252.51	122.21	-252.51	280.52	154.17	0.46
9425.00	2.51	302.03	9405.01	-252.48	122.17	-252.48	280.49	154.18	0.18
9426.00	2.51	302.02	9406.01	-252.46	122.13	-252.46	280.45	154.18	0.05
9427.00	2.51	302.00	9407.01	-252.44	122.10	-252.44	280.41	154.19	0.14
9428.00	2.51	301.98	9408.01	-252.41	122.06	-252.41	280.38	154.19	0.14
9429.00	2.51	301.98	9409.01	-252.39	122.02	-252.39	280.34	154.20	0.15
9430.00	2.51	301.98	9410.01	-252.37	121.98	-252.37	280.30	154.20	0.15
9431.00	2.51	301.94	9411.01	-252.34	121.95	-252.34	280.27	154.21	0.18
9432.00	2.51	301.90	9412.01	-252.32	121.91	-252.32	280.23	154.21	0.18
9433.00	2.51	301.85	9413.01	-252.30	121.87	-252.30	280.19	154.22	0.26
9434.00	2.51	301.79	9414.01	-252.27	121.84	-252.27	280.15	154.22	0.26
9435.00	2.51	301.72	9415.01	-252.25	121.80	-252.25	280.12	154.23	0.33
9436.00	2.51	301.64	9416.00	-252.23	121.76	-252.23	280.08	154.23	0.33
9437.00	2.50	301.56	9417.00	-252.21	121.72	-252.21	280.04	154.24	0.54
9438.00	2.50	301.54	9418.00	-252.18	121.69	-252.18	280.01	154.24	0.12
9439.00	2.51	301.53	9419.00	-252.16	121.65	-252.16	279.97	154.25	0.25
9440.00	2.51	301.53	9420.00	-252.14	121.61	-252.14	279.93	154.25	0.24
9441.00	2.51	301.50	9421.00	-252.11	121.57	-252.11	279.90	154.26	0.23
9442.00	2.51	301.47	9422.00	-252.09	121.54	-252.09	279.86	154.26	0.21
9443.00	2.51	301.47	9423.00	-252.07	121.50	-252.07	279.82	154.27	0.17
9444.00	2.51	301.46	9424.00	-252.05	121.46	-252.05	279.79	154.27	0.07
9445.00	2.51	301.44	9425.00	-252.02	121.43	-252.02	279.75	154.28	0.07
9446.00	2.52	301.44	9425.99	-252.00	121.39	-252.00	279.71	154.28	0.11
9447.00	2.52	301.49	9426.99	-251.98	121.35	-251.98	279.68	154.28	0.42
9448.00	2.52	301.47	9427.99	-251.95	121.31	-251.95	279.64	154.29	0.23
9449.00	2.52	301.44	9428.99	-251.93	121.28	-251.93	279.60	154.29	0.23
9450.00	2.52	301.42	9429.99	-251.91	121.24	-251.91	279.56	154.30	0.15
9451.00	2.53	301.41	9430.99	-251.89	121.20	-251.89	279.53	154.30	0.14
9452.00	2.53	301.45	9431.99	-251.86	121.16	-251.86	279.49	154.31	0.29
9453.00	2.53	301.49	9432.99	-251.84	121.12	-251.84	279.45	154.31	0.34
9454.00	2.53	301.52	9433.99	-251.82	121.09	-251.82	279.42	154.32	0.26
9455.00	2.54	301.55	9434.99	-251.79	121.05	-251.79	279.38	154.32	0.24
9456.00	2.54	301.58	9435.98	-251.77	121.01	-251.77	279.34	154.33	0.18
9457.00	2.54	301.62	9436.98	-251.75	120.97	-251.75	279.30	154.33	0.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9458.00	2.54	301.65	9437.98	-251.72	120.94	-251.72	279.27	154.34	0.57
9459.00	2.55	301.67	9438.98	-251.70	120.90	-251.70	279.23	154.34	0.69
9460.00	2.55	301.71	9439.98	-251.68	120.86	-251.68	279.19	154.35	0.16
9461.00	2.55	301.74	9440.98	-251.65	120.82	-251.65	279.16	154.35	0.21
9462.00	2.54	301.73	9441.98	-251.63	120.79	-251.63	279.12	154.36	0.21
9463.00	2.54	301.72	9442.98	-251.61	120.75	-251.61	279.08	154.36	0.22
9464.00	2.54	301.72	9443.98	-251.58	120.71	-251.58	279.04	154.37	0.14
9465.00	2.55	301.73	9444.98	-251.56	120.67	-251.56	279.01	154.37	0.14
9466.00	2.55	301.67	9445.97	-251.54	120.63	-251.54	278.97	154.38	0.38
9467.00	2.55	301.62	9446.97	-251.51	120.60	-251.51	278.93	154.38	0.38
9468.00	2.55	301.56	9447.97	-251.49	120.56	-251.49	278.89	154.39	0.30
9469.00	2.55	301.51	9448.97	-251.47	120.52	-251.47	278.86	154.39	0.30
9470.00	2.55	301.48	9449.97	-251.44	120.48	-251.44	278.82	154.40	0.18
9471.00	2.55	301.45	9450.97	-251.42	120.44	-251.42	278.78	154.40	0.18
9472.00	2.55	301.39	9451.97	-251.40	120.41	-251.40	278.74	154.41	0.28
9473.00	2.55	301.33	9452.97	-251.37	120.37	-251.37	278.71	154.41	0.28
9474.00	2.54	301.26	9453.97	-251.35	120.33	-251.35	278.67	154.42	0.44
9475.00	2.54	301.19	9454.97	-251.33	120.29	-251.33	278.63	154.42	0.44
9476.00	2.54	301.09	9455.97	-251.31	120.25	-251.31	278.60	154.43	0.41
9477.00	2.54	301.00	9456.96	-251.28	120.22	-251.28	278.56	154.43	0.41
9478.00	2.54	300.90	9457.96	-251.26	120.18	-251.26	278.52	154.44	0.44
9479.00	2.54	300.81	9458.96	-251.24	120.14	-251.24	278.48	154.44	0.44
9480.00	2.54	300.66	9459.96	-251.21	120.10	-251.21	278.45	154.45	0.70
9481.00	2.54	300.52	9460.96	-251.19	120.06	-251.19	278.41	154.45	0.70
9482.00	2.54	300.47	9461.96	-251.17	120.03	-251.17	278.37	154.46	0.31
9483.00	2.54	300.41	9462.96	-251.15	119.99	-251.15	278.34	154.46	0.31
9484.00	2.54	300.48	9463.96	-251.12	119.95	-251.12	278.30	154.47	0.31
9485.00	2.54	300.54	9464.96	-251.10	119.91	-251.10	278.26	154.47	0.29
9486.00	2.54	300.58	9465.96	-251.08	119.87	-251.08	278.23	154.48	0.16
9487.00	2.54	300.61	9466.95	-251.06	119.84	-251.06	278.19	154.48	0.15
9488.00	2.54	300.61	9467.95	-251.03	119.80	-251.03	278.15	154.49	0.20
9489.00	2.54	300.61	9468.95	-251.01	119.76	-251.01	278.12	154.49	0.15
9490.00	2.54	300.62	9469.95	-250.99	119.72	-250.99	278.08	154.50	0.08
9491.00	2.54	300.62	9470.95	-250.97	119.68	-250.97	278.04	154.50	0.07
9492.00	2.54	300.64	9471.95	-250.94	119.64	-250.94	278.01	154.51	0.06
9493.00	2.54	300.65	9472.95	-250.92	119.61	-250.92	277.97	154.51	0.07
9494.00	2.54	300.69	9473.95	-250.90	119.57	-250.90	277.93	154.52	0.24
9495.00	2.54	300.72	9474.95	-250.88	119.53	-250.88	277.90	154.52	0.14
9496.00	2.54	300.71	9475.95	-250.85	119.49	-250.85	277.86	154.53	0.12
9497.00	2.54	300.70	9476.94	-250.83	119.45	-250.83	277.82	154.53	0.09

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9498.00	2.54	300.68	9477.94	-250.81	119.42	-250.81	277.79	154.54	0.11
9499.00	2.54	300.68	9478.94	-250.79	119.38	-250.79	277.75	154.54	0.05
9500.00	2.54	300.71	9479.94	-250.76	119.34	-250.76	277.71	154.55	0.20
9501.00	2.54	300.75	9480.94	-250.74	119.30	-250.74	277.68	154.55	0.17
9502.00	2.54	300.78	9481.94	-250.72	119.26	-250.72	277.64	154.56	0.16
9503.00	2.53	300.82	9482.94	-250.70	119.23	-250.70	277.60	154.57	0.26
9504.00	2.53	300.86	9483.94	-250.67	119.19	-250.67	277.57	154.57	0.46
9505.00	2.53	300.90	9484.94	-250.65	119.15	-250.65	277.53	154.58	0.29
9506.00	2.53	300.93	9485.94	-250.63	119.11	-250.63	277.49	154.58	0.14
9507.00	2.53	300.92	9486.93	-250.60	119.07	-250.60	277.46	154.59	0.11
9508.00	2.52	300.87	9487.93	-250.58	119.04	-250.58	277.42	154.59	0.27
9509.00	2.52	300.75	9488.93	-250.56	119.00	-250.56	277.38	154.60	0.57
9510.00	2.52	300.60	9489.93	-250.54	118.96	-250.54	277.35	154.60	0.69
9511.00	2.52	300.45	9490.93	-250.51	118.92	-250.51	277.31	154.61	0.66
9512.00	2.52	300.30	9491.93	-250.49	118.89	-250.49	277.27	154.61	0.64
9513.00	2.52	300.24	9492.93	-250.47	118.85	-250.47	277.24	154.62	0.37
9514.00	2.51	300.20	9493.93	-250.45	118.81	-250.45	277.20	154.62	0.34
9515.00	2.51	300.18	9494.93	-250.43	118.77	-250.43	277.16	154.63	0.24
9516.00	2.51	300.16	9495.93	-250.40	118.73	-250.40	277.13	154.63	0.21
9517.00	2.51	300.11	9496.93	-250.38	118.70	-250.38	277.09	154.64	0.30
9518.00	2.51	300.04	9497.92	-250.36	118.66	-250.36	277.06	154.64	0.33
9519.00	2.50	299.97	9498.92	-250.34	118.62	-250.34	277.02	154.65	0.40
9520.00	2.50	299.91	9499.92	-250.32	118.58	-250.32	276.98	154.65	0.42
9521.00	2.50	299.84	9500.92	-250.29	118.54	-250.29	276.95	154.66	0.34
9522.00	2.50	299.76	9501.92	-250.27	118.51	-250.27	276.91	154.66	0.33
9523.00	2.49	299.78	9502.92	-250.25	118.47	-250.25	276.88	154.67	0.41
9524.00	2.49	299.81	9503.92	-250.23	118.43	-250.23	276.84	154.67	0.45
9525.00	2.49	299.81	9504.92	-250.21	118.39	-250.21	276.81	154.68	0.27
9526.00	2.48	299.81	9505.92	-250.19	118.36	-250.19	276.77	154.68	0.25
9527.00	2.48	299.84	9506.92	-250.17	118.32	-250.17	276.73	154.69	0.25
9528.00	2.48	299.87	9507.91	-250.14	118.28	-250.14	276.70	154.69	0.24
9529.00	2.48	299.87	9508.91	-250.12	118.24	-250.12	276.66	154.70	0.12
9530.00	2.48	299.87	9509.91	-250.10	118.21	-250.10	276.63	154.70	0.10
9531.00	2.48	299.93	9510.91	-250.08	118.17	-250.08	276.59	154.71	0.25
9532.00	2.48	300.00	9511.91	-250.06	118.13	-250.06	276.56	154.71	0.29
9533.00	2.47	300.10	9512.91	-250.04	118.09	-250.04	276.52	154.72	0.61
9534.00	2.47	300.23	9513.91	-250.01	118.06	-250.01	276.49	154.72	0.62
9535.00	2.47	300.41	9514.91	-249.99	118.02	-249.99	276.45	154.73	0.78
9536.00	2.47	300.56	9515.91	-249.97	117.98	-249.97	276.41	154.73	0.64
9537.00	2.47	300.66	9516.91	-249.95	117.94	-249.95	276.38	154.74	0.43

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9538.00	2.47	300.77	9517.91	-249.93	117.91	-249.93	276.34	154.74	0.48
9539.00	2.47	300.89	9518.90	-249.90	117.87	-249.90	276.31	154.75	0.55
9540.00	2.47	300.98	9519.90	-249.88	117.83	-249.88	276.27	154.75	0.40
9541.00	2.47	301.07	9520.90	-249.86	117.80	-249.86	276.24	154.76	0.40
9542.00	2.47	301.14	9521.90	-249.84	117.76	-249.84	276.20	154.76	0.31
9543.00	2.47	301.20	9522.90	-249.82	117.72	-249.82	276.16	154.77	0.24
9544.00	2.47	301.31	9523.90	-249.79	117.69	-249.79	276.13	154.77	0.49
9545.00	2.47	301.47	9524.90	-249.77	117.65	-249.77	276.09	154.78	0.66
9546.00	2.47	301.57	9525.90	-249.75	117.61	-249.75	276.06	154.78	0.53
9547.00	2.47	301.66	9526.90	-249.73	117.58	-249.73	276.02	154.79	0.52
9548.00	2.47	301.73	9527.90	-249.70	117.54	-249.70	275.98	154.79	0.29
9549.00	2.47	301.78	9528.90	-249.68	117.50	-249.68	275.95	154.80	0.34
9550.00	2.47	301.85	9529.89	-249.66	117.47	-249.66	275.91	154.80	0.34
9551.00	2.47	301.93	9530.89	-249.63	117.43	-249.63	275.88	154.81	0.43
9552.00	2.46	302.03	9531.89	-249.61	117.39	-249.61	275.84	154.81	0.58
9553.00	2.46	302.08	9532.89	-249.59	117.36	-249.59	275.80	154.82	0.22
9554.00	2.47	302.05	9533.89	-249.57	117.32	-249.57	275.77	154.82	0.41
9555.00	2.47	302.01	9534.89	-249.54	117.28	-249.54	275.73	154.83	0.26
9556.00	2.47	301.96	9535.89	-249.52	117.25	-249.52	275.69	154.83	0.20
9557.00	2.47	301.93	9536.89	-249.50	117.21	-249.50	275.66	154.84	0.15
9558.00	2.47	301.90	9537.89	-249.48	117.17	-249.48	275.62	154.84	0.11
9559.00	2.47	301.88	9538.89	-249.45	117.14	-249.45	275.59	154.85	0.12
9560.00	2.47	301.84	9539.88	-249.43	117.10	-249.43	275.55	154.85	0.14
9561.00	2.47	301.84	9540.88	-249.41	117.06	-249.41	275.51	154.86	0.18
9562.00	2.47	301.86	9541.88	-249.38	117.03	-249.38	275.48	154.86	0.35
9563.00	2.47	301.88	9542.88	-249.36	116.99	-249.36	275.44	154.87	0.14
9564.00	2.47	301.90	9543.88	-249.34	116.95	-249.34	275.41	154.87	0.31
9565.00	2.47	301.89	9544.88	-249.32	116.92	-249.32	275.37	154.88	0.03
9566.00	2.47	301.88	9545.88	-249.29	116.88	-249.29	275.33	154.88	0.17
9567.00	2.47	301.85	9546.88	-249.27	116.85	-249.27	275.30	154.89	0.12
9568.00	2.47	301.82	9547.88	-249.25	116.81	-249.25	275.26	154.89	0.16
9569.00	2.47	301.83	9548.88	-249.23	116.77	-249.23	275.23	154.90	0.24
9570.00	2.47	301.84	9549.88	-249.20	116.74	-249.20	275.19	154.90	0.32
9571.00	2.47	301.91	9550.87	-249.18	116.70	-249.18	275.15	154.90	0.29
9572.00	2.47	301.98	9551.87	-249.16	116.66	-249.16	275.12	154.91	0.31
9573.00	2.48	302.08	9552.87	-249.13	116.63	-249.13	275.08	154.91	0.48
9574.00	2.48	302.20	9553.87	-249.11	116.59	-249.11	275.04	154.92	0.53
9575.00	2.48	302.27	9554.87	-249.09	116.55	-249.09	275.01	154.92	0.34
9576.00	2.47	302.34	9555.87	-249.06	116.52	-249.06	274.97	154.93	0.34
9577.00	2.48	302.45	9556.87	-249.04	116.48	-249.04	274.93	154.93	0.47

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9578.00	2.48	302.56	9557.87	-249.02	116.44	-249.02	274.90	154.94	0.49
9579.00	2.48	302.65	9558.87	-249.00	116.41	-249.00	274.86	154.94	0.44
9580.00	2.48	302.74	9559.87	-248.97	116.37	-248.97	274.83	154.95	0.44
9581.00	2.48	302.84	9560.87	-248.95	116.33	-248.95	274.79	154.95	0.46
9582.00	2.48	302.94	9561.86	-248.92	116.30	-248.92	274.75	154.96	0.45
9583.00	2.48	303.03	9562.86	-248.90	116.26	-248.90	274.72	154.96	0.47
9584.00	2.48	303.11	9563.86	-248.88	116.22	-248.88	274.68	154.97	0.43
9585.00	2.48	303.15	9564.86	-248.85	116.19	-248.85	274.64	154.97	0.27
9586.00	2.48	303.20	9565.86	-248.83	116.15	-248.83	274.61	154.98	0.28
9587.00	2.48	303.29	9566.86	-248.81	116.12	-248.81	274.57	154.98	0.44
9588.00	2.48	303.37	9567.86	-248.78	116.08	-248.78	274.53	154.99	0.32
9589.00	2.48	303.34	9568.86	-248.76	116.04	-248.76	274.49	154.99	0.17
9590.00	2.48	303.36	9569.86	-248.74	116.01	-248.74	274.46	155.00	0.14
9591.00	2.48	303.52	9570.86	-248.71	115.97	-248.71	274.42	155.00	0.72
9592.00	2.48	303.65	9571.86	-248.69	115.94	-248.69	274.38	155.01	0.56
9593.00	2.48	303.69	9572.85	-248.66	115.90	-248.66	274.35	155.01	0.55
9594.00	2.49	303.71	9573.85	-248.64	115.86	-248.64	274.31	155.01	0.30
9595.00	2.48	303.71	9574.85	-248.62	115.83	-248.62	274.27	155.02	0.31
9596.00	2.48	303.68	9575.85	-248.59	115.79	-248.59	274.24	155.02	0.28
9597.00	2.48	303.61	9576.85	-248.57	115.76	-248.57	274.20	155.03	0.37
9598.00	2.48	303.51	9577.85	-248.54	115.72	-248.54	274.16	155.03	0.40
9599.00	2.48	303.40	9578.85	-248.52	115.68	-248.52	274.13	155.04	0.54
9600.00	2.48	303.33	9579.85	-248.50	115.65	-248.50	274.09	155.04	0.30
9601.00	2.48	303.27	9580.85	-248.47	115.61	-248.47	274.05	155.05	0.29
9602.00	2.47	303.34	9581.85	-248.45	115.57	-248.45	274.01	155.05	0.39
9603.00	2.47	303.42	9582.84	-248.42	115.54	-248.42	273.98	155.06	0.44
9604.00	2.47	303.30	9583.84	-248.40	115.50	-248.40	273.94	155.06	0.54
9605.00	2.48	303.19	9584.84	-248.38	115.47	-248.38	273.90	155.07	0.54
9606.00	2.47	303.24	9585.84	-248.35	115.43	-248.35	273.87	155.07	0.27
9607.00	2.47	303.29	9586.84	-248.33	115.39	-248.33	273.83	155.08	0.27
9608.00	2.47	303.34	9587.84	-248.31	115.36	-248.31	273.79	155.08	0.23
9609.00	2.47	303.38	9588.84	-248.28	115.32	-248.28	273.76	155.09	0.23
9610.00	2.47	303.43	9589.84	-248.26	115.29	-248.26	273.72	155.09	0.20
9611.00	2.47	303.47	9590.84	-248.24	115.25	-248.24	273.68	155.10	0.19
9612.00	2.47	303.52	9591.84	-248.21	115.21	-248.21	273.65	155.10	0.26
9613.00	2.47	303.56	9592.84	-248.19	115.18	-248.19	273.61	155.10	0.20
9614.00	2.46	303.59	9593.83	-248.16	115.14	-248.16	273.57	155.11	0.65
9615.00	2.46	303.63	9594.83	-248.14	115.11	-248.14	273.54	155.11	0.35
9616.00	2.47	303.70	9595.83	-248.12	115.07	-248.12	273.50	155.12	0.57
9617.00	2.47	303.76	9596.83	-248.09	115.04	-248.09	273.46	155.12	0.43

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9618.00	2.47	303.79	9597.83	-248.07	115.00	-248.07	273.43	155.13	0.12
9619.00	2.47	303.84	9598.83	-248.04	114.96	-248.04	273.39	155.13	0.23
9620.00	2.47	303.96	9599.83	-248.02	114.93	-248.02	273.35	155.14	0.52
9621.00	2.47	304.06	9600.83	-248.00	114.89	-248.00	273.32	155.14	0.44
9622.00	2.47	304.14	9601.83	-247.97	114.86	-247.97	273.28	155.15	0.39
9623.00	2.47	304.24	9602.83	-247.95	114.82	-247.95	273.24	155.15	0.50
9624.00	2.48	304.36	9603.83	-247.92	114.79	-247.92	273.21	155.16	0.61
9625.00	2.48	304.48	9604.82	-247.90	114.75	-247.90	273.17	155.16	0.49
9626.00	2.47	304.58	9605.82	-247.87	114.71	-247.87	273.13	155.17	0.47
9627.00	2.48	304.66	9606.82	-247.85	114.68	-247.85	273.09	155.17	0.37
9628.00	2.48	304.73	9607.82	-247.83	114.64	-247.83	273.06	155.17	0.43
9629.00	2.48	304.78	9608.82	-247.80	114.61	-247.80	273.02	155.18	0.33
9630.00	2.48	304.83	9609.82	-247.78	114.57	-247.78	272.98	155.18	0.27
9631.00	2.48	304.85	9610.82	-247.75	114.54	-247.75	272.95	155.19	0.24
9632.00	2.49	304.88	9611.82	-247.73	114.50	-247.73	272.91	155.19	0.24
9633.00	2.49	304.90	9612.82	-247.70	114.47	-247.70	272.87	155.20	0.23
9634.00	2.49	304.92	9613.82	-247.68	114.43	-247.68	272.83	155.20	0.23
9635.00	2.50	304.96	9614.81	-247.65	114.39	-247.65	272.80	155.21	0.48
9636.00	2.50	305.00	9615.81	-247.63	114.36	-247.63	272.76	155.21	0.51
9637.00	2.50	305.00	9616.81	-247.60	114.32	-247.60	272.72	155.22	0.31
9638.00	2.51	304.99	9617.81	-247.58	114.29	-247.58	272.68	155.22	0.29
9639.00	2.51	305.08	9618.81	-247.55	114.25	-247.55	272.64	155.23	0.43
9640.00	2.51	305.18	9619.81	-247.53	114.22	-247.53	272.61	155.23	0.47
9641.00	2.51	305.36	9620.81	-247.50	114.18	-247.50	272.57	155.23	0.89
9642.00	2.52	305.55	9621.81	-247.48	114.14	-247.48	272.53	155.24	0.94
9643.00	2.52	305.60	9622.81	-247.45	114.11	-247.45	272.49	155.24	0.21
9644.00	2.52	305.64	9623.81	-247.42	114.07	-247.42	272.45	155.25	0.25
9645.00	2.53	305.71	9624.81	-247.40	114.04	-247.40	272.42	155.25	0.66
9646.00	2.53	305.79	9625.80	-247.37	114.00	-247.37	272.38	155.26	0.66
9647.00	2.53	305.99	9626.80	-247.35	113.96	-247.35	272.34	155.26	0.89
9648.00	2.54	306.17	9627.80	-247.32	113.93	-247.32	272.30	155.27	0.84
9649.00	2.54	306.32	9628.80	-247.29	113.89	-247.29	272.26	155.27	0.64
9650.00	2.54	306.46	9629.80	-247.27	113.86	-247.27	272.22	155.28	0.67
9651.00	2.54	306.63	9630.80	-247.24	113.82	-247.24	272.18	155.28	0.75
9652.00	2.54	306.78	9631.80	-247.22	113.79	-247.22	272.15	155.28	0.74
9653.00	2.55	306.93	9632.80	-247.19	113.75	-247.19	272.11	155.29	0.73
9654.00	2.55	307.06	9633.80	-247.16	113.72	-247.16	272.07	155.29	0.63
9655.00	2.55	307.16	9634.80	-247.14	113.68	-247.14	272.03	155.30	0.48
9656.00	2.55	307.27	9635.79	-247.11	113.64	-247.11	271.99	155.30	0.55
9657.00	2.56	307.40	9636.79	-247.08	113.61	-247.08	271.95	155.31	0.62

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9658.00	2.56	307.56	9637.79	-247.05	113.57	-247.05	271.91	155.31	0.74
9659.00	2.56	307.76	9638.79	-247.03	113.54	-247.03	271.87	155.32	0.87
9660.00	2.56	307.93	9639.79	-247.00	113.50	-247.00	271.83	155.32	0.79
9661.00	2.56	308.09	9640.79	-246.97	113.47	-246.97	271.79	155.32	0.76
9662.00	2.56	308.27	9641.79	-246.94	113.43	-246.94	271.75	155.33	0.80
9663.00	2.56	308.45	9642.79	-246.92	113.40	-246.92	271.71	155.33	0.83
9664.00	2.56	308.60	9643.79	-246.89	113.36	-246.89	271.67	155.34	0.66
9665.00	2.56	308.73	9644.79	-246.86	113.33	-246.86	271.63	155.34	0.59
9666.00	2.56	308.91	9645.78	-246.83	113.29	-246.83	271.59	155.35	0.82
9667.00	2.56	309.10	9646.78	-246.80	113.26	-246.80	271.55	155.35	0.84
9668.00	2.57	309.25	9647.78	-246.78	113.22	-246.78	271.51	155.35	0.74
9669.00	2.57	309.40	9648.78	-246.75	113.19	-246.75	271.47	155.36	0.74
9670.00	2.57	309.52	9649.78	-246.72	113.15	-246.72	271.43	155.36	0.54
9671.00	2.57	309.64	9650.78	-246.69	113.12	-246.69	271.39	155.37	0.55
9672.00	2.57	309.75	9651.78	-246.66	113.09	-246.66	271.35	155.37	0.60
9673.00	2.58	309.87	9652.78	-246.63	113.05	-246.63	271.31	155.37	0.61
9674.00	2.58	310.05	9653.78	-246.61	113.02	-246.61	271.27	155.38	0.82
9675.00	2.58	310.19	9654.78	-246.58	112.98	-246.58	271.23	155.38	0.63
9676.00	2.58	310.31	9655.77	-246.55	112.95	-246.55	271.19	155.39	0.55
9677.00	2.58	310.45	9656.77	-246.52	112.91	-246.52	271.15	155.39	0.62
9678.00	2.57	310.64	9657.77	-246.49	112.88	-246.49	271.11	155.39	0.88
9679.00	2.57	310.86	9658.77	-246.46	112.85	-246.46	271.07	155.40	1.03
9680.00	2.57	311.24	9659.77	-246.43	112.81	-246.43	271.02	155.40	1.72
9681.00	2.58	311.42	9660.77	-246.40	112.78	-246.40	270.98	155.41	0.83
9682.00	2.58	311.55	9661.77	-246.37	112.74	-246.37	270.94	155.41	0.62
9683.00	2.58	311.81	9662.77	-246.34	112.71	-246.34	270.90	155.41	1.17
9684.00	2.57	312.10	9663.77	-246.31	112.68	-246.31	270.86	155.42	1.33
9685.00	2.57	312.36	9664.77	-246.28	112.64	-246.28	270.82	155.42	1.16
9686.00	2.57	312.61	9665.76	-246.25	112.61	-246.25	270.78	155.43	1.14
9687.00	2.57	312.83	9666.76	-246.22	112.58	-246.22	270.74	155.43	1.00
9688.00	2.57	313.05	9667.76	-246.19	112.54	-246.19	270.69	155.43	0.99
9689.00	2.57	313.33	9668.76	-246.16	112.51	-246.16	270.65	155.44	1.28
9690.00	2.57	313.68	9669.76	-246.13	112.48	-246.13	270.61	155.44	1.58
9691.00	2.57	313.98	9670.76	-246.10	112.45	-246.10	270.57	155.44	1.33
9692.00	2.57	314.23	9671.76	-246.07	112.41	-246.07	270.53	155.45	1.16
9693.00	2.56	314.56	9672.76	-246.03	112.38	-246.03	270.49	155.45	1.51
9694.00	2.56	314.92	9673.76	-246.00	112.35	-246.00	270.44	155.45	1.69
9695.00	2.56	315.19	9674.76	-245.97	112.32	-245.97	270.40	155.46	1.25
9696.00	2.56	315.46	9675.75	-245.94	112.29	-245.94	270.36	155.46	1.24
9697.00	2.56	315.72	9676.75	-245.91	112.26	-245.91	270.32	155.46	1.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9698.00	2.56	315.98	9677.75	-245.88	112.23	-245.88	270.28	155.47	1.20
9699.00	2.56	316.29	9678.75	-245.84	112.20	-245.84	270.23	155.47	1.38
9700.00	2.56	316.61	9679.75	-245.81	112.16	-245.81	270.19	155.47	1.44
9701.00	2.56	316.98	9680.75	-245.78	112.13	-245.78	270.15	155.48	1.64
9702.00	2.56	317.30	9681.75	-245.75	112.10	-245.75	270.11	155.48	1.47
9703.00	2.55	317.52	9682.75	-245.71	112.07	-245.71	270.07	155.48	1.07
9704.00	2.55	317.74	9683.75	-245.68	112.04	-245.68	270.02	155.48	0.97
9705.00	2.55	317.95	9684.75	-245.65	112.01	-245.65	269.98	155.49	0.98
9706.00	2.56	318.18	9685.74	-245.61	111.98	-245.61	269.94	155.49	1.07
9707.00	2.56	318.45	9686.74	-245.58	111.95	-245.58	269.90	155.49	1.21
9708.00	2.56	318.66	9687.74	-245.55	111.92	-245.55	269.85	155.50	0.93
9709.00	2.56	318.80	9688.74	-245.51	111.90	-245.51	269.81	155.50	0.65
9710.00	2.56	318.98	9689.74	-245.48	111.87	-245.48	269.77	155.50	0.82
9711.00	2.56	319.19	9690.74	-245.45	111.84	-245.45	269.72	155.50	1.00
9712.00	2.57	319.43	9691.74	-245.41	111.81	-245.41	269.68	155.51	1.08
9713.00	2.57	319.68	9692.74	-245.38	111.78	-245.38	269.64	155.51	1.14
9714.00	2.57	319.90	9693.74	-245.34	111.75	-245.34	269.59	155.51	1.05
9715.00	2.58	320.10	9694.74	-245.31	111.72	-245.31	269.55	155.51	1.02
9716.00	2.58	320.29	9695.73	-245.27	111.69	-245.27	269.51	155.52	0.87
9717.00	2.58	320.46	9696.73	-245.24	111.66	-245.24	269.46	155.52	0.79
9718.00	2.58	320.70	9697.73	-245.21	111.63	-245.21	269.42	155.52	1.18
9719.00	2.59	320.97	9698.73	-245.17	111.61	-245.17	269.38	155.52	1.37
9720.00	2.60	321.30	9699.73	-245.13	111.58	-245.13	269.33	155.53	1.59
9721.00	2.60	321.66	9700.73	-245.10	111.55	-245.10	269.29	155.53	1.70
9722.00	2.60	322.05	9701.73	-245.06	111.52	-245.06	269.25	155.53	1.78
9723.00	2.61	322.43	9702.73	-245.03	111.49	-245.03	269.20	155.53	1.80
9724.00	2.61	322.75	9703.73	-244.99	111.47	-244.99	269.16	155.54	1.55
9725.00	2.62	323.04	9704.73	-244.96	111.44	-244.96	269.11	155.54	1.50
9726.00	2.62	323.39	9705.72	-244.92	111.41	-244.92	269.07	155.54	1.62
9727.00	2.63	323.74	9706.72	-244.88	111.38	-244.88	269.02	155.54	1.66
9728.00	2.63	324.11	9707.72	-244.84	111.36	-244.84	268.98	155.54	1.75
9729.00	2.64	324.48	9708.72	-244.81	111.33	-244.81	268.93	155.55	1.76
9730.00	2.64	324.95	9709.72	-244.77	111.30	-244.77	268.89	155.55	2.24
9731.00	2.65	325.37	9710.72	-244.73	111.28	-244.73	268.84	155.55	1.95
9732.00	2.65	325.67	9711.72	-244.69	111.25	-244.69	268.80	155.55	1.45
9733.00	2.65	325.97	9712.72	-244.66	111.22	-244.66	268.75	155.55	1.45
9734.00	2.66	326.46	9713.72	-244.62	111.20	-244.62	268.71	155.55	2.31
9735.00	2.66	326.84	9714.71	-244.58	111.17	-244.58	268.66	155.56	1.83
9736.00	2.67	327.12	9715.71	-244.54	111.15	-244.54	268.61	155.56	1.34
9737.00	2.67	327.41	9716.71	-244.50	111.12	-244.50	268.57	155.56	1.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9738.00	2.67	327.75	9717.71	-244.46	111.10	-244.46	268.52	155.56	1.67
9739.00	2.68	328.12	9718.71	-244.42	111.07	-244.42	268.48	155.56	1.74
9740.00	2.68	328.63	9719.71	-244.38	111.05	-244.38	268.43	155.56	2.40
9741.00	2.68	329.03	9720.71	-244.34	111.02	-244.34	268.38	155.56	1.88
9742.00	2.68	329.38	9721.71	-244.30	111.00	-244.30	268.34	155.56	1.65
9743.00	2.69	329.63	9722.71	-244.26	110.98	-244.26	268.29	155.57	1.22
9744.00	2.69	329.85	9723.70	-244.22	110.95	-244.22	268.24	155.57	1.03
9745.00	2.69	330.07	9724.70	-244.18	110.93	-244.18	268.20	155.57	1.02
9746.00	2.69	330.26	9725.70	-244.14	110.91	-244.14	268.15	155.57	0.96
9747.00	2.69	330.46	9726.70	-244.10	110.88	-244.10	268.10	155.57	0.97
9748.00	2.70	330.66	9727.70	-244.06	110.86	-244.06	268.06	155.57	0.99
9749.00	2.70	330.95	9728.70	-244.02	110.84	-244.02	268.01	155.57	1.44
9750.00	2.71	331.40	9729.70	-243.97	110.81	-243.97	267.96	155.57	2.13
9751.00	2.71	331.59	9730.70	-243.93	110.79	-243.93	267.91	155.57	0.98
9752.00	2.71	331.78	9731.70	-243.89	110.77	-243.89	267.87	155.57	0.99
9753.00	2.72	332.01	9732.69	-243.85	110.75	-243.85	267.82	155.57	1.12
9754.00	2.72	332.26	9733.69	-243.81	110.72	-243.81	267.77	155.58	1.21
9755.00	2.72	332.49	9734.69	-243.77	110.70	-243.77	267.73	155.58	1.18
9756.00	2.73	332.71	9735.69	-243.72	110.68	-243.72	267.68	155.58	1.18
9757.00	2.73	333.04	9736.69	-243.68	110.66	-243.68	267.63	155.58	1.69
9758.00	2.74	333.33	9737.69	-243.64	110.64	-243.64	267.58	155.58	1.50
9759.00	2.74	333.53	9738.69	-243.60	110.62	-243.60	267.53	155.58	1.02
9760.00	2.75	333.72	9739.69	-243.55	110.59	-243.55	267.49	155.58	1.05
9761.00	2.75	333.92	9740.69	-243.51	110.57	-243.51	267.44	155.58	1.07
9762.00	2.76	334.15	9741.68	-243.47	110.55	-243.47	267.39	155.58	1.21
9763.00	2.76	334.39	9742.68	-243.42	110.53	-243.42	267.34	155.58	1.28
9764.00	2.77	334.63	9743.68	-243.38	110.51	-243.38	267.29	155.58	1.29
9765.00	2.78	334.85	9744.68	-243.34	110.49	-243.34	267.25	155.58	1.30
9766.00	2.78	335.09	9745.68	-243.29	110.47	-243.29	267.20	155.58	1.25
9767.00	2.79	335.33	9746.68	-243.25	110.45	-243.25	267.15	155.58	1.24
9768.00	2.79	335.58	9747.68	-243.20	110.43	-243.20	267.10	155.58	1.26
9769.00	2.79	335.83	9748.68	-243.16	110.41	-243.16	267.05	155.58	1.27
9770.00	2.80	336.19	9749.67	-243.11	110.39	-243.11	267.00	155.58	1.89
9771.00	2.81	336.54	9750.67	-243.07	110.37	-243.07	266.95	155.58	1.90
9772.00	2.81	336.79	9751.67	-243.02	110.35	-243.02	266.90	155.58	1.30
9773.00	2.82	337.05	9752.67	-242.98	110.33	-242.98	266.86	155.58	1.30
9774.00	2.82	337.27	9753.67	-242.93	110.31	-242.93	266.81	155.58	1.20
9775.00	2.83	337.49	9754.67	-242.89	110.29	-242.89	266.76	155.58	1.19
9776.00	2.83	337.75	9755.67	-242.84	110.27	-242.84	266.71	155.58	1.32
9777.00	2.83	338.00	9756.67	-242.80	110.26	-242.80	266.66	155.58	1.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9778.00	2.84	338.27	9757.67	-242.75	110.24	-242.75	266.61	155.58	1.37
9779.00	2.84	338.53	9758.66	-242.71	110.22	-242.71	266.56	155.58	1.35
9780.00	2.85	338.75	9759.66	-242.66	110.20	-242.66	266.51	155.58	1.14
9781.00	2.85	338.97	9760.66	-242.61	110.18	-242.61	266.46	155.57	1.18
9782.00	2.86	339.24	9761.66	-242.57	110.16	-242.57	266.41	155.57	1.57
9783.00	2.87	339.50	9762.66	-242.52	110.15	-242.52	266.36	155.57	1.49
9784.00	2.87	339.72	9763.66	-242.47	110.13	-242.47	266.31	155.57	1.30
9785.00	2.88	339.93	9764.66	-242.43	110.11	-242.43	266.26	155.57	1.27
9786.00	2.89	340.13	9765.66	-242.38	110.10	-242.38	266.21	155.57	1.23
9787.00	2.89	340.30	9766.65	-242.33	110.08	-242.33	266.16	155.57	1.07
9788.00	2.90	340.43	9767.65	-242.28	110.06	-242.28	266.11	155.57	0.93
9789.00	2.91	340.56	9768.65	-242.24	110.04	-242.24	266.06	155.57	0.97
9790.00	2.91	340.68	9769.65	-242.19	110.03	-242.19	266.01	155.57	0.99
9791.00	2.92	340.76	9770.65	-242.14	110.01	-242.14	265.96	155.57	0.69
9792.00	2.92	340.82	9771.65	-242.09	109.99	-242.09	265.91	155.57	0.56
9793.00	2.93	340.89	9772.65	-242.04	109.98	-242.04	265.86	155.56	0.68
9794.00	2.94	340.96	9773.65	-241.99	109.96	-241.99	265.81	155.56	0.97
9795.00	2.95	341.02	9774.64	-241.95	109.94	-241.95	265.75	155.56	1.20
9796.00	2.96	341.08	9775.64	-241.90	109.93	-241.90	265.70	155.56	1.14
9797.00	2.97	341.08	9776.64	-241.85	109.91	-241.85	265.65	155.56	0.34
9798.00	2.97	341.09	9777.64	-241.80	109.89	-241.80	265.60	155.56	0.35
9799.00	2.97	341.12	9778.64	-241.75	109.88	-241.75	265.55	155.56	0.42
9800.00	2.98	341.16	9779.64	-241.70	109.86	-241.70	265.50	155.56	0.58
9801.00	2.99	341.21	9780.64	-241.65	109.84	-241.65	265.45	155.56	0.96
9802.00	3.00	341.27	9781.63	-241.60	109.83	-241.60	265.39	155.55	0.89
9803.00	3.00	341.35	9782.63	-241.55	109.81	-241.55	265.34	155.55	0.80
9804.00	3.01	341.41	9783.63	-241.50	109.79	-241.50	265.29	155.55	0.66
9805.00	3.01	341.46	9784.63	-241.45	109.78	-241.45	265.24	155.55	0.52
9806.00	3.02	341.59	9785.63	-241.40	109.76	-241.40	265.18	155.55	0.80
9807.00	3.02	341.79	9786.63	-241.35	109.74	-241.35	265.13	155.55	1.08
9808.00	3.02	341.95	9787.63	-241.30	109.73	-241.30	265.08	155.55	0.96
9809.00	3.03	342.09	9788.62	-241.25	109.71	-241.25	265.03	155.55	0.90
9810.00	3.03	342.24	9789.62	-241.20	109.69	-241.20	264.97	155.54	0.99
9811.00	3.04	342.41	9790.62	-241.15	109.68	-241.15	264.92	155.54	1.23
9812.00	3.05	342.55	9791.62	-241.10	109.66	-241.10	264.87	155.54	0.87
9813.00	3.05	342.67	9792.62	-241.05	109.65	-241.05	264.82	155.54	0.73
9814.00	3.06	342.83	9793.62	-241.00	109.63	-241.00	264.76	155.54	0.96
9815.00	3.06	343.01	9794.62	-240.95	109.61	-240.95	264.71	155.54	1.06
9816.00	3.06	343.18	9795.61	-240.90	109.60	-240.90	264.66	155.54	0.94
9817.00	3.06	343.35	9796.61	-240.85	109.58	-240.85	264.61	155.53	0.89

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9818.00	3.07	343.52	9797.61	-240.80	109.57	-240.80	264.55	155.53	1.05
9819.00	3.08	343.69	9798.61	-240.74	109.55	-240.74	264.50	155.53	1.14
9820.00	3.08	343.85	9799.61	-240.69	109.54	-240.69	264.45	155.53	1.21
9821.00	3.09	344.01	9800.61	-240.64	109.52	-240.64	264.39	155.53	1.23
9822.00	3.10	344.19	9801.61	-240.59	109.51	-240.59	264.34	155.53	1.11
9823.00	3.10	344.38	9802.60	-240.54	109.49	-240.54	264.29	155.52	1.10
9824.00	3.11	344.58	9803.60	-240.48	109.48	-240.48	264.23	155.52	1.20
9825.00	3.11	344.78	9804.60	-240.43	109.47	-240.43	264.18	155.52	1.17
9826.00	3.12	344.91	9805.60	-240.38	109.45	-240.38	264.13	155.52	0.88
9827.00	3.12	345.04	9806.60	-240.33	109.44	-240.33	264.07	155.52	0.88
9828.00	3.13	345.13	9807.60	-240.27	109.42	-240.27	264.02	155.52	0.88
9829.00	3.14	345.20	9808.60	-240.22	109.41	-240.22	263.96	155.51	0.78
9830.00	3.14	345.26	9809.59	-240.17	109.39	-240.17	263.91	155.51	0.55
9831.00	3.15	345.33	9810.59	-240.12	109.38	-240.12	263.86	155.51	0.59
9832.00	3.15	345.42	9811.59	-240.06	109.37	-240.06	263.80	155.51	0.66
9833.00	3.16	345.48	9812.59	-240.01	109.35	-240.01	263.75	155.51	0.60
9834.00	3.16	345.54	9813.59	-239.96	109.34	-239.96	263.69	155.50	0.56
9835.00	3.16	345.59	9814.59	-239.90	109.33	-239.90	263.64	155.50	0.57
9836.00	3.17	345.64	9815.59	-239.85	109.31	-239.85	263.58	155.50	0.60
9837.00	3.18	345.70	9816.58	-239.80	109.30	-239.80	263.53	155.50	0.70
9838.00	3.19	345.76	9817.58	-239.74	109.28	-239.74	263.48	155.49	0.94
9839.00	3.19	345.79	9818.58	-239.69	109.27	-239.69	263.42	155.49	0.58
9840.00	3.20	345.83	9819.58	-239.63	109.26	-239.63	263.37	155.49	0.55
9841.00	3.20	345.89	9820.58	-239.58	109.24	-239.58	263.31	155.49	0.42
9842.00	3.20	345.95	9821.58	-239.53	109.23	-239.53	263.26	155.49	0.39
9843.00	3.20	345.98	9822.57	-239.47	109.22	-239.47	263.20	155.48	0.30
9844.00	3.20	346.02	9823.57	-239.42	109.20	-239.42	263.15	155.48	0.30
9845.00	3.21	346.03	9824.57	-239.36	109.19	-239.36	263.09	155.48	0.43
9846.00	3.21	346.05	9825.57	-239.31	109.18	-239.31	263.04	155.48	0.45
9847.00	3.22	346.10	9826.57	-239.25	109.16	-239.25	262.98	155.47	0.46
9848.00	3.22	346.15	9827.57	-239.20	109.15	-239.20	262.93	155.47	0.44
9849.00	3.23	346.10	9828.56	-239.15	109.14	-239.15	262.87	155.47	0.58
9850.00	3.23	346.06	9829.56	-239.09	109.12	-239.09	262.82	155.47	0.55
9851.00	3.23	346.04	9830.56	-239.04	109.11	-239.04	262.76	155.47	0.45
9852.00	3.24	346.05	9831.56	-238.98	109.09	-238.98	262.70	155.46	0.38
9853.00	3.24	346.09	9832.56	-238.93	109.08	-238.93	262.65	155.46	0.41
9854.00	3.25	346.07	9833.56	-238.87	109.07	-238.87	262.59	155.46	0.41
9855.00	3.25	345.98	9834.56	-238.82	109.05	-238.82	262.54	155.46	0.69
9856.00	3.25	345.94	9835.55	-238.76	109.04	-238.76	262.48	155.45	0.40
9857.00	3.26	345.92	9836.55	-238.71	109.03	-238.71	262.43	155.45	0.29

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9858.00	3.26	345.90	9837.55	-238.65	109.01	-238.65	262.37	155.45	0.30
9859.00	3.26	345.88	9838.55	-238.60	109.00	-238.60	262.31	155.45	0.30
9860.00	3.27	345.86	9839.55	-238.54	108.98	-238.54	262.26	155.45	0.46
9861.00	3.27	345.84	9840.55	-238.49	108.97	-238.49	262.20	155.44	0.48
9862.00	3.28	345.83	9841.54	-238.43	108.96	-238.43	262.15	155.44	0.56
9863.00	3.28	345.82	9842.54	-238.37	108.94	-238.37	262.09	155.44	0.53
9864.00	3.29	345.84	9843.54	-238.32	108.93	-238.32	262.03	155.44	0.34
9865.00	3.29	345.85	9844.54	-238.26	108.91	-238.26	261.98	155.43	0.30
9866.00	3.29	345.85	9845.54	-238.21	108.90	-238.21	261.92	155.43	0.15
9867.00	3.29	345.84	9846.54	-238.15	108.89	-238.15	261.86	155.43	0.11
9868.00	3.29	345.82	9847.53	-238.10	108.87	-238.10	261.81	155.43	0.09
9869.00	3.29	345.82	9848.53	-238.04	108.86	-238.04	261.75	155.42	0.07
9870.00	3.29	345.83	9849.53	-237.99	108.84	-237.99	261.69	155.42	0.12
9871.00	3.29	345.85	9850.53	-237.93	108.83	-237.93	261.64	155.42	0.11
9872.00	3.29	345.87	9851.53	-237.87	108.82	-237.87	261.58	155.42	0.11
9873.00	3.29	345.88	9852.53	-237.82	108.80	-237.82	261.53	155.42	0.11
9874.00	3.29	345.90	9853.52	-237.76	108.79	-237.76	261.47	155.41	0.11
9875.00	3.29	345.92	9854.52	-237.71	108.77	-237.71	261.41	155.41	0.11
9876.00	3.29	345.94	9855.52	-237.65	108.76	-237.65	261.36	155.41	0.11
9877.00	3.29	345.96	9856.52	-237.60	108.75	-237.60	261.30	155.41	0.11
9878.00	3.29	345.97	9857.52	-237.54	108.73	-237.54	261.24	155.40	0.11
9879.00	3.29	345.99	9858.52	-237.48	108.72	-237.48	261.19	155.40	0.11
9880.00	3.29	346.01	9859.51	-237.43	108.70	-237.43	261.13	155.40	0.11
9881.00	3.29	346.03	9860.51	-237.37	108.69	-237.37	261.07	155.40	0.11
9882.00	3.29	346.05	9861.51	-237.32	108.68	-237.32	261.02	155.40	0.15
9883.00	3.30	346.14	9862.51	-237.26	108.66	-237.26	260.96	155.39	0.50
9884.00	3.30	346.23	9863.51	-237.21	108.65	-237.21	260.90	155.39	0.50
9885.00	3.30	346.31	9864.51	-237.15	108.64	-237.15	260.85	155.39	0.50
9886.00	3.30	346.40	9865.50	-237.09	108.62	-237.09	260.79	155.39	0.50
9887.00	3.30	346.48	9866.50	-237.04	108.61	-237.04	260.73	155.38	0.48
9888.00	3.30	346.56	9867.50	-236.98	108.60	-236.98	260.68	155.38	0.46
9889.00	3.29	346.63	9868.50	-236.93	108.58	-236.93	260.62	155.38	0.43
9890.00	3.30	346.71	9869.50	-236.87	108.57	-236.87	260.57	155.38	0.43
9891.00	3.30	346.77	9870.50	-236.81	108.56	-236.81	260.51	155.37	0.39
9892.00	3.29	346.84	9871.49	-236.76	108.54	-236.76	260.45	155.37	0.42
9893.00	3.29	346.85	9872.49	-236.70	108.53	-236.70	260.40	155.37	0.11
9894.00	3.29	346.81	9873.49	-236.65	108.52	-236.65	260.34	155.37	0.22
9895.00	3.29	346.81	9874.49	-236.59	108.50	-236.59	260.28	155.36	0.11
9896.00	3.30	346.84	9875.49	-236.53	108.49	-236.53	260.23	155.36	0.20
9897.00	3.30	346.92	9876.49	-236.48	108.48	-236.48	260.17	155.36	0.48

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9898.00	3.30	346.99	9877.48	-236.42	108.46	-236.42	260.12	155.36	0.38
9899.00	3.30	347.01	9878.48	-236.37	108.45	-236.37	260.06	155.35	0.29
9900.00	3.30	347.04	9879.48	-236.31	108.44	-236.31	260.00	155.35	0.28
9901.00	3.30	347.05	9880.48	-236.25	108.43	-236.25	259.95	155.35	0.25
9902.00	3.31	347.06	9881.48	-236.20	108.41	-236.20	259.89	155.35	0.31
9903.00	3.31	347.06	9882.48	-236.14	108.40	-236.14	259.83	155.34	0.39
9904.00	3.31	347.07	9883.47	-236.09	108.39	-236.09	259.78	155.34	0.27
9905.00	3.31	347.08	9884.47	-236.03	108.37	-236.03	259.72	155.34	0.12
9906.00	3.32	347.09	9885.47	-235.97	108.36	-235.97	259.66	155.33	0.23
9907.00	3.32	347.09	9886.47	-235.92	108.35	-235.92	259.61	155.33	0.33
9908.00	3.32	347.10	9887.47	-235.86	108.33	-235.86	259.55	155.33	0.29
9909.00	3.32	347.11	9888.47	-235.80	108.32	-235.80	259.49	155.33	0.07
9910.00	3.32	347.10	9889.46	-235.75	108.31	-235.75	259.44	155.32	0.19
9911.00	3.33	347.09	9890.46	-235.69	108.30	-235.69	259.38	155.32	0.28
9912.00	3.33	347.06	9891.46	-235.63	108.28	-235.63	259.32	155.32	0.51
9913.00	3.34	347.03	9892.46	-235.58	108.27	-235.58	259.27	155.32	0.57
9914.00	3.34	347.00	9893.46	-235.52	108.26	-235.52	259.21	155.31	0.25
9915.00	3.34	346.97	9894.46	-235.46	108.24	-235.46	259.15	155.31	0.22
9916.00	3.34	346.95	9895.45	-235.41	108.23	-235.41	259.09	155.31	0.18
9917.00	3.34	346.93	9896.45	-235.35	108.22	-235.35	259.04	155.31	0.18
9918.00	3.35	346.94	9897.45	-235.29	108.20	-235.29	258.98	155.30	0.55
9919.00	3.35	346.94	9898.45	-235.24	108.19	-235.24	258.92	155.30	0.51
9920.00	3.35	346.84	9899.45	-235.18	108.18	-235.18	258.87	155.30	0.57
9921.00	3.35	346.83	9900.45	-235.12	108.16	-235.12	258.81	155.30	0.06
9922.00	3.35	346.82	9901.44	-235.07	108.15	-235.07	258.75	155.29	0.06
9923.00	3.35	346.81	9902.44	-235.01	108.14	-235.01	258.69	155.29	0.06
9924.00	3.35	346.80	9903.44	-234.95	108.12	-234.95	258.64	155.29	0.06
9925.00	3.35	346.79	9904.44	-234.89	108.11	-234.89	258.58	155.29	0.06
9926.00	3.35	346.78	9905.44	-234.84	108.10	-234.84	258.52	155.28	0.06
9927.00	3.35	346.77	9906.44	-234.78	108.08	-234.78	258.46	155.28	0.06
9928.00	3.36	346.76	9907.43	-234.72	108.07	-234.72	258.41	155.28	0.06
9929.00	3.36	346.75	9908.43	-234.67	108.06	-234.67	258.35	155.28	0.06
9930.00	3.36	346.74	9909.43	-234.61	108.04	-234.61	258.29	155.27	0.06
9931.00	3.36	346.73	9910.43	-234.55	108.03	-234.55	258.24	155.27	0.06
9932.00	3.36	346.72	9911.43	-234.50	108.02	-234.50	258.18	155.27	0.06
9933.00	3.36	346.71	9912.43	-234.44	108.00	-234.44	258.12	155.26	0.06
9934.00	3.36	346.70	9913.42	-234.38	107.99	-234.38	258.06	155.26	0.06
9935.00	3.36	346.69	9914.42	-234.32	107.98	-234.32	258.01	155.26	0.06
9936.00	3.36	346.68	9915.42	-234.27	107.96	-234.27	257.95	155.26	0.06
9937.00	3.36	346.67	9916.42	-234.21	107.95	-234.21	257.89	155.25	0.06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9938.00	3.36	346.66	9917.42	-234.15	107.94	-234.15	257.83	155.25	0.06
9939.00	3.36	346.65	9918.41	-234.10	107.92	-234.10	257.78	155.25	0.06
9940.00	3.36	346.64	9919.41	-234.04	107.91	-234.04	257.72	155.25	0.06
9941.00	3.36	346.63	9920.41	-233.98	107.90	-233.98	257.66	155.24	0.06
9942.00	3.36	346.62	9921.41	-233.93	107.88	-233.93	257.60	155.24	0.06
9943.00	3.36	346.61	9922.41	-233.87	107.87	-233.87	257.55	155.24	0.06
9944.00	3.36	346.60	9923.41	-233.81	107.86	-233.81	257.49	155.24	0.06
9945.00	3.36	346.59	9924.40	-233.75	107.84	-233.75	257.43	155.23	0.06
9946.00	3.36	346.58	9925.40	-233.70	107.83	-233.70	257.37	155.23	0.06
9947.00	3.36	346.57	9926.40	-233.64	107.81	-233.64	257.32	155.23	0.06
9948.00	3.36	346.59	9927.40	-233.58	107.80	-233.58	257.26	155.23	0.08
9949.00	3.36	346.60	9928.40	-233.53	107.79	-233.53	257.20	155.22	0.09
9950.00	3.36	346.62	9929.40	-233.47	107.77	-233.47	257.14	155.22	0.09
9951.00	3.36	346.63	9930.39	-233.41	107.76	-233.41	257.09	155.22	0.09
9952.00	3.36	346.63	9931.39	-233.36	107.75	-233.36	257.03	155.22	0.14
9953.00	3.36	346.62	9932.39	-233.30	107.73	-233.30	256.97	155.21	0.28
9954.00	3.37	346.63	9933.39	-233.24	107.72	-233.24	256.91	155.21	0.26
9955.00	3.37	346.67	9934.39	-233.18	107.71	-233.18	256.86	155.21	0.33
9956.00	3.37	346.72	9935.39	-233.13	107.69	-233.13	256.80	155.21	0.49
9957.00	3.38	346.77	9936.38	-233.07	107.68	-233.07	256.74	155.20	0.61
9958.00	3.38	346.79	9937.38	-233.01	107.67	-233.01	256.68	155.20	0.48
9959.00	3.39	346.80	9938.38	-232.95	107.65	-232.95	256.63	155.20	0.44
9960.00	3.39	346.83	9939.38	-232.90	107.64	-232.90	256.57	155.20	0.27
9961.00	3.39	346.87	9940.38	-232.84	107.62	-232.84	256.51	155.19	0.26
9962.00	3.39	346.92	9941.38	-232.78	107.61	-232.78	256.45	155.19	0.37
9963.00	3.40	346.97	9942.37	-232.72	107.60	-232.72	256.39	155.19	0.40
9964.00	3.40	346.98	9943.37	-232.67	107.58	-232.67	256.34	155.18	0.50
9965.00	3.41	346.98	9944.37	-232.61	107.57	-232.61	256.28	155.18	0.53
9966.00	3.41	346.94	9945.37	-232.55	107.56	-232.55	256.22	155.18	0.25
9967.00	3.41	346.90	9946.37	-232.49	107.54	-232.49	256.16	155.18	0.26
9968.00	3.41	346.87	9947.36	-232.44	107.53	-232.44	256.10	155.17	0.55
9969.00	3.42	346.83	9948.36	-232.38	107.52	-232.38	256.05	155.17	0.50
9970.00	3.42	346.78	9949.36	-232.32	107.50	-232.32	255.99	155.17	0.29
9971.00	3.42	346.74	9950.36	-232.26	107.49	-232.26	255.93	155.17	0.28
9972.00	3.43	346.73	9951.36	-232.20	107.48	-232.20	255.87	155.16	0.82
9973.00	3.43	346.73	9952.36	-232.14	107.46	-232.14	255.81	155.16	0.66
9974.00	3.43	346.73	9953.35	-232.09	107.45	-232.09	255.75	155.16	0.02
9975.00	3.43	346.74	9954.35	-232.03	107.44	-232.03	255.69	155.15	0.09
9976.00	3.44	346.77	9955.35	-231.97	107.42	-231.97	255.64	155.15	0.45
9977.00	3.44	346.82	9956.35	-231.91	107.41	-231.91	255.58	155.15	0.56

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9978.00	3.45	346.91	9957.35	-231.85	107.39	-231.85	255.52	155.15	0.82
9979.00	3.45	346.99	9958.34	-231.79	107.38	-231.79	255.46	155.14	0.62
9980.00	3.45	347.06	9959.34	-231.74	107.37	-231.74	255.40	155.14	0.42
9981.00	3.46	347.10	9960.34	-231.68	107.35	-231.68	255.34	155.14	0.39
9982.00	3.46	347.11	9961.34	-231.62	107.34	-231.62	255.28	155.14	0.68
9983.00	3.47	347.10	9962.34	-231.56	107.33	-231.56	255.22	155.13	0.60
9984.00	3.47	347.07	9963.34	-231.50	107.31	-231.50	255.16	155.13	0.56
9985.00	3.48	347.04	9964.33	-231.44	107.30	-231.44	255.10	155.13	0.31
9986.00	3.48	347.03	9965.33	-231.38	107.29	-231.38	255.04	155.12	0.11
9987.00	3.48	347.01	9966.33	-231.32	107.27	-231.32	254.99	155.12	0.26
9988.00	3.48	347.00	9967.33	-231.26	107.26	-231.26	254.93	155.12	0.41
9989.00	3.49	346.99	9968.33	-231.20	107.24	-231.20	254.87	155.12	0.40
9990.00	3.49	346.97	9969.32	-231.15	107.23	-231.15	254.81	155.11	0.39
9991.00	3.50	346.94	9970.32	-231.09	107.22	-231.09	254.75	155.11	0.61
9992.00	3.50	346.91	9971.32	-231.03	107.20	-231.03	254.69	155.11	0.70
9993.00	3.51	346.92	9972.32	-230.97	107.19	-230.97	254.63	155.10	0.30
9994.00	3.51	346.96	9973.32	-230.91	107.18	-230.91	254.57	155.10	0.23
9995.00	3.51	346.98	9974.32	-230.85	107.16	-230.85	254.51	155.10	0.57
9996.00	3.52	346.99	9975.31	-230.79	107.15	-230.79	254.45	155.10	0.67
9997.00	3.52	347.00	9976.31	-230.73	107.13	-230.73	254.39	155.09	0.18
9998.00	3.52	347.00	9977.31	-230.67	107.12	-230.67	254.33	155.09	0.12
9999.00	3.52	347.02	9978.31	-230.61	107.11	-230.61	254.27	155.09	0.13
10000.00	3.52	347.04	9979.31	-230.55	107.09	-230.55	254.21	155.08	0.15
10001.00	3.53	347.01	9980.30	-230.49	107.08	-230.49	254.15	155.08	0.54
10002.00	3.53	346.97	9981.30	-230.43	107.07	-230.43	254.09	155.08	0.43
10003.00	3.53	346.90	9982.30	-230.37	107.05	-230.37	254.03	155.08	0.45
10004.00	3.53	346.86	9983.30	-230.31	107.04	-230.31	253.97	155.07	0.24
10005.00	3.53	346.88	9984.30	-230.25	107.02	-230.25	253.91	155.07	0.25
10006.00	3.53	346.92	9985.29	-230.19	107.01	-230.19	253.85	155.07	0.34
10007.00	3.54	346.98	9986.29	-230.13	107.00	-230.13	253.79	155.06	0.50
10008.00	3.54	347.01	9987.29	-230.07	106.98	-230.07	253.73	155.06	0.21
10009.00	3.54	347.01	9988.29	-230.01	106.97	-230.01	253.66	155.06	0.03
10010.00	3.54	347.03	9989.29	-229.95	106.95	-229.95	253.60	155.06	0.14
10011.00	3.54	347.07	9990.28	-229.89	106.94	-229.89	253.54	155.05	0.22
10012.00	3.54	347.10	9991.28	-229.83	106.93	-229.83	253.48	155.05	0.18
10013.00	3.54	347.13	9992.28	-229.77	106.91	-229.77	253.42	155.05	0.17
10014.00	3.54	347.15	9993.28	-229.71	106.90	-229.71	253.36	155.04	0.20
10015.00	3.54	347.18	9994.28	-229.65	106.89	-229.65	253.30	155.04	0.20
10016.00	3.54	347.20	9995.28	-229.59	106.87	-229.59	253.24	155.04	0.11
10017.00	3.54	347.21	9996.27	-229.53	106.86	-229.53	253.18	155.04	0.12

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10018.00	3.54	347.23	9997.27	-229.47	106.84	-229.47	253.12	155.03	0.15
10019.00	3.54	347.24	9998.27	-229.41	106.83	-229.41	253.06	155.03	0.09
10020.00	3.54	347.24	9999.27	-229.35	106.82	-229.35	253.00	155.03	0.30
10021.00	3.54	347.23	10000.27	-229.29	106.80	-229.29	252.94	155.02	0.21
10022.00	3.54	347.25	10001.26	-229.23	106.79	-229.23	252.88	155.02	0.12
10023.00	3.54	347.28	10002.26	-229.17	106.78	-229.17	252.82	155.02	0.20
10024.00	3.54	347.33	10003.26	-229.11	106.76	-229.11	252.76	155.01	0.36
10025.00	3.54	347.39	10004.26	-229.04	106.75	-229.04	252.70	155.01	0.35
10026.00	3.54	347.45	10005.26	-228.98	106.74	-228.98	252.64	155.01	0.40
10027.00	3.54	347.48	10006.25	-228.92	106.72	-228.92	252.58	155.01	0.21
10028.00	3.54	347.50	10007.25	-228.86	106.71	-228.86	252.52	155.00	0.11
10029.00	3.54	347.54	10008.25	-228.80	106.70	-228.80	252.46	155.00	0.27
10030.00	3.54	347.59	10009.25	-228.74	106.68	-228.74	252.40	155.00	0.37
10031.00	3.54	347.60	10010.25	-228.68	106.67	-228.68	252.34	154.99	0.13
10032.00	3.54	347.62	10011.24	-228.62	106.66	-228.62	252.28	154.99	0.14
10033.00	3.54	347.63	10012.24	-228.56	106.64	-228.56	252.22	154.99	0.08
10034.00	3.54	347.64	10013.24	-228.50	106.63	-228.50	252.16	154.98	0.10
10035.00	3.55	347.66	10014.24	-228.44	106.62	-228.44	252.10	154.98	0.33
10036.00	3.55	347.69	10015.24	-228.38	106.60	-228.38	252.04	154.98	0.39
10037.00	3.55	347.73	10016.24	-228.32	106.59	-228.32	251.98	154.97	0.28
10038.00	3.55	347.78	10017.23	-228.26	106.58	-228.26	251.92	154.97	0.29
10039.00	3.55	347.78	10018.23	-228.20	106.56	-228.20	251.85	154.97	0.04
10040.00	3.55	347.79	10019.23	-228.14	106.55	-228.14	251.79	154.97	0.05
10041.00	3.55	347.82	10020.23	-228.08	106.54	-228.08	251.73	154.96	0.24
10042.00	3.55	347.87	10021.23	-228.02	106.52	-228.02	251.67	154.96	0.26
10043.00	3.55	347.92	10022.22	-227.96	106.51	-227.96	251.61	154.96	0.36
10044.00	3.55	347.96	10023.22	-227.90	106.50	-227.90	251.55	154.95	0.24
10045.00	3.55	347.96	10024.22	-227.84	106.49	-227.84	251.49	154.95	0.20
10046.00	3.55	347.99	10025.22	-227.78	106.47	-227.78	251.43	154.95	0.18
10047.00	3.54	348.05	10026.22	-227.72	106.46	-227.72	251.37	154.94	0.59
10048.00	3.54	348.07	10027.21	-227.66	106.45	-227.66	251.31	154.94	0.19
10049.00	3.54	348.05	10028.21	-227.59	106.43	-227.59	251.25	154.94	0.22
10050.00	3.54	348.06	10029.21	-227.53	106.42	-227.53	251.19	154.93	0.24
10051.00	3.54	348.09	10030.21	-227.47	106.41	-227.47	251.13	154.93	0.54
10052.00	3.54	348.14	10031.21	-227.41	106.40	-227.41	251.07	154.93	0.32
10053.00	3.54	348.19	10032.20	-227.35	106.38	-227.35	251.01	154.92	0.36
10054.00	3.53	348.25	10033.20	-227.29	106.37	-227.29	250.95	154.92	0.53
10055.00	3.53	348.30	10034.20	-227.23	106.36	-227.23	250.89	154.92	0.68
10056.00	3.52	348.32	10035.20	-227.17	106.35	-227.17	250.83	154.91	0.91
10057.00	3.51	348.37	10036.20	-227.11	106.33	-227.11	250.77	154.91	0.65

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10058.00	3.51	348.44	10037.20	-227.05	106.32	-227.05	250.71	154.91	0.44
10059.00	3.51	348.51	10038.19	-226.99	106.31	-226.99	250.65	154.90	0.59
10060.00	3.50	348.58	10039.19	-226.93	106.30	-226.93	250.59	154.90	0.95
10061.00	3.49	348.63	10040.19	-226.87	106.28	-226.87	250.53	154.90	0.88
10062.00	3.48	348.66	10041.19	-226.81	106.27	-226.81	250.48	154.89	0.82
10063.00	3.47	348.76	10042.19	-226.75	106.26	-226.75	250.42	154.89	1.10
10064.00	3.46	348.90	10043.18	-226.69	106.25	-226.69	250.36	154.89	1.34
10065.00	3.46	349.09	10044.18	-226.63	106.24	-226.63	250.30	154.88	1.35
10066.00	3.45	349.28	10045.18	-226.58	106.23	-226.58	250.24	154.88	1.38
10067.00	3.44	349.41	10046.18	-226.52	106.21	-226.52	250.18	154.88	1.22
10068.00	3.43	349.50	10047.18	-226.46	106.20	-226.46	250.12	154.87	1.21
10069.00	3.41	349.60	10048.18	-226.40	106.19	-226.40	250.07	154.87	1.47
10070.00	3.40	349.70	10049.17	-226.34	106.18	-226.34	250.01	154.87	1.53
10071.00	3.39	349.85	10050.17	-226.28	106.17	-226.28	249.95	154.86	1.48
10072.00	3.38	350.02	10051.17	-226.22	106.16	-226.22	249.90	154.86	1.53
10073.00	3.36	350.26	10052.17	-226.17	106.15	-226.17	249.84	154.86	2.06
10074.00	3.35	350.49	10053.17	-226.11	106.14	-226.11	249.78	154.85	2.01
10075.00	3.33	350.71	10054.16	-226.05	106.13	-226.05	249.73	154.85	1.84
10076.00	3.32	350.92	10055.16	-225.99	106.12	-225.99	249.67	154.85	1.84
10077.00	3.30	351.10	10056.16	-225.94	106.11	-225.94	249.61	154.84	1.87
10078.00	3.29	351.21	10057.16	-225.88	106.11	-225.88	249.56	154.84	1.46
10079.00	3.28	351.31	10058.16	-225.82	106.10	-225.82	249.50	154.83	1.42
10080.00	3.27	351.52	10059.16	-225.77	106.09	-225.77	249.45	154.83	1.41
10081.00	3.26	351.72	10060.15	-225.71	106.08	-225.71	249.40	154.83	1.41
10082.00	3.25	351.91	10061.15	-225.65	106.07	-225.65	249.34	154.82	1.47
10083.00	3.24	352.08	10062.15	-225.60	106.06	-225.60	249.29	154.82	1.35
10084.00	3.24	352.18	10063.15	-225.54	106.06	-225.54	249.23	154.82	0.91
10085.00	3.23	352.28	10064.15	-225.49	106.05	-225.49	249.18	154.81	0.99
10086.00	3.22	352.43	10065.15	-225.43	106.04	-225.43	249.13	154.81	1.29
10087.00	3.21	352.55	10066.15	-225.38	106.03	-225.38	249.07	154.80	1.12
10088.00	3.20	352.64	10067.14	-225.32	106.03	-225.32	249.02	154.80	0.73
10089.00	3.20	352.72	10068.14	-225.26	106.02	-225.26	248.97	154.80	0.71
10090.00	3.19	352.80	10069.14	-225.21	106.01	-225.21	248.91	154.79	0.67
10091.00	3.19	352.89	10070.14	-225.15	106.01	-225.15	248.86	154.79	0.69
10092.00	3.18	352.99	10071.14	-225.10	106.00	-225.10	248.81	154.78	0.74
10093.00	3.18	353.11	10072.14	-225.04	105.99	-225.04	248.75	154.78	0.79
10094.00	3.18	353.24	10073.13	-224.99	105.98	-224.99	248.70	154.78	0.84
10095.00	3.17	353.33	10074.13	-224.93	105.98	-224.93	248.65	154.77	0.59
10096.00	3.17	353.36	10075.13	-224.88	105.97	-224.88	248.60	154.77	0.38
10097.00	3.17	353.34	10076.13	-224.82	105.97	-224.82	248.54	154.76	0.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10098.00	3.17	353.28	10077.13	-224.77	105.96	-224.77	248.49	154.76	0.33
10099.00	3.16	353.26	10078.13	-224.71	105.95	-224.71	248.44	154.76	0.28
10100.00	3.16	353.25	10079.13	-224.66	105.95	-224.66	248.39	154.75	0.30
10101.00	3.16	353.33	10080.12	-224.60	105.94	-224.60	248.34	154.75	0.53
10102.00	3.15	353.42	10081.12	-224.55	105.93	-224.55	248.28	154.74	0.58
10103.00	3.15	353.48	10082.12	-224.50	105.93	-224.50	248.23	154.74	0.66
10104.00	3.14	353.54	10083.12	-224.44	105.92	-224.44	248.18	154.74	0.55
10105.00	3.14	353.57	10084.12	-224.39	105.91	-224.39	248.13	154.73	0.19
10106.00	3.14	353.58	10085.12	-224.33	105.91	-224.33	248.08	154.73	0.18
10107.00	3.14	353.55	10086.11	-224.28	105.90	-224.28	248.02	154.72	0.52
10108.00	3.13	353.52	10087.11	-224.22	105.90	-224.22	247.97	154.72	0.32
10109.00	3.13	353.51	10088.11	-224.17	105.89	-224.17	247.92	154.72	0.13
10110.00	3.13	353.49	10089.11	-224.11	105.88	-224.11	247.87	154.71	0.29
10111.00	3.13	353.45	10090.11	-224.06	105.88	-224.06	247.82	154.71	0.39
10112.00	3.12	353.43	10091.11	-224.01	105.87	-224.01	247.77	154.70	0.26
10113.00	3.12	353.41	10092.11	-223.95	105.87	-223.95	247.71	154.70	0.21
10114.00	3.12	353.33	10093.10	-223.90	105.86	-223.90	247.66	154.70	0.46
10115.00	3.12	353.26	10094.10	-223.84	105.85	-223.84	247.61	154.69	0.49
10116.00	3.11	353.25	10095.10	-223.79	105.85	-223.79	247.56	154.69	0.61
10117.00	3.11	353.25	10096.10	-223.74	105.84	-223.74	247.51	154.68	0.59
10118.00	3.10	353.23	10097.10	-223.68	105.83	-223.68	247.46	154.68	0.40
10119.00	3.10	353.20	10098.10	-223.63	105.83	-223.63	247.40	154.68	0.44
10120.00	3.09	353.18	10099.10	-223.57	105.82	-223.57	247.35	154.67	0.55
10121.00	3.09	353.20	10100.09	-223.52	105.81	-223.52	247.30	154.67	0.49
10122.00	3.08	353.31	10101.09	-223.47	105.81	-223.47	247.25	154.66	0.67
10123.00	3.08	353.33	10102.09	-223.41	105.80	-223.41	247.20	154.66	0.28
10124.00	3.08	353.23	10103.09	-223.36	105.80	-223.36	247.15	154.66	0.53
10125.00	3.08	353.14	10104.09	-223.31	105.79	-223.31	247.10	154.65	0.69
10126.00	3.07	353.04	10105.09	-223.25	105.78	-223.25	247.05	154.65	0.87
10127.00	3.06	352.98	10106.09	-223.20	105.78	-223.20	247.00	154.64	0.64
10128.00	3.06	352.93	10107.08	-223.15	105.77	-223.15	246.95	154.64	0.54
10129.00	3.05	352.89	10108.08	-223.10	105.76	-223.10	246.90	154.64	0.53
10130.00	3.05	352.85	10109.08	-223.04	105.76	-223.04	246.85	154.63	0.53
10131.00	3.04	352.81	10110.08	-222.99	105.75	-222.99	246.79	154.63	0.67
10132.00	3.04	352.77	10111.08	-222.94	105.74	-222.94	246.74	154.62	0.73
10133.00	3.03	352.69	10112.08	-222.89	105.74	-222.89	246.69	154.62	0.74
10134.00	3.02	352.60	10113.08	-222.83	105.73	-222.83	246.64	154.62	0.76
10135.00	3.02	352.51	10114.07	-222.78	105.72	-222.78	246.59	154.61	0.80
10136.00	3.01	352.42	10115.07	-222.73	105.72	-222.73	246.54	154.61	0.81
10137.00	3.01	352.34	10116.07	-222.68	105.71	-222.68	246.49	154.61	0.69

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10138.00	3.00	352.25	10117.07	-222.62	105.70	-222.62	246.44	154.60	0.66
10139.00	2.99	352.12	10118.07	-222.57	105.70	-222.57	246.39	154.60	0.95
10140.00	2.99	351.98	10119.07	-222.52	105.69	-222.52	246.34	154.59	0.98
10141.00	2.98	351.93	10120.07	-222.47	105.68	-222.47	246.29	154.59	0.87
10142.00	2.97	351.87	10121.06	-222.42	105.67	-222.42	246.24	154.59	0.85
10143.00	2.96	351.79	10122.06	-222.37	105.67	-222.37	246.20	154.58	0.78
10144.00	2.96	351.70	10123.06	-222.32	105.66	-222.32	246.15	154.58	0.93
10145.00	2.94	351.52	10124.06	-222.26	105.65	-222.26	246.10	154.58	1.54
10146.00	2.93	351.33	10125.06	-222.21	105.64	-222.21	246.05	154.57	1.43
10147.00	2.92	351.14	10126.06	-222.16	105.64	-222.16	246.00	154.57	1.40
10148.00	2.92	351.04	10127.06	-222.11	105.63	-222.11	245.95	154.57	0.95
10149.00	2.91	350.94	10128.06	-222.06	105.62	-222.06	245.90	154.56	0.96
10150.00	2.90	350.86	10129.05	-222.01	105.61	-222.01	245.85	154.56	1.11
10151.00	2.89	350.77	10130.05	-221.96	105.60	-221.96	245.80	154.56	1.08
10152.00	2.88	350.63	10131.05	-221.91	105.60	-221.91	245.76	154.55	1.03
10153.00	2.87	350.49	10132.05	-221.86	105.59	-221.86	245.71	154.55	1.03
10154.00	2.86	350.35	10133.05	-221.81	105.58	-221.81	245.66	154.55	1.00
10155.00	2.86	350.23	10134.05	-221.77	105.57	-221.77	245.61	154.54	0.96
10156.00	2.85	350.15	10135.05	-221.72	105.56	-221.72	245.56	154.54	0.87
10157.00	2.84	350.07	10136.05	-221.67	105.55	-221.67	245.52	154.54	0.90
10158.00	2.83	350.06	10137.04	-221.62	105.54	-221.62	245.47	154.53	1.21
10159.00	2.82	350.03	10138.04	-221.57	105.54	-221.57	245.42	154.53	1.12
10160.00	2.81	349.98	10139.04	-221.52	105.53	-221.52	245.37	154.53	0.99
10161.00	2.80	349.95	10140.04	-221.47	105.52	-221.47	245.33	154.52	0.90
10162.00	2.79	349.94	10141.04	-221.43	105.51	-221.43	245.28	154.52	0.78
10163.00	2.78	349.90	10142.04	-221.38	105.50	-221.38	245.23	154.52	0.88
10164.00	2.77	349.79	10143.04	-221.33	105.49	-221.33	245.19	154.52	1.10
10165.00	2.77	349.68	10144.04	-221.28	105.49	-221.28	245.14	154.51	1.01
10166.00	2.76	349.58	10145.03	-221.24	105.48	-221.24	245.09	154.51	0.93
10167.00	2.75	349.54	10146.03	-221.19	105.47	-221.19	245.05	154.51	0.69
10168.00	2.75	349.55	10147.03	-221.14	105.46	-221.14	245.00	154.50	0.53
10169.00	2.74	349.58	10148.03	-221.09	105.45	-221.09	244.95	154.50	0.69
10170.00	2.73	349.62	10149.03	-221.05	105.44	-221.05	244.91	154.50	0.80
10171.00	2.73	349.64	10150.03	-221.00	105.43	-221.00	244.86	154.50	0.53
10172.00	2.72	349.66	10151.03	-220.95	105.42	-220.95	244.82	154.49	0.41
10173.00	2.72	349.64	10152.03	-220.91	105.42	-220.91	244.77	154.49	0.62
10174.00	2.71	349.61	10153.03	-220.86	105.41	-220.86	244.72	154.49	0.71
10175.00	2.70	349.55	10154.02	-220.81	105.40	-220.81	244.68	154.48	0.90
10176.00	2.69	349.51	10155.02	-220.77	105.39	-220.77	244.63	154.48	0.86
10177.00	2.69	349.54	10156.02	-220.72	105.38	-220.72	244.59	154.48	0.46

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10178.00	2.68	349.56	10157.02	-220.68	105.37	-220.68	244.54	154.48	0.46
10179.00	2.68	349.52	10158.02	-220.63	105.37	-220.63	244.50	154.47	0.54
10180.00	2.67	349.45	10159.02	-220.58	105.36	-220.58	244.45	154.47	0.59
10181.00	2.67	349.32	10160.02	-220.54	105.35	-220.54	244.41	154.47	0.78
10182.00	2.66	349.19	10161.02	-220.49	105.34	-220.49	244.36	154.46	0.80
10183.00	2.66	349.08	10162.02	-220.45	105.33	-220.45	244.32	154.46	0.76
10184.00	2.65	348.97	10163.01	-220.40	105.32	-220.40	244.27	154.46	0.76
10185.00	2.65	348.85	10164.01	-220.36	105.31	-220.36	244.23	154.46	0.76
10186.00	2.64	348.71	10165.01	-220.31	105.30	-220.31	244.18	154.45	0.83
10187.00	2.63	348.51	10166.01	-220.27	105.29	-220.27	244.14	154.45	1.13
10188.00	2.63	348.38	10167.01	-220.22	105.29	-220.22	244.09	154.45	0.76
10189.00	2.63	348.28	10168.01	-220.18	105.28	-220.18	244.05	154.45	0.66
10190.00	2.62	348.17	10169.01	-220.13	105.27	-220.13	244.01	154.44	0.67
10191.00	2.62	348.05	10170.01	-220.09	105.26	-220.09	243.96	154.44	0.69
10192.00	2.61	347.88	10171.01	-220.04	105.25	-220.04	243.92	154.44	1.02
10193.00	2.60	347.64	10172.01	-220.00	105.24	-220.00	243.87	154.44	1.31
10194.00	2.60	347.49	10173.00	-219.95	105.23	-219.95	243.83	154.43	0.92
10195.00	2.59	347.33	10174.00	-219.91	105.22	-219.91	243.78	154.43	0.92
10196.00	2.58	347.19	10175.00	-219.86	105.21	-219.86	243.74	154.43	0.92
10197.00	2.58	347.05	10176.00	-219.82	105.20	-219.82	243.70	154.43	0.92
10198.00	2.57	346.91	10177.00	-219.78	105.19	-219.78	243.65	154.42	0.79
10199.00	2.57	346.77	10178.00	-219.73	105.18	-219.73	243.61	154.42	0.78
10200.00	2.56	346.64	10179.00	-219.69	105.17	-219.69	243.56	154.42	0.73
10201.00	2.56	346.51	10180.00	-219.65	105.16	-219.65	243.52	154.42	0.75
10202.00	2.55	346.33	10181.00	-219.60	105.15	-219.60	243.48	154.41	0.91
10203.00	2.55	346.16	10181.99	-219.56	105.14	-219.56	243.43	154.41	0.89
10204.00	2.54	346.02	10182.99	-219.52	105.13	-219.52	243.39	154.41	0.82
10205.00	2.54	345.89	10183.99	-219.47	105.12	-219.47	243.35	154.41	0.74
10206.00	2.54	345.78	10184.99	-219.43	105.10	-219.43	243.30	154.41	0.57
10207.00	2.53	345.67	10185.99	-219.39	105.09	-219.39	243.26	154.40	0.69
10208.00	2.53	345.55	10186.99	-219.34	105.08	-219.34	243.22	154.40	0.89
10209.00	2.52	345.45	10187.99	-219.30	105.07	-219.30	243.17	154.40	0.87
10210.00	2.51	345.37	10188.99	-219.26	105.06	-219.26	243.13	154.40	0.86
10211.00	2.50	345.29	10189.99	-219.22	105.05	-219.22	243.09	154.40	0.65
10212.00	2.50	345.21	10190.99	-219.18	105.04	-219.18	243.04	154.39	0.53
10213.00	2.50	345.09	10191.99	-219.13	105.03	-219.13	243.00	154.39	0.70
10214.00	2.49	344.96	10192.98	-219.09	105.02	-219.09	242.96	154.39	0.71
10215.00	2.49	344.79	10193.98	-219.05	105.00	-219.05	242.92	154.39	0.87
10216.00	2.48	344.66	10194.98	-219.01	104.99	-219.01	242.87	154.39	0.72
10217.00	2.48	344.67	10195.98	-218.97	104.98	-218.97	242.83	154.38	0.37

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10218.00	2.48	344.68	10196.98	-218.92	104.97	-218.92	242.79	154.38	0.37
10219.00	2.47	344.60	10197.98	-218.88	104.96	-218.88	242.75	154.38	0.81
10220.00	2.46	344.50	10198.98	-218.84	104.95	-218.84	242.70	154.38	0.87
10221.00	2.45	344.32	10199.98	-218.80	104.94	-218.80	242.66	154.38	0.96
10222.00	2.45	344.16	10200.98	-218.76	104.92	-218.76	242.62	154.38	0.90
10223.00	2.44	344.00	10201.98	-218.72	104.91	-218.72	242.58	154.37	0.86
10224.00	2.44	343.88	10202.98	-218.68	104.90	-218.68	242.54	154.37	0.67
10225.00	2.44	343.77	10203.97	-218.64	104.89	-218.64	242.49	154.37	0.62
10226.00	2.43	343.69	10204.97	-218.59	104.88	-218.59	242.45	154.37	0.61
10227.00	2.42	343.62	10205.97	-218.55	104.87	-218.55	242.41	154.37	0.61
10228.00	2.42	343.49	10206.97	-218.51	104.85	-218.51	242.37	154.37	0.59
10229.00	2.42	343.36	10207.97	-218.47	104.84	-218.47	242.33	154.36	0.59
10230.00	2.42	343.29	10208.97	-218.43	104.83	-218.43	242.28	154.36	0.31
10231.00	2.42	343.22	10209.97	-218.39	104.82	-218.39	242.24	154.36	0.31
10232.00	2.41	343.09	10210.97	-218.35	104.80	-218.35	242.20	154.36	0.83
10233.00	2.41	342.97	10211.97	-218.31	104.79	-218.31	242.16	154.36	0.79
10234.00	2.40	342.83	10212.97	-218.27	104.78	-218.27	242.12	154.36	0.67
10235.00	2.40	342.69	10213.97	-218.23	104.77	-218.23	242.08	154.36	0.66
10236.00	2.40	342.53	10214.96	-218.19	104.76	-218.19	242.04	154.35	0.67
10237.00	2.40	342.41	10215.96	-218.15	104.74	-218.15	241.99	154.35	0.55
10238.00	2.40	342.33	10216.96	-218.11	104.73	-218.11	241.95	154.35	0.38
10239.00	2.39	342.25	10217.96	-218.07	104.72	-218.07	241.91	154.35	0.36
10240.00	2.40	342.15	10218.96	-218.03	104.70	-218.03	241.87	154.35	0.39
10241.00	2.40	342.03	10219.96	-217.99	104.69	-217.99	241.83	154.35	0.52
10242.00	2.39	341.86	10220.96	-217.95	104.68	-217.95	241.79	154.35	0.76
10243.00	2.39	341.70	10221.96	-217.91	104.67	-217.91	241.75	154.34	0.67
10244.00	2.39	341.57	10222.96	-217.87	104.65	-217.87	241.70	154.34	0.58
10245.00	2.39	341.41	10223.96	-217.83	104.64	-217.83	241.66	154.34	0.69
10246.00	2.39	341.24	10224.96	-217.79	104.63	-217.79	241.62	154.34	0.75
10247.00	2.38	341.08	10225.95	-217.75	104.61	-217.75	241.58	154.34	0.70
10248.00	2.38	340.93	10226.95	-217.72	104.60	-217.72	241.54	154.34	0.65
10249.00	2.38	340.80	10227.95	-217.68	104.59	-217.68	241.50	154.34	0.58
10250.00	2.38	340.69	10228.95	-217.64	104.57	-217.64	241.46	154.34	0.51
10251.00	2.38	340.58	10229.95	-217.60	104.56	-217.60	241.42	154.34	0.47
10252.00	2.37	340.43	10230.95	-217.56	104.54	-217.56	241.37	154.33	0.62
10253.00	2.37	340.28	10231.95	-217.52	104.53	-217.52	241.33	154.33	0.68
10254.00	2.37	340.13	10232.95	-217.48	104.52	-217.48	241.29	154.33	0.76
10255.00	2.36	339.99	10233.95	-217.44	104.50	-217.44	241.25	154.33	0.82
10256.00	2.36	339.86	10234.95	-217.40	104.49	-217.40	241.21	154.33	0.58
10257.00	2.37	339.72	10235.95	-217.36	104.47	-217.36	241.17	154.33	0.66

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10258.00	2.36	339.68	10236.95	-217.33	104.46	-217.33	241.13	154.33	1.06
10259.00	2.34	339.66	10237.94	-217.29	104.44	-217.29	241.09	154.33	1.40
10260.00	2.33	339.48	10238.94	-217.25	104.43	-217.25	241.05	154.33	1.08
10261.00	2.33	339.30	10239.94	-217.21	104.42	-217.21	241.01	154.33	1.07
10262.00	2.32	339.12	10240.94	-217.17	104.40	-217.17	240.97	154.32	1.02
10263.00	2.31	338.92	10241.94	-217.14	104.39	-217.14	240.92	154.32	1.10
10264.00	2.30	338.67	10242.94	-217.10	104.37	-217.10	240.88	154.32	1.29
10265.00	2.29	338.42	10243.94	-217.06	104.36	-217.06	240.84	154.32	1.42
10266.00	2.28	338.16	10244.94	-217.02	104.34	-217.02	240.80	154.32	1.55
10267.00	2.27	337.85	10245.94	-216.99	104.33	-216.99	240.77	154.32	1.68
10268.00	2.26	337.51	10246.94	-216.95	104.31	-216.95	240.73	154.32	1.76
10269.00	2.25	337.18	10247.94	-216.91	104.30	-216.91	240.69	154.32	1.76
10270.00	2.24	336.85	10248.94	-216.88	104.28	-216.88	240.65	154.32	1.76
10271.00	2.22	336.59	10249.93	-216.84	104.27	-216.84	240.61	154.32	2.25
10272.00	2.20	336.32	10250.93	-216.81	104.25	-216.81	240.57	154.32	2.29
10273.00	2.18	335.97	10251.93	-216.77	104.24	-216.77	240.53	154.32	2.06
10274.00	2.16	335.62	10252.93	-216.74	104.22	-216.74	240.49	154.32	2.02
10275.00	2.15	335.32	10253.93	-216.70	104.21	-216.70	240.46	154.32	1.88
10276.00	2.13	335.01	10254.93	-216.67	104.19	-216.67	240.42	154.32	2.10
10277.00	2.11	334.67	10255.93	-216.64	104.17	-216.64	240.38	154.32	2.65
10278.00	2.09	334.18	10256.93	-216.60	104.16	-216.60	240.35	154.32	2.85
10279.00	2.08	333.81	10257.93	-216.57	104.14	-216.57	240.31	154.32	1.58
10280.00	2.08	333.74	10258.93	-216.54	104.13	-216.54	240.27	154.32	0.26
10281.00	2.08	333.67	10259.93	-216.51	104.11	-216.51	240.24	154.32	0.26
10282.00	2.08	333.59	10260.93	-216.47	104.09	-216.47	240.20	154.32	0.26
10283.00	2.08	333.52	10261.93	-216.44	104.08	-216.44	240.16	154.32	0.26
10284.00	2.08	333.45	10262.93	-216.41	104.06	-216.41	240.13	154.32	0.26
10285.00	2.08	333.38	10263.93	-216.38	104.05	-216.38	240.09	154.32	0.26
10286.00	2.08	333.30	10264.92	-216.34	104.03	-216.34	240.06	154.32	0.26
10287.00	2.07	333.23	10265.92	-216.31	104.01	-216.31	240.02	154.32	0.26
10288.00	2.07	333.16	10266.92	-216.28	104.00	-216.28	239.98	154.32	0.26
10289.00	2.07	333.09	10267.92	-216.25	103.98	-216.25	239.95	154.32	0.26
10290.00	2.07	333.02	10268.92	-216.21	103.96	-216.21	239.91	154.32	0.26
10291.00	2.07	332.94	10269.92	-216.18	103.95	-216.18	239.87	154.32	0.26
10292.00	2.07	332.87	10270.92	-216.15	103.93	-216.15	239.84	154.32	0.26
10293.00	2.07	332.80	10271.92	-216.12	103.92	-216.12	239.80	154.32	0.26
10294.00	2.07	332.73	10272.92	-216.09	103.90	-216.09	239.77	154.32	0.26
10295.00	2.07	332.66	10273.92	-216.05	103.88	-216.05	239.73	154.32	0.26
10296.00	2.07	332.58	10274.92	-216.02	103.87	-216.02	239.69	154.32	0.26
10297.00	2.07	332.51	10275.92	-215.99	103.85	-215.99	239.66	154.32	0.26

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10298.00	2.07	332.44	10276.92	-215.96	103.83	-215.96	239.62	154.32	0.26
10299.00	2.07	332.37	10277.92	-215.93	103.82	-215.93	239.59	154.32	0.26
10300.00	2.07	332.29	10278.92	-215.89	103.80	-215.89	239.55	154.32	0.26
10301.00	2.07	332.22	10279.91	-215.86	103.78	-215.86	239.51	154.32	0.26
10302.00	2.07	332.15	10280.91	-215.83	103.76	-215.83	239.48	154.32	0.26
10303.00	2.07	332.08	10281.91	-215.80	103.75	-215.80	239.44	154.32	0.26
10304.00	2.07	332.01	10282.91	-215.77	103.73	-215.77	239.41	154.32	0.26
10305.00	2.07	331.93	10283.91	-215.73	103.71	-215.73	239.37	154.32	0.26
10306.00	2.07	331.86	10284.91	-215.70	103.70	-215.70	239.33	154.32	0.26
10307.00	2.07	331.79	10285.91	-215.67	103.68	-215.67	239.30	154.32	0.26
10308.00	2.07	331.72	10286.91	-215.64	103.66	-215.64	239.26	154.33	0.26
10309.00	2.07	331.64	10287.91	-215.61	103.65	-215.61	239.23	154.33	0.26
10310.00	2.07	331.57	10288.91	-215.57	103.63	-215.57	239.19	154.33	0.26
10311.00	2.07	331.50	10289.91	-215.54	103.61	-215.54	239.15	154.33	0.26
10312.00	2.07	331.43	10290.91	-215.51	103.59	-215.51	239.12	154.33	0.26
10313.00	2.06	331.35	10291.91	-215.48	103.58	-215.48	239.08	154.33	0.26
10314.00	2.06	331.28	10292.91	-215.45	103.56	-215.45	239.05	154.33	0.26
10315.00	2.06	331.21	10293.91	-215.42	103.54	-215.42	239.01	154.33	0.26
10316.00	2.06	331.14	10294.91	-215.39	103.53	-215.39	238.97	154.33	0.26
10317.00	2.06	331.07	10295.90	-215.35	103.51	-215.35	238.94	154.33	0.26
10318.00	2.06	330.99	10296.90	-215.32	103.49	-215.32	238.90	154.33	0.26
10319.00	2.06	330.92	10297.90	-215.29	103.47	-215.29	238.87	154.33	0.26
10320.00	2.06	330.85	10298.90	-215.26	103.46	-215.26	238.83	154.33	0.26
10321.00	2.06	330.78	10299.90	-215.23	103.44	-215.23	238.79	154.33	0.26
10322.00	2.06	330.70	10300.90	-215.20	103.42	-215.20	238.76	154.33	0.26
10323.00	2.06	330.63	10301.90	-215.16	103.40	-215.16	238.72	154.33	0.26
10324.00	2.06	330.56	10302.90	-215.13	103.38	-215.13	238.69	154.33	0.26
10325.00	2.06	330.49	10303.90	-215.10	103.37	-215.10	238.65	154.33	0.26
10326.00	2.06	330.42	10304.90	-215.07	103.35	-215.07	238.61	154.33	0.26
10327.00	2.06	330.34	10305.90	-215.04	103.33	-215.04	238.58	154.33	0.26
10328.00	2.06	330.27	10306.90	-215.01	103.31	-215.01	238.54	154.34	0.26
10329.00	2.06	330.20	10307.90	-214.98	103.30	-214.98	238.51	154.34	0.26
10330.00	2.06	330.13	10308.90	-214.95	103.28	-214.95	238.47	154.34	0.26
10331.00	2.06	330.05	10309.90	-214.92	103.26	-214.92	238.43	154.34	0.26
10332.00	2.06	329.98	10310.89	-214.88	103.24	-214.88	238.40	154.34	0.26
10333.00	2.06	329.91	10311.89	-214.85	103.22	-214.85	238.36	154.34	0.26
10334.00	2.06	329.84	10312.89	-214.82	103.21	-214.82	238.33	154.34	0.26
10335.00	2.06	329.77	10313.89	-214.79	103.19	-214.79	238.29	154.34	0.26
10336.00	2.06	329.69	10314.89	-214.76	103.17	-214.76	238.26	154.34	0.26
10337.00	2.06	329.62	10315.89	-214.73	103.15	-214.73	238.22	154.34	0.26

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10338.00	2.06	329.55	10316.89	-214.70	103.13	-214.70	238.18	154.34	0.26
10339.00	2.06	329.48	10317.89	-214.67	103.12	-214.67	238.15	154.34	0.26
10340.00	2.05	329.40	10318.89	-214.64	103.10	-214.64	238.11	154.34	0.26
10341.00	2.05	329.33	10319.89	-214.61	103.08	-214.61	238.08	154.34	0.26
10342.00	2.05	329.26	10320.89	-214.57	103.06	-214.57	238.04	154.34	0.26
10343.00	2.05	329.19	10321.89	-214.54	103.04	-214.54	238.01	154.35	0.26
10344.00	2.05	329.12	10322.89	-214.51	103.02	-214.51	237.97	154.35	0.26
10345.00	2.05	329.04	10323.89	-214.48	103.01	-214.48	237.93	154.35	0.26
10346.00	2.05	328.97	10324.89	-214.45	102.99	-214.45	237.90	154.35	0.26
10347.00	2.05	328.90	10325.89	-214.42	102.97	-214.42	237.86	154.35	0.26
10348.00	2.05	328.83	10326.88	-214.39	102.95	-214.39	237.83	154.35	0.26
10349.00	2.05	328.76	10327.88	-214.36	102.93	-214.36	237.79	154.35	0.26
10350.00	2.05	328.68	10328.88	-214.33	102.91	-214.33	237.76	154.35	0.26
10351.00	2.05	328.46	10329.88	-214.30	102.89	-214.30	237.72	154.35	0.98
10352.00	2.04	328.17	10330.88	-214.27	102.88	-214.27	237.69	154.35	1.30
10353.00	2.03	327.88	10331.88	-214.24	102.86	-214.24	237.65	154.35	1.29
10354.00	2.02	327.58	10332.88	-214.21	102.84	-214.21	237.61	154.36	1.46
10355.00	2.01	327.27	10333.88	-214.18	102.82	-214.18	237.58	154.36	1.75
10356.00	1.99	318.40	10334.88	-214.15	102.80	-214.15	237.55	154.36	30.92
10357.00	1.98	321.99	10335.88	-214.12	102.78	-214.12	237.51	154.36	12.47
10358.00	1.99	314.87	10336.88	-214.10	102.75	-214.10	237.48	154.36	24.72
10359.00	1.98	323.20	10337.88	-214.07	102.73	-214.07	237.45	154.36	28.87
10360.00	2.00	312.27	10338.88	-214.05	102.71	-214.05	237.41	154.37	38.00
10361.00	1.96	325.53	10339.88	-214.02	102.68	-214.02	237.38	154.37	45.98
10362.00	2.01	311.85	10340.88	-214.00	102.66	-214.00	237.35	154.37	47.47
10363.00	1.98	320.00	10341.88	-213.97	102.64	-213.97	237.31	154.37	28.45
10364.00	2.02	311.25	10342.87	-213.95	102.61	-213.95	237.28	154.38	30.76
10365.00	1.99	318.47	10343.87	-213.92	102.59	-213.92	237.25	154.38	25.44
10366.00	2.03	310.37	10344.87	-213.90	102.56	-213.90	237.21	154.38	28.74
10367.00	1.99	317.32	10345.87	-213.87	102.54	-213.87	237.18	154.39	24.67
10368.00	2.02	312.21	10346.87	-213.85	102.51	-213.85	237.15	154.39	18.14
10369.00	2.00	315.81	10347.87	-213.82	102.49	-213.82	237.12	154.39	12.82
10370.00	2.02	312.58	10348.87	-213.80	102.46	-213.80	237.08	154.39	11.54
10371.00	2.01	314.52	10349.87	-213.77	102.44	-213.77	237.05	154.40	6.90
10372.00	2.02	313.75	10350.87	-213.75	102.41	-213.75	237.02	154.40	2.72
10373.00	2.03	312.75	10351.87	-213.73	102.39	-213.73	236.98	154.40	3.72
10374.00	1.99	317.71	10352.87	-213.70	102.36	-213.70	236.95	154.41	17.88
10375.00	2.06	310.21	10353.87	-213.68	102.34	-213.68	236.92	154.41	27.29
10376.00	1.96	320.60	10354.87	-213.65	102.31	-213.65	236.89	154.41	37.55
10377.00	2.08	307.84	10355.87	-213.63	102.29	-213.63	236.85	154.41	46.25

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10378.00	1.98	318.83	10356.87	-213.60	102.26	-213.60	236.82	154.42	40.01
10379.00	2.10	304.77	10357.87	-213.58	102.23	-213.58	236.79	154.42	51.51
10380.00	2.00	316.06	10358.86	-213.56	102.21	-213.56	236.75	154.42	41.70
10381.00	2.13	302.65	10359.86	-213.53	102.18	-213.53	236.72	154.43	49.89
10382.00	2.01	314.32	10360.86	-213.51	102.15	-213.51	236.69	154.43	43.63
10383.00	2.15	300.62	10361.86	-213.49	102.12	-213.49	236.66	154.44	51.42
10384.00	2.05	311.08	10362.86	-213.47	102.09	-213.47	236.63	154.44	39.54
10385.00	2.08	308.12	10363.86	-213.45	102.07	-213.45	236.59	154.44	10.96
10386.00	2.06	309.84	10364.86	-213.42	102.04	-213.42	236.56	154.45	6.44
10387.00	2.06	309.54	10365.86	-213.40	102.01	-213.40	236.53	154.45	1.08
10388.00	2.08	307.42	10366.86	-213.38	101.98	-213.38	236.50	154.46	8.05
10389.00	2.02	313.40	10367.86	-213.35	101.95	-213.35	236.46	154.46	22.34
10390.00	2.10	306.06	10368.86	-213.33	101.93	-213.33	236.43	154.46	27.49
10391.00	2.02	312.62	10369.86	-213.31	101.90	-213.31	236.40	154.47	24.69
10392.00	2.12	304.21	10370.86	-213.29	101.87	-213.29	236.37	154.47	31.83
10393.00	1.99	314.77	10371.86	-213.26	101.84	-213.26	236.33	154.47	39.84
10394.00	1.97	316.79	10372.86	-213.24	101.82	-213.24	236.30	154.48	7.42
10395.00	2.21	296.40	10373.86	-213.22	101.79	-213.22	236.27	154.48	77.57
10396.00	2.21	296.14	10374.85	-213.20	101.76	-213.20	236.24	154.49	1.06
10397.00	2.22	295.80	10375.85	-213.18	101.72	-213.18	236.21	154.49	1.41
10398.00	2.22	295.43	10376.85	-213.17	101.69	-213.17	236.18	154.50	1.56
10399.00	2.23	295.10	10377.85	-213.15	101.65	-213.15	236.15	154.50	1.35
10400.00	2.23	294.80	10378.85	-213.13	101.62	-213.13	236.12	154.51	1.26
10401.00	2.23	294.51	10379.85	-213.12	101.58	-213.12	236.09	154.52	1.12
10402.00	2.23	294.23	10380.85	-213.10	101.54	-213.10	236.06	154.52	1.11
10403.00	2.24	293.94	10381.85	-213.09	101.51	-213.09	236.03	154.53	1.17
10404.00	2.24	293.61	10382.85	-213.07	101.47	-213.07	236.00	154.53	1.29
10405.00	2.24	293.16	10383.85	-213.05	101.44	-213.05	235.97	154.54	1.78
10406.00	2.24	292.99	10384.85	-213.04	101.40	-213.04	235.94	154.55	0.65
10407.00	2.24	292.90	10385.85	-213.02	101.37	-213.02	235.91	154.55	0.37
10408.00	2.24	292.80	10386.85	-213.01	101.33	-213.01	235.88	154.56	0.37
10409.00	2.24	292.71	10387.84	-212.99	101.29	-212.99	235.85	154.57	0.37
10410.00	2.24	292.62	10388.84	-212.98	101.26	-212.98	235.82	154.57	0.37
10411.00	2.24	292.52	10389.84	-212.96	101.22	-212.96	235.80	154.58	0.37
10412.00	2.24	292.43	10390.84	-212.95	101.18	-212.95	235.77	154.58	0.37
10413.00	2.24	292.34	10391.84	-212.93	101.15	-212.93	235.74	154.59	0.37
10414.00	2.24	292.24	10392.84	-212.92	101.11	-212.92	235.71	154.60	0.37
10415.00	2.24	292.15	10393.84	-212.90	101.08	-212.90	235.68	154.60	0.37
10416.00	2.24	292.05	10394.84	-212.89	101.04	-212.89	235.65	154.61	0.37
10417.00	2.24	291.96	10395.84	-212.88	101.00	-212.88	235.62	154.62	0.37

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10418.00	2.24	291.87	10396.84	-212.86	100.97	-212.86	235.59	154.62	0.37
10419.00	2.24	291.77	10397.84	-212.85	100.93	-212.85	235.56	154.63	0.37
10420.00	2.24	291.68	10398.84	-212.83	100.90	-212.83	235.54	154.64	0.37
10421.00	2.24	291.58	10399.84	-212.82	100.86	-212.82	235.51	154.64	0.37
10422.00	2.24	291.49	10400.83	-212.80	100.82	-212.80	235.48	154.65	0.37
10423.00	2.24	291.40	10401.83	-212.79	100.79	-212.79	235.45	154.66	0.37
10424.00	2.24	291.30	10402.83	-212.77	100.75	-212.77	235.42	154.66	0.37
10425.00	2.24	291.21	10403.83	-212.76	100.71	-212.76	235.39	154.67	0.37
10426.00	2.24	291.12	10404.83	-212.75	100.68	-212.75	235.37	154.68	0.37
10427.00	2.24	291.02	10405.83	-212.73	100.64	-212.73	235.34	154.68	0.37
10428.00	2.24	290.93	10406.83	-212.72	100.60	-212.72	235.31	154.69	0.37
10429.00	2.24	290.83	10407.83	-212.70	100.57	-212.70	235.28	154.69	0.37
10430.00	2.24	290.74	10408.83	-212.69	100.53	-212.69	235.25	154.70	0.37
10431.00	2.24	290.65	10409.83	-212.68	100.49	-212.68	235.22	154.71	0.37
10432.00	2.24	290.55	10410.83	-212.66	100.46	-212.66	235.20	154.71	0.37
10433.00	2.24	290.46	10411.83	-212.65	100.42	-212.65	235.17	154.72	0.37
10434.00	2.24	290.36	10412.83	-212.64	100.38	-212.64	235.14	154.73	0.37
10435.00	2.24	290.27	10413.82	-212.62	100.35	-212.62	235.11	154.73	0.37
10436.00	2.24	290.17	10414.82	-212.61	100.31	-212.61	235.08	154.74	0.38
10437.00	2.24	290.03	10415.82	-212.59	100.27	-212.59	235.06	154.75	0.55
10438.00	2.24	289.89	10416.82	-212.58	100.24	-212.58	235.03	154.75	0.55
10439.00	2.24	289.74	10417.82	-212.57	100.20	-212.57	235.00	154.76	0.59
10440.00	2.24	289.51	10418.82	-212.56	100.16	-212.56	234.97	154.77	0.92
10441.00	2.23	289.27	10419.82	-212.54	100.13	-212.54	234.95	154.78	0.92
10442.00	2.23	288.97	10420.82	-212.53	100.09	-212.53	234.92	154.78	1.17
10443.00	2.23	288.68	10421.82	-212.52	100.05	-212.52	234.89	154.79	1.17
10444.00	2.23	288.40	10422.82	-212.50	100.02	-212.50	234.87	154.80	1.19
10445.00	2.22	288.10	10423.82	-212.49	99.98	-212.49	234.84	154.80	1.25
10446.00	2.22	287.74	10424.82	-212.48	99.94	-212.48	234.81	154.81	1.50
10447.00	2.21	287.37	10425.82	-212.47	99.91	-212.47	234.79	154.82	1.54
10448.00	2.20	286.99	10426.81	-212.46	99.87	-212.46	234.76	154.82	1.64
10449.00	2.20	286.58	10427.81	-212.45	99.83	-212.45	234.73	154.83	1.70
10450.00	2.19	286.14	10428.81	-212.44	99.80	-212.44	234.71	154.84	1.81
10451.00	2.18	285.61	10429.81	-212.43	99.76	-212.43	234.68	154.84	2.12
10452.00	2.18	285.04	10430.81	-212.42	99.72	-212.42	234.66	154.85	2.32
10453.00	2.17	284.60	10431.81	-212.41	99.69	-212.41	234.63	154.86	1.80
10454.00	2.16	284.18	10432.81	-212.40	99.65	-212.40	234.61	154.87	1.67
10455.00	2.16	283.76	10433.81	-212.39	99.61	-212.39	234.59	154.87	1.65
10456.00	2.16	283.33	10434.81	-212.38	99.58	-212.38	234.56	154.88	1.67
10457.00	2.15	282.84	10435.81	-212.37	99.54	-212.37	234.54	154.89	1.91

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10458.00	2.15	282.38	10436.81	-212.36	99.50	-212.36	234.52	154.89	1.83
10459.00	2.14	281.96	10437.81	-212.35	99.47	-212.35	234.49	154.90	1.65
10460.00	2.13	281.50	10438.81	-212.35	99.43	-212.35	234.47	154.91	1.80
10461.00	2.13	280.97	10439.81	-212.34	99.39	-212.34	234.45	154.92	2.05
10462.00	2.12	280.49	10440.80	-212.33	99.36	-212.33	234.43	154.92	1.90
10463.00	2.11	280.09	10441.80	-212.33	99.32	-212.33	234.41	154.93	1.71
10464.00	2.11	279.64	10442.80	-212.32	99.28	-212.32	234.39	154.94	1.76
10465.00	2.10	279.13	10443.80	-212.31	99.25	-212.31	234.37	154.95	1.89
10466.00	2.10	278.61	10444.80	-212.31	99.21	-212.31	234.34	154.95	1.96
10467.00	2.10	278.08	10445.80	-212.30	99.18	-212.30	234.32	154.96	2.00
10468.00	2.09	277.59	10446.80	-212.30	99.14	-212.30	234.30	154.97	1.85
10469.00	2.09	277.11	10447.80	-212.29	99.10	-212.29	234.29	154.98	1.80
10470.00	2.08	276.66	10448.80	-212.29	99.07	-212.29	234.27	154.98	1.70
10471.00	2.08	276.22	10449.80	-212.28	99.03	-212.28	234.25	154.99	1.65
10472.00	2.08	275.82	10450.80	-212.28	99.00	-212.28	234.23	155.00	1.46
10473.00	2.07	275.46	10451.80	-212.28	98.96	-212.28	234.21	155.01	1.38
10474.00	2.06	275.15	10452.80	-212.27	98.92	-212.27	234.19	155.01	1.29
10475.00	2.06	274.83	10453.80	-212.27	98.89	-212.27	234.17	155.02	1.34
10476.00	2.05	274.50	10454.80	-212.27	98.85	-212.27	234.16	155.03	1.37
10477.00	2.05	274.19	10455.79	-212.26	98.82	-212.26	234.14	155.04	1.20
10478.00	2.04	273.88	10456.79	-212.26	98.78	-212.26	234.12	155.04	1.11
10479.00	2.04	273.56	10457.79	-212.26	98.74	-212.26	234.10	155.05	1.20
10480.00	2.04	273.23	10458.79	-212.26	98.71	-212.26	234.09	155.06	1.24
10481.00	2.03	272.81	10459.79	-212.26	98.67	-212.26	234.07	155.07	1.59
10482.00	2.03	272.34	10460.79	-212.25	98.64	-212.25	234.05	155.07	1.73
10483.00	2.02	271.76	10461.79	-212.25	98.60	-212.25	234.04	155.08	2.14
10484.00	2.02	271.29	10462.79	-212.25	98.57	-212.25	234.02	155.09	1.71
10485.00	2.02	270.94	10463.79	-212.25	98.53	-212.25	234.01	155.10	1.25
10486.00	2.01	270.57	10464.79	-212.25	98.50	-212.25	233.99	155.11	1.30
10487.00	2.01	270.17	10465.79	-212.25	98.46	-212.25	233.98	155.11	1.42
10488.00	2.01	269.79	10466.79	-212.25	98.43	-212.25	233.96	155.12	1.38
10489.00	2.00	269.44	10467.79	-212.25	98.39	-212.25	233.95	155.13	1.36
10490.00	2.00	269.12	10468.79	-212.25	98.36	-212.25	233.93	155.14	1.13
10491.00	2.00	268.84	10469.79	-212.25	98.32	-212.25	233.92	155.14	1.00
10492.00	2.00	268.55	10470.79	-212.25	98.29	-212.25	233.91	155.15	1.02
10493.00	1.99	268.27	10471.78	-212.25	98.25	-212.25	233.89	155.16	1.03
10494.00	1.99	267.93	10472.78	-212.25	98.22	-212.25	233.88	155.17	1.20
10495.00	1.99	267.58	10473.78	-212.26	98.18	-212.26	233.86	155.18	1.22
10496.00	1.99	267.17	10474.78	-212.26	98.15	-212.26	233.85	155.18	1.45
10497.00	2.00	266.76	10475.78	-212.26	98.11	-212.26	233.84	155.19	1.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10498.00	1.99	266.35	10476.78	-212.26	98.08	-212.26	233.83	155.20	1.44
10499.00	1.99	265.91	10477.78	-212.26	98.04	-212.26	233.81	155.21	1.55
10500.00	1.99	265.44	10478.78	-212.27	98.01	-212.27	233.80	155.22	1.62
10501.00	1.99	265.08	10479.78	-212.27	97.98	-212.27	233.79	155.22	1.28
10502.00	1.99	264.70	10480.78	-212.27	97.94	-212.27	233.78	155.23	1.29
10503.00	1.99	264.29	10481.78	-212.28	97.91	-212.28	233.77	155.24	1.43
10504.00	1.99	263.86	10482.78	-212.28	97.87	-212.28	233.75	155.25	1.52
10505.00	1.99	263.39	10483.78	-212.28	97.84	-212.28	233.74	155.26	1.63
10506.00	1.99	262.94	10484.78	-212.29	97.80	-212.29	233.73	155.26	1.56
10507.00	1.99	262.53	10485.78	-212.29	97.77	-212.29	233.72	155.27	1.42
10508.00	1.99	262.28	10486.78	-212.30	97.73	-212.30	233.71	155.28	1.00
10509.00	2.00	262.00	10487.78	-212.30	97.70	-212.30	233.70	155.29	1.02
10510.00	2.00	261.64	10488.77	-212.31	97.66	-212.31	233.69	155.30	1.26
10511.00	2.00	261.30	10489.77	-212.31	97.63	-212.31	233.68	155.30	1.17
10512.00	2.00	260.98	10490.77	-212.32	97.60	-212.32	233.67	155.31	1.13
10513.00	2.00	260.64	10491.77	-212.32	97.56	-212.32	233.66	155.32	1.19
10514.00	2.00	260.31	10492.77	-212.33	97.53	-212.33	233.66	155.33	1.13
10515.00	1.99	260.03	10493.77	-212.33	97.49	-212.33	233.65	155.34	1.17
10516.00	1.99	259.74	10494.77	-212.34	97.46	-212.34	233.64	155.35	1.01
10517.00	1.99	259.45	10495.77	-212.35	97.42	-212.35	233.63	155.35	1.02
10518.00	1.99	259.16	10496.77	-212.35	97.39	-212.35	233.62	155.36	1.01
10519.00	1.99	258.88	10497.77	-212.36	97.36	-212.36	233.61	155.37	0.95
10520.00	1.99	258.68	10498.77	-212.37	97.32	-212.37	233.60	155.38	0.72
10521.00	1.99	258.51	10499.77	-212.37	97.29	-212.37	233.60	155.39	0.59
10522.00	1.99	258.37	10500.77	-212.38	97.25	-212.38	233.59	155.40	0.47
10523.00	1.99	258.27	10501.77	-212.39	97.22	-212.39	233.58	155.40	0.38
10524.00	1.99	258.16	10502.77	-212.39	97.19	-212.39	233.57	155.41	0.38
10525.00	1.98	257.97	10503.77	-212.40	97.15	-212.40	233.57	155.42	0.93
10526.00	1.98	257.76	10504.77	-212.41	97.12	-212.41	233.56	155.43	0.89
10527.00	1.97	257.54	10505.76	-212.42	97.08	-212.42	233.55	155.44	0.86
10528.00	1.97	257.30	10506.76	-212.42	97.05	-212.42	233.54	155.45	0.86
10529.00	1.97	257.06	10507.76	-212.43	97.02	-212.43	233.54	155.45	0.86
10530.00	1.97	256.84	10508.76	-212.44	96.98	-212.44	233.53	155.46	0.75
10531.00	1.96	256.61	10509.76	-212.45	96.95	-212.45	233.52	155.47	0.88
10532.00	1.96	256.38	10510.76	-212.45	96.92	-212.45	233.52	155.48	1.02
10533.00	1.95	256.23	10511.76	-212.46	96.88	-212.46	233.51	155.49	0.68
10534.00	1.95	256.13	10512.76	-212.47	96.85	-212.47	233.50	155.49	0.46
10535.00	1.95	255.98	10513.76	-212.48	96.82	-212.48	233.50	155.50	0.57
10536.00	1.94	255.75	10514.76	-212.49	96.79	-212.49	233.49	155.51	0.84
10537.00	1.94	255.44	10515.76	-212.50	96.75	-212.50	233.49	155.52	1.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10538.00	1.93	255.12	10516.76	-212.50	96.72	-212.50	233.48	155.53	1.19
10539.00	1.93	254.81	10517.76	-212.51	96.69	-212.51	233.47	155.54	1.13
10540.00	1.93	254.65	10518.76	-212.52	96.65	-212.52	233.47	155.54	0.65
10541.00	1.92	254.48	10519.76	-212.53	96.62	-212.53	233.46	155.55	0.71
10542.00	1.91	254.19	10520.76	-212.54	96.59	-212.54	233.46	155.56	1.27
10543.00	1.91	253.93	10521.76	-212.55	96.56	-212.55	233.45	155.57	0.89
10544.00	1.91	253.69	10522.75	-212.56	96.53	-212.56	233.45	155.58	0.80
10545.00	1.91	253.43	10523.75	-212.57	96.49	-212.57	233.44	155.58	0.95
10546.00	1.90	253.16	10524.75	-212.58	96.46	-212.58	233.44	155.59	1.00
10547.00	1.90	252.97	10525.75	-212.59	96.43	-212.59	233.44	155.60	0.70
10548.00	1.90	252.80	10526.75	-212.60	96.40	-212.60	233.43	155.61	0.68
10549.00	1.89	252.64	10527.75	-212.61	96.37	-212.61	233.43	155.62	0.67
10550.00	1.89	252.49	10528.75	-212.62	96.34	-212.62	233.42	155.62	0.52
10551.00	1.89	252.33	10529.75	-212.63	96.30	-212.63	233.42	155.63	0.59
10552.00	1.89	252.25	10530.75	-212.64	96.27	-212.64	233.42	155.64	0.29
10553.00	1.89	252.21	10531.75	-212.65	96.24	-212.65	233.41	155.65	0.32
10554.00	1.88	252.21	10532.75	-212.66	96.21	-212.66	233.41	155.66	0.52
10555.00	1.88	252.18	10533.75	-212.67	96.18	-212.67	233.40	155.67	0.24
10556.00	1.88	252.12	10534.75	-212.68	96.15	-212.68	233.40	155.67	0.20
10557.00	1.88	252.02	10535.75	-212.69	96.12	-212.69	233.40	155.68	0.44
10558.00	1.88	251.95	10536.75	-212.70	96.09	-212.70	233.39	155.69	0.34
10559.00	1.87	251.91	10537.75	-212.71	96.05	-212.71	233.39	155.70	0.26
10560.00	1.87	251.95	10538.75	-212.72	96.02	-212.72	233.39	155.70	0.18
10561.00	1.87	252.05	10539.75	-212.73	95.99	-212.73	233.38	155.71	0.35
10562.00	1.87	252.14	10540.74	-212.74	95.96	-212.74	233.38	155.72	0.45
10563.00	1.86	252.20	10541.74	-212.75	95.93	-212.75	233.38	155.73	0.50
10564.00	1.86	252.17	10542.74	-212.76	95.90	-212.76	233.37	155.74	0.61
10565.00	1.85	252.16	10543.74	-212.77	95.87	-212.77	233.37	155.74	0.48
10566.00	1.85	252.16	10544.74	-212.78	95.84	-212.78	233.36	155.75	0.39
10567.00	1.78	251.54	10545.74	-212.79	95.81	-212.79	233.36	155.76	7.04
10568.00	1.83	252.10	10546.74	-212.80	95.78	-212.80	233.36	155.77	5.05
10569.00	1.77	251.54	10547.74	-212.81	95.75	-212.81	233.35	155.78	6.07
10570.00	1.81	252.16	10548.74	-212.82	95.72	-212.82	233.35	155.78	3.99
10571.00	1.73	251.22	10549.74	-212.83	95.69	-212.83	233.35	155.79	8.33
10572.00	1.72	251.16	10550.74	-212.84	95.66	-212.84	233.35	155.80	1.10
10573.00	1.71	250.90	10551.74	-212.85	95.63	-212.85	233.34	155.81	1.17
10574.00	1.70	250.71	10552.74	-212.86	95.60	-212.86	233.34	155.81	0.93
10575.00	1.69	250.65	10553.74	-212.86	95.58	-212.86	233.34	155.82	0.59
10576.00	1.69	250.56	10554.74	-212.87	95.55	-212.87	233.33	155.83	0.84
10577.00	1.67	250.45	10555.74	-212.88	95.52	-212.88	233.33	155.83	1.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10578.00	1.67	250.31	10556.74	-212.89	95.49	-212.89	233.33	155.84	0.99
10579.00	1.66	250.17	10557.74	-212.90	95.47	-212.90	233.33	155.85	0.87
10580.00	1.65	250.03	10558.74	-212.91	95.44	-212.91	233.33	155.86	0.59
10581.00	1.65	249.94	10559.74	-212.92	95.41	-212.92	233.32	155.86	0.81
10582.00	1.64	249.89	10560.74	-212.93	95.38	-212.93	233.32	155.87	1.09
10583.00	1.62	249.76	10561.74	-212.94	95.36	-212.94	233.32	155.88	1.34
10584.00	1.61	249.61	10562.73	-212.95	95.33	-212.95	233.32	155.88	1.20
10585.00	1.60	249.49	10563.73	-212.96	95.31	-212.96	233.32	155.89	0.72
10586.00	1.60	249.34	10564.73	-212.97	95.28	-212.97	233.31	155.90	0.63
10587.00	1.60	249.17	10565.73	-212.98	95.25	-212.98	233.31	155.90	0.60
10588.00	1.59	248.97	10566.73	-212.99	95.23	-212.99	233.31	155.91	0.83
10589.00	1.58	248.77	10567.73	-213.00	95.20	-213.00	233.31	155.92	0.95
10590.00	1.57	248.61	10568.73	-213.01	95.18	-213.01	233.31	155.92	1.17
10591.00	1.56	248.44	10569.73	-213.02	95.15	-213.02	233.31	155.93	1.19
10592.00	1.55	248.26	10570.73	-213.03	95.13	-213.03	233.31	155.94	1.21
10593.00	1.54	248.09	10571.73	-213.04	95.10	-213.04	233.30	155.94	0.92
10594.00	1.53	247.92	10572.73	-213.05	95.08	-213.05	233.30	155.95	0.85
10595.00	1.53	247.80	10573.73	-213.06	95.05	-213.06	233.30	155.96	1.01
10596.00	1.51	247.69	10574.73	-213.07	95.03	-213.07	233.30	155.96	1.13
10597.00	1.50	247.61	10575.73	-213.08	95.00	-213.08	233.30	155.97	1.30
10598.00	1.49	247.74	10576.73	-213.09	94.98	-213.09	233.30	155.98	1.23
10599.00	1.48	247.96	10577.73	-213.10	94.95	-213.10	233.30	155.98	1.27
10600.00	1.47	248.07	10578.73	-213.11	94.93	-213.11	233.30	155.99	0.66
10601.00	1.47	248.16	10579.73	-213.12	94.91	-213.12	233.30	156.00	0.59
10602.00	1.46	248.13	10580.73	-213.13	94.88	-213.13	233.30	156.00	0.94
10603.00	1.45	248.13	10581.73	-213.14	94.86	-213.14	233.30	156.01	1.02
10604.00	1.44	248.18	10582.73	-213.15	94.84	-213.15	233.30	156.01	1.16
10605.00	1.42	248.32	10583.73	-213.16	94.81	-213.16	233.29	156.02	1.25
10606.00	1.41	248.46	10584.73	-213.17	94.79	-213.17	233.29	156.03	1.26
10607.00	1.40	248.58	10585.73	-213.18	94.77	-213.18	233.29	156.03	1.26
10608.00	1.39	248.69	10586.73	-213.19	94.74	-213.19	233.29	156.04	0.98
10609.00	1.38	248.81	10587.73	-213.19	94.72	-213.19	233.29	156.04	0.86
10610.00	1.37	248.91	10588.73	-213.20	94.70	-213.20	233.29	156.05	0.96
10611.00	1.36	249.02	10589.73	-213.21	94.68	-213.21	233.29	156.06	1.01
10612.00	1.35	249.27	10590.73	-213.22	94.65	-213.22	233.29	156.06	1.13
10613.00	1.34	249.50	10591.73	-213.23	94.63	-213.23	233.28	156.07	1.03
10614.00	1.34	249.67	10592.72	-213.24	94.61	-213.24	233.28	156.07	0.79
10615.00	1.33	249.85	10593.72	-213.25	94.59	-213.25	233.28	156.08	0.76
10616.00	1.33	250.03	10594.72	-213.25	94.57	-213.25	233.28	156.09	0.70
10617.00	1.32	250.23	10595.72	-213.26	94.54	-213.26	233.28	156.09	0.78

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10618.00	1.31	250.40	10596.72	-213.27	94.52	-213.27	233.28	156.10	0.78
10619.00	1.31	250.52	10597.72	-213.28	94.50	-213.28	233.28	156.10	0.76
10620.00	1.30	250.63	10598.72	-213.28	94.48	-213.28	233.27	156.11	0.75
10621.00	1.29	250.72	10599.72	-213.29	94.46	-213.29	233.27	156.11	0.74
10622.00	1.28	250.64	10600.72	-213.30	94.44	-213.30	233.27	156.12	0.66
10623.00	1.28	250.48	10601.72	-213.31	94.42	-213.31	233.27	156.12	0.68
10624.00	1.27	250.19	10602.72	-213.31	94.40	-213.31	233.27	156.13	0.77
10625.00	1.27	250.06	10603.72	-213.32	94.37	-213.32	233.27	156.14	0.45
10626.00	1.27	250.04	10604.72	-213.33	94.35	-213.33	233.26	156.14	0.32
10627.00	1.27	250.08	10605.72	-213.34	94.33	-213.34	233.26	156.15	0.19
10628.00	1.27	250.14	10606.72	-213.34	94.31	-213.34	233.26	156.15	0.17
10629.00	1.26	250.10	10607.72	-213.35	94.29	-213.35	233.26	156.16	0.30
10630.00	1.26	250.07	10608.72	-213.36	94.27	-213.36	233.26	156.16	0.31
10631.00	1.26	250.07	10609.72	-213.37	94.25	-213.37	233.26	156.17	0.29
10632.00	1.26	250.11	10610.72	-213.37	94.23	-213.37	233.25	156.17	0.12
10633.00	1.26	250.15	10611.72	-213.38	94.21	-213.38	233.25	156.18	0.11
10634.00	1.26	250.21	10612.72	-213.39	94.19	-213.39	233.25	156.18	0.12
10635.00	1.26	250.26	10613.72	-213.40	94.17	-213.40	233.25	156.19	0.13
10636.00	1.26	250.32	10614.72	-213.40	94.15	-213.40	233.25	156.19	0.14
10637.00	1.26	250.43	10615.72	-213.41	94.13	-213.41	233.25	156.20	0.25
10638.00	1.26	250.58	10616.72	-213.42	94.11	-213.42	233.25	156.21	0.36
10639.00	1.26	250.57	10617.72	-213.43	94.09	-213.43	233.24	156.21	0.04
10640.00	1.26	250.59	10618.72	-213.43	94.06	-213.43	233.24	156.22	0.06
10641.00	1.26	250.96	10619.72	-213.44	94.04	-213.44	233.24	156.22	0.84
10642.00	1.26	251.33	10620.72	-213.45	94.02	-213.45	233.24	156.23	0.80
10643.00	1.26	251.67	10621.72	-213.45	94.00	-213.45	233.24	156.23	0.83
10644.00	1.26	251.86	10622.72	-213.46	93.98	-213.46	233.23	156.24	0.44
10645.00	1.26	251.99	10623.72	-213.47	93.96	-213.47	233.23	156.24	0.28
10646.00	1.26	252.13	10624.72	-213.47	93.94	-213.47	233.23	156.25	0.38
10647.00	1.26	252.33	10625.72	-213.48	93.92	-213.48	233.23	156.25	0.48
10648.00	1.26	252.74	10626.72	-213.49	93.90	-213.49	233.22	156.26	0.91
10649.00	1.26	253.16	10627.72	-213.49	93.88	-213.49	233.22	156.26	0.92
10650.00	1.26	253.59	10628.72	-213.50	93.86	-213.50	233.22	156.27	0.95
10651.00	1.26	253.80	10629.72	-213.51	93.83	-213.51	233.22	156.27	0.46
10652.00	1.26	253.96	10630.72	-213.51	93.81	-213.51	233.21	156.28	0.36
10653.00	1.26	254.09	10631.72	-213.52	93.79	-213.52	233.21	156.29	0.34
10654.00	1.25	254.32	10632.71	-213.52	93.77	-213.52	233.21	156.29	0.57
10655.00	1.25	254.67	10633.71	-213.53	93.75	-213.53	233.20	156.30	0.92
10656.00	1.25	255.07	10634.71	-213.54	93.73	-213.54	233.20	156.30	0.89
10657.00	1.24	255.42	10635.71	-213.54	93.71	-213.54	233.20	156.31	0.78

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10658.00	1.24	255.54	10636.71	-213.55	93.69	-213.55	233.19	156.31	0.28
10659.00	1.24	255.69	10637.71	-213.55	93.67	-213.55	233.19	156.32	0.35
10660.00	1.24	255.88	10638.71	-213.56	93.65	-213.56	233.19	156.32	0.42
10661.00	1.24	256.14	10639.71	-213.56	93.62	-213.56	233.18	156.33	0.76
10662.00	1.23	256.46	10640.71	-213.57	93.60	-213.57	233.18	156.33	0.95
10663.00	1.23	256.70	10641.71	-213.57	93.58	-213.57	233.18	156.34	0.51
10664.00	1.23	256.81	10642.71	-213.58	93.56	-213.58	233.17	156.34	0.25
10665.00	1.23	256.80	10643.71	-213.58	93.54	-213.58	233.17	156.35	0.15
10666.00	1.23	256.78	10644.71	-213.59	93.52	-213.59	233.16	156.35	0.11
10667.00	1.23	256.76	10645.71	-213.59	93.50	-213.59	233.16	156.36	0.10
10668.00	1.23	256.98	10646.71	-213.60	93.48	-213.60	233.16	156.36	0.62
10669.00	1.23	257.13	10647.71	-213.60	93.46	-213.60	233.15	156.37	0.52
10670.00	1.22	257.21	10648.71	-213.61	93.44	-213.61	233.15	156.37	0.45
10671.00	1.22	257.24	10649.71	-213.61	93.42	-213.61	233.14	156.38	0.24
10672.00	1.22	257.26	10650.71	-213.62	93.39	-213.62	233.14	156.38	0.22
10673.00	1.22	257.39	10651.71	-213.62	93.37	-213.62	233.14	156.39	0.36
10674.00	1.22	257.52	10652.71	-213.63	93.35	-213.63	233.13	156.39	0.28
10675.00	1.22	257.62	10653.71	-213.63	93.33	-213.63	233.13	156.40	0.35
10676.00	1.22	257.69	10654.71	-213.64	93.31	-213.64	233.12	156.41	0.18
10677.00	1.22	257.75	10655.71	-213.64	93.29	-213.64	233.12	156.41	0.24
10678.00	1.22	257.59	10656.71	-213.64	93.27	-213.64	233.12	156.42	0.51
10679.00	1.23	257.50	10657.71	-213.65	93.25	-213.65	233.11	156.42	0.49
10680.00	1.23	257.54	10658.71	-213.65	93.23	-213.65	233.11	156.43	0.51
10681.00	1.23	257.50	10659.71	-213.66	93.21	-213.66	233.10	156.43	0.07
10682.00	1.23	257.50	10660.71	-213.66	93.19	-213.66	233.10	156.44	0.04
10683.00	1.24	257.58	10661.71	-213.67	93.17	-213.67	233.10	156.44	0.24
10684.00	1.24	257.69	10662.71	-213.67	93.14	-213.67	233.09	156.45	0.34
10685.00	1.24	257.83	10663.71	-213.68	93.12	-213.68	233.09	156.45	0.40
10686.00	1.25	257.93	10664.71	-213.68	93.10	-213.68	233.08	156.46	0.56
10687.00	1.25	258.01	10665.71	-213.69	93.08	-213.69	233.08	156.46	0.64
10688.00	1.26	257.99	10666.71	-213.69	93.06	-213.69	233.07	156.47	0.65
10689.00	1.26	258.06	10667.71	-213.69	93.04	-213.69	233.07	156.47	0.67
10690.00	1.27	258.21	10668.71	-213.70	93.02	-213.70	233.07	156.48	0.74
10691.00	1.28	258.36	10669.71	-213.70	92.99	-213.70	233.06	156.48	0.66
10692.00	1.28	258.51	10670.71	-213.71	92.97	-213.71	233.06	156.49	0.60
10693.00	1.29	258.71	10671.71	-213.71	92.95	-213.71	233.05	156.49	1.03
10694.00	1.30	258.86	10672.71	-213.72	92.93	-213.72	233.05	156.50	0.78
10695.00	1.30	258.95	10673.71	-213.72	92.91	-213.72	233.04	156.51	0.53
10696.00	1.31	259.05	10674.71	-213.73	92.88	-213.73	233.04	156.51	0.58
10697.00	1.31	259.16	10675.70	-213.73	92.86	-213.73	233.03	156.52	0.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10698.00	1.32	259.12	10676.70	-213.73	92.84	-213.73	233.03	156.52	0.78
10699.00	1.33	259.11	10677.70	-213.74	92.82	-213.74	233.02	156.53	0.77
10700.00	1.34	259.16	10678.70	-213.74	92.79	-213.74	233.02	156.53	0.75
10701.00	1.34	259.28	10679.70	-213.75	92.77	-213.75	233.01	156.54	0.62
10702.00	1.35	259.46	10680.70	-213.75	92.75	-213.75	233.01	156.54	0.59
10703.00	1.35	259.64	10681.70	-213.76	92.72	-213.76	233.00	156.55	0.89
10704.00	1.36	259.80	10682.70	-213.76	92.70	-213.76	233.00	156.56	0.85
10705.00	1.37	259.93	10683.70	-213.76	92.68	-213.76	232.99	156.56	0.55
10706.00	1.37	259.99	10684.70	-213.77	92.65	-213.77	232.98	156.57	0.42
10707.00	1.37	260.04	10685.70	-213.77	92.63	-213.77	232.98	156.57	0.39
10708.00	1.38	260.20	10686.70	-213.78	92.61	-213.78	232.97	156.58	0.68
10709.00	1.38	260.32	10687.70	-213.78	92.58	-213.78	232.97	156.58	0.52
10710.00	1.39	260.40	10688.70	-213.79	92.56	-213.79	232.96	156.59	0.43
10711.00	1.39	260.43	10689.70	-213.79	92.53	-213.79	232.96	156.60	0.46
10712.00	1.40	260.44	10690.70	-213.79	92.51	-213.79	232.95	156.60	0.46
10713.00	1.40	260.42	10691.70	-213.80	92.49	-213.80	232.94	156.61	0.30
10714.00	1.40	260.40	10692.70	-213.80	92.46	-213.80	232.94	156.61	0.29
10715.00	1.41	260.34	10693.70	-213.81	92.44	-213.81	232.93	156.62	0.26
10716.00	1.41	260.33	10694.70	-213.81	92.41	-213.81	232.93	156.62	0.58
10717.00	1.42	260.36	10695.70	-213.81	92.39	-213.81	232.92	156.63	0.83
10718.00	1.42	260.38	10696.70	-213.82	92.37	-213.82	232.92	156.64	0.15
10719.00	1.42	260.42	10697.70	-213.82	92.34	-213.82	232.91	156.64	0.17
10720.00	1.43	260.55	10698.70	-213.83	92.32	-213.83	232.90	156.65	0.40
10721.00	1.43	260.59	10699.70	-213.83	92.29	-213.83	232.90	156.65	0.25
10722.00	1.43	260.56	10700.70	-213.83	92.27	-213.83	232.89	156.66	0.28
10723.00	1.44	260.61	10701.70	-213.84	92.24	-213.84	232.89	156.67	0.77
10724.00	1.44	260.62	10702.70	-213.84	92.22	-213.84	232.88	156.67	0.71
10725.00	1.45	260.52	10703.70	-213.85	92.19	-213.85	232.87	156.68	0.64
10726.00	1.45	260.37	10704.70	-213.85	92.17	-213.85	232.87	156.68	0.58
10727.00	1.46	260.18	10705.70	-213.86	92.14	-213.86	232.86	156.69	0.54
10728.00	1.46	260.16	10706.70	-213.86	92.12	-213.86	232.86	156.70	0.36
10729.00	1.47	260.21	10707.70	-213.86	92.09	-213.86	232.85	156.70	0.49
10730.00	1.47	260.43	10708.69	-213.87	92.07	-213.87	232.84	156.71	0.92
10731.00	1.48	260.50	10709.69	-213.87	92.04	-213.87	232.84	156.72	0.83
10732.00	1.49	260.46	10710.69	-213.88	92.02	-213.88	232.83	156.72	0.84
10733.00	1.50	260.28	10711.69	-213.88	91.99	-213.88	232.82	156.73	0.81
10734.00	1.50	260.11	10712.69	-213.89	91.96	-213.89	232.82	156.73	0.60
10735.00	1.50	259.97	10713.69	-213.89	91.94	-213.89	232.81	156.74	0.40
10736.00	1.50	259.97	10714.69	-213.89	91.91	-213.89	232.81	156.75	0.33
10737.00	1.51	260.11	10715.69	-213.90	91.89	-213.90	232.80	156.75	0.89

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10738.00	1.52	260.12	10716.69	-213.90	91.86	-213.90	232.79	156.76	1.29
10739.00	1.53	260.07	10717.69	-213.91	91.83	-213.91	232.79	156.77	0.91
10740.00	1.54	259.93	10718.69	-213.91	91.81	-213.91	232.78	156.77	0.61
10741.00	1.54	259.83	10719.69	-213.92	91.78	-213.92	232.78	156.78	0.46
10742.00	1.54	259.74	10720.69	-213.92	91.76	-213.92	232.77	156.78	0.30
10743.00	1.55	259.84	10721.69	-213.93	91.73	-213.93	232.76	156.79	0.57
10744.00	1.55	259.95	10722.69	-213.93	91.70	-213.93	232.76	156.80	0.73
10745.00	1.56	260.08	10723.69	-213.94	91.68	-213.94	232.75	156.80	0.99
10746.00	1.57	260.06	10724.69	-213.94	91.65	-213.94	232.75	156.81	0.68
10747.00	1.58	259.95	10725.69	-213.95	91.62	-213.95	232.74	156.82	0.60
10748.00	1.58	259.97	10726.69	-213.95	91.59	-213.95	232.73	156.82	0.19
10749.00	1.58	260.06	10727.69	-213.96	91.57	-213.96	232.73	156.83	0.25
10750.00	1.58	260.24	10728.69	-213.96	91.54	-213.96	232.72	156.84	0.50
10751.00	1.58	260.34	10729.69	-213.97	91.51	-213.97	232.71	156.84	0.46
10752.00	1.59	260.41	10730.69	-213.97	91.49	-213.97	232.71	156.85	0.51
10753.00	1.59	260.42	10731.69	-213.97	91.46	-213.97	232.70	156.86	0.58
10754.00	1.60	260.40	10732.69	-213.98	91.43	-213.98	232.69	156.86	0.63
10755.00	1.60	260.54	10733.69	-213.98	91.40	-213.98	232.69	156.87	0.60
10756.00	1.60	260.74	10734.69	-213.99	91.38	-213.99	232.68	156.88	0.54
10757.00	1.60	260.93	10735.69	-213.99	91.35	-213.99	232.67	156.88	0.68
10758.00	1.60	261.07	10736.68	-214.00	91.32	-214.00	232.67	156.89	0.45
10759.00	1.61	261.19	10737.68	-214.00	91.29	-214.00	232.66	156.90	0.48
10760.00	1.61	261.20	10738.68	-214.01	91.27	-214.01	232.65	156.90	0.40
10761.00	1.61	261.19	10739.68	-214.01	91.24	-214.01	232.65	156.91	0.41
10762.00	1.61	261.32	10740.68	-214.01	91.21	-214.01	232.64	156.92	0.47
10763.00	1.61	261.35	10741.68	-214.02	91.18	-214.02	232.63	156.92	0.10
10764.00	1.61	261.38	10742.68	-214.02	91.15	-214.02	232.63	156.93	0.10
10765.00	1.61	261.47	10743.68	-214.03	91.13	-214.03	232.62	156.94	0.46
10766.00	1.62	261.51	10744.68	-214.03	91.10	-214.03	232.61	156.94	0.44
10767.00	1.62	261.48	10745.68	-214.04	91.07	-214.04	232.60	156.95	0.50
10768.00	1.62	261.30	10746.68	-214.04	91.04	-214.04	232.60	156.96	0.51
10769.00	1.62	261.10	10747.68	-214.04	91.01	-214.04	232.59	156.96	0.56
10770.00	1.62	261.03	10748.68	-214.05	90.99	-214.05	232.58	156.97	0.22
10771.00	1.62	261.01	10749.68	-214.05	90.96	-214.05	232.58	156.98	0.06
10772.00	1.62	261.13	10750.68	-214.06	90.93	-214.06	232.57	156.98	0.32
10773.00	1.62	261.16	10751.68	-214.06	90.90	-214.06	232.56	156.99	0.13
10774.00	1.62	261.12	10752.68	-214.07	90.87	-214.07	232.56	157.00	0.24
10775.00	1.63	260.95	10753.68	-214.07	90.85	-214.07	232.55	157.00	0.66
10776.00	1.63	260.78	10754.68	-214.07	90.82	-214.07	232.54	157.01	0.59
10777.00	1.63	260.67	10755.68	-214.08	90.79	-214.08	232.54	157.02	0.35

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10778.00	1.63	260.56	10756.68	-214.08	90.76	-214.08	232.53	157.03	0.30
10779.00	1.63	260.49	10757.68	-214.09	90.73	-214.09	232.52	157.03	0.21
10780.00	1.64	260.40	10758.68	-214.09	90.71	-214.09	232.52	157.04	0.41
10781.00	1.64	260.29	10759.68	-214.10	90.68	-214.10	232.51	157.05	0.63
10782.00	1.64	260.10	10760.68	-214.10	90.65	-214.10	232.50	157.05	0.57
10783.00	1.65	259.90	10761.67	-214.11	90.62	-214.11	232.50	157.06	0.60
10784.00	1.65	259.67	10762.67	-214.11	90.59	-214.11	232.49	157.07	0.68
10785.00	1.65	259.69	10763.67	-214.12	90.56	-214.12	232.48	157.07	0.11
10786.00	1.65	259.70	10764.67	-214.12	90.54	-214.12	232.48	157.08	0.31
10787.00	1.66	259.67	10765.67	-214.13	90.51	-214.13	232.47	157.09	0.60
10788.00	1.66	259.56	10766.67	-214.13	90.48	-214.13	232.46	157.09	0.57
10789.00	1.66	259.36	10767.67	-214.14	90.45	-214.14	232.46	157.10	0.67
10790.00	1.67	259.30	10768.67	-214.14	90.42	-214.14	232.45	157.11	0.28
10791.00	1.67	259.28	10769.67	-214.15	90.39	-214.15	232.45	157.12	0.21
10792.00	1.67	259.35	10770.67	-214.16	90.37	-214.16	232.44	157.12	0.20
10793.00	1.67	259.42	10771.67	-214.16	90.34	-214.16	232.43	157.13	0.24
10794.00	1.67	259.49	10772.67	-214.17	90.31	-214.17	232.43	157.14	0.27
10795.00	1.67	259.38	10773.67	-214.17	90.28	-214.17	232.42	157.14	0.42
10796.00	1.68	259.23	10774.67	-214.18	90.25	-214.18	232.42	157.15	0.53
10797.00	1.68	259.29	10775.67	-214.18	90.22	-214.18	232.41	157.16	0.49
10798.00	1.68	259.34	10776.67	-214.19	90.19	-214.19	232.40	157.16	0.16
10799.00	1.68	259.38	10777.67	-214.19	90.16	-214.19	232.40	157.17	0.22
10800.00	1.68	259.28	10778.67	-214.20	90.14	-214.20	232.39	157.18	0.29
10801.00	1.68	259.12	10779.67	-214.20	90.11	-214.20	232.38	157.19	0.47
10802.00	1.68	259.03	10780.67	-214.21	90.08	-214.21	232.38	157.19	0.34
10803.00	1.68	258.94	10781.67	-214.22	90.05	-214.22	232.37	157.20	0.34
10804.00	1.68	258.89	10782.67	-214.22	90.02	-214.22	232.37	157.21	0.26
10805.00	1.68	258.85	10783.67	-214.23	89.99	-214.23	232.36	157.21	0.30
10806.00	1.68	258.81	10784.66	-214.23	89.96	-214.23	232.35	157.22	0.31
10807.00	1.68	258.56	10785.66	-214.24	89.93	-214.24	232.35	157.23	0.72
10808.00	1.67	258.36	10786.66	-214.24	89.91	-214.24	232.34	157.24	0.59
10809.00	1.67	258.26	10787.66	-214.25	89.88	-214.25	232.34	157.24	0.35
10810.00	1.67	258.17	10788.66	-214.26	89.85	-214.26	232.33	157.25	0.30
10811.00	1.67	258.07	10789.66	-214.26	89.82	-214.26	232.33	157.26	0.31
10812.00	1.67	258.04	10790.66	-214.27	89.79	-214.27	232.32	157.26	0.39
10813.00	1.67	258.00	10791.66	-214.27	89.76	-214.27	232.32	157.27	0.39
10814.00	1.66	257.97	10792.66	-214.28	89.73	-214.28	232.31	157.28	0.41
10815.00	1.66	257.98	10793.66	-214.29	89.71	-214.29	232.30	157.28	0.43
10816.00	1.65	257.98	10794.66	-214.29	89.68	-214.29	232.30	157.29	0.41
10817.00	1.65	257.85	10795.66	-214.30	89.65	-214.30	232.29	157.30	0.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10818.00	1.65	257.72	10796.66	-214.30	89.62	-214.30	232.29	157.31	0.39
10819.00	1.65	257.59	10797.66	-214.31	89.59	-214.31	232.28	157.31	0.37
10820.00	1.65	257.53	10798.66	-214.32	89.56	-214.32	232.28	157.32	0.32
10821.00	1.65	257.49	10799.66	-214.32	89.54	-214.32	232.27	157.33	0.38
10822.00	1.64	257.44	10800.66	-214.33	89.51	-214.33	232.27	157.33	0.31
10823.00	1.64	257.38	10801.66	-214.34	89.48	-214.34	232.26	157.34	0.28
10824.00	1.64	257.30	10802.66	-214.34	89.45	-214.34	232.26	157.35	0.25
10825.00	1.64	257.26	10803.66	-214.35	89.42	-214.35	232.25	157.35	0.23
10826.00	1.64	257.23	10804.66	-214.35	89.40	-214.35	232.25	157.36	0.23
10827.00	1.64	257.11	10805.66	-214.36	89.37	-214.36	232.24	157.37	0.35
10828.00	1.64	257.01	10806.66	-214.37	89.34	-214.37	232.24	157.38	0.27
10829.00	1.64	256.95	10807.66	-214.37	89.31	-214.37	232.23	157.38	0.23
10830.00	1.64	256.99	10808.65	-214.38	89.29	-214.38	232.23	157.39	0.17
10831.00	1.64	257.15	10809.65	-214.39	89.26	-214.39	232.22	157.40	0.57
10832.00	1.64	257.25	10810.65	-214.39	89.23	-214.39	232.22	157.40	0.27
10833.00	1.64	257.25	10811.65	-214.40	89.20	-214.40	232.21	157.41	0.01
10834.00	1.64	257.12	10812.65	-214.40	89.17	-214.40	232.21	157.42	0.37
10835.00	1.64	256.99	10813.65	-214.41	89.15	-214.41	232.21	157.42	0.38
10836.00	1.64	256.86	10814.65	-214.42	89.12	-214.42	232.20	157.43	0.38
10837.00	1.64	256.74	10815.65	-214.42	89.09	-214.42	232.20	157.44	0.40
10838.00	1.65	256.62	10816.65	-214.43	89.06	-214.43	232.19	157.44	0.44
10839.00	1.65	256.47	10817.65	-214.44	89.03	-214.44	232.19	157.45	0.50
10840.00	1.65	256.43	10818.65	-214.44	89.01	-214.44	232.18	157.46	0.31
10841.00	1.65	256.43	10819.65	-214.45	88.98	-214.45	232.18	157.47	0.30
10842.00	1.66	256.43	10820.65	-214.46	88.95	-214.46	232.17	157.47	0.17
10843.00	1.66	256.43	10821.65	-214.46	88.92	-214.46	232.17	157.48	0.15
10844.00	1.66	256.45	10822.65	-214.47	88.89	-214.47	232.16	157.49	0.23
10845.00	1.66	256.40	10823.65	-214.48	88.87	-214.48	232.16	157.49	0.33
10846.00	1.67	256.33	10824.65	-214.49	88.84	-214.49	232.16	157.50	0.39
10847.00	1.67	256.29	10825.65	-214.49	88.81	-214.49	232.15	157.51	0.21
10848.00	1.67	256.26	10826.65	-214.50	88.78	-214.50	232.15	157.52	0.16
10849.00	1.67	256.31	10827.65	-214.51	88.75	-214.51	232.14	157.52	0.14
10850.00	1.67	256.31	10828.65	-214.51	88.72	-214.51	232.14	157.53	0.14
10851.00	1.67	256.27	10829.65	-214.52	88.70	-214.52	232.13	157.54	0.29
10852.00	1.68	256.15	10830.65	-214.53	88.67	-214.53	232.13	157.54	0.41
10853.00	1.68	256.02	10831.65	-214.53	88.64	-214.53	232.12	157.55	0.49
10854.00	1.68	255.87	10832.64	-214.54	88.61	-214.54	232.12	157.56	0.61
10855.00	1.69	255.74	10833.64	-214.55	88.58	-214.55	232.12	157.57	0.45
10856.00	1.69	255.65	10834.64	-214.56	88.55	-214.56	232.11	157.57	0.26
10857.00	1.69	255.66	10835.64	-214.56	88.53	-214.56	232.11	157.58	0.06

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10858.00	1.69	255.66	10836.64	-214.57	88.50	-214.57	232.10	157.59	0.11
10859.00	1.69	255.64	10837.64	-214.58	88.47	-214.58	232.10	157.59	0.30
10860.00	1.69	255.61	10838.64	-214.58	88.44	-214.58	232.10	157.60	0.33
10861.00	1.70	255.58	10839.64	-214.59	88.41	-214.59	232.09	157.61	0.41
10862.00	1.70	255.49	10840.64	-214.60	88.38	-214.60	232.09	157.62	0.41
10863.00	1.70	255.40	10841.64	-214.61	88.35	-214.61	232.08	157.62	0.36
10864.00	1.70	255.31	10842.64	-214.61	88.32	-214.61	232.08	157.63	0.24
10865.00	1.70	255.25	10843.64	-214.62	88.30	-214.62	232.07	157.64	0.25
10866.00	1.71	255.20	10844.64	-214.63	88.27	-214.63	232.07	157.64	0.45
10867.00	1.72	255.12	10845.64	-214.64	88.24	-214.64	232.07	157.65	0.70
10868.00	1.72	255.01	10846.64	-214.64	88.21	-214.64	232.06	157.66	0.59
10869.00	1.72	254.90	10847.64	-214.65	88.18	-214.65	232.06	157.67	0.33
10870.00	1.72	254.77	10848.64	-214.66	88.15	-214.66	232.06	157.67	0.41
10871.00	1.72	254.62	10849.64	-214.67	88.12	-214.67	232.05	157.68	0.53
10872.00	1.72	254.51	10850.64	-214.68	88.09	-214.68	232.05	157.69	0.65
10873.00	1.73	254.41	10851.64	-214.68	88.06	-214.68	232.04	157.70	0.60
10874.00	1.73	254.29	10852.64	-214.69	88.04	-214.69	232.04	157.70	0.40
10875.00	1.73	254.22	10853.64	-214.70	88.01	-214.70	232.04	157.71	0.21
10876.00	1.73	254.18	10854.64	-214.71	87.98	-214.71	232.03	157.72	0.15
10877.00	1.73	254.21	10855.63	-214.72	87.95	-214.72	232.03	157.73	0.12
10878.00	1.73	254.26	10856.63	-214.73	87.92	-214.73	232.03	157.73	0.20
10879.00	1.73	254.36	10857.63	-214.73	87.89	-214.73	232.02	157.74	0.30
10880.00	1.73	254.29	10858.63	-214.74	87.86	-214.74	232.02	157.75	0.22
10881.00	1.73	254.16	10859.63	-214.75	87.83	-214.75	232.02	157.76	0.40
10882.00	1.73	254.19	10860.63	-214.76	87.80	-214.76	232.01	157.76	0.08
10883.00	1.73	254.28	10861.63	-214.77	87.77	-214.77	232.01	157.77	0.29
10884.00	1.73	254.63	10862.63	-214.77	87.74	-214.77	232.01	157.78	1.18
10885.00	1.73	254.73	10863.63	-214.78	87.72	-214.78	232.00	157.79	0.38
10886.00	1.72	254.80	10864.63	-214.79	87.69	-214.79	232.00	157.79	0.30
10887.00	1.73	254.67	10865.63	-214.80	87.66	-214.80	232.00	157.80	0.50
10888.00	1.73	254.54	10866.63	-214.81	87.63	-214.81	231.99	157.81	0.46
10889.00	1.73	254.56	10867.63	-214.81	87.60	-214.81	231.99	157.81	0.27
10890.00	1.72	254.70	10868.63	-214.82	87.57	-214.82	231.99	157.82	0.89
10891.00	1.72	254.84	10869.63	-214.83	87.54	-214.83	231.98	157.83	0.84
10892.00	1.71	254.95	10870.63	-214.84	87.51	-214.84	231.98	157.84	0.42
10893.00	1.71	254.97	10871.63	-214.85	87.48	-214.85	231.97	157.84	0.09
10894.00	1.72	254.93	10872.63	-214.85	87.45	-214.85	231.97	157.85	0.26
10895.00	1.71	254.93	10873.63	-214.86	87.43	-214.86	231.97	157.86	0.19
10896.00	1.71	254.97	10874.63	-214.87	87.40	-214.87	231.96	157.87	0.21
10897.00	1.71	255.13	10875.63	-214.88	87.37	-214.88	231.96	157.87	0.48

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10898.00	1.71	255.21	10876.63	-214.88	87.34	-214.88	231.96	157.88	0.33
10899.00	1.71	255.21	10877.62	-214.89	87.31	-214.89	231.95	157.89	0.28
10900.00	1.70	255.12	10878.62	-214.90	87.28	-214.90	231.95	157.90	0.36
10901.00	1.70	255.09	10879.62	-214.91	87.25	-214.91	231.94	157.90	0.22
10902.00	1.70	255.16	10880.62	-214.91	87.22	-214.91	231.94	157.91	0.28
10903.00	1.70	255.05	10881.62	-214.92	87.20	-214.92	231.94	157.92	0.35
10904.00	1.70	254.88	10882.62	-214.93	87.17	-214.93	231.93	157.92	0.50
10905.00	1.70	254.79	10883.62	-214.94	87.14	-214.94	231.93	157.93	0.32
10906.00	1.70	254.69	10884.62	-214.95	87.11	-214.95	231.93	157.94	0.28
10907.00	1.70	254.60	10885.62	-214.95	87.08	-214.95	231.92	157.95	0.28
10908.00	1.70	254.57	10886.62	-214.96	87.05	-214.96	231.92	157.95	0.23
10909.00	1.70	254.51	10887.62	-214.97	87.02	-214.97	231.92	157.96	0.26
10910.00	1.70	254.31	10888.62	-214.98	87.00	-214.98	231.91	157.97	0.59
10911.00	1.70	254.14	10889.62	-214.99	86.97	-214.99	231.91	157.98	0.50
10912.00	1.70	254.01	10890.62	-214.99	86.94	-214.99	231.91	157.98	0.45
10913.00	1.70	253.80	10891.62	-215.00	86.91	-215.00	231.90	157.99	0.62
10914.00	1.70	253.67	10892.62	-215.01	86.88	-215.01	231.90	158.00	0.39
10915.00	1.69	253.70	10893.62	-215.02	86.85	-215.02	231.90	158.00	0.48
10916.00	1.69	253.72	10894.62	-215.03	86.82	-215.03	231.89	158.01	0.12
10917.00	1.69	253.73	10895.62	-215.03	86.80	-215.03	231.89	158.02	0.04
10918.00	1.69	253.56	10896.62	-215.04	86.77	-215.04	231.89	158.03	0.51
10919.00	1.69	253.46	10897.62	-215.05	86.74	-215.05	231.89	158.03	0.30
10920.00	1.69	253.43	10898.62	-215.06	86.71	-215.06	231.88	158.04	0.11
10921.00	1.69	253.38	10899.62	-215.07	86.68	-215.07	231.88	158.05	0.44
10922.00	1.68	253.32	10900.61	-215.08	86.66	-215.08	231.88	158.06	0.49
10923.00	1.68	253.46	10901.61	-215.09	86.63	-215.09	231.87	158.06	0.58
10924.00	1.68	253.50	10902.61	-215.09	86.60	-215.09	231.87	158.07	0.28
10925.00	1.68	253.42	10903.61	-215.10	86.57	-215.10	231.87	158.08	0.24
10926.00	1.67	253.21	10904.61	-215.11	86.54	-215.11	231.87	158.08	0.74
10927.00	1.67	253.00	10905.61	-215.12	86.52	-215.12	231.86	158.09	0.72
10928.00	1.66	252.89	10906.61	-215.13	86.49	-215.13	231.86	158.10	0.64
10929.00	1.66	253.00	10907.61	-215.14	86.46	-215.14	231.86	158.11	0.44
10930.00	1.66	253.11	10908.61	-215.14	86.43	-215.14	231.86	158.11	0.44
10931.00	1.65	253.17	10909.61	-215.15	86.40	-215.15	231.85	158.12	0.44
10932.00	1.65	253.10	10910.61	-215.16	86.38	-215.16	231.85	158.13	0.46
10933.00	1.64	252.92	10911.61	-215.17	86.35	-215.17	231.85	158.13	0.68
10934.00	1.64	252.92	10912.61	-215.18	86.32	-215.18	231.85	158.14	0.34
10935.00	1.64	252.93	10913.61	-215.19	86.29	-215.19	231.84	158.15	0.34
10936.00	1.64	253.00	10914.61	-215.19	86.27	-215.19	231.84	158.16	0.33
10937.00	1.63	253.08	10915.61	-215.20	86.24	-215.20	231.84	158.16	0.44

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10938.00	1.63	253.16	10916.61	-215.21	86.21	-215.21	231.84	158.17	0.51
10939.00	1.62	253.16	10917.61	-215.22	86.19	-215.22	231.83	158.18	0.39
10940.00	1.62	253.18	10918.61	-215.23	86.16	-215.23	231.83	158.18	0.37
10941.00	1.62	253.22	10919.61	-215.24	86.13	-215.24	231.83	158.19	0.34
10942.00	1.61	253.19	10920.61	-215.24	86.10	-215.24	231.83	158.20	0.25
10943.00	1.61	253.09	10921.61	-215.25	86.08	-215.25	231.82	158.20	0.30
10944.00	1.61	253.02	10922.61	-215.26	86.05	-215.26	231.82	158.21	0.22
10945.00	1.61	252.97	10923.61	-215.27	86.02	-215.27	231.82	158.22	0.15
10946.00	1.61	253.02	10924.60	-215.28	86.00	-215.28	231.82	158.22	0.14
10947.00	1.61	253.12	10925.60	-215.28	85.97	-215.28	231.82	158.23	0.31
10948.00	1.61	253.24	10926.60	-215.29	85.94	-215.29	231.81	158.24	0.38
10949.00	1.60	253.23	10927.60	-215.30	85.92	-215.30	231.81	158.25	0.44
10950.00	1.61	253.27	10928.60	-215.31	85.89	-215.31	231.81	158.25	0.26
10951.00	1.61	253.33	10929.60	-215.32	85.86	-215.32	231.81	158.26	0.72
10952.00	1.61	253.50	10930.60	-215.33	85.84	-215.33	231.80	158.27	0.48
10953.00	1.61	253.71	10931.60	-215.33	85.81	-215.33	231.80	158.27	0.68
10954.00	1.61	253.90	10932.60	-215.34	85.78	-215.34	231.80	158.28	0.65
10955.00	1.61	254.05	10933.60	-215.35	85.75	-215.35	231.80	158.29	0.44
10956.00	1.61	254.19	10934.60	-215.36	85.73	-215.36	231.79	158.29	0.39
10957.00	1.61	254.18	10935.60	-215.36	85.70	-215.36	231.79	158.30	0.22
10958.00	1.61	254.14	10936.60	-215.37	85.67	-215.37	231.79	158.31	0.30
10959.00	1.61	254.10	10937.60	-215.38	85.65	-215.38	231.78	158.31	0.28
10960.00	1.61	254.01	10938.60	-215.39	85.62	-215.39	231.78	158.32	0.42
10961.00	1.60	253.92	10939.60	-215.40	85.59	-215.40	231.78	158.33	0.57
10962.00	1.60	253.96	10940.60	-215.40	85.57	-215.40	231.78	158.34	0.24
10963.00	1.60	254.04	10941.60	-215.41	85.54	-215.41	231.77	158.34	0.27
10964.00	1.60	254.16	10942.60	-215.42	85.51	-215.42	231.77	158.35	0.36
10965.00	1.60	254.07	10943.60	-215.43	85.48	-215.43	231.77	158.36	0.27
10966.00	1.60	253.93	10944.60	-215.43	85.46	-215.43	231.76	158.36	0.40
10967.00	1.60	253.81	10945.60	-215.44	85.43	-215.44	231.76	158.37	0.41
10968.00	1.59	253.74	10946.60	-215.45	85.40	-215.45	231.76	158.38	0.49
10969.00	1.58	253.80	10947.60	-215.46	85.38	-215.46	231.76	158.38	0.98
10970.00	1.58	253.91	10948.60	-215.46	85.35	-215.46	231.75	158.39	0.36
10971.00	1.58	254.01	10949.59	-215.47	85.33	-215.47	231.75	158.40	0.27
10972.00	1.58	253.94	10950.59	-215.48	85.30	-215.48	231.75	158.40	0.19
10973.00	1.58	253.85	10951.59	-215.49	85.27	-215.49	231.75	158.41	0.30
10974.00	1.57	253.74	10952.59	-215.49	85.25	-215.49	231.74	158.42	0.68
10975.00	1.57	253.80	10953.59	-215.50	85.22	-215.50	231.74	158.42	0.33
10976.00	1.57	253.89	10954.59	-215.51	85.19	-215.51	231.74	158.43	0.34
10977.00	1.56	253.95	10955.59	-215.52	85.17	-215.52	231.74	158.44	0.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
10978.00	1.56	253.96	10956.59	-215.53	85.14	-215.53	231.73	158.44	0.25
10979.00	1.56	253.87	10957.59	-215.53	85.11	-215.53	231.73	158.45	0.29
10980.00	1.56	253.72	10958.59	-215.54	85.09	-215.54	231.73	158.46	0.52
10981.00	1.55	253.67	10959.59	-215.55	85.06	-215.55	231.73	158.46	0.34
10982.00	1.55	253.81	10960.59	-215.56	85.04	-215.56	231.72	158.47	0.43
10983.00	1.55	253.99	10961.59	-215.56	85.01	-215.56	231.72	158.48	0.49
10984.00	1.55	254.21	10962.59	-215.57	84.98	-215.57	231.72	158.48	0.60
10985.00	1.55	254.37	10963.59	-215.58	84.96	-215.58	231.71	158.49	0.41
10986.00	1.55	254.54	10964.59	-215.59	84.93	-215.59	231.71	158.50	0.49
10987.00	1.55	254.76	10965.59	-215.59	84.91	-215.59	231.71	158.50	0.64
10988.00	1.54	255.02	10966.59	-215.60	84.88	-215.60	231.71	158.51	0.79
10989.00	1.54	255.26	10967.59	-215.61	84.85	-215.61	231.70	158.52	0.74
10990.00	1.54	255.41	10968.59	-215.61	84.83	-215.61	231.70	158.52	0.43
10991.00	1.54	255.54	10969.59	-215.62	84.80	-215.62	231.70	158.53	0.36
10992.00	1.54	255.65	10970.59	-215.63	84.78	-215.63	231.69	158.54	0.30
10993.00	1.54	255.82	10971.59	-215.63	84.75	-215.63	231.69	158.54	0.50
10994.00	1.54	256.06	10972.59	-215.64	84.72	-215.64	231.69	158.55	0.70
10995.00	1.53	256.26	10973.59	-215.65	84.70	-215.65	231.68	158.56	0.56
10996.00	1.53	256.45	10974.59	-215.65	84.67	-215.65	231.68	158.56	0.52
10997.00	1.53	256.63	10975.59	-215.66	84.65	-215.66	231.68	158.57	0.48
10998.00	1.53	256.71	10976.59	-215.66	84.62	-215.66	231.67	158.58	0.27
10999.00	1.53	256.77	10977.58	-215.67	84.59	-215.67	231.67	158.58	0.24
11000.00	1.53	256.94	10978.58	-215.68	84.57	-215.68	231.66	158.59	0.47
11001.00	1.53	257.10	10979.58	-215.68	84.54	-215.68	231.66	158.60	0.43
11002.00	1.53	257.23	10980.58	-215.69	84.52	-215.69	231.66	158.60	0.38
11003.00	1.53	257.24	10981.58	-215.69	84.49	-215.69	231.65	158.61	0.05
11004.00	1.53	257.21	10982.58	-215.70	84.46	-215.70	231.65	158.62	0.10
11005.00	1.52	257.22	10983.58	-215.71	84.44	-215.71	231.64	158.62	0.05
11006.00	1.53	257.31	10984.58	-215.71	84.41	-215.71	231.64	158.63	0.26
11007.00	1.53	257.49	10985.58	-215.72	84.39	-215.72	231.64	158.64	0.49
11008.00	1.53	257.63	10986.58	-215.72	84.36	-215.72	231.63	158.64	0.38
11009.00	1.53	257.76	10987.58	-215.73	84.33	-215.73	231.63	158.65	0.36
11010.00	1.53	257.61	10988.58	-215.74	84.31	-215.74	231.62	158.65	0.60
11011.00	1.53	257.49	10989.58	-215.74	84.28	-215.74	231.62	158.66	0.39
11012.00	1.53	257.43	10990.58	-215.75	84.26	-215.75	231.62	158.67	0.20
11013.00	1.53	257.52	10991.58	-215.75	84.23	-215.75	231.61	158.67	0.29
11014.00	1.53	257.62	10992.58	-215.76	84.20	-215.76	231.61	158.68	0.29
11015.00	1.54	257.63	10993.58	-215.76	84.18	-215.76	231.60	158.69	0.50
11016.00	1.54	257.50	10994.58	-215.77	84.15	-215.77	231.60	158.69	0.56
11017.00	1.54	257.28	10995.58	-215.78	84.13	-215.78	231.59	158.70	0.69

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11018.00	1.55	257.13	10996.58	-215.78	84.10	-215.78	231.59	158.71	0.43
11019.00	1.55	257.00	10997.58	-215.79	84.07	-215.79	231.59	158.71	0.38
11020.00	1.55	257.08	10998.58	-215.79	84.05	-215.79	231.58	158.72	0.40
11021.00	1.55	257.12	10999.58	-215.80	84.02	-215.80	231.58	158.73	0.45
11022.00	1.56	257.12	11000.58	-215.81	83.99	-215.81	231.58	158.73	0.49
11023.00	1.56	257.07	11001.58	-215.81	83.97	-215.81	231.57	158.74	0.54
11024.00	1.57	257.02	11002.58	-215.82	83.94	-215.82	231.57	158.75	0.45
11025.00	1.57	256.99	11003.58	-215.82	83.91	-215.82	231.56	158.75	0.23
11026.00	1.57	256.99	11004.57	-215.83	83.89	-215.83	231.56	158.76	0.16
11027.00	1.57	256.99	11005.57	-215.84	83.86	-215.84	231.56	158.77	0.17
11028.00	1.58	256.95	11006.57	-215.84	83.83	-215.84	231.55	158.77	0.32
11029.00	1.58	256.84	11007.57	-215.85	83.81	-215.85	231.55	158.78	0.57
11030.00	1.59	256.68	11008.57	-215.86	83.78	-215.86	231.54	158.79	0.93
11031.00	1.60	256.67	11009.57	-215.86	83.75	-215.86	231.54	158.79	0.70
11032.00	1.60	256.67	11010.57	-215.87	83.73	-215.87	231.54	158.80	0.50
11033.00	1.61	256.66	11011.57	-215.87	83.70	-215.87	231.53	158.81	0.30
11034.00	1.61	256.61	11012.57	-215.88	83.67	-215.88	231.53	158.81	0.53
11035.00	1.62	256.52	11013.57	-215.89	83.64	-215.89	231.52	158.82	0.68
11036.00	1.62	256.41	11014.57	-215.89	83.62	-215.89	231.52	158.83	0.69
11037.00	1.63	256.31	11015.57	-215.90	83.59	-215.90	231.52	158.84	0.61
11038.00	1.63	256.26	11016.57	-215.91	83.56	-215.91	231.51	158.84	0.41
11039.00	1.64	256.25	11017.57	-215.91	83.53	-215.91	231.51	158.85	0.57
11040.00	1.64	256.25	11018.57	-215.92	83.51	-215.92	231.51	158.86	0.65
11041.00	1.65	256.07	11019.57	-215.93	83.48	-215.93	231.50	158.86	0.98
11042.00	1.66	255.90	11020.57	-215.94	83.45	-215.94	231.50	158.87	1.01
11043.00	1.67	255.83	11021.57	-215.94	83.42	-215.94	231.50	158.88	0.95
11044.00	1.68	255.83	11022.57	-215.95	83.39	-215.95	231.49	158.89	0.56
11045.00	1.68	255.85	11023.57	-215.96	83.36	-215.96	231.49	158.89	0.48
11046.00	1.69	255.82	11024.57	-215.96	83.34	-215.96	231.48	158.90	0.96
11047.00	1.70	255.75	11025.57	-215.97	83.31	-215.97	231.48	158.91	0.98
11048.00	1.71	255.63	11026.57	-215.98	83.28	-215.98	231.48	158.91	0.96
11049.00	1.72	255.49	11027.57	-215.99	83.25	-215.99	231.47	158.92	0.81
11050.00	1.72	255.36	11028.57	-215.99	83.22	-215.99	231.47	158.93	0.79
11051.00	1.73	255.30	11029.56	-216.00	83.19	-216.00	231.47	158.94	0.77
11052.00	1.74	255.26	11030.56	-216.01	83.16	-216.01	231.46	158.94	0.72
11053.00	1.74	255.21	11031.56	-216.02	83.13	-216.02	231.46	158.95	0.64
11054.00	1.75	255.13	11032.56	-216.02	83.10	-216.02	231.46	158.96	0.76
11055.00	1.76	255.04	11033.56	-216.03	83.07	-216.03	231.45	158.97	0.82
11056.00	1.77	254.77	11034.56	-216.04	83.04	-216.04	231.45	158.97	1.37
11057.00	1.78	254.70	11035.56	-216.05	83.01	-216.05	231.45	158.98	0.61

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11058.00	1.78	254.66	11036.56	-216.06	82.98	-216.06	231.44	158.99	0.50
11059.00	1.78	254.70	11037.56	-216.06	82.95	-216.06	231.44	159.00	0.43
11060.00	1.79	254.73	11038.56	-216.07	82.92	-216.07	231.44	159.00	0.34
11061.00	1.79	254.74	11039.56	-216.08	82.89	-216.08	231.44	159.01	0.26
11062.00	1.79	254.73	11040.56	-216.09	82.86	-216.09	231.43	159.02	0.45
11063.00	1.80	254.70	11041.56	-216.10	82.83	-216.10	231.43	159.03	0.38
11064.00	1.80	254.65	11042.56	-216.11	82.80	-216.11	231.43	159.04	0.24
11065.00	1.80	254.59	11043.56	-216.11	82.77	-216.11	231.42	159.04	0.35
11066.00	1.81	254.52	11044.56	-216.12	82.74	-216.12	231.42	159.05	0.46
11067.00	1.81	254.57	11045.56	-216.13	82.71	-216.13	231.42	159.06	0.24
11068.00	1.81	254.61	11046.56	-216.14	82.68	-216.14	231.41	159.07	0.24
11069.00	1.81	254.68	11047.56	-216.15	82.65	-216.15	231.41	159.07	0.29
11070.00	1.81	254.75	11048.56	-216.16	82.62	-216.16	231.41	159.08	0.26
11071.00	1.82	254.80	11049.55	-216.16	82.59	-216.16	231.40	159.09	0.21
11072.00	1.82	254.78	11050.55	-216.17	82.56	-216.17	231.40	159.10	0.10
11073.00	1.82	254.72	11051.55	-216.18	82.53	-216.18	231.40	159.11	0.39
11074.00	1.82	254.63	11052.55	-216.19	82.50	-216.19	231.40	159.11	0.58
11075.00	1.82	254.64	11053.55	-216.20	82.47	-216.20	231.39	159.12	0.12
11076.00	1.82	254.65	11054.55	-216.21	82.44	-216.21	231.39	159.13	0.22
11077.00	1.82	254.61	11055.55	-216.21	82.41	-216.21	231.39	159.14	0.15
11078.00	1.82	254.51	11056.55	-216.22	82.38	-216.22	231.38	159.14	0.45
11079.00	1.83	254.33	11057.55	-216.23	82.34	-216.23	231.38	159.15	0.89
11080.00	1.84	254.26	11058.55	-216.24	82.31	-216.24	231.38	159.16	0.91
11081.00	1.84	254.17	11059.55	-216.25	82.28	-216.25	231.37	159.17	0.53
11082.00	1.85	254.08	11060.55	-216.26	82.25	-216.26	231.37	159.18	0.35
11083.00	1.85	254.12	11061.55	-216.27	82.22	-216.27	231.37	159.18	0.13
11084.00	1.84	254.19	11062.55	-216.28	82.19	-216.28	231.37	159.19	0.25
11085.00	1.85	254.05	11063.55	-216.28	82.16	-216.28	231.36	159.20	0.56
11086.00	1.85	253.83	11064.55	-216.29	82.13	-216.29	231.36	159.21	0.91
11087.00	1.86	253.48	11065.55	-216.30	82.10	-216.30	231.36	159.22	1.51
11088.00	1.87	253.23	11066.55	-216.31	82.07	-216.31	231.36	159.22	0.97
11089.00	1.87	253.06	11067.55	-216.32	82.03	-216.32	231.35	159.23	0.78
11090.00	1.88	252.98	11068.55	-216.33	82.00	-216.33	231.35	159.24	0.67
11091.00	1.88	252.86	11069.54	-216.34	81.97	-216.34	231.35	159.25	0.53
11092.00	1.89	252.73	11070.54	-216.35	81.94	-216.35	231.35	159.26	0.62
11093.00	1.90	252.44	11071.54	-216.36	81.91	-216.36	231.35	159.26	1.46
11094.00	1.91	252.17	11072.54	-216.37	81.88	-216.37	231.34	159.27	1.45
11095.00	1.92	251.93	11073.54	-216.38	81.85	-216.38	231.34	159.28	1.37
11096.00	1.93	251.86	11074.54	-216.39	81.81	-216.39	231.34	159.29	0.69
11097.00	1.93	251.80	11075.54	-216.40	81.78	-216.40	231.34	159.30	0.64

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11098.00	1.94	251.74	11076.54	-216.41	81.75	-216.41	231.34	159.31	0.44
11099.00	1.95	251.59	11077.54	-216.42	81.72	-216.42	231.34	159.31	1.09
11100.00	1.96	251.43	11078.54	-216.43	81.68	-216.43	231.34	159.32	1.30
11101.00	1.97	251.33	11079.54	-216.44	81.65	-216.44	231.33	159.33	1.43
11102.00	1.99	251.28	11080.54	-216.46	81.62	-216.46	231.33	159.34	1.43
11103.00	2.00	251.32	11081.54	-216.47	81.59	-216.47	231.33	159.35	1.47
11104.00	2.02	251.31	11082.54	-216.48	81.55	-216.48	231.33	159.36	1.47
11105.00	2.03	251.29	11083.54	-216.49	81.52	-216.49	231.33	159.37	1.27
11106.00	2.04	251.22	11084.54	-216.50	81.49	-216.50	231.33	159.37	0.99
11107.00	2.05	251.14	11085.54	-216.51	81.45	-216.51	231.33	159.38	1.56
11108.00	2.06	251.11	11086.53	-216.52	81.42	-216.52	231.33	159.39	0.81
11109.00	2.06	251.12	11087.53	-216.54	81.38	-216.54	231.32	159.40	0.08
11110.00	2.06	251.13	11088.53	-216.55	81.35	-216.55	231.32	159.41	0.08
11111.00	2.06	251.14	11089.53	-216.56	81.32	-216.56	231.32	159.42	0.08
11112.00	2.07	251.15	11090.53	-216.57	81.28	-216.57	231.32	159.43	0.08
11113.00	2.07	251.16	11091.53	-216.58	81.25	-216.58	231.32	159.44	0.08
11114.00	2.07	251.17	11092.53	-216.59	81.21	-216.59	231.32	159.45	0.08
11115.00	2.07	251.18	11093.53	-216.61	81.18	-216.61	231.32	159.45	0.08
11116.00	2.07	251.19	11094.53	-216.62	81.15	-216.62	231.32	159.46	0.08
11117.00	2.07	251.20	11095.53	-216.63	81.11	-216.63	231.32	159.47	0.08
11118.00	2.07	251.21	11096.53	-216.64	81.08	-216.64	231.31	159.48	0.08
11119.00	2.07	251.22	11097.53	-216.65	81.04	-216.65	231.31	159.49	0.08
11120.00	2.07	251.23	11098.53	-216.66	81.01	-216.66	231.31	159.50	0.08
11121.00	2.07	251.24	11099.53	-216.68	80.97	-216.68	231.31	159.51	0.08
11122.00	2.07	251.25	11100.53	-216.69	80.94	-216.69	231.31	159.52	0.08
11123.00	2.07	251.26	11101.52	-216.70	80.91	-216.70	231.31	159.53	0.08
11124.00	2.07	251.27	11102.52	-216.71	80.87	-216.71	231.31	159.54	0.08
11125.00	2.07	251.28	11103.52	-216.72	80.84	-216.72	231.31	159.54	0.08
11126.00	2.08	251.29	11104.52	-216.73	80.80	-216.73	231.31	159.55	0.08
11127.00	2.08	251.30	11105.52	-216.75	80.77	-216.75	231.31	159.56	0.08
11128.00	2.08	251.31	11106.52	-216.76	80.73	-216.76	231.30	159.57	0.08
11129.00	2.08	251.32	11107.52	-216.77	80.70	-216.77	231.30	159.58	0.08
11130.00	2.08	251.33	11108.52	-216.78	80.67	-216.78	231.30	159.59	0.08
11131.00	2.08	251.35	11109.52	-216.79	80.63	-216.79	231.30	159.60	0.41
11132.00	2.09	251.39	11110.52	-216.80	80.60	-216.80	231.30	159.61	0.55
11133.00	2.09	251.42	11111.52	-216.81	80.56	-216.81	231.30	159.62	0.55
11134.00	2.10	251.50	11112.52	-216.83	80.53	-216.83	231.30	159.63	0.82
11135.00	2.11	251.60	11113.52	-216.84	80.49	-216.84	231.30	159.63	0.94
11136.00	2.12	251.44	11114.52	-216.85	80.46	-216.85	231.29	159.64	1.31
11137.00	2.13	251.25	11115.52	-216.86	80.42	-216.86	231.29	159.65	1.37

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11138.00	2.14	251.16	11116.51	-216.87	80.39	-216.87	231.29	159.66	1.09
11139.00	2.15	251.20	11117.51	-216.89	80.35	-216.89	231.29	159.67	0.72
11140.00	2.16	251.25	11118.51	-216.90	80.32	-216.90	231.29	159.68	0.69
11141.00	2.16	251.29	11119.51	-216.91	80.28	-216.91	231.29	159.69	0.68
11142.00	2.17	251.27	11120.51	-216.92	80.25	-216.92	231.29	159.70	0.69
11143.00	2.18	251.20	11121.51	-216.93	80.21	-216.93	231.29	159.71	0.69
11144.00	2.18	251.09	11122.51	-216.95	80.17	-216.95	231.29	159.72	0.43
11145.00	2.18	250.99	11123.51	-216.96	80.14	-216.96	231.29	159.73	0.37
11146.00	2.18	251.02	11124.51	-216.97	80.10	-216.97	231.28	159.74	0.71
11147.00	2.19	251.02	11125.51	-216.98	80.07	-216.98	231.28	159.75	0.53
11148.00	2.19	250.97	11126.51	-217.00	80.03	-217.00	231.28	159.76	0.46
11149.00	2.20	250.82	11127.51	-217.01	79.99	-217.01	231.28	159.77	0.68
11150.00	2.20	250.67	11128.51	-217.02	79.96	-217.02	231.28	159.77	0.69
11151.00	2.21	250.55	11129.51	-217.03	79.92	-217.03	231.28	159.78	0.75
11152.00	2.21	250.55	11130.50	-217.05	79.88	-217.05	231.28	159.79	0.41
11153.00	2.21	250.54	11131.50	-217.06	79.85	-217.06	231.28	159.80	0.22
11154.00	2.21	250.50	11132.50	-217.07	79.81	-217.07	231.28	159.81	0.23
11155.00	2.21	250.44	11133.50	-217.09	79.78	-217.09	231.28	159.82	0.25
11156.00	2.21	250.35	11134.50	-217.10	79.74	-217.10	231.28	159.83	0.43
11157.00	2.22	250.22	11135.50	-217.11	79.70	-217.11	231.28	159.84	0.58
11158.00	2.22	250.10	11136.50	-217.12	79.67	-217.12	231.28	159.85	0.52
11159.00	2.22	250.00	11137.50	-217.14	79.63	-217.14	231.28	159.86	0.41
11160.00	2.22	249.99	11138.50	-217.15	79.59	-217.15	231.28	159.87	0.22
11161.00	2.22	250.00	11139.50	-217.16	79.56	-217.16	231.28	159.88	0.18
11162.00	2.21	250.03	11140.50	-217.18	79.52	-217.18	231.28	159.89	0.16
11163.00	2.21	249.98	11141.50	-217.19	79.48	-217.19	231.28	159.90	0.20
11164.00	2.21	249.87	11142.50	-217.20	79.45	-217.20	231.28	159.91	0.42
11165.00	2.21	249.74	11143.50	-217.22	79.41	-217.22	231.28	159.92	0.50
11166.00	2.21	249.59	11144.49	-217.23	79.38	-217.23	231.28	159.93	0.61
11167.00	2.21	249.42	11145.49	-217.24	79.34	-217.24	231.28	159.94	0.66
11168.00	2.21	249.37	11146.49	-217.26	79.30	-217.26	231.28	159.95	0.27
11169.00	2.21	249.31	11147.49	-217.27	79.27	-217.27	231.28	159.96	0.41
11170.00	2.20	249.25	11148.49	-217.28	79.23	-217.28	231.28	159.97	0.62
11171.00	2.20	249.15	11149.49	-217.30	79.20	-217.30	231.28	159.98	0.42
11172.00	2.20	249.03	11150.49	-217.31	79.16	-217.31	231.28	159.99	0.44
11173.00	2.20	248.90	11151.49	-217.33	79.12	-217.33	231.28	159.99	0.52
11174.00	2.20	248.80	11152.49	-217.34	79.09	-217.34	231.28	160.00	0.39
11175.00	2.19	248.82	11153.49	-217.35	79.05	-217.35	231.28	160.01	0.49
11176.00	2.19	248.73	11154.49	-217.37	79.02	-217.37	231.28	160.02	0.67
11177.00	2.18	248.59	11155.49	-217.38	78.98	-217.38	231.28	160.03	0.70

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11178.00	2.19	248.23	11156.49	-217.40	78.95	-217.40	231.29	160.04	1.41
11179.00	2.19	248.13	11157.48	-217.41	78.91	-217.41	231.29	160.05	0.39
11180.00	2.18	248.10	11158.48	-217.42	78.87	-217.42	231.29	160.06	0.27
11181.00	2.18	248.01	11159.48	-217.44	78.84	-217.44	231.29	160.07	0.34
11182.00	2.19	247.95	11160.48	-217.45	78.80	-217.45	231.29	160.08	0.25
11183.00	2.19	247.92	11161.48	-217.47	78.77	-217.47	231.29	160.09	0.20
11184.00	2.19	247.94	11162.48	-217.48	78.73	-217.48	231.29	160.10	0.11
11185.00	2.19	247.95	11163.48	-217.50	78.70	-217.50	231.30	160.11	0.03
11186.00	2.18	247.87	11164.48	-217.51	78.66	-217.51	231.30	160.12	0.66
11187.00	2.18	247.80	11165.48	-217.52	78.63	-217.52	231.30	160.13	0.28
11188.00	2.19	247.73	11166.48	-217.54	78.59	-217.54	231.30	160.14	0.42
11189.00	2.19	247.69	11167.48	-217.55	78.56	-217.55	231.30	160.15	0.36
11190.00	2.19	247.63	11168.48	-217.57	78.52	-217.57	231.30	160.16	0.31
11191.00	2.19	247.55	11169.48	-217.58	78.49	-217.58	231.31	160.16	0.33
11192.00	2.19	247.53	11170.48	-217.60	78.45	-217.60	231.31	160.17	0.18
11193.00	2.19	247.54	11171.47	-217.61	78.42	-217.61	231.31	160.18	0.26
11194.00	2.20	247.57	11172.47	-217.63	78.38	-217.63	231.31	160.19	0.36
11195.00	2.20	247.53	11173.47	-217.64	78.34	-217.64	231.31	160.20	0.15
11196.00	2.19	247.39	11174.47	-217.66	78.31	-217.66	231.31	160.21	0.67
11197.00	2.20	247.25	11175.47	-217.67	78.27	-217.67	231.32	160.22	0.69
11198.00	2.20	247.14	11176.47	-217.69	78.24	-217.69	231.32	160.23	0.57
11199.00	2.20	247.09	11177.47	-217.70	78.20	-217.70	231.32	160.24	0.29
11200.00	2.21	247.12	11178.47	-217.71	78.17	-217.71	231.32	160.25	0.16
11201.00	2.21	247.21	11179.47	-217.73	78.13	-217.73	231.32	160.26	0.34
11202.00	2.21	247.11	11180.47	-217.74	78.10	-217.74	231.33	160.27	0.38
11203.00	2.21	247.03	11181.47	-217.76	78.06	-217.76	231.33	160.28	0.37
11204.00	2.21	246.98	11182.47	-217.77	78.03	-217.77	231.33	160.29	0.49
11205.00	2.21	246.85	11183.47	-217.79	77.99	-217.79	231.33	160.30	0.56
11206.00	2.22	246.69	11184.46	-217.81	77.95	-217.81	231.34	160.31	0.64
11207.00	2.22	246.53	11185.46	-217.82	77.92	-217.82	231.34	160.32	0.63
11208.00	2.22	246.31	11186.46	-217.84	77.88	-217.84	231.34	160.33	0.86
11209.00	2.22	246.06	11187.46	-217.85	77.85	-217.85	231.34	160.34	1.03
11210.00	2.22	245.85	11188.46	-217.87	77.81	-217.87	231.35	160.35	0.81
11211.00	2.23	245.70	11189.46	-217.88	77.78	-217.88	231.35	160.36	0.63
11212.00	2.23	245.59	11190.46	-217.90	77.74	-217.90	231.35	160.36	0.52
11213.00	2.23	245.43	11191.46	-217.92	77.71	-217.92	231.36	160.37	0.89
11214.00	2.24	245.25	11192.46	-217.93	77.67	-217.93	231.36	160.38	0.87
11215.00	2.24	245.09	11193.46	-217.95	77.64	-217.95	231.36	160.39	0.71
11216.00	2.25	245.00	11194.46	-217.96	77.60	-217.96	231.37	160.40	0.53
11217.00	2.25	244.94	11195.46	-217.98	77.56	-217.98	231.37	160.41	0.45

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11218.00	2.25	244.77	11196.46	-218.00	77.53	-218.00	231.37	160.42	0.73
11219.00	2.25	244.69	11197.46	-218.01	77.49	-218.01	231.38	160.43	0.33
11220.00	2.25	244.65	11198.45	-218.03	77.46	-218.03	231.38	160.44	0.26
11221.00	2.26	244.54	11199.45	-218.05	77.42	-218.05	231.39	160.45	0.60
11222.00	2.26	244.41	11200.45	-218.07	77.39	-218.07	231.39	160.46	0.64
11223.00	2.27	244.29	11201.45	-218.08	77.35	-218.08	231.39	160.47	0.92
11224.00	2.27	244.21	11202.45	-218.10	77.32	-218.10	231.40	160.48	0.51
11225.00	2.27	244.22	11203.45	-218.12	77.28	-218.12	231.40	160.49	0.12
11226.00	2.27	244.30	11204.45	-218.13	77.24	-218.13	231.41	160.50	0.33
11227.00	2.28	244.32	11205.45	-218.15	77.21	-218.15	231.41	160.51	0.34
11228.00	2.28	244.24	11206.45	-218.17	77.17	-218.17	231.42	160.52	0.73
11229.00	2.28	244.14	11207.45	-218.19	77.14	-218.19	231.42	160.53	0.40
11230.00	2.28	244.06	11208.45	-218.20	77.10	-218.20	231.42	160.54	0.33
11231.00	2.29	244.06	11209.45	-218.22	77.06	-218.22	231.43	160.55	0.13
11232.00	2.29	244.16	11210.44	-218.24	77.03	-218.24	231.43	160.56	0.40
11233.00	2.29	244.30	11211.44	-218.26	76.99	-218.26	231.44	160.57	0.57
11234.00	2.29	244.35	11212.44	-218.27	76.96	-218.27	231.44	160.58	0.22
11235.00	2.29	244.35	11213.44	-218.29	76.92	-218.29	231.45	160.59	0.19
11236.00	2.29	244.24	11214.44	-218.31	76.89	-218.31	231.45	160.60	0.61
11237.00	2.30	244.23	11215.44	-218.33	76.85	-218.33	231.46	160.61	0.47
11238.00	2.30	244.25	11216.44	-218.34	76.81	-218.34	231.46	160.62	0.42
11239.00	2.31	244.30	11217.44	-218.36	76.78	-218.36	231.46	160.63	0.34
11240.00	2.31	244.33	11218.44	-218.38	76.74	-218.38	231.47	160.64	0.16
11241.00	2.30	244.35	11219.44	-218.39	76.70	-218.39	231.47	160.65	0.30
11242.00	2.31	244.30	11220.44	-218.41	76.67	-218.41	231.48	160.66	0.31
11243.00	2.31	244.27	11221.44	-218.43	76.63	-218.43	231.48	160.67	0.42
11244.00	2.32	244.30	11222.44	-218.45	76.60	-218.45	231.49	160.68	0.60
11245.00	2.32	244.30	11223.43	-218.46	76.56	-218.46	231.49	160.69	0.53
11246.00	2.33	244.28	11224.43	-218.48	76.52	-218.48	231.50	160.70	0.45
11247.00	2.33	244.27	11225.43	-218.50	76.49	-218.50	231.50	160.71	0.24
11248.00	2.33	244.31	11226.43	-218.52	76.45	-218.52	231.50	160.72	0.28
11249.00	2.33	244.36	11227.43	-218.54	76.41	-218.54	231.51	160.73	0.35
11250.00	2.34	244.30	11228.43	-218.55	76.38	-218.55	231.51	160.74	0.58
11251.00	2.34	244.18	11229.43	-218.57	76.34	-218.57	231.52	160.75	0.74
11252.00	2.35	244.06	11230.43	-218.59	76.30	-218.59	231.52	160.76	0.65
11253.00	2.35	244.00	11231.43	-218.61	76.27	-218.61	231.53	160.77	0.70
11254.00	2.36	243.97	11232.43	-218.62	76.23	-218.62	231.53	160.78	0.78
11255.00	2.36	244.01	11233.43	-218.64	76.19	-218.64	231.54	160.79	0.30
11256.00	2.37	244.03	11234.43	-218.66	76.15	-218.66	231.54	160.80	0.17
11257.00	2.37	244.00	11235.42	-218.68	76.12	-218.68	231.55	160.81	0.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11258.00	2.38	243.94	11236.42	-218.70	76.08	-218.70	231.55	160.82	0.80
11259.00	2.38	243.86	11237.42	-218.72	76.04	-218.72	231.56	160.83	0.95
11260.00	2.40	243.65	11238.42	-218.73	76.01	-218.73	231.56	160.84	1.56
11261.00	2.40	243.62	11239.42	-218.75	75.97	-218.75	231.57	160.85	0.24
11262.00	2.40	243.65	11240.42	-218.77	75.93	-218.77	231.57	160.86	0.12
11263.00	2.40	243.60	11241.42	-218.79	75.89	-218.79	231.58	160.87	0.22
11264.00	2.40	243.53	11242.42	-218.81	75.86	-218.81	231.58	160.88	0.33
11265.00	2.41	243.39	11243.42	-218.83	75.82	-218.83	231.59	160.89	0.98
11266.00	2.41	243.22	11244.42	-218.85	75.78	-218.85	231.59	160.90	0.92
11267.00	2.42	243.03	11245.42	-218.86	75.74	-218.86	231.60	160.91	0.92
11268.00	2.42	242.92	11246.41	-218.88	75.70	-218.88	231.61	160.92	0.58
11269.00	2.42	242.81	11247.41	-218.90	75.67	-218.90	231.61	160.93	0.50
11270.00	2.43	242.73	11248.41	-218.92	75.63	-218.92	231.62	160.94	0.40
11271.00	2.42	242.65	11249.41	-218.94	75.59	-218.94	231.62	160.95	0.40
11272.00	2.42	242.58	11250.41	-218.96	75.55	-218.96	231.63	160.96	0.40
11273.00	2.43	242.32	11251.41	-218.98	75.52	-218.98	231.64	160.97	1.33
11274.00	2.43	242.07	11252.41	-219.00	75.48	-219.00	231.64	160.98	1.21
11275.00	2.44	241.82	11253.41	-219.02	75.44	-219.02	231.65	160.99	1.11
11276.00	2.44	241.74	11254.41	-219.04	75.40	-219.04	231.66	161.00	0.39
11277.00	2.44	241.65	11255.41	-219.06	75.37	-219.06	231.66	161.01	0.38
11278.00	2.43	241.58	11256.41	-219.08	75.33	-219.08	231.67	161.02	0.32
11279.00	2.43	241.43	11257.40	-219.10	75.29	-219.10	231.68	161.04	0.63
11280.00	2.44	241.24	11258.40	-219.12	75.26	-219.12	231.68	161.05	0.86
11281.00	2.44	241.05	11259.40	-219.14	75.22	-219.14	231.69	161.06	0.85
11282.00	2.44	240.86	11260.40	-219.16	75.18	-219.16	231.70	161.07	0.87
11283.00	2.45	240.65	11261.40	-219.18	75.14	-219.18	231.71	161.08	0.94
11284.00	2.45	240.52	11262.40	-219.20	75.11	-219.20	231.71	161.09	0.64
11285.00	2.45	240.43	11263.40	-219.23	75.07	-219.23	231.72	161.10	0.44
11286.00	2.45	240.41	11264.40	-219.25	75.03	-219.25	231.73	161.11	0.31
11287.00	2.45	240.35	11265.40	-219.27	74.99	-219.27	231.74	161.12	0.25
11288.00	2.45	240.25	11266.40	-219.29	74.96	-219.29	231.75	161.13	0.55
11289.00	2.46	240.13	11267.40	-219.31	74.92	-219.31	231.75	161.14	1.14
11290.00	2.47	240.01	11268.39	-219.33	74.88	-219.33	231.76	161.15	0.92
11291.00	2.47	239.86	11269.39	-219.35	74.85	-219.35	231.77	161.16	0.64
11292.00	2.47	239.87	11270.39	-219.38	74.81	-219.38	231.78	161.17	0.08
11293.00	2.47	239.90	11271.39	-219.40	74.77	-219.40	231.79	161.18	0.16
11294.00	2.47	239.93	11272.39	-219.42	74.73	-219.42	231.80	161.19	0.19
11295.00	2.48	239.87	11273.39	-219.44	74.70	-219.44	231.81	161.20	0.66
11296.00	2.49	239.73	11274.39	-219.46	74.66	-219.46	231.81	161.21	1.08
11297.00	2.49	239.64	11275.39	-219.48	74.62	-219.48	231.82	161.22	0.83

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11298.00	2.50	239.63	11276.39	-219.51	74.58	-219.51	231.83	161.23	0.33
11299.00	2.50	239.70	11277.39	-219.53	74.55	-219.53	231.84	161.24	0.32
11300.00	2.50	239.71	11278.39	-219.55	74.51	-219.55	231.85	161.25	0.07
11301.00	2.50	239.60	11279.38	-219.57	74.47	-219.57	231.86	161.26	0.52
11302.00	2.50	239.37	11280.38	-219.59	74.43	-219.59	231.87	161.28	1.15
11303.00	2.51	239.11	11281.38	-219.62	74.40	-219.62	231.88	161.29	1.46
11304.00	2.53	238.89	11282.38	-219.64	74.36	-219.64	231.88	161.30	1.54
11305.00	2.53	238.95	11283.38	-219.66	74.32	-219.66	231.89	161.31	0.39
11306.00	2.53	239.04	11284.38	-219.68	74.28	-219.68	231.90	161.32	0.41
11307.00	2.52	239.13	11285.38	-219.71	74.25	-219.71	231.91	161.33	0.61
11308.00	2.53	239.13	11286.38	-219.73	74.21	-219.73	231.92	161.34	0.56
11309.00	2.54	239.06	11287.38	-219.75	74.17	-219.75	231.93	161.35	0.90
11310.00	2.55	238.94	11288.38	-219.78	74.13	-219.78	231.94	161.36	1.05
11311.00	2.55	238.90	11289.37	-219.80	74.09	-219.80	231.95	161.37	0.62
11312.00	2.56	238.92	11290.37	-219.82	74.06	-219.82	231.96	161.38	0.39
11313.00	2.55	239.09	11291.37	-219.84	74.02	-219.84	231.97	161.39	0.82
11314.00	2.27	246.79	11292.37	-219.86	73.98	-219.86	231.98	161.40	43.00
11315.00	2.00	254.51	11293.37	-219.88	73.94	-219.88	231.98	161.41	38.96
11316.00	2.07	253.87	11294.37	-219.89	73.91	-219.89	231.98	161.42	7.20
11317.00	2.25	249.61	11295.37	-219.90	73.87	-219.90	231.97	161.43	23.71
11318.00	2.53	240.21	11296.37	-219.92	73.84	-219.92	231.98	161.44	48.12
11319.00	2.19	252.07	11297.37	-219.93	73.80	-219.93	231.98	161.45	59.13
11320.00	2.46	242.79	11298.37	-219.95	73.76	-219.95	231.99	161.46	45.96
11321.00	2.45	242.76	11299.37	-219.97	73.72	-219.97	231.99	161.47	0.39
11322.00	2.16	253.23	11300.37	-219.98	73.69	-219.98	232.00	161.48	51.43
11323.00	2.59	238.33	11301.36	-220.00	73.65	-220.00	232.00	161.49	74.85
11324.00	2.17	252.73	11302.36	-220.02	73.61	-220.02	232.01	161.50	72.76
11325.00	2.17	252.71	11303.36	-220.03	73.58	-220.03	232.00	161.51	0.39
11326.00	2.60	238.28	11304.36	-220.05	73.54	-220.05	232.01	161.52	73.50
11327.00	2.34	246.37	11305.36	-220.07	73.50	-220.07	232.02	161.53	43.17
11328.00	2.15	251.83	11306.36	-220.08	73.46	-220.08	232.02	161.54	28.71
11329.00	2.29	247.32	11307.36	-220.09	73.43	-220.09	232.02	161.55	22.56
11330.00	2.14	251.42	11308.36	-220.11	73.39	-220.11	232.02	161.56	21.96
11331.00	2.55	239.92	11309.36	-220.12	73.36	-220.12	232.03	161.57	61.99
11332.00	2.14	250.78	11310.36	-220.14	73.32	-220.14	232.03	161.58	60.32
11333.00	2.14	250.75	11311.36	-220.15	73.28	-220.15	232.03	161.59	0.14
11334.00	2.45	242.26	11312.36	-220.17	73.25	-220.17	232.03	161.60	45.83
11335.00	2.34	245.26	11313.36	-220.19	73.21	-220.19	232.04	161.61	16.56
11336.00	2.15	250.41	11314.35	-220.20	73.17	-220.20	232.04	161.62	27.83
11337.00	2.30	246.21	11315.35	-220.22	73.14	-220.22	232.05	161.63	22.33

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11338.00	2.21	248.58	11316.35	-220.23	73.10	-220.23	232.05	161.64	12.59
11339.00	2.16	250.06	11317.35	-220.25	73.07	-220.25	232.05	161.65	7.86
11340.00	2.50	240.78	11318.35	-220.26	73.03	-220.26	232.05	161.66	50.57
11341.00	2.17	249.60	11319.35	-220.28	72.99	-220.28	232.06	161.67	48.69
11342.00	2.52	240.10	11320.35	-220.30	72.95	-220.30	232.06	161.68	52.47
11343.00	2.19	248.55	11321.35	-220.32	72.92	-220.32	232.07	161.69	48.16
11344.00	2.19	248.22	11322.35	-220.33	72.88	-220.33	232.07	161.70	1.34
11345.00	2.31	245.29	11323.35	-220.35	72.85	-220.35	232.08	161.71	16.49
11346.00	2.21	247.55	11324.35	-220.36	72.81	-220.36	232.08	161.72	13.22
11347.00	2.22	247.44	11325.35	-220.38	72.77	-220.38	232.08	161.73	1.12
11348.00	2.22	247.30	11326.34	-220.39	72.74	-220.39	232.08	161.73	0.74
11349.00	2.23	247.34	11327.34	-220.41	72.70	-220.41	232.09	161.74	1.16
11350.00	2.23	247.52	11328.34	-220.42	72.67	-220.42	232.09	161.75	0.78
11351.00	2.36	244.54	11329.34	-220.44	72.63	-220.44	232.09	161.76	17.24
11352.00	2.24	247.60	11330.34	-220.45	72.59	-220.45	232.10	161.77	17.00
11353.00	2.53	239.91	11331.34	-220.47	72.56	-220.47	232.10	161.78	43.22
11354.00	2.45	242.29	11332.34	-220.49	72.52	-220.49	232.11	161.79	12.82
11355.00	2.27	247.53	11333.34	-220.51	72.48	-220.51	232.12	161.80	28.12
11356.00	2.47	242.26	11334.34	-220.53	72.44	-220.53	232.12	161.81	29.24
11357.00	2.44	243.36	11335.34	-220.55	72.41	-220.55	232.13	161.82	5.83
11358.00	2.32	247.24	11336.34	-220.57	72.37	-220.57	232.13	161.84	19.96
11359.00	2.32	247.07	11337.34	-220.58	72.33	-220.58	232.14	161.85	0.98
11360.00	2.34	247.08	11338.33	-220.60	72.29	-220.60	232.14	161.86	1.40
11361.00	2.52	241.93	11339.33	-220.62	72.26	-220.62	232.15	161.87	28.33
11362.00	2.55	241.01	11340.33	-220.64	72.22	-220.64	232.15	161.88	5.00
11363.00	2.35	246.49	11341.33	-220.66	72.18	-220.66	232.16	161.89	30.47
11364.00	2.37	246.25	11342.33	-220.67	72.14	-220.67	232.16	161.90	1.69
11365.00	2.36	246.09	11343.33	-220.69	72.10	-220.69	232.17	161.91	0.89
11366.00	2.74	236.26	11344.33	-220.71	72.06	-220.71	232.18	161.92	57.70
11367.00	2.45	243.68	11345.33	-220.73	72.03	-220.73	232.19	161.93	44.11
11368.00	2.38	245.22	11346.33	-220.75	71.99	-220.75	232.19	161.94	10.09
11369.00	2.57	240.57	11347.33	-220.77	71.95	-220.77	232.20	161.95	28.12
11370.00	2.39	244.61	11348.33	-220.79	71.91	-220.79	232.21	161.96	25.59
11371.00	2.40	244.17	11349.32	-220.81	71.87	-220.81	232.21	161.97	2.31
11372.00	2.68	238.14	11350.32	-220.83	71.83	-220.83	232.22	161.98	38.77
11373.00	2.41	243.64	11351.32	-220.85	71.80	-220.85	232.23	161.99	36.49
11374.00	2.41	243.68	11352.32	-220.87	71.76	-220.87	232.23	162.00	0.37
11375.00	2.63	239.37	11353.32	-220.89	71.72	-220.89	232.24	162.01	28.94
11376.00	2.42	243.26	11354.32	-220.91	71.68	-220.91	232.25	162.02	26.66
11377.00	2.73	237.38	11355.32	-220.94	71.64	-220.94	232.26	162.03	40.97

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11378.00	2.53	241.24	11356.32	-220.96	71.60	-220.96	232.27	162.04	27.13
11379.00	2.45	242.74	11357.32	-220.98	71.56	-220.98	232.28	162.06	10.51
11380.00	2.81	235.87	11358.32	-221.00	71.52	-221.00	232.29	162.07	48.12
11381.00	2.51	241.38	11359.31	-221.03	71.49	-221.03	232.30	162.08	39.51
11382.00	2.54	240.64	11360.31	-221.05	71.45	-221.05	232.31	162.09	4.57
11383.00	2.82	235.72	11361.31	-221.07	71.41	-221.07	232.32	162.10	35.90
11384.00	2.49	241.39	11362.31	-221.10	71.37	-221.10	232.33	162.11	42.26
11385.00	2.77	236.24	11363.31	-221.12	71.33	-221.12	232.34	162.12	37.33
11386.00	2.69	237.77	11364.31	-221.15	71.29	-221.15	232.35	162.13	11.14
11387.00	2.51	240.68	11365.31	-221.17	71.25	-221.17	232.36	162.14	22.05
11388.00	2.75	236.71	11366.31	-221.19	71.21	-221.19	232.37	162.15	30.00
11389.00	2.53	240.11	11367.31	-221.22	71.17	-221.22	232.39	162.17	27.38
11390.00	2.55	239.70	11368.31	-221.24	71.13	-221.24	232.39	162.18	2.82
11391.00	2.73	236.62	11369.30	-221.26	71.09	-221.26	232.41	162.19	23.31
11392.00	2.57	239.13	11370.30	-221.29	71.05	-221.29	232.42	162.20	19.88
11393.00	2.70	236.98	11371.30	-221.31	71.02	-221.31	232.43	162.21	16.17
11394.00	2.67	237.58	11372.30	-221.34	70.98	-221.34	232.44	162.22	4.13
11395.00	2.60	238.70	11373.30	-221.36	70.94	-221.36	232.45	162.23	8.71
11396.00	2.61	238.31	11374.30	-221.39	70.90	-221.39	232.46	162.24	2.20
11397.00	2.65	237.60	11375.30	-221.41	70.86	-221.41	232.47	162.25	4.77
11398.00	2.62	237.75	11376.30	-221.44	70.82	-221.44	232.49	162.26	2.87
11399.00	2.79	235.61	11377.30	-221.46	70.78	-221.46	232.50	162.28	19.86
11400.00	2.63	237.69	11378.29	-221.49	70.74	-221.49	232.51	162.29	18.72
11401.00	2.64	237.83	11379.29	-221.51	70.70	-221.51	232.52	162.30	1.08
11402.00	2.76	235.95	11380.29	-221.54	70.66	-221.54	232.54	162.31	14.56
11403.00	2.67	237.32	11381.29	-221.56	70.62	-221.56	232.55	162.32	10.80
11404.00	2.67	237.41	11382.29	-221.59	70.58	-221.59	232.56	162.33	0.68
11405.00	2.70	236.77	11383.29	-221.61	70.55	-221.61	232.57	162.34	4.78
11406.00	2.69	237.00	11384.29	-221.64	70.51	-221.64	232.58	162.35	2.01
11407.00	2.77	235.50	11385.29	-221.67	70.47	-221.67	232.60	162.36	11.08
11408.00	2.74	236.18	11386.29	-221.69	70.43	-221.69	232.61	162.38	4.51
11409.00	2.73	236.62	11387.28	-221.72	70.39	-221.72	232.62	162.39	2.54
11410.00	2.77	235.81	11388.28	-221.75	70.35	-221.75	232.64	162.40	6.27
11411.00	2.77	236.48	11389.28	-221.77	70.31	-221.77	232.65	162.41	3.31
11412.00	2.79	236.20	11390.28	-221.80	70.27	-221.80	232.67	162.42	2.39
11413.00	2.79	235.55	11391.28	-221.83	70.23	-221.83	232.68	162.43	3.21
11414.00	2.82	235.71	11392.28	-221.86	70.19	-221.86	232.69	162.44	3.34
11415.00	2.79	235.26	11393.28	-221.88	70.15	-221.88	232.71	162.46	3.77
11416.00	2.85	235.50	11394.28	-221.91	70.11	-221.91	232.72	162.47	5.90
11417.00	2.85	235.73	11395.28	-221.94	70.06	-221.94	232.74	162.48	1.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11418.00	2.80	235.17	11396.27	-221.97	70.02	-221.97	232.75	162.49	6.51
11419.00	2.87	235.62	11397.27	-222.00	69.98	-222.00	232.77	162.50	8.09
11420.00	2.84	235.28	11398.27	-222.02	69.94	-222.02	232.78	162.51	3.88
11421.00	2.81	235.13	11399.27	-222.05	69.90	-222.05	232.79	162.53	3.20
11422.00	2.90	235.11	11400.27	-222.08	69.86	-222.08	232.81	162.54	9.05
11423.00	2.91	234.92	11401.27	-222.11	69.82	-222.11	232.82	162.55	1.46
11424.00	2.83	234.88	11402.27	-222.14	69.78	-222.14	232.84	162.56	8.29
11425.00	2.91	234.67	11403.27	-222.17	69.74	-222.17	232.86	162.57	8.88
11426.00	2.83	234.81	11404.26	-222.20	69.70	-222.20	232.87	162.58	8.62
11427.00	2.92	234.59	11405.26	-222.22	69.66	-222.22	232.89	162.60	8.81
11428.00	2.73	234.99	11406.26	-222.25	69.62	-222.25	232.90	162.61	18.62
11429.00	2.72	235.10	11407.26	-222.28	69.58	-222.28	232.92	162.62	1.51
11430.00	2.92	234.49	11408.26	-222.31	69.54	-222.31	232.93	162.63	20.17
11431.00	2.75	234.87	11409.26	-222.34	69.50	-222.34	232.95	162.64	16.86
11432.00	2.91	234.15	11410.26	-222.37	69.46	-222.37	232.96	162.65	16.54
11433.00	2.90	234.05	11411.26	-222.40	69.41	-222.40	232.98	162.67	0.88
11434.00	2.74	234.64	11412.25	-222.42	69.37	-222.42	232.99	162.68	16.71
11435.00	2.85	234.32	11413.25	-222.45	69.34	-222.45	233.01	162.69	10.88
11436.00	2.89	234.26	11414.25	-222.48	69.29	-222.48	233.02	162.70	4.96
11437.00	2.69	234.53	11415.25	-222.51	69.25	-222.51	233.04	162.71	20.42
11438.00	2.88	234.24	11416.25	-222.54	69.22	-222.54	233.05	162.72	18.84
11439.00	2.88	234.25	11417.25	-222.57	69.17	-222.57	233.07	162.73	0.35
11440.00	2.76	234.29	11418.25	-222.60	69.13	-222.60	233.09	162.75	11.50
11441.00	2.80	234.29	11419.25	-222.63	69.10	-222.63	233.10	162.76	4.39
11442.00	2.72	234.30	11420.24	-222.65	69.06	-222.65	233.12	162.77	8.84
11443.00	2.85	234.13	11421.24	-222.68	69.02	-222.68	233.13	162.78	13.04
11444.00	2.83	233.99	11422.24	-222.71	68.98	-222.71	233.15	162.79	1.87
11445.00	2.67	234.49	11423.24	-222.74	68.94	-222.74	233.16	162.80	16.03
11446.00	2.75	234.24	11424.24	-222.77	68.90	-222.77	233.18	162.81	7.95
11447.00	2.81	233.90	11425.24	-222.79	68.86	-222.79	233.19	162.82	5.97
11448.00	2.64	234.43	11426.24	-222.82	68.82	-222.82	233.21	162.84	17.13
11449.00	2.76	233.67	11427.24	-222.85	68.78	-222.85	233.22	162.85	12.63
11450.00	2.77	233.50	11428.24	-222.88	68.74	-222.88	233.24	162.86	1.52
11451.00	2.76	233.42	11429.23	-222.91	68.71	-222.91	233.26	162.87	1.38
11452.00	2.68	233.71	11430.23	-222.94	68.67	-222.94	233.27	162.88	7.44
11453.00	2.52	234.82	11431.23	-222.96	68.63	-222.96	233.29	162.89	17.58
11454.00	2.65	233.80	11432.23	-222.99	68.59	-222.99	233.30	162.90	14.24
11455.00	2.70	233.31	11433.23	-223.02	68.56	-223.02	233.32	162.91	5.77
11456.00	2.57	234.32	11434.23	-223.04	68.52	-223.04	233.33	162.92	14.52
11457.00	2.67	233.43	11435.23	-223.07	68.48	-223.07	233.35	162.93	11.13

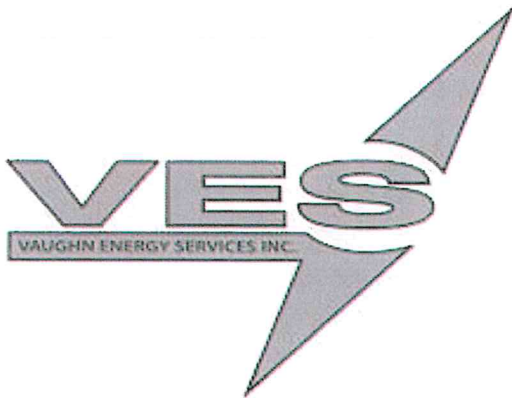
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11458.00	2.48	235.17	11436.23	-223.10	68.45	-223.10	233.36	162.94	20.87
11459.00	2.59	233.78	11437.23	-223.12	68.41	-223.12	233.37	162.95	13.19
11460.00	2.55	234.15	11438.22	-223.15	68.37	-223.15	233.39	162.96	4.92
11461.00	2.59	233.61	11439.22	-223.17	68.34	-223.17	233.40	162.97	4.83
11462.00	2.49	234.67	11440.22	-223.20	68.30	-223.20	233.42	162.99	11.23
11463.00	2.49	234.40	11441.22	-223.23	68.27	-223.23	233.43	163.00	1.28
11464.00	2.44	235.05	11442.22	-223.25	68.23	-223.25	233.44	163.01	6.22
11465.00	2.51	233.84	11443.22	-223.28	68.20	-223.28	233.46	163.02	9.05
11466.00	2.47	234.42	11444.22	-223.30	68.16	-223.30	233.47	163.03	5.02
11467.00	2.44	234.78	11445.22	-223.33	68.13	-223.33	233.49	163.04	3.43
11468.00	2.47	234.01	11446.22	-223.35	68.09	-223.35	233.50	163.05	4.95
11469.00	2.40	235.03	11447.22	-223.38	68.06	-223.38	233.51	163.06	8.41
11470.00	2.42	234.49	11448.22	-223.40	68.02	-223.40	233.53	163.07	3.31
11471.00	2.39	234.98	11449.21	-223.42	67.99	-223.42	233.54	163.07	4.48
11472.00	2.38	235.09	11450.21	-223.45	67.95	-223.45	233.55	163.08	1.00
11473.00	2.42	234.16	11451.21	-223.47	67.92	-223.47	233.57	163.09	5.64
11474.00	2.40	234.37	11452.21	-223.50	67.89	-223.50	233.58	163.10	1.58
11475.00	2.34	235.34	11453.21	-223.52	67.85	-223.52	233.59	163.11	7.55
11476.00	2.42	233.95	11454.21	-223.54	67.82	-223.54	233.61	163.12	9.75
11477.00	2.34	235.67	11455.21	-223.57	67.78	-223.57	233.62	163.13	10.76
11478.00	2.38	234.32	11456.21	-223.59	67.75	-223.59	233.63	163.14	7.18
11479.00	2.40	234.05	11457.21	-223.62	67.72	-223.62	233.65	163.15	2.26
11480.00	2.40	234.05	11458.21	-223.64	67.68	-223.64	233.66	163.16	0.60
11481.00	2.36	234.73	11459.21	-223.67	67.65	-223.67	233.67	163.17	4.43
11482.00	2.33	235.52	11460.21	-223.69	67.62	-223.69	233.68	163.18	4.95
11483.00	2.35	234.79	11461.20	-223.71	67.58	-223.71	233.70	163.19	3.68
11484.00	2.36	234.41	11462.20	-223.74	67.55	-223.74	233.71	163.20	1.92
11485.00	2.31	235.32	11463.20	-223.76	67.52	-223.76	233.72	163.21	5.92
11486.00	2.36	234.01	11464.20	-223.78	67.48	-223.78	233.74	163.22	7.13
11487.00	2.30	235.11	11465.20	-223.81	67.45	-223.81	233.75	163.23	7.21
11488.00	2.27	235.78	11466.20	-223.83	67.42	-223.83	233.76	163.24	4.08
11489.00	2.32	234.29	11467.20	-223.85	67.38	-223.85	233.77	163.25	7.87
11490.00	2.31	234.24	11468.20	-223.88	67.35	-223.88	233.79	163.26	1.10
11491.00	2.25	235.32	11469.20	-223.90	67.32	-223.90	233.80	163.27	7.36
11492.00	2.31	233.79	11470.20	-223.92	67.29	-223.92	233.81	163.28	8.57
11493.00	2.25	235.10	11471.20	-223.95	67.25	-223.95	233.83	163.28	8.04
11494.00	2.21	235.76	11472.20	-223.97	67.22	-223.97	233.84	163.29	4.54
11495.00	2.26	234.16	11473.19	-223.99	67.19	-223.99	233.85	163.30	7.68
11496.00	2.25	234.34	11474.19	-224.01	67.16	-224.01	233.86	163.31	1.20
11497.00	2.20	235.15	11475.19	-224.03	67.13	-224.03	233.87	163.32	5.84

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11498.00	2.21	234.68	11476.19	-224.06	67.09	-224.06	233.89	163.33	1.90
11499.00	2.19	234.81	11477.19	-224.08	67.06	-224.08	233.90	163.34	1.77
11500.00	2.20	234.16	11478.19	-224.10	67.03	-224.10	233.91	163.35	2.91
11501.00	2.22	233.46	11479.19	-224.12	67.00	-224.12	233.92	163.36	3.08
11502.00	2.18	234.29	11480.19	-224.15	66.97	-224.15	233.94	163.37	5.00
11503.00	2.20	233.22	11481.19	-224.17	66.94	-224.17	233.95	163.37	4.73
11504.00	2.16	234.27	11482.19	-224.19	66.91	-224.19	233.96	163.38	6.08
11505.00	2.11	235.33	11483.19	-224.21	66.88	-224.21	233.97	163.39	6.23
11506.00	2.14	234.19	11484.19	-224.23	66.85	-224.23	233.99	163.40	5.28
11507.00	2.17	233.09	11485.19	-224.26	66.82	-224.26	234.00	163.41	5.05
11508.00	2.11	234.81	11486.19	-224.28	66.79	-224.28	234.01	163.42	9.00
11509.00	2.14	233.33	11487.18	-224.30	66.76	-224.30	234.02	163.43	6.32
11510.00	2.11	234.21	11488.18	-224.32	66.73	-224.32	234.04	163.43	4.04
11511.00	2.11	234.38	11489.18	-224.34	66.70	-224.34	234.05	163.44	0.85
11512.00	2.11	233.91	11490.18	-224.37	66.67	-224.37	234.06	163.45	1.77
11513.00	2.13	233.03	11491.18	-224.39	66.64	-224.39	234.07	163.46	3.93
11514.00	2.13	233.01	11492.18	-224.41	66.61	-224.41	234.09	163.47	0.12
11515.00	2.11	233.76	11493.18	-224.43	66.58	-224.43	234.10	163.48	3.70
11516.00	2.05	236.44	11494.18	-224.45	66.55	-224.45	234.11	163.49	11.29
11517.00	2.07	235.96	11495.18	-224.47	66.52	-224.47	234.12	163.49	2.62
11518.00	2.11	233.86	11496.18	-224.49	66.49	-224.49	234.13	163.50	8.51
11519.00	2.06	236.90	11497.18	-224.51	66.46	-224.51	234.14	163.51	11.89
11520.00	2.08	234.71	11498.18	-224.54	66.43	-224.54	234.16	163.52	8.16
11521.00	2.06	236.44	11499.18	-224.56	66.40	-224.56	234.17	163.53	6.58
11522.00	2.05	239.50	11500.18	-224.57	66.37	-224.57	234.18	163.54	11.10
11523.00	2.06	236.68	11501.18	-224.59	66.34	-224.59	234.19	163.54	10.27
11524.00	2.04	240.25	11502.17	-224.61	66.31	-224.61	234.20	163.55	12.96
11525.00	2.04	240.92	11503.17	-224.63	66.28	-224.63	234.20	163.56	2.43
11526.00	2.04	239.99	11504.17	-224.65	66.25	-224.65	234.21	163.57	3.35
11527.00	2.04	243.00	11505.17	-224.66	66.21	-224.66	234.22	163.58	10.72
11528.00	2.02	242.51	11506.17	-224.68	66.18	-224.68	234.23	163.59	2.73
11529.00	2.03	245.33	11507.17	-224.70	66.15	-224.70	234.23	163.60	10.06
11530.00	2.05	248.02	11508.17	-224.71	66.12	-224.71	234.24	163.60	9.71
11531.00	2.03	247.21	11509.17	-224.72	66.09	-224.72	234.24	163.61	3.48
11532.00	1.99	247.69	11510.17	-224.74	66.05	-224.74	234.24	163.62	3.85
11533.00	2.09	252.87	11511.17	-224.75	66.02	-224.75	234.25	163.63	20.83
11534.00	2.03	250.72	11512.17	-224.76	65.99	-224.76	234.25	163.64	9.88
11535.00	2.09	255.63	11513.17	-224.77	65.95	-224.77	234.25	163.65	18.73
11536.00	2.16	260.03	11514.17	-224.78	65.91	-224.78	234.24	163.66	17.87
11537.00	2.09	258.43	11515.17	-224.79	65.88	-224.79	234.24	163.67	9.19

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11538.00	2.11	260.77	11516.17	-224.79	65.84	-224.79	234.24	163.67	8.64
11539.00	2.14	263.32	11517.16	-224.80	65.81	-224.80	234.23	163.68	10.26
11540.00	2.24	267.92	11518.16	-224.80	65.77	-224.80	234.22	163.69	19.77
11541.00	2.34	272.59	11519.16	-224.80	65.73	-224.80	234.21	163.70	21.39
11542.00	2.35	273.43	11520.16	-224.80	65.69	-224.80	234.20	163.71	3.62
11543.00	2.37	275.24	11521.16	-224.79	65.65	-224.79	234.18	163.72	7.72
11544.00	2.40	277.20	11522.16	-224.79	65.60	-224.79	234.17	163.73	8.71
11545.00	2.47	279.93	11523.16	-224.78	65.56	-224.78	234.15	163.74	13.39
11546.00	2.65	284.73	11524.16	-224.77	65.52	-224.77	234.13	163.75	28.25
11547.00	2.85	289.19	11525.16	-224.76	65.47	-224.76	234.10	163.76	29.39
11548.00	2.81	289.14	11526.16	-224.74	65.43	-224.74	234.07	163.77	4.50
11549.00	2.80	289.99	11527.16	-224.73	65.38	-224.73	234.04	163.78	4.32
11550.00	2.89	291.96	11528.15	-224.71	65.33	-224.71	234.01	163.79	13.50
11551.00	3.04	294.61	11529.15	-224.69	65.29	-224.69	233.98	163.80	20.14
11552.00	3.22	297.38	11530.15	-224.67	65.24	-224.67	233.95	163.81	23.21
11553.00	3.36	299.24	11531.15	-224.64	65.19	-224.64	233.91	163.82	17.85
11554.00	3.41	300.77	11532.15	-224.61	65.14	-224.61	233.86	163.83	10.61
11555.00	3.61	303.00	11533.15	-224.58	65.08	-224.58	233.82	163.84	23.93
11556.00	3.73	304.44	11534.14	-224.54	65.03	-224.54	233.77	163.85	15.28
11557.00	3.66	304.93	11535.14	-224.50	64.98	-224.50	233.72	163.86	8.02
11558.00	4.06	308.05	11536.14	-224.46	64.92	-224.46	233.66	163.87	44.94
11559.00	4.12	309.13	11537.14	-224.42	64.87	-224.42	233.61	163.88	9.73
11560.00	4.01	309.29	11538.13	-224.37	64.81	-224.37	233.55	163.89	10.51
11561.00	4.37	311.80	11539.13	-224.33	64.76	-224.33	233.49	163.90	39.89
11562.00	4.36	312.32	11540.13	-224.28	64.70	-224.28	233.42	163.91	4.10
11563.00	4.41	313.16	11541.13	-224.22	64.64	-224.22	233.36	163.92	8.55
11564.00	4.56	314.40	11542.12	-224.17	64.59	-224.17	233.29	163.93	18.10
11565.00	5.10	317.75	11543.12	-224.11	64.53	-224.11	233.21	163.94	60.33
11566.00	4.91	317.05	11544.12	-224.05	64.47	-224.05	233.14	163.95	20.14
11567.00	5.33	319.45	11545.11	-223.98	64.41	-223.98	233.06	163.96	47.14
11568.00	5.11	318.83	11546.11	-223.91	64.35	-223.91	232.97	163.97	22.34
11569.00	5.51	320.96	11547.10	-223.84	64.29	-223.84	232.89	163.97	44.83
11570.00	5.82	322.42	11548.10	-223.76	64.23	-223.76	232.80	163.98	33.62
11571.00	5.59	321.89	11549.09	-223.68	64.17	-223.68	232.71	163.99	23.40
11572.00	6.11	323.85	11550.09	-223.60	64.11	-223.60	232.61	164.00	56.08
11573.00	6.14	324.18	11551.08	-223.52	64.05	-223.52	232.51	164.01	4.66
11574.00	6.06	324.37	11552.08	-223.43	63.98	-223.43	232.41	164.02	8.65
11575.00	6.66	326.11	11553.07	-223.34	63.92	-223.34	232.31	164.03	62.97
11576.00	6.81	326.81	11554.06	-223.24	63.86	-223.24	232.19	164.04	17.17
11577.00	6.72	326.91	11555.06	-223.14	63.79	-223.14	232.08	164.05	9.34

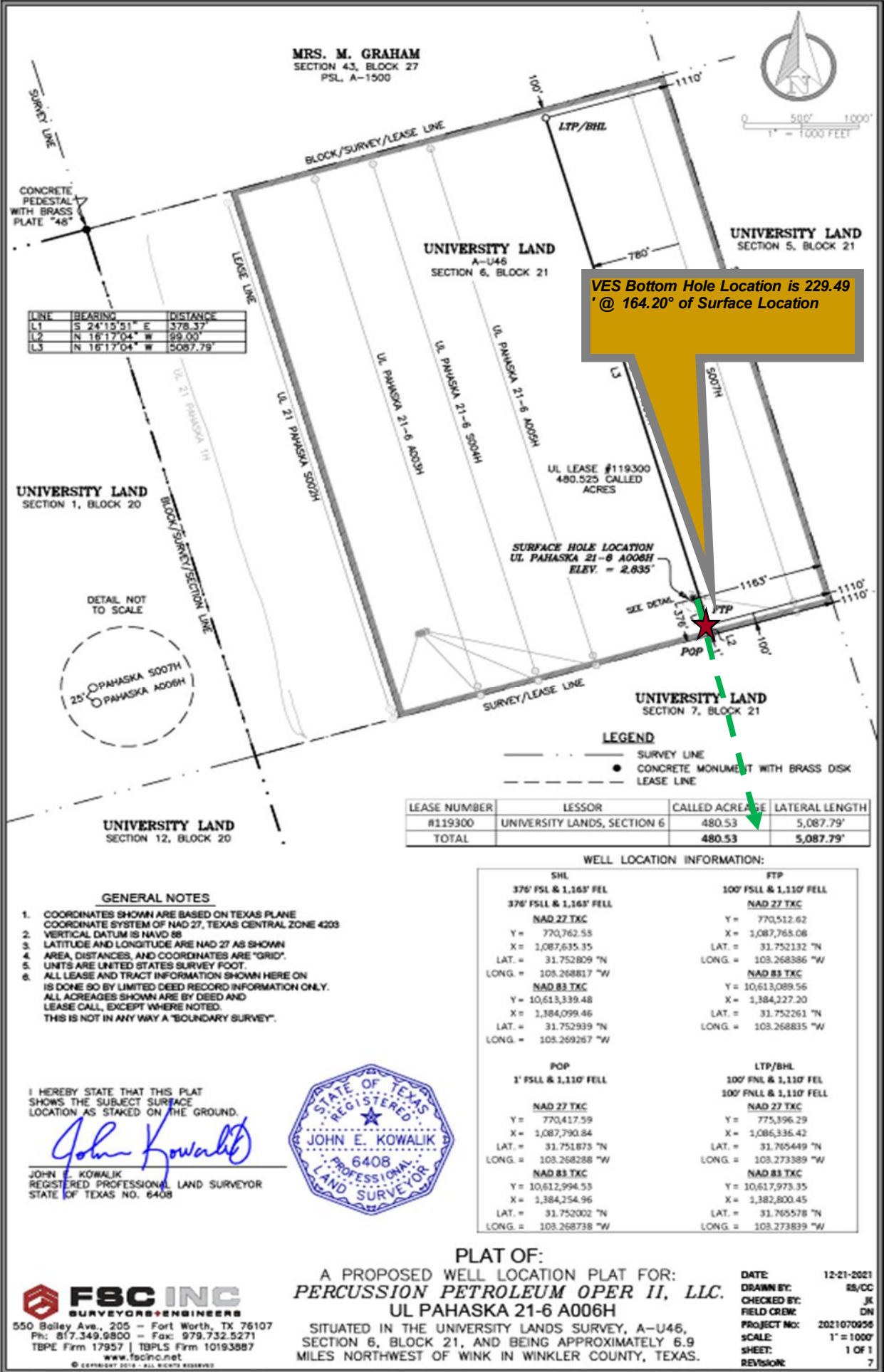
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
11578.00	6.79	327.44	11556.05	-223.04	63.73	-223.04	231.97	164.05	9.69
11579.00	6.98	328.00	11557.04	-222.94	63.66	-222.94	231.85	164.06	19.45
11580.00	7.19	328.50	11558.03	-222.84	63.60	-222.84	231.73	164.07	22.21
11581.00	7.54	329.14	11559.03	-222.73	63.53	-222.73	231.61	164.08	35.84
11582.00	7.53	329.35	11560.02	-222.61	63.47	-222.61	231.48	164.09	2.78
11583.00	7.97	329.96	11561.01	-222.50	63.40	-222.50	231.35	164.10	45.12
11584.00	8.32	330.39	11562.00	-222.38	63.33	-222.38	231.22	164.10	34.92
11585.00	8.42	330.71	11562.99	-222.25	63.26	-222.25	231.07	164.11	11.44
11586.00	8.63	331.08	11563.98	-222.12	63.18	-222.12	230.93	164.12	21.39
11587.00	9.09	331.44	11564.97	-221.98	63.11	-221.98	230.78	164.13	46.48
11588.00	8.82	331.65	11565.95	-221.85	63.03	-221.85	230.63	164.14	26.78
11589.00	8.89	331.93	11566.94	-221.71	62.96	-221.71	230.48	164.15	7.74
11590.00	9.47	332.17	11567.93	-221.57	62.89	-221.57	230.32	164.15	58.07
11591.00	9.39	332.36	11568.91	-221.43	62.81	-221.43	230.16	164.16	8.40
11592.00	9.75	332.54	11569.90	-221.28	62.73	-221.28	230.00	164.17	36.18
11593.00	9.82	332.81	11570.89	-221.13	62.66	-221.13	229.83	164.18	7.86
11594.00	10.01	333.02	11571.87	-220.97	62.58	-220.97	229.66	164.19	20.01
11595.00	9.88	333.11	11572.86	-220.82	62.50	-220.82	229.49	164.20	13.11

HORIZONTAL DISPLACEMENT IS
229.49 FEET AT 164.20 DEGREES



I Casey Gerhards certify that I am employed by Vaughn Energy Services Inc.
That I did on the day(s) of 5/6/2022 conduct or supervise the taking of a
Rate Gyro survey from a depth of 0.00 feet to a depth of 11,595.00
feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Vaughn Energy Services
Inc., that I am authorized and qualified to make this report; that this survey was conducted at the request of
Percussion Petroleum for the UL Pahaska 21-6 A006H
API# 42-495-34657 in Texas County/ Parish Winkler
; and I have reviewed this report and find that it conforms to the principles and procedures as set forth by Vaughn
Energy Services Inc.

Service Technician
Vaughn Energy Services Inc.



VES Bottom Hole Location is 229.49'
@ 164.20° of Surface Location

VES Bottom Hole
Location is

229.49' @ 164.20°

of Surface
Location

MD / FT 11595'
North / FT South / FT
220.82'



11572.86' TVD / FT
East / FT West / FT
62.50'

Percussion Petroleum II, LLC

Winkler Co., TX (NAD-27)

UL Pahaska East Pad

UL Pahaska 21-6 A006H

OH

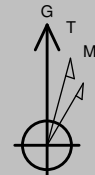
Design: OH

TRRC Certified Surveys

12 April, 2022



Project: Winkler Co., TX (NAD-27)
 Site: UL Pahaska East Pad
 Well: UL Pahaska 21-6 A006H
 Wellbore: OH
 Design: OH
 Lat: 31.752809
 Long: -103.268817
 GL: 2834.00
 KB: RKB @ 2859.00usft (Scan Vision)

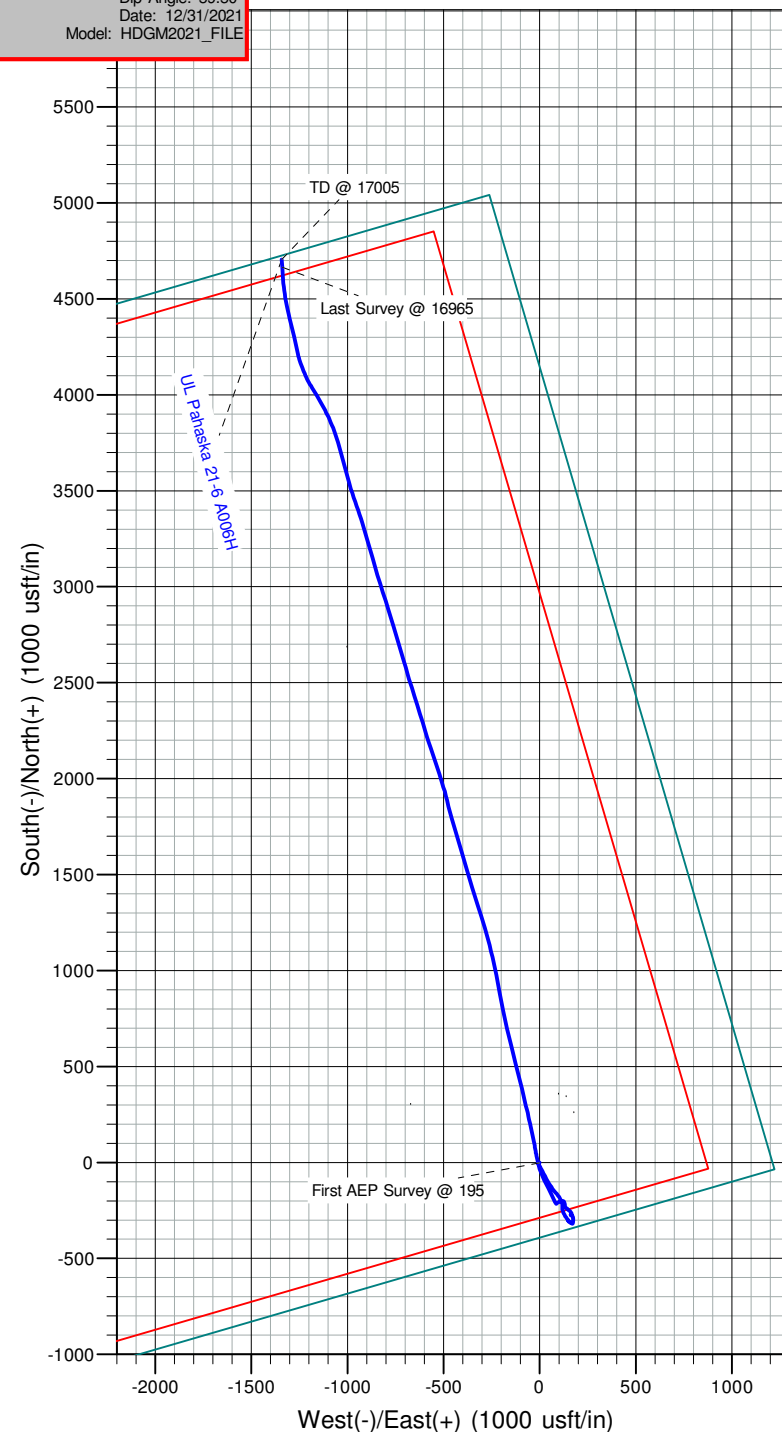
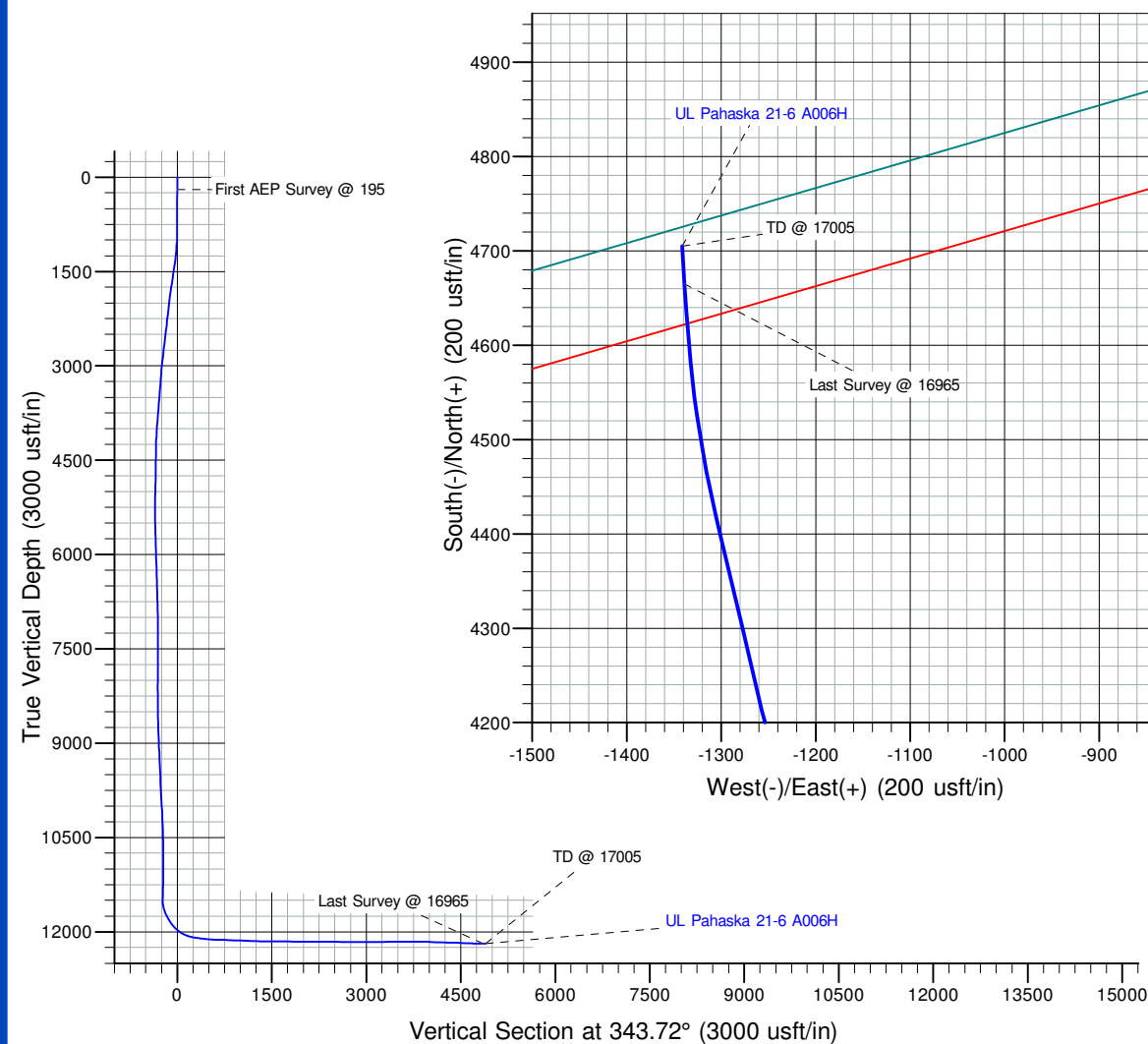


Azimuths to Grid North
 True North: 1.51°
 Magnetic North: 8.13°
 Magnetic Field
 Strength: 47156.3nT
 Dip Angle: 59.50°
 Date: 12/31/2021
 Model: HDGM2021_FILE

WELL DETAILS: UL Pahaska 21-6 A006H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	770762.53	1087635.35	31.752809	-103.268817

Last Survey @ 16965 MD, 12189.27 TVD, 4665.09 N/S, -1338.8 E/W
 TD @ 17005 MD, 12190.29 TVD, 4705.01 N/S, -1341.13 E/W



TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Pahaska 21-6 A006H
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2859.00usft (Scan Vision)
Site:	UL Pahaska East Pad	MD Reference:	RKB @ 2859.00usft (Scan Vision)
Well:	UL Pahaska 21-6 A006H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Project	Winkler Co., TX (NAD-27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Texas Central 4203		

Site		UL Pahaska East Pad			
Site Position:		Northing:	770,762.53 usft	Latitude:	31.752809
From:	Map	Easting:	1,087,635.35 usft	Longitude:	-103.268817
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.51 °

Well	UL Pahaska 21-6 A006H					
Well Position	+N/-S	0.00 usft	Northing:	770,762.53 usft	Latitude:	31.752809
	+E/-W	0.00 usft	Easting:	1,087,635.35 usft	Longitude:	-103.268817
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,834.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	12/31/2021	6.62	59.50	47,156.30000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	343.72	

Survey Program	Date	4/12/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
195.00	17,005.00	MWD Surveys (OH)	MWD+HRGM	OWSG MWD + HRGM	

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195.00	0.91	225.72	194.99	-1.08	-1.11	1.55	225.72	
First AEP Survey @ 195								
370.00	0.75	224.11	369.97	-2.87	-2.90	4.08	225.27	
577.00	0.67	229.71	576.96	-4.63	-4.77	6.64	225.84	
770.00	0.38	230.87	769.95	-5.76	-6.12	8.41	226.74	
864.00	0.12	228.61	863.95	-6.02	-6.44	8.82	226.91	
959.00	0.83	142.20	958.94	-6.63	-6.09	9.01	222.56	
1,053.00	3.22	150.82	1,052.88	-9.48	-4.39	10.44	204.84	
1,147.00	4.80	158.66	1,146.65	-15.45	-1.67	15.54	186.17	
1,242.00	6.24	151.95	1,241.20	-23.71	2.21	23.81	174.69	
1,336.00	7.72	150.59	1,334.51	-33.71	7.71	34.58	167.12	

TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Pahaska 21-6 A006H
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2859.00usft (Scan Vision)
Site:	UL Pahaska East Pad	MD Reference:	RKB @ 2859.00usft (Scan Vision)
Well:	UL Pahaska 21-6 A006H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
1,431.00	8.42	151.54	1,428.56	-45.39	14.16	47.54	162.68	
1,525.00	8.82	153.10	1,521.50	-57.86	20.70	61.45	160.32	
1,619.00	9.00	152.70	1,614.37	-70.83	27.33	75.91	158.90	
1,714.00	9.18	151.27	1,708.18	-84.07	34.38	90.83	157.76	
1,809.00	8.12	151.06	1,802.09	-96.59	41.27	105.04	156.87	
1,903.00	8.20	147.31	1,895.14	-108.04	48.10	118.27	156.00	
1,998.00	6.79	145.98	1,989.33	-118.40	54.90	130.51	155.12	
2,093.00	6.37	148.43	2,083.70	-127.54	60.80	141.30	154.51	
2,187.00	6.69	145.08	2,177.09	-136.48	66.67	151.89	153.96	
2,282.00	7.09	140.25	2,271.41	-145.52	73.59	163.07	153.18	
2,377.00	7.54	136.99	2,365.63	-154.59	81.59	174.79	152.18	
2,471.00	7.29	142.19	2,458.85	-163.81	89.45	186.64	151.36	
2,566.00	7.24	141.97	2,553.09	-173.29	96.83	198.50	150.80	
2,661.00	6.75	152.95	2,647.38	-182.97	103.06	210.00	150.61	
2,756.00	6.30	156.46	2,741.77	-192.72	107.68	220.77	150.81	
2,850.00	6.82	151.54	2,835.15	-202.36	112.40	231.48	150.95	
2,944.00	6.72	165.25	2,928.50	-212.59	116.46	242.40	151.28	
3,039.00	5.84	179.11	3,022.94	-222.79	117.95	252.09	152.10	
3,133.00	4.61	182.47	3,116.55	-231.35	117.86	259.64	153.00	
3,228.00	4.25	177.62	3,211.26	-238.68	117.84	266.19	153.72	
3,322.00	4.51	167.23	3,304.99	-245.77	118.81	272.98	154.20	
3,417.00	4.49	161.06	3,399.70	-252.93	120.84	280.31	154.46	
3,511.00	4.29	157.32	3,493.42	-259.65	123.39	287.48	154.58	
3,606.00	4.41	153.94	3,588.15	-266.21	126.36	294.68	154.61	
3,701.00	4.35	154.51	3,682.87	-272.74	129.52	301.93	154.60	
3,795.00	4.39	148.36	3,776.60	-279.02	132.94	309.07	154.52	
3,890.00	4.60	144.92	3,871.31	-285.24	137.04	316.45	154.34	
3,984.00	4.91	141.93	3,964.98	-291.49	141.68	324.10	154.08	
4,079.00	4.57	146.09	4,059.66	-297.83	146.30	331.82	153.84	
4,173.00	2.32	158.78	4,153.48	-302.71	149.08	337.43	153.78	
4,268.00	1.29	154.24	4,248.43	-305.47	150.24	340.41	153.81	
4,363.00	0.93	149.26	4,343.42	-307.09	151.10	342.25	153.80	
4,457.00	1.06	126.29	4,437.40	-308.26	152.19	343.78	153.72	
4,552.00	1.80	117.83	4,532.37	-309.48	154.22	345.78	153.51	
4,646.00	2.14	119.59	4,626.32	-311.04	157.05	348.44	153.21	
4,740.00	1.01	118.40	4,720.28	-312.30	159.30	350.58	152.97	
4,835.00	1.18	116.74	4,815.26	-313.14	160.91	352.06	152.80	
4,929.00	1.13	123.87	4,909.24	-314.09	162.55	353.66	152.64	
5,023.00	1.33	126.18	5,003.22	-315.25	164.20	355.45	152.49	
5,117.00	1.35	126.74	5,097.20	-316.55	165.97	357.42	152.33	
5,144.00	1.39	128.75	5,124.19	-316.95	166.48	358.01	152.29	
5,299.00	1.27	113.15	5,279.15	-318.80	169.52	361.07	152.00	
5,394.00	1.37	31.67	5,374.13	-318.25	171.09	361.32	151.74	
5,488.00	1.77	14.31	5,468.09	-315.89	172.03	359.69	151.43	

TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Pahaska 21-6 A006H
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2859.00usft (Scan Vision)
Site:	UL Pahaska East Pad	MD Reference:	RKB @ 2859.00usft (Scan Vision)
Well:	UL Pahaska 21-6 A006H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
5,583.00	1.63	5.92	5,563.05	-313.12	172.54	357.51	151.14	
5,677.00	1.91	15.01	5,657.01	-310.28	173.08	355.29	150.85	
5,772.00	1.71	15.28	5,751.96	-307.38	173.86	353.15	150.51	
5,866.00	1.98	8.63	5,845.91	-304.42	174.48	350.88	150.18	
5,961.00	2.09	354.80	5,940.85	-301.07	174.57	348.02	149.89	
6,055.00	2.16	1.64	6,034.79	-297.60	174.46	344.96	149.62	
6,150.00	2.11	356.54	6,129.72	-294.06	174.41	341.89	149.33	
6,244.00	1.69	354.90	6,223.67	-290.95	174.18	339.11	149.09	
6,339.00	1.29	347.91	6,318.64	-288.51	173.83	336.83	148.93	
6,434.00	1.33	349.01	6,413.61	-286.38	173.40	334.79	148.81	
6,528.00	1.80	358.86	6,507.58	-283.84	173.16	332.49	148.61	
6,622.00	1.53	323.47	6,601.54	-281.35	172.38	329.96	148.50	
6,717.00	1.61	310.92	6,696.50	-279.46	170.62	327.43	148.59	
6,811.00	1.66	310.43	6,790.47	-277.71	168.59	324.88	148.74	
6,906.00	1.67	328.18	6,885.43	-275.64	166.81	322.19	148.82	
7,000.00	1.04	334.56	6,979.40	-273.71	165.72	319.97	148.81	
7,095.00	0.81	305.42	7,074.39	-272.54	164.80	318.49	148.84	
7,190.00	0.48	318.78	7,169.38	-271.85	163.99	317.49	148.90	
7,284.00	0.83	308.13	7,263.38	-271.14	163.20	316.46	148.96	
7,378.00	0.88	305.01	7,357.37	-270.30	162.07	315.17	149.05	
7,473.00	0.71	178.51	7,452.36	-270.47	161.49	315.01	149.16	
7,567.00	0.87	173.56	7,546.35	-271.76	161.58	316.17	149.27	
7,661.00	0.48	152.44	7,640.35	-272.82	161.85	317.22	149.32	
7,756.00	0.50	185.24	7,735.34	-273.59	161.99	317.95	149.37	
7,851.00	0.47	138.07	7,830.34	-274.29	162.21	318.67	149.40	
7,945.00	0.43	112.52	7,924.34	-274.71	162.80	319.33	149.35	
8,040.00	0.48	135.58	8,019.33	-275.13	163.41	320.00	149.29	
8,134.00	0.16	29.97	8,113.33	-275.30	163.75	320.32	149.26	
8,228.00	0.37	9.30	8,207.33	-274.89	163.86	320.02	149.20	
8,323.00	0.52	32.25	8,302.33	-274.22	164.14	319.59	149.10	
8,418.00	0.74	10.94	8,397.32	-273.25	164.49	318.94	148.95	
8,512.00	0.75	22.31	8,491.32	-272.09	164.84	318.12	148.79	
8,607.00	1.36	10.86	8,586.30	-270.40	165.29	316.92	148.56	
8,701.00	1.46	9.71	8,680.27	-268.13	165.70	315.20	148.28	
8,796.00	1.67	354.09	8,775.24	-265.56	165.76	313.05	148.03	
8,890.00	2.27	336.97	8,869.18	-262.48	164.89	309.98	147.86	
8,985.00	2.55	322.14	8,964.10	-259.08	162.86	306.02	147.85	
9,080.00	3.22	309.69	9,058.98	-255.71	159.51	301.38	148.05	
9,174.00	3.51	309.60	9,152.81	-252.19	155.26	296.15	148.38	
9,268.00	2.85	316.45	9,246.67	-248.66	151.43	291.14	148.66	
9,363.00	2.57	317.04	9,341.56	-245.39	148.35	286.75	148.84	
9,457.00	2.65	305.75	9,435.47	-242.58	145.15	282.69	149.11	
9,552.00	2.75	304.37	9,530.36	-240.01	141.49	278.61	149.48	
9,646.00	2.65	311.91	9,624.26	-237.29	138.01	274.50	149.82	
9,740.00	2.74	323.00	9,718.15	-234.04	135.04	270.21	150.02	

TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Pahaska 21-6 A006H
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2859.00usft (Scan Vision)
Site:	UL Pahaska East Pad	MD Reference:	RKB @ 2859.00usft (Scan Vision)
Well:	UL Pahaska 21-6 A006H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
9,835.00	3.33	344.19	9,813.02	-229.57	132.92	265.28	149.93	
9,930.00	3.59	347.65	9,907.85	-224.01	131.53	259.77	149.58	
10,024.00	3.79	347.10	10,001.65	-218.11	130.21	254.02	149.16	
10,119.00	3.17	352.92	10,096.48	-212.44	129.19	248.64	148.70	
10,213.00	2.80	346.04	10,190.35	-207.63	128.31	244.08	148.28	
10,308.00	2.22	327.74	10,285.26	-203.83	126.77	240.03	148.12	
10,402.00	2.14	301.93	10,379.20	-201.36	124.31	236.64	148.31	
10,496.00	2.18	270.21	10,473.13	-200.42	121.03	234.13	148.87	
10,591.00	1.83	253.88	10,568.08	-200.84	117.77	232.82	149.61	
10,685.00	1.23	259.71	10,662.04	-201.43	115.33	232.12	150.21	
10,780.00	1.68	262.67	10,757.01	-201.79	112.95	231.25	150.76	
10,875.00	1.94	256.50	10,851.96	-202.35	110.00	230.32	151.47	
10,969.00	1.82	253.61	10,945.91	-203.14	107.02	229.61	152.22	
11,063.00	1.74	258.06	11,039.87	-203.86	104.20	228.94	152.93	
11,158.00	2.31	247.16	11,134.81	-204.90	101.02	228.45	153.76	
11,252.00	2.50	245.60	11,228.73	-206.48	97.41	228.30	154.74	
11,347.00	2.90	236.05	11,323.62	-208.68	93.53	228.68	155.86	
11,444.00	2.98	236.02	11,420.49	-211.46	89.40	229.58	157.08	
11,550.00	2.16	232.06	11,526.38	-214.23	85.54	230.67	158.23	
11,645.00	13.38	334.83	11,620.53	-205.33	79.42	220.16	158.85	
11,739.00	26.68	335.69	11,708.65	-176.13	66.05	188.11	159.44	
11,834.00	29.73	332.83	11,792.36	-135.72	46.51	143.47	161.08	
11,928.00	37.02	334.52	11,870.81	-89.38	23.66	92.46	165.17	
12,022.00	43.45	340.98	11,942.56	-33.19	0.92	33.20	178.42	
12,117.00	55.87	350.10	12,004.01	36.79	-16.58	40.35	335.74	
12,211.00	66.44	348.22	12,049.30	117.52	-32.11	121.83	344.72	
12,305.00	76.59	348.03	12,079.07	204.65	-50.43	210.77	346.16	
12,400.00	81.20	346.24	12,097.36	295.50	-71.19	303.95	346.45	
12,493.00	84.17	346.71	12,109.20	385.17	-92.76	396.19	346.46	
12,533.00	83.58	346.06	12,113.47	423.83	-102.12	435.96	346.45	
12,627.00	85.33	346.05	12,122.55	514.63	-124.67	529.51	346.38	
12,721.00	87.63	346.18	12,128.32	605.70	-147.18	623.33	346.34	
12,817.00	90.07	346.53	12,130.25	698.97	-169.82	719.30	346.34	
12,912.00	88.02	349.29	12,131.83	791.83	-189.72	814.24	346.53	
13,006.00	87.29	348.65	12,135.68	884.02	-207.69	908.09	346.78	
13,101.00	87.94	349.21	12,139.63	977.17	-225.91	1,002.94	346.98	
13,196.00	87.86	347.42	12,143.11	1,070.13	-245.14	1,097.85	347.10	
13,290.00	87.97	344.59	12,146.53	1,161.27	-267.85	1,191.76	347.01	
13,480.00	89.62	342.20	12,150.53	1,343.29	-322.13	1,381.37	346.51	
13,575.00	89.37	342.37	12,151.37	1,433.78	-351.04	1,476.13	346.24	
13,670.00	89.23	344.17	12,152.53	1,524.75	-378.38	1,571.00	346.06	
13,764.00	89.31	344.07	12,153.72	1,615.15	-404.10	1,664.94	345.95	
13,858.00	89.29	343.58	12,154.87	1,705.43	-430.28	1,758.87	345.84	
13,952.00	89.51	343.39	12,155.86	1,795.54	-457.00	1,852.79	345.72	

TRRC Certified Surveys

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Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2859.00usft (Scan Vision)
Site:	UL Pahaska East Pad	MD Reference:	RKB @ 2859.00usft (Scan Vision)
Well:	UL Pahaska 21-6 A006H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
14,047.00	89.93	346.16	12,156.32	1,887.20	-481.95	1,947.77	345.67	
14,142.00	89.82	342.81	12,156.53	1,978.72	-507.36	2,042.73	345.62	
14,236.00	88.81	341.23	12,157.65	2,068.12	-536.37	2,136.55	345.46	
14,331.00	89.43	341.40	12,159.11	2,158.11	-566.80	2,231.30	345.28	
14,424.00	89.76	343.43	12,159.77	2,246.75	-594.90	2,324.18	345.17	
14,519.00	89.96	342.32	12,160.00	2,337.54	-622.87	2,419.10	345.08	
14,614.00	89.43	343.86	12,160.51	2,428.43	-650.50	2,514.04	345.00	
14,708.00	88.92	342.04	12,161.86	2,518.28	-678.06	2,607.97	344.93	
14,804.00	89.96	344.35	12,162.80	2,610.17	-705.81	2,703.91	344.87	
14,899.00	89.54	342.99	12,163.21	2,701.33	-732.52	2,798.89	344.83	
14,993.00	90.43	343.42	12,163.24	2,791.32	-759.68	2,892.85	344.78	
15,088.00	90.38	343.01	12,162.57	2,882.27	-787.11	2,987.82	344.73	
15,182.00	89.82	341.99	12,162.40	2,971.92	-815.38	3,081.75	344.66	
15,276.00	90.10	343.34	12,162.47	3,061.65	-843.39	3,175.69	344.60	
15,369.00	91.22	343.81	12,161.40	3,150.85	-869.68	3,268.67	344.57	
15,463.00	90.99	343.89	12,159.58	3,241.12	-895.82	3,362.64	344.55	
15,558.00	90.29	343.38	12,158.52	3,332.27	-922.59	3,457.62	344.52	
15,652.00	89.09	340.00	12,159.03	3,421.49	-952.11	3,551.49	344.45	
15,746.00	89.68	343.16	12,160.04	3,510.66	-981.81	3,645.36	344.38	
15,841.00	90.63	344.94	12,159.78	3,602.00	-1,007.91	3,740.36	344.37	
15,935.00	90.04	344.72	12,159.23	3,692.72	-1,032.51	3,834.35	344.38	
16,029.00	89.59	342.10	12,159.54	3,782.80	-1,059.35	3,928.33	344.36	
16,123.00	87.88	336.66	12,161.61	3,870.72	-1,092.43	4,021.92	344.24	
16,218.00	88.02	330.14	12,165.02	3,955.56	-1,134.92	4,115.15	343.99	
16,313.00	87.74	328.48	12,168.53	4,037.20	-1,183.37	4,207.06	343.66	
16,408.00	88.16	337.04	12,171.94	4,121.53	-1,226.78	4,300.23	343.42	
16,503.00	88.75	346.45	12,174.50	4,211.61	-1,256.49	4,395.05	343.39	
16,597.00	87.72	347.14	12,177.40	4,303.08	-1,277.96	4,488.84	343.46	
16,693.00	87.75	346.14	12,181.19	4,396.41	-1,300.12	4,584.62	343.53	
16,788.00	87.89	350.05	12,184.81	4,489.28	-1,319.70	4,679.24	343.62	
16,881.00	88.92	354.42	12,187.40	4,581.37	-1,332.26	4,771.15	343.79	
16,965.00	88.53	356.65	12,189.27	4,665.09	-1,338.80	4,853.39	343.99	
Last Survey @ 16965								
17,005.00	88.53	356.65	12,190.29	4,705.01	-1,341.13	4,892.42	344.09	
TD @ 17005								

TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Pahaska 21-6 A006H
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2859.00usft (Scan Vision)
Site:	UL Pahaska East Pad	MD Reference:	RKB @ 2859.00usft (Scan Vision)
Well:	UL Pahaska 21-6 A006H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
195.00	194.99	-1.08	-1.11	First AEP Survey @ 195
16,965.00	12,189.27	4,665.09	-1,338.80	Last Survey @ 16965
17,005.00	12,190.29	4,705.01	-1,341.13	TD @ 17005

Checked By: _____ Approved By: _____ Date: _____



ALTITUDE ENERGY PARTNERS LLC. SURVEY DATA CERTIFICATION

ALTITUDE JOB NUMBER		AEP-PB-220063		OPERATOR	Percussion Petroleum		
WELL NAME	UL Pahasha 21-6 A006H			COUNTY & STATE		Winkler, TX	
API WELL NUMBER		42-495-34657			PROPOSED DIRECTION		343.72
Latitude	31.752809		Longitude	-103.268818			

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
0	0	0	0	0	0	Ground Level
FIRST	FIRST				SURVEY INSTRUMENT	
SURVEY	SURVEY				TYPE	
DATE	DEPTH	INCLIN	AZIMUTH		MWD	
02/01/2022	195	0.91	225.72	MAGNETIC DECLINATION OR TOTAL GRID		
LAST	LAST			TOTAL CORRECTION USED		6.62
SURVEY	SURVEY			DECLINATION OR GRID		Grid
DATE	DEPTH	INCLIN	AZIMUTH			
03/10/2022	16965	88.53	356.65			
PROJECTED	PROJECTED					
TD SURVEY	TD SURVEY					
DATE	DEPTH	INCLIN	AZIMUTH			
03/10/2022	17005	88.53	356.65			

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Altitude Energy Partners LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.

Jacob Cramer

PRINT MWD NAME ABOVE

Jacob Cramer

SIGN MWD NAME ABOVE

03/10/2022

TODAY'S DATE