



## Directional Survey Report

Company: **Diamondback E&P LLC**  
 Well: **UL Cuckoo Bee 5-19 G 3LS**  
 County: **Andrews**  
 State: **Texas**  
 Field: **Spraberry (Trend Area)**  
 API: **42-003-48400**  
 Rig: **Akita 803**  
 Service Co: **Gordon Technologies, LLC**  
 Job #: **211363**  
 Survey Calc: **Minimum Curvature**

Well Surface Location  
 Latitude: **32.423405**  
 Longitude: **-102.248959**  
 Reference: **NAD 1927**  
 Y (Northing): **308420**  
 X (Easting): **535118**  
 Field Engr: **Anthony Nguyen**  
**Ryan Steglich**

Report Date: **Nov 04 2021**  
 Time: **06:11**  
 Mag Reference: **Grid North**  
 Mag Correction: **8.479**  
 Vert Sect. Azi: **167.50**  
 Perm Datum: **Mean Sea Level**  
 Depth Ref: **Rotary Table**  
 RKB Height: **31**  
 GL Elev: **2960.10**

Survey	MD	Inc	Azimuth	TVD	VS	Rectangular Offsets		Course		Temp	Closure		Source
						NS	EW	Length	DLS		Distance	Azimuth	
Tie In	0	0	0	0	0	0	0	0	0	0	0	0	
1	14.21	0.03	73.96	14.21	0.00	0.00	0.00	14.21	0.19	0.00	0.00	73.96	Imp Svys
2	28.43	0.05	73.94	28.43	0.00	0.00	0.01	14.21	0.19	0.00	0.01	73.95	Imp Svys
3	42.64	0.08	73.92	42.64	0.00	0.01	0.03	14.21	0.19	0.00	0.03	73.94	Imp Svys
4	56.86	0.11	73.90	56.86	0.00	0.01	0.05	14.21	0.19	0.00	0.05	73.92	Imp Svys
5	71.07	0.14	73.88	71.07	-0.01	0.02	0.08	14.21	0.19	0.00	0.08	73.91	Imp Svys
6	85.29	0.16	73.85	85.29	-0.01	0.03	0.12	14.21	0.19	0.00	0.12	73.90	Imp Svys
7	99.50	0.19	73.83	99.50	-0.01	0.05	0.16	14.21	0.19	0.00	0.17	73.88	Imp Svys
8	113.71	0.22	73.81	113.71	-0.01	0.06	0.21	14.21	0.19	0.00	0.22	73.87	Imp Svys
9	127.93	0.25	73.79	127.93	-0.02	0.08	0.26	14.21	0.19	0.00	0.27	73.85	Imp Svys
10	142.14	0.27	73.77	142.14	-0.02	0.09	0.32	14.21	0.19	0.00	0.34	73.84	Imp Svys
11	156.36	0.30	73.75	156.36	-0.03	0.11	0.39	14.21	0.19	0.00	0.41	73.82	Imp Svys
12	170.57	0.33	73.72	170.57	-0.03	0.14	0.47	14.21	0.19	0.00	0.49	73.81	Imp Svys
13	184.79	0.35	73.70	184.78	-0.04	0.16	0.55	14.21	0.19	0.00	0.57	73.80	Imp Svys
14	199.00	0.38	73.68	199.00	-0.04	0.19	0.64	14.21	0.19	73.40	0.66	73.78	MWD Run 1
15	212.86	0.38	75.71	212.86	-0.05	0.21	0.73	13.86	0.10	0.00	0.75	73.89	Imp Svys
16	226.71	0.38	77.76	226.71	-0.05	0.23	0.81	13.86	0.10	0.00	0.85	74.20	Imp Svys
17	240.57	0.38	79.82	240.57	-0.05	0.25	0.90	13.86	0.10	0.00	0.94	74.65	Imp Svys
18	254.43	0.37	81.90	254.43	-0.04	0.26	0.99	13.86	0.10	0.00	1.03	75.19	Imp Svys
19	268.29	0.37	83.98	268.28	-0.03	0.27	1.08	13.86	0.10	0.00	1.12	75.82	Imp Svys
20	282.14	0.37	86.06	282.14	-0.02	0.28	1.17	13.86	0.10	0.00	1.21	76.51	Imp Svys
21	296.00	0.37	88.14	296.00	-0.01	0.29	1.26	13.86	0.10	73.40	1.30	77.24	MWD Run 1
22	309.00	0.38	88.38	309.00	0.01	0.29	1.35	13.00	0.02	0.00	1.38	77.92	Imp Svys
23	322.00	0.38	88.62	322.00	0.03	0.29	1.43	13.00	0.02	0.00	1.46	78.54	Imp Svys
24	335.00	0.38	88.86	335.00	0.04	0.29	1.52	13.00	0.02	0.00	1.55	79.10	Imp Svys
25	348.00	0.38	89.09	348.00	0.06	0.29	1.61	13.00	0.02	0.00	1.63	79.62	Imp Svys
26	361.00	0.39	89.31	361.00	0.08	0.30	1.69	13.00	0.02	0.00	1.72	80.11	Imp Svys
27	374.00	0.39	89.52	373.99	0.10	0.30	1.78	13.00	0.02	0.00	1.81	80.56	Imp Svys
28	387.00	0.39	89.73	386.99	0.11	0.30	1.87	13.00	0.02	73.40	1.89	80.98	MWD Run 1
29	400.29	0.38	89.79	400.28	0.13	0.30	1.96	13.29	0.08	0.00	1.98	81.37	Imp Svys
30	413.57	0.37	89.85	413.57	0.15	0.30	2.05	13.29	0.08	0.00	2.07	81.72	Imp Svys
31	426.86	0.36	89.91	426.85	0.17	0.30	2.13	13.29	0.08	0.00	2.15	82.04	Imp Svys
32	440.14	0.35	89.97	440.14	0.19	0.30	2.21	13.29	0.08	0.00	2.23	82.33	Imp Svys
33	453.43	0.34	90.02	453.42	0.21	0.30	2.29	13.29	0.08	0.00	2.31	82.59	Imp Svys
34	466.71	0.33	90.08	466.71	0.22	0.30	2.37	13.29	0.08	0.00	2.39	82.83	Imp Svys
35	480.00	0.32	90.14	479.99	0.24	0.30	2.44	13.29	0.08	75.20	2.46	83.05	MWD Run 1
36	493.14	0.31	91.27	493.14	0.25	0.30	2.52	13.14	0.05	0.00	2.53	83.27	Imp Svys
37	506.29	0.31	92.42	506.28	0.27	0.29	2.59	13.14	0.05	0.00	2.60	83.50	Imp Svys
38	519.43	0.31	93.57	519.42	0.29	0.29	2.66	13.14	0.05	0.00	2.67	83.76	Imp Svys
39	532.57	0.31	94.73	532.56	0.31	0.29	2.73	13.14	0.05	0.00	2.74	84.03	Imp Svys
40	545.71	0.31	95.90	545.71	0.33	0.28	2.80	13.14	0.05	0.00	2.81	84.31	Imp Svys
41	558.86	0.31	97.07	558.85	0.36	0.27	2.87	13.14	0.05	0.00	2.88	84.60	Imp Svys
42	572.00	0.31	98.25	571.99	0.38	0.26	2.94	13.14	0.05	75.20	2.95	84.91	MWD Run 1
43	585.14	0.32	98.13	585.13	0.41	0.25	3.01	13.14	0.10	0.00	3.02	85.22	Imp Svys
44	598.29	0.33	98.01	598.28	0.43	0.24	3.08	13.14	0.10	0.00	3.09	85.53	Imp Svys
45	611.43	0.35	97.90	611.42	0.46	0.23	3.16	13.14	0.10	0.00	3.17	85.83	Imp Svys
46	624.57	0.36	97.79	624.56	0.49	0.22	3.24	13.14	0.10	0.00	3.25	86.13	Imp Svys
47	637.71	0.37	97.69	637.70	0.52	0.21	3.32	13.14	0.10	0.00	3.33	86.42	Imp Svys
48	650.86	0.39	97.59	650.85	0.55	0.20	3.41	13.14	0.10	0.00	3.42	86.70	Imp Svys

49	664.00	0.40	97.49	663.99	0.58	0.18	3.50	13.14	0.10	75.20	3.50	86.98	MWD Run 1
50	677.00	0.39	96.63	676.99	0.61	0.17	3.59	13.00	0.10	0.00	3.59	87.23	Imp Svys
51	690.00	0.37	95.71	689.99	0.63	0.16	3.67	13.00	0.10	0.00	3.68	87.44	Imp Svys
52	703.00	0.36	94.72	702.99	0.66	0.16	3.76	13.00	0.10	0.00	3.76	87.61	Imp Svys
53	716.00	0.35	93.66	715.99	0.68	0.15	3.84	13.00	0.10	0.00	3.84	87.75	Imp Svys
54	729.00	0.34	92.52	728.99	0.70	0.15	3.92	13.00	0.10	0.00	3.92	87.85	Imp Svys
55	742.00	0.33	91.30	741.99	0.72	0.14	3.99	13.00	0.10	0.00	3.99	87.93	Imp Svys
56	755.00	0.32	89.98	754.99	0.74	0.14	4.06	13.00	0.10	77.00	4.07	87.98	MWD Run 1
57	768.00	0.31	87.24	767.99	0.75	0.15	4.13	13.00	0.12	0.00	4.14	87.99	Imp Svys
58	781.00	0.31	84.43	780.99	0.76	0.15	4.20	13.00	0.12	0.00	4.21	87.95	Imp Svys
59	794.00	0.31	81.57	793.99	0.77	0.16	4.27	13.00	0.12	0.00	4.28	87.87	Imp Svys
60	807.00	0.30	78.66	806.99	0.77	0.17	4.34	13.00	0.12	0.00	4.35	87.75	Imp Svys
61	820.00	0.30	75.73	819.99	0.77	0.19	4.41	13.00	0.12	0.00	4.41	87.59	Imp Svys
62	833.00	0.30	72.79	832.99	0.77	0.20	4.48	13.00	0.12	0.00	4.48	87.38	Imp Svys
63	846.00	0.30	69.85	845.99	0.76	0.23	4.54	13.00	0.12	77.00	4.55	87.14	MWD Run 1
64	859.14	0.29	70.10	859.13	0.75	0.25	4.60	13.14	0.14	0.00	4.61	86.89	Imp Svys
65	872.29	0.27	70.37	872.27	0.74	0.27	4.66	13.14	0.14	0.00	4.67	86.67	Imp Svys
66	885.43	0.25	70.69	885.41	0.74	0.29	4.72	13.14	0.14	0.00	4.73	86.47	Imp Svys
67	898.57	0.23	71.04	898.56	0.73	0.31	4.77	13.14	0.14	0.00	4.78	86.29	Imp Svys
68	911.71	0.22	71.46	911.70	0.73	0.33	4.82	13.14	0.14	0.00	4.83	86.13	Imp Svys
69	924.86	0.20	71.94	924.84	0.72	0.34	4.87	13.14	0.14	0.00	4.88	85.99	Imp Svys
70	938.00	0.18	72.51	937.99	0.72	0.35	4.91	13.14	0.14	77.00	4.92	85.87	MWD Run 1
71	951.14	0.17	71.45	951.13	0.71	0.37	4.95	13.14	0.05	0.00	4.96	85.76	Imp Svys
72	964.29	0.17	70.31	964.27	0.71	0.38	4.98	13.14	0.05	0.00	5.00	85.65	Imp Svys
73	977.43	0.16	69.10	977.41	0.70	0.39	5.02	13.14	0.05	0.00	5.03	85.53	Imp Svys
74	990.57	0.16	67.80	990.56	0.70	0.41	5.05	13.14	0.05	0.00	5.07	85.40	Imp Svys
75	1003.71	0.15	66.40	1003.70	0.69	0.42	5.09	13.14	0.05	0.00	5.10	85.28	Imp Svys
76	1016.86	0.15	64.90	1016.84	0.68	0.43	5.12	13.14	0.05	0.00	5.14	85.15	Imp Svys
77	1030.00	0.14	63.30	1029.99	0.68	0.45	5.15	13.14	0.05	78.80	5.17	85.02	MWD Run 1
78	1043.29	0.17	64.40	1043.27	0.67	0.47	5.18	13.29	0.22	0.00	5.20	84.87	Imp Svys
79	1056.57	0.20	65.17	1056.56	0.66	0.48	5.22	13.29	0.22	0.00	5.24	84.71	Imp Svys
80	1069.86	0.23	65.75	1069.84	0.65	0.50	5.27	13.29	0.22	0.00	5.29	84.53	Imp Svys
81	1083.14	0.26	66.20	1083.13	0.64	0.53	5.32	13.29	0.22	0.00	5.34	84.34	Imp Svys
82	1096.43	0.29	66.55	1096.41	0.62	0.55	5.38	13.29	0.22	0.00	5.40	84.13	Imp Svys
83	1109.71	0.32	66.84	1109.70	0.61	0.58	5.44	13.29	0.22	0.00	5.47	83.91	Imp Svys
84	1123.00	0.35	67.07	1122.98	0.60	0.61	5.51	13.29	0.22	78.80	5.54	83.68	MWD Run 1
85	1136.43	0.32	68.95	1136.41	0.58	0.64	5.58	13.43	0.23	0.00	5.62	83.46	Imp Svys
86	1149.86	0.29	71.20	1149.84	0.57	0.66	5.65	13.43	0.23	0.00	5.69	83.30	Imp Svys
87	1163.29	0.26	73.94	1163.27	0.57	0.68	5.71	13.43	0.23	0.00	5.75	83.18	Imp Svys
88	1176.71	0.23	77.33	1176.70	0.57	0.70	5.77	13.43	0.23	0.00	5.81	83.10	Imp Svys
89	1190.14	0.21	81.60	1190.13	0.57	0.71	5.82	13.43	0.23	0.00	5.86	83.07	Imp Svys
90	1203.57	0.18	87.06	1203.55	0.57	0.71	5.86	13.43	0.23	0.00	5.91	83.08	Imp Svys
91	1217.00	0.16	94.15	1216.98	0.58	0.71	5.90	13.43	0.23	78.80	5.95	83.13	MWD Run 1
92	1230.43	0.17	89.01	1230.41	0.59	0.71	5.94	13.43	0.13	0.00	5.98	83.18	Imp Svys
93	1243.86	0.18	84.44	1243.84	0.60	0.71	5.98	13.43	0.13	0.00	6.02	83.20	Imp Svys
94	1257.29	0.19	80.40	1257.27	0.60	0.72	6.03	13.43	0.13	0.00	6.07	83.20	Imp Svys
95	1270.71	0.20	76.85	1270.70	0.60	0.73	6.07	13.43	0.13	0.00	6.11	83.16	Imp Svys
96	1284.14	0.22	73.71	1284.13	0.60	0.74	6.12	13.43	0.13	0.00	6.16	83.10	Imp Svys
97	1297.57	0.23	70.95	1297.55	0.60	0.76	6.17	13.43	0.13	0.00	6.22	83.01	Imp Svys
98	1311.00	0.25	68.50	1310.98	0.59	0.78	6.22	13.43	0.13	80.60	6.27	82.89	MWD Run 1
99	1324.29	0.24	73.61	1324.27	0.58	0.79	6.27	13.29	0.18	0.00	6.32	82.78	Imp Svys
100	1337.57	0.23	79.10	1337.55	0.58	0.81	6.33	13.29	0.18	0.00	6.38	82.73	Imp Svys
101	1350.86	0.22	84.92	1350.84	0.59	0.81	6.38	13.29	0.18	0.00	6.43	82.72	Imp Svys
102	1364.14	0.22	90.97	1364.13	0.59	0.82	6.43	13.29	0.18	0.00	6.48	82.77	Imp Svys
103	1377.43	0.22	97.11	1377.41	0.61	0.81	6.48	13.29	0.18	0.00	6.53	82.85	Imp Svys
104	1390.71	0.22	103.21	1390.70	0.63	0.80	6.53	13.29	0.18	0.00	6.58	82.98	Imp Svys
105	1404.00	0.23	109.14	1403.98	0.65	0.79	6.58	13.29	0.18	80.60	6.63	83.16	MWD Run 1
106	1417.29	0.23	107.59	1417.27	0.68	0.77	6.63	13.29	0.08	0.00	6.68	83.36	Imp Svys
107	1430.57	0.24	106.14	1430.55	0.71	0.76	6.68	13.29	0.08	0.00	6.73	83.54	Imp Svys
108	1443.86	0.25	104.78	1443.84	0.73	0.74	6.74	13.29	0.08	0.00	6.78	83.72	Imp Svys
109	1457.14	0.26	103.51	1457.12	0.76	0.73	6.80	13.29	0.08	0.00	6.84	83.90	Imp Svys
110	1470.43	0.27	102.32	1470.41	0.79	0.71	6.86	13.29	0.08	0.00	6.89	84.06	Imp Svys
111	1483.71	0.28	101.20	1483.70	0.81	0.70	6.92	13.29	0.08	0.00	6.95	84.22	Imp Svys
112	1497.00	0.29	100.15	1496.98	0.84	0.69	6.98	13.29	0.08	82.40	7.02	84.37	MWD Run 1
113	1510.43	0.26	96.46	1510.41	0.86	0.68	7.05	13.43	0.23	0.00	7.08	84.50	Imp Svys
114	1523.86	0.24	91.99	1523.84	0.88	0.67	7.10	13.43	0.23	0.00	7.14	84.58	Imp Svys
115	1537.29	0.22	86.54	1537.27	0.89	0.67	7.16	13.43	0.23	0.00	7.19	84.62	Imp Svys
116	1550.71	0.20	79.90	1550.70	0.90	0.68	7.21	13.43	0.23	0.00	7.24	84.61	Imp Svys

117	1564.14	0.18	71.88	1564.12	0.89	0.69	7.25	13.43	0.23	0.00	7.28	84.56	Imp Svys
118	1577.57	0.17	62.42	1577.55	0.89	0.71	7.29	13.43	0.23	0.00	7.32	84.46	Imp Svys
119	1591.00	0.16	51.74	1590.98	0.87	0.73	7.32	13.43	0.23	86.00	7.35	84.33	MWD Run 1
120	1604.57	0.16	52.21	1604.55	0.86	0.75	7.35	13.57	0.02	0.00	7.39	84.17	Imp Svys
121	1618.14	0.16	52.66	1618.12	0.84	0.77	7.38	13.57	0.02	0.00	7.42	84.01	Imp Svys
122	1631.71	0.17	53.09	1631.69	0.83	0.80	7.41	13.57	0.02	0.00	7.45	83.86	Imp Svys
123	1645.29	0.17	53.51	1645.27	0.81	0.82	7.44	13.57	0.02	0.00	7.49	83.71	Imp Svys
124	1658.86	0.17	53.91	1658.84	0.79	0.84	7.47	13.57	0.02	0.00	7.52	83.55	Imp Svys
125	1672.43	0.17	54.30	1672.41	0.78	0.87	7.51	13.57	0.02	0.00	7.56	83.40	Imp Svys
126	1686.00	0.18	54.67	1685.98	0.76	0.89	7.54	13.57	0.02	86.00	7.59	83.25	MWD Run 1
127	1699.29	0.15	61.75	1699.27	0.75	0.91	7.57	13.29	0.23	0.00	7.63	83.13	Imp Svys
128	1712.57	0.13	71.19	1712.55	0.74	0.93	7.60	13.29	0.23	0.00	7.66	83.05	Imp Svys
129	1725.86	0.12	83.53	1725.84	0.74	0.93	7.63	13.29	0.23	0.00	7.69	83.03	Imp Svys
130	1739.14	0.11	98.66	1739.12	0.75	0.93	7.66	13.29	0.23	0.00	7.71	83.06	Imp Svys
131	1752.43	0.11	115.03	1752.41	0.76	0.93	7.68	13.29	0.23	0.00	7.74	83.13	Imp Svys
132	1765.71	0.12	130.22	1765.69	0.78	0.91	7.70	13.29	0.23	0.00	7.76	83.25	Imp Svys
133	1779.00	0.13	142.63	1778.98	0.80	0.89	7.72	13.29	0.23	86.00	7.77	83.42	MWD Run 1
134	1792.67	0.11	137.69	1792.65	0.83	0.87	7.74	13.67	0.15	0.00	7.79	83.60	Imp Svys
135	1806.33	0.10	130.95	1806.31	0.85	0.85	7.76	13.67	0.15	0.00	7.80	83.75	Imp Svys
136	1820.00	0.08	121.57	1819.98	0.87	0.84	7.78	13.67	0.15	0.00	7.82	83.85	Imp Svys
137	1833.67	0.07	108.54	1833.65	0.88	0.83	7.79	13.67	0.15	0.00	7.84	83.92	Imp Svys
138	1847.33	0.06	91.54	1847.31	0.88	0.83	7.81	13.67	0.15	0.00	7.85	83.96	Imp Svys
139	1861.00	0.06	72.48	1860.98	0.88	0.83	7.82	13.67	0.15	84.20	7.87	83.95	MWD Run 1
140	1875.25	0.04	82.30	1875.23	0.88	0.83	7.83	14.25	0.20	0.00	7.88	83.94	Imp Svys
141	1889.50	0.02	127.62	1889.48	0.89	0.83	7.84	14.25	0.20	0.00	7.88	83.95	Imp Svys
142	1903.75	0.03	207.49	1903.73	0.89	0.83	7.84	14.25	0.20	0.00	7.88	83.98	Imp Svys
143	1918.00	0.05	224.10	1917.98	0.90	0.82	7.83	14.25	0.20	0.00	7.88	84.03	Imp Svys
144	1932.25	0.08	229.55	1932.23	0.90	0.81	7.82	14.25	0.20	0.00	7.86	84.10	Imp Svys
145	1946.50	0.11	232.20	1946.48	0.91	0.79	7.80	14.25	0.20	0.00	7.84	84.19	Imp Svys
146	1960.75	0.13	233.77	1960.73	0.93	0.78	7.78	14.25	0.19	0.00	7.82	84.30	Imp Svys
147	1975.00	0.16	234.81	1974.98	0.94	0.75	7.75	14.25	0.19	91.40	7.79	84.44	MWD Run 2
148	1988.57	0.15	243.19	1988.55	0.95	0.74	7.72	13.57	0.19	0.00	7.75	84.56	Imp Svys
149	2002.14	0.14	252.80	2002.12	0.96	0.72	7.69	13.57	0.19	0.00	7.72	84.63	Imp Svys
150	2015.71	0.14	263.27	2015.69	0.96	0.72	7.65	13.57	0.19	0.00	7.69	84.66	Imp Svys
151	2029.29	0.14	274.00	2029.27	0.95	0.71	7.62	13.57	0.19	0.00	7.66	84.64	Imp Svys
152	2042.86	0.14	284.26	2042.84	0.94	0.72	7.59	13.57	0.19	0.00	7.62	84.58	Imp Svys
153	2056.43	0.15	293.51	2056.41	0.92	0.73	7.56	13.57	0.19	0.00	7.59	84.47	Imp Svys
154	2070.00	0.17	301.49	2069.98	0.90	0.75	7.52	13.57	0.19	91.40	7.56	84.31	MWD Run 2
155	2083.43	0.16	299.70	2083.41	0.87	0.77	7.49	13.43	0.07	0.00	7.53	84.14	Imp Svys
156	2096.86	0.15	297.76	2096.84	0.85	0.79	7.46	13.43	0.07	0.00	7.50	83.98	Imp Svys
157	2110.29	0.15	295.64	2110.26	0.82	0.80	7.43	13.43	0.07	0.00	7.47	83.84	Imp Svys
158	2123.71	0.14	293.33	2123.69	0.80	0.82	7.40	13.43	0.07	0.00	7.44	83.71	Imp Svys
159	2137.14	0.13	290.81	2137.12	0.79	0.83	7.37	13.43	0.06	0.00	7.41	83.59	Imp Svys
160	2150.57	0.13	288.06	2150.55	0.77	0.84	7.34	13.43	0.06	0.00	7.38	83.49	Imp Svys
161	2164.00	0.12	285.05	2163.98	0.76	0.85	7.31	13.43	0.06	91.40	7.36	83.40	MWD Run 2
162	2177.29	0.13	289.60	2177.26	0.74	0.85	7.28	13.29	0.09	0.00	7.33	83.31	Imp Svys
163	2190.57	0.13	293.70	2190.55	0.72	0.87	7.25	13.29	0.09	0.00	7.31	83.19	Imp Svys
164	2203.86	0.14	297.39	2203.84	0.70	0.88	7.22	13.29	0.09	0.00	7.28	83.06	Imp Svys
165	2217.14	0.15	300.71	2217.12	0.68	0.90	7.20	13.29	0.09	0.00	7.25	82.90	Imp Svys
166	2230.43	0.16	303.68	2230.41	0.66	0.92	7.16	13.29	0.09	0.00	7.22	82.72	Imp Svys
167	2243.71	0.17	306.35	2243.69	0.63	0.94	7.13	13.29	0.09	0.00	7.20	82.52	Imp Svys
168	2257.00	0.18	308.76	2256.98	0.60	0.96	7.10	13.29	0.09	93.20	7.17	82.29	MWD Run 2
169	2270.29	0.18	326.21	2270.26	0.56	0.99	7.07	13.29	0.40	0.00	7.14	82.02	Imp Svys
170	2283.57	0.19	342.20	2283.55	0.52	1.03	7.06	13.29	0.40	0.00	7.13	81.70	Imp Svys
171	2296.86	0.22	354.96	2296.84	0.47	1.08	7.05	13.29	0.41	0.00	7.13	81.31	Imp Svys
172	2310.14	0.26	4.50	2310.12	0.42	1.13	7.05	13.29	0.41	0.00	7.14	80.88	Imp Svys
173	2323.43	0.30	11.53	2323.41	0.36	1.20	7.06	13.29	0.41	0.00	7.16	80.38	Imp Svys
174	2336.71	0.34	16.79	2336.69	0.29	1.27	7.08	13.29	0.41	0.00	7.19	79.84	Imp Svys
175	2350.00	0.39	20.80	2349.98	0.22	1.35	7.10	13.29	0.41	93.20	7.23	79.25	MWD Run 2
176	2363.43	0.39	26.34	2363.41	0.15	1.43	7.14	13.43	0.28	0.00	7.28	78.65	Imp Svys
177	2376.86	0.40	31.82	2376.83	0.08	1.51	7.18	13.43	0.28	0.00	7.34	78.11	Imp Svys
178	2390.29	0.40	37.16	2390.26	0.01	1.59	7.24	13.43	0.28	0.00	7.41	77.61	Imp Svys
179	2403.71	0.41	42.27	2403.69	-0.04	1.66	7.30	13.43	0.28	0.00	7.49	77.16	Imp Svys
180	2417.14	0.43	47.09	2417.12	-0.10	1.73	7.37	13.43	0.28	0.00	7.57	76.76	Imp Svys
181	2430.57	0.44	51.57	2430.55	-0.15	1.80	7.44	13.43	0.28	0.00	7.66	76.41	Imp Svys
182	2444.00	0.46	55.71	2443.98	-0.19	1.86	7.53	13.43	0.28	93.20	7.76	76.11	MWD Run 2
183	2457.57	0.44	59.05	2457.55	-0.23	1.92	7.62	13.57	0.24	0.00	7.86	75.86	Imp Svys
184	2471.14	0.43	62.66	2471.12	-0.26	1.97	7.71	13.57	0.24	0.00	7.96	75.66	Imp Svys

185	2484.71	0.41	66.55	2484.69	-0.28	2.01	7.80	13.57	0.24	0.00	8.06	75.53	Imp Svys
186	2498.29	0.40	70.70	2498.26	-0.29	2.05	7.89	13.57	0.24	0.00	8.15	75.45	Imp Svys
187	2511.86	0.39	75.10	2511.83	-0.30	2.08	7.98	13.57	0.24	0.00	8.25	75.42	Imp Svys
188	2525.43	0.38	79.71	2525.40	-0.30	2.10	8.07	13.57	0.24	0.00	8.34	75.44	Imp Svys
189	2539.00	0.38	84.48	2538.97	-0.29	2.11	8.16	13.57	0.24	95.00	8.43	75.51	MWD Run 2
190	2552.57	0.36	88.38	2552.54	-0.28	2.11	8.24	13.57	0.22	0.00	8.51	75.62	Imp Svys
191	2566.14	0.34	92.64	2566.12	-0.26	2.11	8.33	13.57	0.22	0.00	8.59	75.76	Imp Svys
192	2579.71	0.33	97.25	2579.69	-0.24	2.11	8.41	13.57	0.22	0.00	8.67	75.93	Imp Svys
193	2593.29	0.32	102.17	2593.26	-0.21	2.09	8.48	13.57	0.22	0.00	8.74	76.14	Imp Svys
194	2606.86	0.31	107.38	2606.83	-0.17	2.07	8.56	13.57	0.22	0.00	8.80	76.37	Imp Svys
195	2620.43	0.61	78.52	2620.40	-0.15	2.08	8.66	13.57	2.72	0.00	8.91	76.51	Imp Svys
196	2634.00	0.59	80.75	2633.97	-0.15	2.10	8.80	13.57	0.22	95.00	9.05	76.56	MWD Run 2
197	2647.43	0.51	93.26	2647.40	-0.13	2.11	8.93	13.43	1.07	0.00	9.18	76.70	Imp Svys
198	2660.86	0.47	109.19	2660.83	-0.08	2.09	9.04	13.43	1.07	0.00	9.28	76.99	Imp Svys
199	2674.29	0.46	126.94	2674.25	-0.01	2.04	9.14	13.43	1.07	0.00	9.36	77.42	Imp Svys
200	2687.71	0.50	143.48	2687.68	0.08	1.96	9.22	13.43	1.07	0.00	9.42	78.00	Imp Svys
201	2701.14	0.50	138.17	2701.11	0.19	1.87	9.29	13.43	0.35	0.00	9.48	78.63	Imp Svys
202	2714.57	0.84	87.93	2714.54	0.26	1.83	9.43	13.43	4.82	0.00	9.60	79.03	Imp Svys
203	2728.00	0.91	86.61	2727.97	0.29	1.84	9.63	13.43	0.51	95.00	9.81	79.20	MWD Run 2
204	2741.43	0.85	89.47	2741.39	0.33	1.85	9.84	13.43	0.51	0.00	10.01	79.38	Imp Svys
205	2754.86	0.80	92.70	2754.82	0.37	1.84	10.03	13.43	0.51	0.00	10.20	79.60	Imp Svys
206	2768.29	0.76	96.35	2768.25	0.43	1.83	10.22	13.43	0.51	0.00	10.38	79.86	Imp Svys
207	2781.71	0.71	100.45	2781.67	0.49	1.80	10.39	13.43	0.51	0.00	10.54	80.15	Imp Svys
208	2795.14	0.67	105.06	2795.10	0.56	1.77	10.54	13.43	0.51	0.00	10.69	80.49	Imp Svys
209	2808.57	1.21	81.73	2808.53	0.60	1.77	10.76	13.43	4.83	0.00	10.90	80.68	Imp Svys
210	2822.00	1.43	78.56	2821.95	0.62	1.82	11.06	13.43	1.75	96.80	11.21	80.66	MWD Run 2
211	2835.57	1.41	79.73	2835.52	0.63	1.88	11.40	13.57	0.26	0.00	11.55	80.61	Imp Svys
212	2849.14	1.40	80.96	2849.09	0.64	1.94	11.72	13.57	0.26	0.00	11.88	80.61	Imp Svys
213	2862.71	1.38	82.24	2862.66	0.67	1.99	12.05	13.57	0.26	0.00	12.21	80.63	Imp Svys
214	2876.29	1.36	83.55	2876.22	0.70	2.03	12.37	13.57	0.26	0.00	12.54	80.69	Imp Svys
215	2889.86	1.35	84.88	2889.79	0.74	2.06	12.69	13.57	0.25	0.00	12.86	80.78	Imp Svys
216	2903.43	1.74	75.16	2903.36	0.75	2.13	13.05	13.57	3.44	0.00	13.22	80.74	Imp Svys
217	2917.00	2.06	71.05	2916.92	0.71	2.26	13.48	13.57	2.55	96.80	13.67	80.49	MWD Run 2
218	2930.29	2.04	71.90	2930.20	0.66	2.41	13.93	13.29	0.25	0.00	14.13	80.18	Imp Svys
219	2943.57	2.03	72.77	2943.48	0.62	2.55	14.38	13.29	0.25	0.00	14.60	79.93	Imp Svys
220	2956.86	2.01	73.68	2956.75	0.58	2.69	14.83	13.29	0.26	0.00	15.07	79.72	Imp Svys
221	2970.14	2.00	74.64	2970.03	0.56	2.82	15.27	13.29	0.27	0.00	15.53	79.56	Imp Svys
222	2983.43	1.98	75.64	2983.31	0.54	2.93	15.72	13.29	0.29	0.00	15.99	79.43	Imp Svys
223	2996.71	2.33	69.45	2996.59	0.49	3.09	16.19	13.29	3.13	0.00	16.49	79.21	Imp Svys
224	3010.00	2.78	67.45	3009.86	0.40	3.30	16.75	13.29	3.49	96.80	17.07	78.84	MWD Run 2
225	3023.57	2.75	68.41	3023.41	0.29	3.55	17.35	13.57	0.44	0.00	17.71	78.44	Imp Svys
226	3037.14	2.70	69.45	3036.97	0.19	3.78	17.95	13.57	0.48	0.00	18.35	78.11	Imp Svys
227	3050.71	2.66	70.57	3050.53	0.11	4.00	18.55	13.57	0.49	0.00	18.98	77.84	Imp Svys
228	3064.29	2.62	71.72	3064.08	0.04	4.20	19.14	13.57	0.49	0.00	19.60	77.62	Imp Svys
229	3077.86	2.59	72.89	3077.64	-0.01	4.39	19.73	13.57	0.46	0.00	20.21	77.46	Imp Svys
230	3091.43	3.04	69.89	3091.20	-0.09	4.60	20.36	13.57	3.50	0.00	20.88	77.26	Imp Svys
231	3105.00	3.52	70.18	3104.74	-0.19	4.87	21.09	13.57	3.54	98.60	21.65	77.00	MWD Run 2
232	3118.57	3.51	71.05	3118.29	-0.29	5.14	21.88	13.57	0.40	0.00	22.47	76.77	Imp Svys
233	3132.14	3.50	71.96	3131.84	-0.37	5.41	22.67	13.57	0.41	0.00	23.30	76.58	Imp Svys
234	3145.71	3.50	72.87	3145.38	-0.45	5.66	23.46	13.57	0.41	0.00	24.13	76.44	Imp Svys
235	3159.29	3.49	73.76	3158.93	-0.51	5.90	24.25	13.57	0.40	0.00	24.95	76.33	Imp Svys
236	3172.86	3.49	74.62	3172.47	-0.56	6.12	25.04	13.57	0.39	0.00	25.78	76.27	Imp Svys
237	3186.43	3.86	70.62	3186.02	-0.63	6.38	25.87	13.57	3.31	0.00	26.65	76.14	Imp Svys
238	3200.00	4.41	68.26	3199.55	-0.77	6.73	26.79	13.57	4.26	100.40	27.62	75.90	MWD Run 2
239	3213.43	4.47	68.65	3212.94	-0.93	7.11	27.76	13.43	0.50	0.00	28.65	75.63	Imp Svys
240	3226.86	4.44	69.23	3226.33	-1.09	7.48	28.73	13.43	0.40	0.00	29.69	75.40	Imp Svys
241	3240.29	4.41	69.79	3239.72	-1.23	7.85	29.70	13.43	0.39	0.00	30.72	75.20	Imp Svys
242	3253.71	4.38	70.30	3253.11	-1.37	8.20	30.67	13.43	0.36	0.00	31.75	75.03	Imp Svys
243	3267.14	4.36	70.71	3266.50	-1.49	8.54	31.63	13.43	0.32	0.00	32.77	74.89	Imp Svys
244	3280.57	4.76	71.76	3279.88	-1.61	8.88	32.64	13.43	3.06	0.00	33.83	74.78	Imp Svys
245	3294.00	5.27	71.54	3293.26	-1.73	9.25	33.76	13.43	3.78	100.40	35.00	74.67	MWD Run 2
246	3307.43	5.24	71.41	3306.63	-1.86	9.64	34.92	13.43	0.20	0.00	36.23	74.56	Imp Svys
247	3320.86	5.22	71.16	3320.01	-1.99	10.04	36.08	13.43	0.23	0.00	37.45	74.46	Imp Svys
248	3334.29	5.20	70.86	3333.38	-2.13	10.43	37.24	13.43	0.24	0.00	38.67	74.35	Imp Svys
249	3347.71	5.19	70.56	3346.75	-2.27	10.83	38.38	13.43	0.22	0.00	39.88	74.24	Imp Svys
250	3361.14	5.19	70.30	3360.13	-2.42	11.24	39.53	13.43	0.17	0.00	41.10	74.12	Imp Svys
251	3374.57	5.49	71.30	3373.50	-2.57	11.65	40.71	13.43	2.29	0.00	42.34	74.03	Imp Svys
252	3388.00	5.96	71.23	3386.86	-2.71	12.08	41.98	13.43	3.52	102.20	43.68	73.94	MWD Run 2

253	3401.57	6.03	71.27	3400.35	-2.86	12.54	43.32	13.57	0.49	0.00	45.10	73.86	Imp Svys
254	3415.14	6.11	71.37	3413.85	-3.02	13.00	44.68	13.57	0.61	0.00	46.53	73.78	Imp Svys
255	3428.71	6.20	71.50	3427.34	-3.17	13.46	46.06	13.57	0.67	0.00	47.98	73.71	Imp Svys
256	3442.29	6.29	71.67	3440.83	-3.32	13.93	47.46	13.57	0.68	0.00	49.46	73.65	Imp Svys
257	3455.86	6.37	71.88	3454.32	-3.47	14.39	48.88	13.57	0.64	0.00	50.95	73.59	Imp Svys
258	3469.43	6.67	71.43	3467.81	-3.63	14.88	50.34	13.57	2.26	0.00	52.49	73.53	Imp Svys
259	3483.00	6.89	71.23	3481.28	-3.80	15.39	51.86	13.57	1.63	104.00	54.10	73.47	MWD Run 2
260	3496.43	6.92	71.65	3494.61	-3.97	15.91	53.39	13.43	0.41	0.00	55.71	73.41	Imp Svys
261	3509.86	6.92	72.12	3507.95	-4.13	16.41	54.93	13.43	0.43	0.00	57.33	73.37	Imp Svys
262	3523.29	6.92	72.61	3521.28	-4.28	16.90	56.47	13.43	0.44	0.00	58.94	73.34	Imp Svys
263	3536.71	6.92	73.09	3534.61	-4.41	17.38	58.02	13.43	0.43	0.00	60.56	73.33	Imp Svys
264	3550.14	6.91	73.53	3547.94	-4.53	17.84	59.56	13.43	0.39	0.00	62.18	73.33	Imp Svys
265	3563.57	7.52	71.62	3561.26	-4.67	18.35	61.17	13.43	4.85	0.00	63.86	73.30	Imp Svys
266	3577.00	7.70	71.13	3574.57	-4.86	18.92	62.86	13.43	1.44	104.00	65.64	73.25	MWD Run 2
267	3590.57	7.71	71.31	3588.02	-5.06	19.50	64.58	13.57	0.19	0.00	67.46	73.20	Imp Svys
268	3604.14	7.72	71.44	3601.47	-5.26	20.08	66.31	13.57	0.17	0.00	69.28	73.15	Imp Svys
269	3617.71	7.74	71.54	3614.92	-5.45	20.66	68.04	13.57	0.16	0.00	71.11	73.11	Imp Svys
270	3631.29	7.76	71.62	3628.36	-5.64	21.24	69.78	13.57	0.17	0.00	72.94	73.07	Imp Svys
271	3644.86	7.78	71.69	3641.81	-5.82	21.82	71.52	13.57	0.18	0.00	74.77	73.03	Imp Svys
272	3658.43	8.21	72.37	3655.25	-6.00	22.40	73.31	13.57	3.20	0.00	76.66	73.01	Imp Svys
273	3672.00	8.43	72.88	3668.68	-6.17	22.99	75.19	13.57	1.75	104.00	78.62	73.00	MWD Run 2
274	3685.29	8.46	72.95	3681.82	-6.32	23.56	77.05	13.29	0.24	0.00	80.58	73.00	Imp Svys
275	3698.57	8.50	73.01	3694.96	-6.48	24.13	78.93	13.29	0.26	0.00	82.53	73.00	Imp Svys
276	3711.86	8.53	73.07	3708.10	-6.63	24.71	80.81	13.29	0.27	0.00	84.50	73.00	Imp Svys
277	3725.14	8.57	73.13	3721.24	-6.78	25.28	82.70	13.29	0.28	0.00	86.48	73.00	Imp Svys
278	3738.43	8.61	73.18	3734.37	-6.93	25.86	84.60	13.29	0.29	0.00	88.46	73.00	Imp Svys
279	3751.71	8.64	73.23	3747.51	-7.08	26.43	86.50	13.29	0.29	0.00	90.45	73.01	Imp Svys
280	3765.00	8.68	73.28	3760.64	-7.23	27.01	88.42	13.29	0.29	105.80	92.45	73.01	MWD Run 2
281	3778.43	8.72	73.32	3773.92	-7.38	27.59	90.37	13.43	0.29	0.00	94.49	73.02	Imp Svys
282	3791.86	8.76	73.36	3787.19	-7.53	28.18	92.32	13.43	0.29	0.00	96.53	73.03	Imp Svys
283	3805.29	8.80	73.40	3800.46	-7.67	28.76	94.28	13.43	0.29	0.00	98.57	73.03	Imp Svys
284	3818.71	8.83	73.43	3813.73	-7.82	29.35	96.26	13.43	0.29	0.00	100.63	73.04	Imp Svys
285	3832.14	8.87	73.47	3827.00	-7.97	29.94	98.24	13.43	0.29	0.00	102.70	73.05	Imp Svys
286	3845.57	8.91	73.50	3840.27	-8.11	30.53	100.23	13.43	0.28	0.00	104.77	73.06	Imp Svys
287	3859.00	8.95	73.54	3853.53	-8.26	31.12	102.23	13.43	0.28	105.80	106.86	73.07	MWD Run 2
288	3872.57	8.99	73.58	3866.94	-8.40	31.72	104.26	13.57	0.28	0.00	108.97	73.08	Imp Svys
289	3886.14	9.02	73.62	3880.34	-8.55	32.32	106.29	13.57	0.27	0.00	111.10	73.09	Imp Svys
290	3899.71	9.06	73.68	3893.75	-8.69	32.92	108.34	13.57	0.27	0.00	113.23	73.10	Imp Svys
291	3913.29	9.09	73.75	3907.15	-8.83	33.52	110.39	13.57	0.26	0.00	115.37	73.11	Imp Svys
292	3926.86	9.12	73.86	3920.55	-8.97	34.12	112.46	13.57	0.26	0.00	117.52	73.12	Imp Svys
293	3940.43	9.15	74.00	3933.95	-9.10	34.72	114.53	13.57	0.26	0.00	119.67	73.14	Imp Svys
294	3954.00	9.17	74.21	3947.35	-9.23	35.31	116.60	13.57	0.29	107.60	121.83	73.15	MWD Run 2
295	3967.43	9.18	74.52	3960.60	-9.35	35.88	118.67	13.43	0.38	0.00	123.97	73.17	Imp Svys
296	3980.86	9.19	74.88	3973.86	-9.45	36.45	120.73	13.43	0.44	0.00	126.12	73.20	Imp Svys
297	3994.29	9.20	75.26	3987.11	-9.54	37.00	122.81	13.43	0.46	0.00	128.26	73.23	Imp Svys
298	4007.71	9.20	75.63	4000.37	-9.62	37.54	124.89	13.43	0.44	0.00	130.41	73.27	Imp Svys
299	4021.14	9.21	75.95	4013.63	-9.69	38.07	126.97	13.43	0.38	0.00	132.55	73.31	Imp Svys
300	4034.57	9.10	72.35	4026.88	-9.81	38.65	129.02	13.43	4.34	0.00	134.69	73.32	Imp Svys
301	4048.00	9.16	70.42	4040.14	-10.04	39.33	131.04	13.43	2.32	107.60	136.82	73.29	MWD Run 2
302	4061.57	9.18	70.53	4053.54	-10.30	40.05	133.08	13.57	0.15	0.00	138.98	73.25	Imp Svys
303	4075.14	9.19	70.58	4066.94	-10.56	40.78	135.12	13.57	0.12	0.00	141.14	73.21	Imp Svys
304	4088.71	9.20	70.59	4080.33	-10.82	41.50	137.17	13.57	0.11	0.00	143.31	73.17	Imp Svys
305	4102.29	9.22	70.58	4093.73	-11.09	42.22	139.22	13.57	0.10	0.00	145.48	73.13	Imp Svys
306	4115.86	9.23	70.55	4107.13	-11.35	42.94	141.27	13.57	0.09	0.00	147.65	73.09	Imp Svys
307	4129.43	9.23	70.50	4120.52	-11.61	43.67	143.32	13.57	0.07	0.00	149.82	73.05	Imp Svys
308	4143.00	9.23	70.43	4133.92	-11.88	44.40	145.37	13.57	0.08	107.60	152.00	73.02	MWD Run 2
309	4156.57	9.22	70.35	4147.31	-12.15	45.13	147.42	13.57	0.12	0.00	154.17	72.98	Imp Svys
310	4170.14	9.21	70.26	4160.71	-12.42	45.86	149.47	13.57	0.17	0.00	156.34	72.94	Imp Svys
311	4183.71	9.18	70.16	4174.11	-12.70	46.59	151.51	13.57	0.20	0.00	158.51	72.91	Imp Svys
312	4197.29	9.16	70.07	4187.51	-12.97	47.33	153.54	13.57	0.22	0.00	160.67	72.87	Imp Svys
313	4210.86	9.13	69.97	4200.90	-13.26	48.07	155.57	13.57	0.23	0.00	162.83	72.83	Imp Svys
314	4224.43	9.10	69.89	4214.30	-13.54	48.80	157.59	13.57	0.23	0.00	164.97	72.79	Imp Svys
315	4238.00	9.08	69.83	4227.71	-13.82	49.54	159.60	13.57	0.22	109.40	167.12	72.76	MWD Run 2
316	4251.43	9.05	69.82	4240.97	-14.11	50.27	161.59	13.43	0.20	0.00	169.23	72.72	Imp Svys
317	4264.86	9.02	69.82	4254.23	-14.39	51.00	163.57	13.43	0.19	0.00	171.33	72.68	Imp Svys
318	4278.29	9.00	69.83	4267.49	-14.67	51.72	165.54	13.43	0.19	0.00	173.43	72.65	Imp Svys
319	4291.71	8.97	69.84	4280.75	-14.95	52.45	167.51	13.43	0.18	0.00	175.53	72.61	Imp Svys
320	4305.14	8.95	69.83	4294.02	-15.23	53.17	169.47	13.43	0.17	0.00	177.62	72.58	Imp Svys

321	4318.57	8.93	69.80	4307.28	-15.51	53.89	171.43	13.43	0.16	0.00	179.70	72.55	Imp Svys
322	4332.00	8.92	69.72	4320.55	-15.79	54.61	173.39	13.43	0.15	109.40	181.78	72.52	MWD Run 2
323	4347.00	8.90	69.56	4335.37	-16.10	55.42	175.57	15.00	0.19	0.00	184.10	72.48	Imp Svys
324	4362.00	8.90	69.34	4350.19	-16.43	56.23	177.74	15.00	0.23	0.00	186.42	72.44	Imp Svys
325	4377.00	8.89	69.10	4365.01	-16.76	57.06	179.91	15.00	0.25	0.00	188.74	72.40	Imp Svys
326	4392.00	8.88	68.85	4379.83	-17.11	57.89	182.07	15.00	0.26	0.00	191.05	72.36	Imp Svys
327	4407.00	8.88	68.61	4394.65	-17.46	58.73	184.23	15.00	0.25	0.00	193.36	72.32	Imp Svys
328	4422.00	8.86	68.41	4409.47	-17.82	59.57	186.38	15.00	0.23	111.20	195.67	72.27	MWD Run 2
329	4437.00	8.84	68.27	4424.29	-18.19	60.43	188.53	15.00	0.21	0.00	197.97	72.23	Imp Svys
330	4452.00	8.81	68.16	4439.11	-18.56	61.28	190.66	15.00	0.22	0.00	200.27	72.18	Imp Svys
331	4467.00	8.78	68.08	4453.94	-18.93	62.13	192.79	15.00	0.23	0.00	202.56	72.14	Imp Svys
332	4482.00	8.74	68.01	4468.76	-19.31	62.99	194.91	15.00	0.25	0.00	204.84	72.09	Imp Svys
333	4497.00	8.70	67.95	4483.59	-19.69	63.84	197.02	15.00	0.27	0.00	207.10	72.05	Imp Svys
334	4512.00	8.66	67.89	4498.42	-20.06	64.69	199.12	15.00	0.29	111.20	209.36	72.00	MWD Run 2
335	4527.00	8.61	67.82	4513.25	-20.44	65.54	201.20	15.00	0.33	0.00	211.61	71.96	Imp Svys
336	4542.00	8.56	67.76	4528.08	-20.82	66.39	203.28	15.00	0.35	0.00	213.84	71.91	Imp Svys
337	4557.00	8.51	67.69	4542.91	-21.20	67.23	205.34	15.00	0.36	0.00	216.06	71.87	Imp Svys
338	4572.00	8.45	67.61	4557.75	-21.57	68.07	207.38	15.00	0.38	0.00	218.27	71.83	Imp Svys
339	4587.00	8.40	67.53	4572.59	-21.95	68.91	209.42	15.00	0.39	0.00	220.46	71.79	Imp Svys
340	4602.00	8.34	67.43	4587.43	-22.33	69.75	211.43	15.00	0.40	113.00	222.64	71.74	MWD Run 2
341	4615.00	8.29	67.34	4600.29	-22.66	70.47	213.17	13.00	0.41	0.00	224.51	71.71	Imp Svys
342	4628.00	8.23	67.23	4613.15	-22.99	71.19	214.89	13.00	0.43	0.00	226.38	71.67	Imp Svys
343	4641.00	8.17	67.11	4626.02	-23.33	71.91	216.60	13.00	0.46	0.00	228.22	71.63	Imp Svys
344	4654.00	8.11	66.98	4638.89	-23.66	72.63	218.29	13.00	0.50	0.00	230.06	71.60	Imp Svys
345	4667.00	8.05	66.81	4651.76	-24.00	73.35	219.98	13.00	0.55	0.00	231.88	71.56	Imp Svys
346	4680.00	7.97	66.62	4664.63	-24.34	74.06	221.64	13.00	0.63	0.00	233.69	71.52	Imp Svys
347	4693.00	7.88	66.36	4677.51	-24.68	74.78	223.28	13.00	0.75	113.00	235.47	71.48	MWD Run 2
348	4708.00	7.75	65.99	4692.37	-25.08	75.60	225.15	15.00	0.92	0.00	237.50	71.44	Imp Svys
349	4723.00	7.61	65.55	4707.24	-25.49	76.42	226.97	15.00	1.03	0.00	239.50	71.39	Imp Svys
350	4738.00	7.46	65.07	4722.11	-25.90	77.25	228.76	15.00	1.07	0.00	241.45	71.34	Imp Svys
351	4753.00	7.32	64.56	4736.98	-26.32	78.07	230.51	15.00	1.05	0.00	243.37	71.29	Imp Svys
352	4768.00	7.18	64.04	4751.86	-26.76	78.89	232.21	15.00	0.98	0.00	245.25	71.24	Imp Svys
353	4783.00	7.07	63.55	4766.75	-27.20	79.71	233.88	15.00	0.84	114.80	247.09	71.18	MWD Run 2
354	4798.00	7.00	63.14	4781.63	-27.65	80.53	235.52	15.00	0.60	0.00	248.91	71.12	Imp Svys
355	4813.00	6.95	62.78	4796.52	-28.10	81.36	237.15	15.00	0.46	0.00	250.71	71.06	Imp Svys
356	4828.00	6.91	62.45	4811.41	-28.57	82.19	238.75	15.00	0.36	0.00	252.50	71.00	Imp Svys
357	4843.00	6.88	62.15	4826.31	-29.04	83.03	240.35	15.00	0.30	0.00	254.28	70.94	Imp Svys
358	4858.00	6.86	61.88	4841.20	-29.52	83.87	241.93	15.00	0.25	0.00	256.06	70.88	Imp Svys
359	4873.00	6.85	61.66	4856.09	-30.01	84.72	243.51	15.00	0.20	114.80	257.83	70.82	MWD Run 2
360	4888.00	6.84	61.48	4870.98	-30.50	85.57	245.08	15.00	0.15	0.00	259.59	70.75	Imp Svys
361	4903.00	6.84	61.35	4885.88	-30.99	86.43	246.65	15.00	0.11	0.00	261.35	70.69	Imp Svys
362	4918.00	6.84	61.28	4900.77	-31.49	87.28	248.22	15.00	0.06	0.00	263.12	70.63	Imp Svys
363	4933.00	6.84	61.27	4915.66	-31.99	88.14	249.78	15.00	0.03	0.00	264.88	70.56	Imp Svys
364	4948.00	6.85	61.36	4930.56	-32.49	89.00	251.35	15.00	0.10	0.00	266.64	70.50	Imp Svys
365	4963.00	6.87	61.58	4945.45	-32.98	89.86	252.93	15.00	0.22	114.80	268.42	70.44	MWD Run 2
366	4978.00	6.91	62.01	4960.34	-33.47	90.71	254.51	15.00	0.41	0.00	270.20	70.38	Imp Svys
367	4993.00	6.95	62.55	4975.23	-33.94	91.55	256.12	15.00	0.52	0.00	271.99	70.33	Imp Svys
368	5008.00	7.00	63.13	4990.12	-34.41	92.38	257.74	15.00	0.57	0.00	273.79	70.28	Imp Svys
369	5023.00	7.05	63.71	5005.01	-34.85	93.20	259.38	15.00	0.58	0.00	275.62	70.24	Imp Svys
370	5038.00	7.10	64.23	5019.89	-35.28	94.01	261.04	15.00	0.54	0.00	277.45	70.19	Imp Svys
371	5053.00	7.14	64.63	5034.78	-35.70	94.81	262.72	15.00	0.44	116.60	279.30	70.16	MWD Run 2
372	5066.00	7.17	64.81	5047.68	-36.06	95.51	264.18	13.00	0.25	0.00	280.91	70.12	Imp Svys
373	5079.00	7.18	64.90	5060.57	-36.42	96.20	265.65	13.00	0.16	0.00	282.53	70.09	Imp Svys
374	5092.00	7.20	64.92	5073.47	-36.77	96.89	267.13	13.00	0.12	0.00	284.15	70.06	Imp Svys
375	5105.00	7.21	64.89	5086.37	-37.13	97.58	268.60	13.00	0.10	0.00	285.78	70.04	Imp Svys
376	5118.00	7.22	64.84	5099.27	-37.49	98.27	270.08	13.00	0.10	0.00	287.40	70.01	Imp Svys
377	5131.00	7.24	64.78	5112.16	-37.84	98.97	271.56	13.00	0.11	0.00	289.03	69.98	Imp Svys
378	5144.00	7.25	64.72	5125.06	-38.21	99.67	273.04	13.00	0.11	116.60	290.66	69.95	MWD Run 2
379	5159.00	7.26	64.67	5139.94	-38.63	100.48	274.76	15.00	0.11	0.00	292.55	69.91	Imp Svys
380	5174.00	7.28	64.64	5154.82	-39.05	101.29	276.47	15.00	0.12	0.00	294.44	69.88	Imp Svys
381	5189.00	7.30	64.60	5169.70	-39.47	102.10	278.19	15.00	0.12	0.00	296.34	69.85	Imp Svys
382	5204.00	7.32	64.57	5184.58	-39.90	102.92	279.91	15.00	0.14	0.00	298.24	69.81	Imp Svys
383	5219.00	7.34	64.54	5199.45	-40.33	103.75	281.64	15.00	0.15	0.00	300.14	69.78	Imp Svys
384	5234.00	7.37	64.49	5214.33	-40.76	104.57	283.38	15.00	0.18	116.60	302.05	69.74	MWD Run 2
385	5249.00	7.40	64.44	5229.20	-41.19	105.40	285.11	15.00	0.22	0.00	303.97	69.71	Imp Svys
386	5264.00	7.43	64.37	5244.08	-41.63	106.24	286.86	15.00	0.24	0.00	305.90	69.68	Imp Svys
387	5279.00	7.47	64.31	5258.95	-42.08	107.08	288.61	15.00	0.26	0.00	307.84	69.64	Imp Svys
388	5294.00	7.51	64.24	5273.82	-42.52	107.93	290.38	15.00	0.28	0.00	309.79	69.61	Imp Svys

389	5309.00	7.55	64.16	5288.70	-42.98	108.79	292.15	15.00	0.29	0.00	311.74	69.58	Imp Svys
390	5324.00	7.60	64.09	5303.56	-43.43	109.65	293.93	15.00	0.31	111.20	313.71	69.54	MWD Run 2
391	5337.00	7.64	64.02	5316.45	-43.83	110.40	295.48	13.00	0.35	0.00	315.43	69.51	Imp Svys
392	5350.00	7.69	63.95	5329.33	-44.24	111.16	297.04	13.00	0.36	0.00	317.16	69.48	Imp Svys
393	5363.00	7.74	63.89	5342.22	-44.65	111.93	298.60	13.00	0.36	0.00	318.89	69.45	Imp Svys
394	5376.00	7.78	63.84	5355.10	-45.06	112.70	300.18	13.00	0.36	0.00	320.64	69.42	Imp Svys
395	5389.00	7.83	63.82	5367.98	-45.48	113.48	301.76	13.00	0.34	0.00	322.40	69.39	Imp Svys
396	5402.00	7.87	63.83	5380.85	-45.90	114.27	303.36	13.00	0.32	0.00	324.16	69.36	Imp Svys
397	5415.00	7.91	63.89	5393.73	-46.32	115.05	304.96	13.00	0.30	113.00	325.94	69.33	MWD Run 2
398	5430.00	7.94	64.05	5408.59	-46.80	115.96	306.82	15.00	0.27	0.00	328.00	69.30	Imp Svys
399	5445.00	7.97	64.26	5423.44	-47.28	116.87	308.68	15.00	0.27	0.00	330.07	69.26	Imp Svys
400	5460.00	7.99	64.51	5438.30	-47.76	117.77	310.56	15.00	0.27	0.00	332.14	69.23	Imp Svys
401	5475.00	8.01	64.78	5453.15	-48.22	118.66	312.45	15.00	0.27	0.00	334.22	69.20	Imp Svys
402	5490.00	8.02	65.06	5468.01	-48.68	119.55	314.34	15.00	0.27	0.00	336.31	69.18	Imp Svys
403	5505.00	8.01	65.34	5482.86	-49.12	120.42	316.24	15.00	0.26	114.80	338.39	69.15	MWD Run 2
404	5520.00	7.99	65.61	5497.71	-49.56	121.29	318.14	15.00	0.29	0.00	340.48	69.13	Imp Svys
405	5535.00	7.96	65.86	5512.57	-49.98	122.14	320.04	15.00	0.32	0.00	342.55	69.11	Imp Svys
406	5550.00	7.92	66.11	5527.42	-50.39	122.99	321.93	15.00	0.35	0.00	344.62	69.09	Imp Svys
407	5565.00	7.88	66.37	5542.28	-50.80	123.82	323.81	15.00	0.35	0.00	346.68	69.07	Imp Svys
408	5580.00	7.84	66.62	5557.14	-51.19	124.64	325.70	15.00	0.35	0.00	348.73	69.06	Imp Svys
409	5595.00	7.81	66.87	5572.00	-51.57	125.44	327.57	15.00	0.32	116.60	350.77	69.05	MWD Run 2
410	5610.00	7.78	67.12	5586.86	-51.94	126.24	329.44	15.00	0.27	0.00	352.80	69.03	Imp Svys
411	5625.00	7.77	67.37	5601.73	-52.30	127.02	331.32	15.00	0.25	0.00	354.83	69.02	Imp Svys
412	5640.00	7.75	67.61	5616.59	-52.65	127.80	333.19	15.00	0.23	0.00	356.85	69.02	Imp Svys
413	5655.00	7.74	67.83	5631.45	-53.00	128.56	335.06	15.00	0.21	0.00	358.88	69.01	Imp Svys
414	5670.00	7.73	68.03	5646.31	-53.33	129.32	336.93	15.00	0.19	0.00	360.90	69.00	Imp Svys
415	5685.00	7.72	68.19	5661.18	-53.66	130.07	338.80	15.00	0.16	116.60	362.91	69.00	MWD Run 2
416	5698.00	7.71	68.27	5674.06	-53.94	130.72	340.42	13.00	0.13	0.00	364.66	68.99	Imp Svys
417	5711.00	7.70	68.32	5686.94	-54.22	131.37	342.04	13.00	0.11	0.00	366.40	68.99	Imp Svys
418	5724.00	7.68	68.35	5699.83	-54.50	132.01	343.66	13.00	0.11	0.00	368.14	68.99	Imp Svys
419	5737.00	7.67	68.37	5712.71	-54.77	132.65	345.27	13.00	0.11	0.00	369.88	68.98	Imp Svys
420	5750.00	7.65	68.39	5725.59	-55.05	133.29	346.88	13.00	0.11	0.00	371.61	68.98	Imp Svys
421	5763.00	7.64	68.40	5738.48	-55.32	133.92	348.49	13.00	0.11	0.00	373.34	68.98	Imp Svys
422	5776.00	7.63	68.43	5751.36	-55.59	134.56	350.10	13.00	0.10	116.60	375.07	68.98	MWD Run 2
423	5791.00	7.62	68.49	5766.23	-55.91	135.29	351.95	15.00	0.09	0.00	377.06	68.97	Imp Svys
424	5806.00	7.61	68.57	5781.10	-56.22	136.02	353.80	15.00	0.10	0.00	379.04	68.97	Imp Svys
425	5821.00	7.59	68.66	5795.97	-56.52	136.74	355.65	15.00	0.12	0.00	381.03	68.97	Imp Svys
426	5836.00	7.58	68.77	5810.84	-56.83	137.46	357.49	15.00	0.15	0.00	383.01	68.97	Imp Svys
427	5851.00	7.55	68.89	5825.70	-57.12	138.17	359.33	15.00	0.22	0.00	384.98	68.97	Imp Svys
428	5866.00	7.50	69.03	5840.58	-57.41	138.88	361.16	15.00	0.32	118.40	386.95	68.97	MWD Run 2
429	5876.67	7.45	69.16	5851.15	-57.62	139.37	362.46	10.67	0.52	0.00	388.33	68.97	Imp Svys
430	5887.33	7.40	69.30	5861.73	-57.82	139.86	363.75	10.67	0.55	0.00	389.71	68.97	Imp Svys
431	5898.00	7.35	69.44	5872.31	-58.01	140.34	365.03	10.67	0.48	116.60	391.08	68.97	MWD Run 2
432	5912.20	7.31	69.62	5886.39	-58.26	140.98	366.73	14.20	0.30	0.00	392.89	68.97	Imp Svys
433	5926.40	7.30	69.81	5900.48	-58.51	141.60	368.42	14.20	0.19	0.00	394.70	68.98	Imp Svys
434	5940.60	7.30	69.99	5914.56	-58.74	142.22	370.12	14.20	0.16	0.00	396.50	68.98	Imp Svys
435	5954.80	7.30	70.16	5928.65	-58.98	142.84	371.81	14.20	0.16	0.00	398.31	68.98	Imp Svys
436	5969.00	7.32	70.33	5942.73	-59.21	143.45	373.51	14.20	0.17	0.00	400.11	68.99	Imp Svys
437	5983.20	7.33	70.49	5956.81	-59.43	144.06	375.22	14.20	0.17	0.00	401.92	69.00	Imp Svys
438	5997.40	7.34	70.65	5970.90	-59.65	144.66	376.93	14.20	0.16	0.00	403.73	69.00	Imp Svys
439	6011.60	7.34	70.80	5984.98	-59.86	145.26	378.64	14.20	0.14	0.00	405.55	69.01	Imp Svys
440	6025.80	7.34	70.94	5999.07	-60.07	145.85	380.35	14.20	0.13	0.00	407.36	69.02	Imp Svys
441	6040.00	7.33	71.08	6013.15	-60.28	146.44	382.07	14.20	0.16	109.40	409.17	69.03	MWD Run 3
442	6055.00	7.29	71.20	6028.03	-60.49	147.06	383.88	15.00	0.27	0.00	411.08	69.04	Imp Svys
443	6070.00	7.24	71.30	6042.91	-60.69	147.67	385.67	15.00	0.35	0.00	412.98	69.05	Imp Svys
444	6085.00	7.18	71.38	6057.79	-60.90	148.27	387.46	15.00	0.40	0.00	414.86	69.06	Imp Svys
445	6100.00	7.12	71.40	6072.67	-61.09	148.87	389.22	15.00	0.43	0.00	416.72	69.07	Imp Svys
446	6115.00	7.05	71.36	6087.56	-61.29	149.46	390.98	15.00	0.45	0.00	418.57	69.08	Imp Svys
447	6130.00	6.98	71.22	6102.45	-61.49	150.05	392.71	15.00	0.46	109.40	420.40	69.09	MWD Run 3
448	6145.00	6.92	70.91	6117.33	-61.69	150.63	394.43	15.00	0.49	0.00	422.21	69.10	Imp Svys
449	6160.00	6.86	70.50	6132.23	-61.91	151.23	396.13	15.00	0.51	0.00	424.01	69.10	Imp Svys
450	6175.00	6.80	70.03	6147.12	-62.13	151.83	397.81	15.00	0.52	0.00	425.80	69.11	Imp Svys
451	6190.00	6.76	69.56	6162.02	-62.37	152.44	399.47	15.00	0.49	0.00	427.57	69.11	Imp Svys
452	6205.00	6.72	69.13	6176.91	-62.62	153.06	401.12	15.00	0.42	0.00	429.33	69.11	Imp Svys
453	6220.00	6.70	68.78	6191.81	-62.88	153.69	402.75	15.00	0.30	111.20	431.08	69.11	MWD Run 3
454	6235.00	6.70	68.62	6206.71	-63.15	154.33	404.38	15.00	0.13	0.00	432.83	69.11	Imp Svys
455	6250.00	6.72	68.55	6221.60	-63.42	154.97	406.01	15.00	0.12	0.00	434.58	69.11	Imp Svys
456	6265.00	6.74	68.55	6236.50	-63.69	155.61	407.65	15.00	0.14	0.00	436.34	69.11	Imp Svys

457	6280.00	6.76	68.57	6251.40	-63.97	156.26	409.29	15.00	0.13	0.00	438.10	69.10	Imp Svys
458	6295.00	6.77	68.59	6266.29	-64.24	156.90	410.93	15.00	0.06	0.00	439.87	69.10	Imp Svys
459	6310.00	6.76	68.60	6281.19	-64.51	157.55	412.58	15.00	0.08	111.20	441.64	69.10	MWD Run 3
460	6325.00	6.71	68.55	6296.08	-64.79	158.19	414.22	15.00	0.32	0.00	443.39	69.10	Imp Svys
461	6340.00	6.64	68.48	6310.98	-65.06	158.83	415.84	15.00	0.46	0.00	445.14	69.10	Imp Svys
462	6355.00	6.56	68.42	6325.88	-65.33	159.46	417.44	15.00	0.52	0.00	446.86	69.09	Imp Svys
463	6370.00	6.48	68.40	6340.79	-65.60	160.09	419.03	15.00	0.52	0.00	448.56	69.09	Imp Svys
464	6385.00	6.41	68.47	6355.69	-65.86	160.71	420.59	15.00	0.47	0.00	450.25	69.09	Imp Svys
465	6400.00	6.36	68.68	6370.60	-66.12	161.32	422.15	15.00	0.37	113.00	451.92	69.09	MWD Run 3
466	6413.00	6.35	69.09	6383.52	-66.34	161.83	423.49	13.00	0.35	0.00	453.36	69.09	Imp Svys
467	6426.00	6.36	69.61	6396.44	-66.54	162.34	424.84	13.00	0.44	0.00	454.80	69.09	Imp Svys
468	6439.00	6.37	70.18	6409.36	-66.73	162.84	426.19	13.00	0.50	0.00	456.24	69.09	Imp Svys
469	6452.00	6.38	70.76	6422.28	-66.91	163.32	427.55	13.00	0.50	0.00	457.68	69.09	Imp Svys
470	6465.00	6.38	71.32	6435.20	-67.07	163.79	428.92	13.00	0.48	0.00	459.13	69.10	Imp Svys
471	6478.00	6.35	71.82	6448.12	-67.22	164.24	430.28	13.00	0.48	0.00	460.56	69.11	Imp Svys
472	6491.00	5.93	73.81	6461.04	-67.34	164.66	431.61	13.00	3.61	113.00	461.95	69.12	MWD Run 3
473	6506.00	5.78	74.04	6475.96	-67.43	165.08	433.08	15.00	0.99	0.00	463.48	69.13	Imp Svys
474	6521.00	5.59	74.11	6490.89	-67.52	165.49	434.51	15.00	1.26	0.00	464.96	69.15	Imp Svys
475	6536.00	5.38	74.08	6505.82	-67.60	165.88	435.89	15.00	1.40	0.00	466.39	69.17	Imp Svys
476	6551.00	5.17	73.97	6520.76	-67.69	166.26	437.21	15.00	1.43	0.00	467.76	69.18	Imp Svys
477	6566.00	4.96	73.81	6535.70	-67.77	166.63	438.49	15.00	1.36	0.00	469.08	69.19	Imp Svys
478	6581.00	4.79	73.62	6550.65	-67.86	166.98	439.71	15.00	1.16	114.80	470.35	69.21	MWD Run 3
479	6594.00	4.69	73.47	6563.60	-67.93	167.29	440.74	13.00	0.78	0.00	471.42	69.22	Imp Svys
480	6607.00	4.61	73.32	6576.56	-68.01	167.59	441.75	13.00	0.58	0.00	472.47	69.22	Imp Svys
481	6620.00	4.55	73.16	6589.52	-68.08	167.89	442.75	13.00	0.47	0.00	473.51	69.23	Imp Svys
482	6633.00	4.50	72.98	6602.48	-68.16	168.19	443.73	13.00	0.42	0.00	474.53	69.24	Imp Svys
483	6646.00	4.45	72.79	6615.44	-68.24	168.49	444.70	13.00	0.44	0.00	475.54	69.25	Imp Svys
484	6659.00	4.38	72.57	6628.40	-68.33	168.78	445.65	13.00	0.51	0.00	476.54	69.26	Imp Svys
485	6672.00	4.30	72.33	6641.36	-68.41	169.08	446.59	13.00	0.65	116.60	477.53	69.26	MWD Run 3
486	6687.00	4.17	72.01	6656.32	-68.52	169.42	447.64	15.00	0.90	0.00	478.63	69.27	Imp Svys
487	6702.00	4.01	71.63	6671.28	-68.62	169.75	448.66	15.00	1.05	0.00	479.70	69.28	Imp Svys
488	6717.00	3.85	71.20	6686.25	-68.73	170.08	449.63	15.00	1.10	0.00	480.73	69.28	Imp Svys
489	6732.00	3.69	70.69	6701.21	-68.84	170.40	450.57	15.00	1.08	0.00	481.71	69.28	Imp Svys
490	6747.00	3.55	70.12	6716.18	-68.96	170.72	451.46	15.00	0.98	0.00	482.66	69.29	Imp Svys
491	6762.00	3.39	60.69	6731.16	-69.15	171.09	452.28	15.00	3.94	116.60	483.56	69.28	MWD Run 3
492	6777.00	3.32	60.15	6746.13	-69.41	171.53	453.04	15.00	0.51	0.00	484.43	69.26	Imp Svys
493	6792.00	3.28	59.57	6761.11	-69.67	171.96	453.79	15.00	0.36	0.00	485.28	69.25	Imp Svys
494	6807.00	3.25	58.97	6776.08	-69.93	172.40	454.52	15.00	0.29	0.00	486.12	69.23	Imp Svys
495	6822.00	3.23	58.35	6791.06	-70.21	172.84	455.25	15.00	0.26	0.00	486.95	69.21	Imp Svys
496	6837.00	3.22	57.74	6806.03	-70.49	173.29	455.96	15.00	0.24	0.00	487.78	69.19	Imp Svys
497	6852.00	3.21	57.15	6821.01	-70.78	173.74	456.67	15.00	0.23	116.60	488.61	69.17	MWD Run 3
498	6867.00	3.19	56.63	6835.99	-71.07	174.20	457.37	15.00	0.23	0.00	489.42	69.15	Imp Svys
499	6882.00	3.17	56.14	6850.96	-71.37	174.66	458.07	15.00	0.24	0.00	490.23	69.13	Imp Svys
500	6897.00	3.14	55.71	6865.94	-71.68	175.12	458.75	15.00	0.23	0.00	491.04	69.11	Imp Svys
501	6912.00	3.11	55.37	6880.92	-71.98	175.58	459.42	15.00	0.23	0.00	491.83	69.08	Imp Svys
502	6927.00	3.08	55.16	6895.90	-72.29	176.04	460.09	15.00	0.22	0.00	492.62	69.06	Imp Svys
503	6942.00	3.04	55.18	6910.88	-72.59	176.50	460.75	15.00	0.24	113.00	493.40	69.04	MWD Run 3
504	6955.00	3.01	55.62	6923.86	-72.85	176.89	461.31	13.00	0.32	0.00	494.07	69.02	Imp Svys
505	6968.00	2.97	56.18	6936.84	-73.10	177.27	461.88	13.00	0.37	0.00	494.73	69.00	Imp Svys
506	6981.00	2.93	56.68	6949.82	-73.34	177.64	462.43	13.00	0.38	0.00	495.38	68.99	Imp Svys
507	6994.00	2.88	56.93	6962.81	-73.57	178.00	462.98	13.00	0.39	0.00	496.02	68.97	Imp Svys
508	7007.00	2.82	56.68	6975.79	-73.80	178.36	463.53	13.00	0.46	0.00	496.66	68.95	Imp Svys
509	7020.00	2.75	55.57	6988.77	-74.03	178.71	464.05	13.00	0.69	0.00	497.27	68.94	Imp Svys
510	7033.00	2.66	53.04	7001.76	-74.27	179.07	464.55	13.00	1.14	111.20	497.87	68.92	MWD Run 3
511	7048.00	2.56	47.27	7016.74	-74.59	179.50	465.07	15.00	1.88	0.00	498.51	68.90	Imp Svys
512	7063.00	2.49	39.51	7031.73	-74.96	179.98	465.53	15.00	2.32	0.00	499.11	68.86	Imp Svys
513	7078.00	2.48	30.89	7046.72	-75.39	180.51	465.90	15.00	2.49	0.00	499.65	68.82	Imp Svys
514	7093.00	2.52	22.63	7061.70	-75.90	181.09	466.19	15.00	2.41	0.00	500.13	68.77	Imp Svys
515	7108.00	2.59	15.86	7076.69	-76.46	181.72	466.41	15.00	2.06	0.00	500.56	68.71	Imp Svys
516	7123.00	2.08	53.49	7091.67	-76.87	182.21	466.72	15.00	10.53	113.00	501.03	68.67	MWD Run 3
517	7138.00	2.03	54.06	7106.67	-77.09	182.53	467.16	15.00	0.36	0.00	501.55	68.66	Imp Svys
518	7153.00	1.99	52.76	7121.66	-77.30	182.84	467.58	15.00	0.44	0.00	502.06	68.64	Imp Svys
519	7168.00	1.95	52.39	7136.65	-77.52	183.16	467.99	15.00	0.27	0.00	502.56	68.63	Imp Svys
520	7183.00	1.91	52.61	7151.64	-77.74	183.46	468.39	15.00	0.24	0.00	503.04	68.61	Imp Svys
521	7198.00	1.88	53.10	7166.63	-77.94	183.76	468.79	15.00	0.28	0.00	503.52	68.60	Imp Svys
522	7213.00	1.83	53.61	7181.62	-78.14	184.05	469.18	15.00	0.34	113.00	503.99	68.58	MWD Run 3
523	7228.00	1.76	53.23	7196.62	-78.33	184.33	469.55	15.00	0.47	0.00	504.44	68.57	Imp Svys
524	7243.00	1.68	52.56	7211.61	-78.52	184.60	469.91	15.00	0.54	0.00	504.87	68.55	Imp Svys



525	7258.00	1.59	51.75	7226.60	-78.70	184.87	470.25	15.00	0.58	0.00	505.28	68.54	Imp Svys
526	7273.00	1.51	50.95	7241.60	-78.88	185.12	470.57	15.00	0.59	0.00	505.67	68.53	Imp Svys
527	7288.00	1.42	50.35	7256.59	-79.06	185.36	470.86	15.00	0.57	0.00	506.04	68.51	Imp Svys
528	7303.00	1.34	50.20	7271.59	-79.22	185.59	471.14	15.00	0.53	111.20	506.38	68.50	MWD Run 3
529	7316.00	1.28	50.54	7284.58	-79.36	185.78	471.37	13.00	0.49	0.00	506.66	68.49	Imp Svys
530	7329.00	1.22	51.40	7297.58	-79.48	185.96	471.59	13.00	0.47	0.00	506.93	68.48	Imp Svys
531	7342.00	1.17	52.65	7310.58	-79.60	186.13	471.81	13.00	0.47	0.00	507.19	68.47	Imp Svys
532	7355.00	1.12	54.20	7323.58	-79.71	186.28	472.01	13.00	0.46	0.00	507.44	68.46	Imp Svys
533	7368.00	1.07	55.93	7336.57	-79.80	186.43	472.22	13.00	0.45	0.00	507.68	68.46	Imp Svys
534	7381.00	1.02	57.69	7349.57	-79.88	186.56	472.42	13.00	0.43	0.00	507.92	68.45	Imp Svys
535	7394.00	0.98	59.29	7362.57	-79.96	186.67	472.61	13.00	0.39	111.20	508.14	68.45	MWD Run 3
536	7409.00	0.94	56.64	7377.57	-80.04	186.81	472.82	15.00	0.39	0.00	508.39	68.44	Imp Svys
537	7424.00	0.90	53.78	7392.56	-80.13	186.94	473.02	15.00	0.39	0.00	508.62	68.44	Imp Svys
538	7439.00	0.87	50.69	7407.56	-80.23	187.09	473.20	15.00	0.39	0.00	508.85	68.43	Imp Svys
539	7454.00	0.84	47.37	7422.56	-80.34	187.23	473.37	15.00	0.39	0.00	509.06	68.42	Imp Svys
540	7469.00	0.81	43.81	7437.56	-80.45	187.39	473.53	15.00	0.39	0.00	509.26	68.41	Imp Svys
541	7484.00	0.79	40.02	7452.56	-80.58	187.54	473.67	15.00	0.39	113.00	509.44	68.40	MWD Run 3
542	7499.00	0.73	40.54	7467.56	-80.70	187.69	473.80	15.00	0.42	0.00	509.62	68.39	Imp Svys
543	7514.00	0.66	41.17	7482.56	-80.80	187.83	473.92	15.00	0.42	0.00	509.78	68.38	Imp Svys
544	7529.00	0.60	41.92	7497.56	-80.90	187.95	474.03	15.00	0.42	0.00	509.93	68.37	Imp Svys
545	7544.00	0.54	42.85	7512.55	-80.99	188.07	474.13	15.00	0.42	0.00	510.06	68.36	Imp Svys
546	7559.00	0.48	44.03	7527.55	-81.06	188.16	474.22	15.00	0.42	0.00	510.18	68.36	Imp Svys
547	7574.00	0.41	45.56	7542.55	-81.12	188.24	474.30	15.00	0.42	113.00	510.29	68.35	MWD Run 3
548	7587.00	0.45	47.75	7555.55	-81.17	188.31	474.37	13.00	0.29	0.00	510.38	68.35	Imp Svys
549	7600.00	0.48	49.63	7568.55	-81.23	188.38	474.45	13.00	0.29	0.00	510.48	68.34	Imp Svys
550	7613.00	0.52	51.26	7581.55	-81.28	188.45	474.54	13.00	0.29	0.00	510.59	68.34	Imp Svys
551	7626.00	0.55	52.67	7594.55	-81.33	188.53	474.63	13.00	0.29	0.00	510.70	68.34	Imp Svys
552	7639.00	0.59	53.92	7607.55	-81.38	188.60	474.74	13.00	0.29	0.00	510.83	68.33	Imp Svys
553	7652.00	0.62	55.02	7620.55	-81.44	188.68	474.85	13.00	0.29	0.00	510.96	68.33	Imp Svys
554	7665.00	0.66	56.00	7633.55	-81.49	188.77	474.97	13.00	0.29	114.80	511.10	68.33	MWD Run 3
555	7680.00	0.67	61.32	7648.55	-81.55	188.86	475.12	15.00	0.41	0.00	511.28	68.32	Imp Svys
556	7695.00	0.68	66.49	7663.55	-81.59	188.93	475.27	15.00	0.41	0.00	511.45	68.32	Imp Svys
557	7710.00	0.70	71.42	7678.55	-81.61	189.00	475.44	15.00	0.41	0.00	511.63	68.32	Imp Svys
558	7725.00	0.72	76.08	7693.55	-81.63	189.05	475.62	15.00	0.41	0.00	511.82	68.32	Imp Svys
559	7740.00	0.75	80.42	7708.54	-81.62	189.09	475.81	15.00	0.41	0.00	512.00	68.33	Imp Svys
560	7755.00	0.78	84.43	7723.54	-81.61	189.12	476.01	15.00	0.41	114.80	512.20	68.33	MWD Run 3
561	7770.00	0.80	84.54	7738.54	-81.58	189.14	476.21	15.00	0.12	0.00	512.40	68.34	Imp Svys
562	7785.00	0.82	84.64	7753.54	-81.56	189.16	476.42	15.00	0.12	0.00	512.60	68.35	Imp Svys
563	7800.00	0.83	84.73	7768.54	-81.53	189.18	476.64	15.00	0.12	0.00	512.81	68.35	Imp Svys
564	7815.00	0.85	84.82	7783.54	-81.50	189.20	476.86	15.00	0.12	0.00	513.02	68.36	Imp Svys
565	7830.00	0.87	84.91	7798.53	-81.47	189.22	477.08	15.00	0.12	0.00	513.24	68.37	Imp Svys
566	7845.00	0.89	84.99	7813.53	-81.44	189.24	477.31	15.00	0.12	114.80	513.46	68.37	MWD Run 3
567	7860.00	0.91	85.05	7828.53	-81.41	189.26	477.55	15.00	0.16	0.00	513.68	68.38	Imp Svys
568	7875.00	0.94	85.11	7843.53	-81.38	189.28	477.79	15.00	0.16	0.00	513.92	68.39	Imp Svys
569	7890.00	0.96	85.16	7858.53	-81.35	189.30	478.04	15.00	0.16	0.00	514.15	68.40	Imp Svys
570	7905.00	0.98	85.21	7873.52	-81.31	189.32	478.29	15.00	0.16	0.00	514.40	68.41	Imp Svys
571	7920.00	1.01	85.26	7888.52	-81.28	189.34	478.55	15.00	0.16	0.00	514.65	68.41	Imp Svys
572	7935.00	1.03	85.31	7903.52	-81.24	189.36	478.82	15.00	0.16	116.60	514.90	68.42	MWD Run 3
573	7950.00	1.01	84.92	7918.52	-81.20	189.39	479.08	15.00	0.18	0.00	515.16	68.43	Imp Svys
574	7965.00	1.06	87.30	7933.52	-81.16	189.40	479.35	15.00	0.46	0.00	515.41	68.44	Imp Svys
575	7980.00	1.12	89.57	7948.51	-81.11	189.41	479.64	15.00	0.52	0.00	515.68	68.45	Imp Svys
576	7995.00	1.19	91.59	7963.51	-81.04	189.41	479.94	15.00	0.52	0.00	515.96	68.46	Imp Svys
577	8010.00	1.26	93.39	7978.51	-80.96	189.40	480.26	15.00	0.52	0.00	516.26	68.48	Imp Svys
578	8025.00	1.33	95.00	7993.50	-80.86	189.37	480.60	15.00	0.52	116.60	516.56	68.49	MWD Run 3
579	8038.00	1.26	92.83	8006.50	-80.78	189.35	480.89	13.00	0.68	0.00	516.83	68.51	Imp Svys
580	8051.00	1.18	90.06	8019.50	-80.71	189.34	481.17	13.00	0.76	0.00	517.08	68.52	Imp Svys
581	8064.00	1.09	86.68	8032.49	-80.66	189.35	481.42	13.00	0.81	0.00	517.32	68.53	Imp Svys
582	8077.00	1.02	82.70	8045.49	-80.63	189.37	481.66	13.00	0.82	0.00	517.55	68.54	Imp Svys
583	8090.00	0.95	78.17	8058.49	-80.62	189.41	481.88	13.00	0.81	0.00	517.77	68.54	Imp Svys
584	8103.00	0.89	73.27	8071.49	-80.63	189.46	482.08	13.00	0.76	0.00	517.98	68.55	Imp Svys
585	8116.00	0.84	68.35	8084.49	-80.65	189.52	482.27	13.00	0.67	116.60	518.17	68.55	MWD Run 3
586	8131.00	0.84	69.21	8099.48	-80.68	189.60	482.47	15.00	0.09	0.00	518.39	68.55	Imp Svys
587	8146.00	0.85	70.05	8114.48	-80.71	189.68	482.68	15.00	0.09	0.00	518.61	68.55	Imp Svys
588	8161.00	0.86	70.88	8129.48	-80.74	189.75	482.89	15.00	0.09	0.00	518.84	68.55	Imp Svys
589	8176.00	0.86	71.70	8144.48	-80.76	189.83	483.10	15.00	0.09	0.00	519.06	68.55	Imp Svys
590	8191.00	0.87	72.50	8159.48	-80.79	189.90	483.32	15.00	0.09	0.00	519.29	68.55	Imp Svys
591	8206.00	0.88	73.29	8174.48	-80.80	189.96	483.54	15.00	0.09	0.00	519.51	68.55	Imp Svys
592	8221.00	0.88	74.07	8189.47	-80.82	190.03	483.76	15.00	0.09	0.00	519.74	68.55	Imp Svys

593	8236.00	0.89	74.83	8204.47	-80.83	190.09	483.98	15.00	0.09	0.00	519.98	68.56	Imp Svys
594	8251.00	0.90	75.58	8219.47	-80.84	190.15	484.21	15.00	0.09	0.00	520.21	68.56	Imp Svys
595	8266.00	0.91	76.32	8234.47	-80.85	190.21	484.44	15.00	0.09	0.00	520.44	68.56	Imp Svys
596	8281.00	0.91	77.04	8249.47	-80.85	190.26	484.67	15.00	0.09	0.00	520.68	68.57	Imp Svys
597	8296.00	0.92	77.75	8264.47	-80.85	190.32	484.91	15.00	0.09	118.40	520.92	68.57	MWD Run 3
598	8311.00	0.94	81.59	8279.46	-80.84	190.36	485.14	15.00	0.43	0.00	521.15	68.58	Imp Svys
599	8326.00	0.96	85.28	8294.46	-80.82	190.39	485.39	15.00	0.43	0.00	521.39	68.58	Imp Svys
600	8341.00	0.98	88.81	8309.46	-80.77	190.40	485.64	15.00	0.43	0.00	521.63	68.59	Imp Svys
601	8356.00	1.01	92.16	8324.46	-80.72	190.40	485.90	15.00	0.43	0.00	521.88	68.60	Imp Svys
602	8371.00	1.04	95.32	8339.45	-80.64	190.38	486.17	15.00	0.43	0.00	522.12	68.62	Imp Svys
603	8386.00	1.07	98.30	8354.45	-80.55	190.35	486.45	15.00	0.43	118.40	522.36	68.63	MWD Run 3
604	8399.00	1.06	97.20	8367.45	-80.47	190.31	486.69	13.00	0.19	0.00	522.57	68.64	Imp Svys
605	8412.00	1.06	93.30	8380.45	-80.39	190.29	486.92	13.00	0.55	0.00	522.79	68.65	Imp Svys
606	8425.00	1.07	90.09	8393.45	-80.33	190.29	487.17	13.00	0.47	0.00	523.01	68.66	Imp Svys
607	8438.00	1.09	86.95	8406.44	-80.29	190.29	487.41	13.00	0.47	0.00	523.24	68.67	Imp Svys
608	8451.00	1.10	83.91	8419.44	-80.25	190.31	487.66	13.00	0.47	0.00	523.48	68.68	Imp Svys
609	8464.00	1.13	80.98	8432.44	-80.23	190.35	487.91	13.00	0.47	0.00	523.72	68.69	Imp Svys
610	8477.00	1.15	78.17	8445.44	-80.22	190.39	488.16	13.00	0.47	120.20	523.98	68.69	MWD Run 3
611	8492.00	1.06	78.66	8460.43	-80.22	190.45	488.45	15.00	0.61	0.00	524.26	68.70	Imp Svys
612	8507.00	0.95	79.56	8475.43	-80.21	190.50	488.71	15.00	0.72	0.00	524.52	68.70	Imp Svys
613	8522.00	0.84	80.91	8490.43	-80.20	190.54	488.94	15.00	0.76	0.00	524.75	68.71	Imp Svys
614	8537.00	0.73	82.73	8505.43	-80.18	190.57	489.14	15.00	0.74	0.00	524.95	68.71	Imp Svys
615	8552.00	0.64	84.95	8520.43	-80.16	190.59	489.32	15.00	0.66	0.00	525.13	68.72	Imp Svys
616	8567.00	0.57	87.22	8535.43	-80.14	190.60	489.48	15.00	0.50	120.20	525.28	68.72	MWD Run 3
617	8582.00	0.57	92.54	8550.42	-80.11	190.60	489.62	15.00	0.35	0.00	525.42	68.73	Imp Svys
618	8597.00	0.57	97.82	8565.42	-80.06	190.59	489.77	15.00	0.35	0.00	525.55	68.74	Imp Svys
619	8612.00	0.58	102.96	8580.42	-80.00	190.56	489.92	15.00	0.35	0.00	525.68	68.75	Imp Svys
620	8627.00	0.60	107.89	8595.42	-79.93	190.52	490.07	15.00	0.35	0.00	525.80	68.76	Imp Svys
621	8642.00	0.61	112.56	8610.42	-79.85	190.46	490.22	15.00	0.35	0.00	525.92	68.77	Imp Svys
622	8657.00	0.64	116.92	8625.42	-79.75	190.40	490.37	15.00	0.35	0.00	526.03	68.78	Imp Svys
623	8672.00	0.66	120.96	8640.42	-79.63	190.31	490.52	15.00	0.35	0.00	526.14	68.79	Imp Svys
624	8687.00	0.69	124.68	8655.42	-79.51	190.22	490.66	15.00	0.35	0.00	526.25	68.81	Imp Svys
625	8702.00	0.72	128.09	8670.42	-79.37	190.11	490.81	15.00	0.35	0.00	526.34	68.83	Imp Svys
626	8717.00	0.76	131.20	8685.42	-79.22	189.98	490.96	15.00	0.35	0.00	526.44	68.85	Imp Svys
627	8732.00	0.79	134.04	8700.41	-79.05	189.85	491.11	15.00	0.35	0.00	526.53	68.87	Imp Svys
628	8747.00	0.83	136.62	8715.41	-78.87	189.70	491.26	15.00	0.35	122.00	526.61	68.89	MWD Run 3
629	8760.00	0.84	136.50	8728.41	-78.71	189.56	491.39	13.00	0.08	0.00	526.68	68.91	Imp Svys
630	8773.00	0.85	136.37	8741.41	-78.54	189.42	491.52	13.00	0.08	0.00	526.76	68.92	Imp Svys
631	8786.00	0.86	136.25	8754.41	-78.38	189.28	491.66	13.00	0.08	0.00	526.83	68.94	Imp Svys
632	8799.00	0.87	136.13	8767.41	-78.21	189.14	491.79	13.00	0.08	0.00	526.91	68.96	Imp Svys
633	8812.00	0.88	136.01	8780.41	-78.04	188.99	491.93	13.00	0.08	0.00	526.99	68.98	Imp Svys
634	8825.00	0.89	135.90	8793.40	-77.87	188.85	492.07	13.00	0.08	0.00	527.06	69.00	Imp Svys
635	8838.00	0.90	135.78	8806.40	-77.70	188.70	492.21	13.00	0.08	122.00	527.14	69.02	MWD Run 3
636	8853.00	0.97	135.34	8821.40	-77.49	188.53	492.38	15.00	0.45	0.00	527.24	69.05	Imp Svys
637	8868.00	1.03	134.96	8836.40	-77.27	188.34	492.57	15.00	0.45	0.00	527.35	69.07	Imp Svys
638	8883.00	1.10	134.63	8851.40	-77.03	188.15	492.77	15.00	0.45	0.00	527.46	69.10	Imp Svys
639	8898.00	1.17	134.33	8866.39	-76.78	187.94	492.98	15.00	0.45	0.00	527.59	69.13	Imp Svys
640	8913.00	1.23	134.06	8881.39	-76.52	187.72	493.20	15.00	0.45	0.00	527.72	69.16	Imp Svys
641	8928.00	1.30	133.82	8896.39	-76.24	187.49	493.44	15.00	0.45	120.20	527.86	69.20	MWD Run 3
642	8943.00	1.92	131.56	8911.38	-75.90	187.21	493.75	15.00	4.13	0.00	528.05	69.24	Imp Svys
643	8958.00	2.54	130.38	8926.37	-75.43	186.82	494.19	15.00	4.17	0.00	528.33	69.29	Imp Svys
644	8973.00	3.46	136.93	8941.35	-74.78	186.28	494.76	15.00	6.53	0.00	528.66	69.37	Imp Svys
645	8988.00	4.16	143.06	8956.31	-73.89	185.51	495.39	15.00	5.42	0.00	528.99	69.47	Imp Svys
646	9003.00	5.46	149.89	8971.26	-72.72	184.46	496.08	15.00	9.46	0.00	529.26	69.60	Imp Svys
647	9018.00	6.56	155.99	8986.18	-71.19	183.06	496.78	15.00	8.47	122.00	529.44	69.77	MWD Run 3
648	9033.00	8.24	159.79	9001.05	-69.29	181.27	497.51	15.00	11.65	0.00	529.50	69.98	Imp Svys
649	9048.00	9.86	161.98	9015.87	-66.94	179.03	498.27	15.00	11.02	0.00	529.46	70.24	Imp Svys
650	9063.00	11.27	163.34	9030.61	-64.20	176.41	499.09	15.00	9.56	0.00	529.35	70.53	Imp Svys
651	9078.00	12.49	163.86	9045.29	-61.12	173.45	499.96	15.00	8.18	0.00	529.19	70.87	Imp Svys
652	9093.00	13.61	164.84	9059.90	-57.74	170.18	500.88	15.00	7.59	0.00	529.00	71.23	Imp Svys
653	9108.00	13.98	166.64	9074.47	-54.17	166.72	501.76	15.00	3.76	123.80	528.73	71.62	MWD Run 3
654	9123.00	14.36	169.16	9089.01	-50.49	163.13	502.52	15.00	4.83	0.00	528.34	72.02	Imp Svys
655	9138.00	15.88	169.76	9103.49	-46.58	159.28	503.24	15.00	10.20	0.00	527.84	72.44	Imp Svys
656	9153.00	17.67	170.52	9117.85	-42.26	155.02	503.98	15.00	12.05	0.00	527.28	72.90	Imp Svys
657	9168.00	19.18	172.92	9132.09	-37.53	150.32	504.66	15.00	11.22	0.00	526.57	73.41	Imp Svys
658	9183.00	20.81	172.59	9146.18	-32.43	145.24	505.30	15.00	10.95	0.00	525.76	73.96	Imp Svys
659	9198.00	21.81	171.28	9160.15	-26.99	139.84	506.07	15.00	7.37	127.40	525.04	74.55	MWD Run 3
660	9211.00	23.05	170.57	9172.17	-22.04	134.94	506.85	13.00	9.76	0.00	524.51	75.09	Imp Svys

661	9224.00	24.50	170.26	9184.07	-16.81	129.77	507.73	13.00	11.18	0.00	524.05	75.66	Imp Svys
662	9237.00	25.66	170.89	9195.84	-11.30	124.34	508.63	13.00	9.19	0.00	523.61	76.26	Imp Svys
663	9250.00	26.69	170.58	9207.51	-5.58	118.68	509.55	13.00	7.95	0.00	523.19	76.89	Imp Svys
664	9263.00	27.64	169.45	9219.07	0.35	112.83	510.58	13.00	8.37	0.00	522.90	77.54	Imp Svys
665	9276.00	28.62	168.91	9230.54	6.48	106.81	511.73	13.00	7.73	0.00	522.76	78.21	Imp Svys
666	9289.00	29.50	168.16	9241.90	12.79	100.63	512.99	13.00	7.35	127.40	522.76	78.90	MWD Run 3
667	9304.00	30.73	167.33	9254.88	20.32	93.27	514.59	15.00	8.67	0.00	522.97	79.73	Imp Svys
668	9319.00	32.11	166.82	9267.68	28.13	85.65	516.34	15.00	9.35	0.00	523.39	80.58	Imp Svys
669	9334.00	33.34	166.81	9280.30	36.24	77.76	518.19	15.00	8.22	0.00	523.99	81.47	Imp Svys
670	9349.00	34.60	167.60	9292.74	44.62	69.58	520.04	15.00	8.90	0.00	524.67	82.38	Imp Svys
671	9364.00	35.73	168.11	9305.00	53.26	61.14	521.86	15.00	7.76	0.00	525.43	83.32	Imp Svys
672	9379.00	37.08	167.30	9317.07	62.16	52.44	523.75	15.00	9.57	129.20	526.37	84.28	MWD Run 3
673	9394.00	38.41	166.33	9328.93	71.35	43.50	525.85	15.00	9.70	0.00	527.65	85.27	Imp Svys
674	9409.00	39.70	165.17	9340.58	80.79	34.34	528.18	15.00	9.86	0.00	529.29	86.28	Imp Svys
675	9424.00	40.94	163.72	9352.02	90.48	24.99	530.78	15.00	10.40	0.00	531.37	87.30	Imp Svys
676	9439.00	41.90	164.42	9363.27	100.39	15.45	533.51	15.00	7.07	0.00	533.73	88.34	Imp Svys
677	9454.00	43.41	164.93	9374.30	110.54	5.65	536.19	15.00	10.33	0.00	536.22	89.40	Imp Svys
678	9469.00	44.91	164.14	9385.06	120.97	-4.42	538.98	15.00	10.69	129.20	539.00	90.47	MWD Run 3
679	9484.00	46.55	164.35	9395.53	131.70	-14.76	541.89	15.00	10.94	0.00	542.09	91.56	Imp Svys
680	9499.00	48.20	165.34	9405.69	142.72	-25.41	544.78	15.00	12.04	0.00	545.37	92.67	Imp Svys
681	9514.00	49.99	165.71	9415.51	154.05	-36.39	547.61	15.00	12.07	0.00	548.82	93.80	Imp Svys
682	9529.00	51.90	165.75	9424.96	165.69	-47.68	550.48	15.00	12.73	0.00	552.54	94.95	Imp Svys
683	9544.00	53.64	165.13	9434.03	177.63	-59.24	553.48	15.00	12.07	0.00	556.65	96.11	Imp Svys
684	9559.00	55.35	165.17	9442.75	189.83	-71.04	556.61	15.00	11.40	131.00	561.13	97.27	MWD Run 3
685	9574.00	57.15	165.94	9451.08	202.29	-83.12	559.72	15.00	12.77	0.00	565.86	98.45	Imp Svys
686	9589.00	58.80	167.11	9459.03	215.01	-95.48	562.69	15.00	12.77	0.00	570.73	99.63	Imp Svys
687	9604.00	60.54	168.22	9466.61	227.95	-108.13	565.45	15.00	13.31	0.00	575.70	100.83	Imp Svys
688	9619.00	62.09	169.34	9473.81	241.11	-121.04	568.01	15.00	12.23	0.00	580.76	102.03	Imp Svys
689	9634.00	63.76	169.69	9480.63	254.46	-134.17	570.44	15.00	11.27	0.00	586.01	103.24	Imp Svys
690	9649.00	65.70	169.73	9487.04	268.01	-147.52	572.86	15.00	12.98	131.00	591.55	104.44	MWD Run 3
691	9664.00	67.60	170.05	9492.98	281.77	-161.07	575.28	15.00	12.80	0.00	597.40	105.64	Imp Svys
692	9679.00	69.65	169.75	9498.45	295.72	-174.82	577.73	15.00	13.77	0.00	603.60	106.84	Imp Svys
693	9694.00	71.71	169.46	9503.41	309.87	-188.75	580.28	15.00	13.87	0.00	610.21	108.02	Imp Svys
694	9709.00	73.74	169.73	9507.87	324.18	-202.83	582.87	15.00	13.67	0.00	617.15	109.19	Imp Svys
695	9724.00	75.84	169.80	9511.80	338.64	-217.08	585.44	15.00	14.01	0.00	624.39	110.34	Imp Svys
696	9739.00	76.13	169.64	9515.43	353.19	-231.40	588.04	15.00	2.17	132.80	631.93	111.48	MWD Run 3
697	9754.00	76.16	169.20	9519.02	367.74	-245.71	590.71	15.00	2.82	0.00	639.78	112.59	Imp Svys
698	9769.00	76.31	168.65	9522.59	382.31	-260.01	593.51	15.00	3.70	0.00	647.97	113.66	Imp Svys
699	9784.00	76.28	168.24	9526.15	396.88	-274.29	596.43	15.00	2.67	0.00	656.48	114.70	Imp Svys
700	9799.00	76.70	168.00	9529.65	411.46	-288.56	599.43	15.00	3.15	0.00	665.27	115.71	Imp Svys
701	9814.00	78.54	168.41	9532.87	426.11	-302.90	602.42	15.00	12.58	0.00	674.29	116.69	Imp Svys
702	9829.00	79.48	168.42	9535.73	440.83	-317.33	605.38	15.00	6.26	132.80	683.51	117.66	MWD Run 3
703	9842.00	80.07	168.31	9538.03	453.63	-329.86	607.96	13.00	4.65	0.00	691.68	118.48	Imp Svys
704	9855.00	80.64	168.17	9540.21	466.44	-342.41	610.57	13.00	4.45	0.00	700.03	119.28	Imp Svys
705	9868.00	82.34	167.92	9542.14	479.30	-354.98	613.24	13.00	13.28	0.00	708.57	120.07	Imp Svys
706	9881.00	84.29	167.64	9543.65	492.21	-367.60	615.97	13.00	15.11	0.00	717.32	120.83	Imp Svys
707	9894.00	85.26	168.08	9544.83	505.15	-380.26	618.69	13.00	8.19	0.00	726.21	121.58	Imp Svys
708	9907.00	86.32	168.67	9545.79	518.12	-392.96	621.31	13.00	9.33	0.00	735.14	122.31	Imp Svys
709	9920.00	87.00	168.69	9546.54	531.09	-405.68	623.85	13.00	5.19	134.60	744.16	123.04	MWD Run 3
710	9935.00	87.73	168.84	9547.23	546.07	-420.38	626.77	15.00	4.97	0.00	754.69	123.85	Imp Svys
711	9950.00	89.75	169.57	9547.57	561.06	-435.11	629.58	15.00	14.32	0.00	765.30	124.65	Imp Svys
712	9965.00	90.42	169.78	9547.54	576.05	-449.87	632.27	15.00	4.67	0.00	775.98	125.43	Imp Svys
713	9980.00	90.80	169.93	9547.38	591.04	-464.63	634.91	15.00	2.73	0.00	786.76	126.20	Imp Svys
714	9995.00	91.12	170.09	9547.13	606.02	-479.40	637.51	15.00	2.41	0.00	797.65	126.94	Imp Svys
715	10010.00	91.36	170.23	9546.81	621.00	-494.18	640.08	15.00	1.87	134.60	808.65	127.67	MWD Run 3
716	10025.00	91.46	170.34	9546.44	635.98	-508.96	642.61	15.00	0.95	0.00	819.75	128.38	Imp Svys
717	10040.00	89.72	170.16	9546.28	650.96	-523.74	645.15	15.00	11.66	0.00	830.97	129.07	Imp Svys
718	10055.00	89.68	170.24	9546.36	665.94	-538.52	647.70	15.00	0.60	0.00	842.33	129.74	Imp Svys
719	10070.00	89.60	170.33	9546.46	680.92	-553.30	650.23	15.00	0.77	0.00	853.78	130.40	Imp Svys
720	10085.00	89.52	170.43	9546.57	695.91	-568.09	652.74	15.00	0.86	0.00	865.33	131.03	Imp Svys
721	10100.00	89.28	169.38	9546.73	710.89	-582.86	655.37	15.00	7.17	136.40	877.06	131.65	MWD Run 3
722	10115.00	89.29	169.57	9546.92	725.88	-597.61	658.11	15.00	1.30	0.00	888.95	132.24	Imp Svys
723	10130.00	89.32	169.80	9547.10	740.87	-612.36	660.79	15.00	1.52	0.00	900.91	132.82	Imp Svys
724	10145.00	89.37	170.04	9547.27	755.85	-627.13	663.42	15.00	1.62	0.00	912.92	133.39	Imp Svys
725	10160.00	89.42	170.28	9547.43	770.84	-641.91	665.98	15.00	1.61	0.00	924.98	133.95	Imp Svys
726	10175.00	89.46	170.49	9547.58	785.82	-656.70	668.49	15.00	1.49	0.00	937.09	134.49	Imp Svys
727	10190.00	88.46	168.94	9547.85	800.80	-671.45	671.17	15.00	12.34	136.40	949.38	135.01	MWD Run 3
728	10205.00	87.39	167.26	9548.39	815.79	-686.12	674.26	15.00	13.25	0.00	961.97	135.50	Imp Svys

729	10220.00	87.21	167.18	9549.10	830.78	-700.73	677.57	15.00	1.31	0.00	974.75	135.96	Imp Svys
730	10235.00	87.14	167.35	9549.84	845.76	-715.35	680.87	15.00	1.17	0.00	987.58	136.41	Imp Svys
731	10250.00	87.07	167.51	9550.60	860.74	-729.97	684.14	15.00	1.17	0.00	1000.45	136.86	Imp Svys
732	10265.00	86.99	167.65	9551.37	875.72	-744.60	687.36	15.00	1.10	0.00	1013.35	137.29	Imp Svys
733	10280.00	86.80	166.89	9552.18	890.70	-759.21	690.66	15.00	5.25	138.20	1026.35	137.71	MWD Run 3
734	10295.00	86.65	166.23	9553.04	905.67	-773.77	694.14	15.00	4.51	0.00	1039.50	138.11	Imp Svys
735	10310.00	86.59	166.30	9553.93	920.64	-788.32	697.70	15.00	0.66	0.00	1052.72	138.49	Imp Svys
736	10325.00	86.53	166.37	9554.82	935.61	-802.87	701.23	15.00	0.55	0.00	1065.98	138.87	Imp Svys
737	10340.00	86.50	166.41	9555.74	950.58	-817.42	704.76	15.00	0.41	0.00	1079.28	139.23	Imp Svys
738	10355.00	86.73	166.39	9556.62	965.55	-831.97	708.28	15.00	1.55	0.00	1092.63	139.59	Imp Svys
739	10370.00	88.16	166.11	9557.29	980.53	-846.53	711.84	15.00	9.73	138.20	1106.04	139.94	MWD Run 3
740	10383.00	88.24	166.08	9557.70	993.52	-859.14	714.96	13.00	0.63	0.00	1117.72	140.23	Imp Svys
741	10396.00	88.34	166.05	9558.09	1006.51	-871.75	718.09	13.00	0.86	0.00	1129.43	140.52	Imp Svys
742	10409.00	88.47	166.01	9558.45	1019.50	-884.36	721.23	13.00	1.01	0.00	1141.17	140.80	Imp Svys
743	10422.00	88.61	165.97	9558.78	1032.49	-896.97	724.37	13.00	1.10	0.00	1152.94	141.08	Imp Svys
744	10435.00	88.76	165.94	9559.08	1045.48	-909.58	727.53	13.00	1.17	0.00	1164.74	141.35	Imp Svys
745	10448.00	88.91	165.93	9559.35	1058.48	-922.19	730.69	13.00	1.22	0.00	1176.58	141.61	Imp Svys
746	10461.00	89.08	165.95	9559.57	1071.47	-934.80	733.84	13.00	1.29	140.00	1188.43	141.87	MWD Run 3
747	10476.00	89.28	166.02	9559.79	1086.46	-949.35	737.48	15.00	1.45	0.00	1202.14	142.16	Imp Svys
748	10491.00	89.49	166.14	9559.95	1101.46	-963.91	741.08	15.00	1.56	0.00	1215.86	142.45	Imp Svys
749	10506.00	89.68	166.27	9560.06	1116.45	-978.47	744.66	15.00	1.58	0.00	1229.61	142.73	Imp Svys
750	10521.00	89.86	166.40	9560.12	1131.45	-993.05	748.20	15.00	1.48	0.00	1243.36	143.00	Imp Svys
751	10536.00	90.01	166.53	9560.13	1146.45	-1007.63	751.72	15.00	1.26	0.00	1257.14	143.28	Imp Svys
752	10551.00	90.10	166.62	9560.12	1161.45	-1022.22	755.20	15.00	0.88	140.00	1270.93	143.54	MWD Run 3
753	10566.00	90.10	166.67	9560.09	1176.44	-1036.82	758.66	15.00	0.29	0.00	1284.74	143.81	Imp Svys
754	10581.00	90.05	166.68	9560.07	1191.44	-1051.41	762.12	15.00	0.36	0.00	1298.57	144.06	Imp Svys
755	10596.00	89.96	166.68	9560.07	1206.44	-1066.01	765.58	15.00	0.57	0.00	1312.43	144.32	Imp Svys
756	10611.00	89.86	166.66	9560.10	1221.44	-1080.60	769.04	15.00	0.68	0.00	1326.32	144.56	Imp Svys
757	10626.00	89.75	166.65	9560.15	1236.44	-1095.20	772.50	15.00	0.71	0.00	1340.23	144.80	Imp Svys
758	10641.00	89.66	166.64	9560.22	1251.44	-1109.79	775.96	15.00	0.65	140.00	1354.16	145.04	MWD Run 3
759	10656.00	89.59	166.65	9560.32	1266.43	-1124.39	779.43	15.00	0.48	0.00	1368.12	145.27	Imp Svys
760	10671.00	89.53	166.67	9560.44	1281.43	-1138.98	782.89	15.00	0.40	0.00	1382.10	145.50	Imp Svys
761	10686.00	89.48	166.70	9560.57	1296.43	-1153.58	786.34	15.00	0.36	0.00	1396.09	145.72	Imp Svys
762	10701.00	89.44	166.72	9560.71	1311.43	-1168.18	789.79	15.00	0.33	0.00	1410.11	145.94	Imp Svys
763	10716.00	89.40	166.74	9560.86	1326.43	-1182.78	793.23	15.00	0.31	0.00	1424.14	146.15	Imp Svys
764	10731.00	89.35	166.75	9561.03	1341.42	-1197.37	796.67	15.00	0.30	141.80	1438.19	146.36	MWD Run 3
765	10744.67	89.31	166.75	9561.19	1355.09	-1210.68	799.80	13.67	0.31	0.00	1451.01	146.55	Imp Svys
766	10758.33	89.27	166.74	9561.36	1368.75	-1223.98	802.93	13.67	0.33	0.00	1463.84	146.73	Imp Svys
767	10772.00	89.22	166.72	9561.54	1382.42	-1237.28	806.07	13.67	0.36	0.00	1476.69	146.92	Imp Svys
768	10785.67	89.17	166.70	9561.73	1396.08	-1250.58	809.21	13.67	0.38	0.00	1489.55	147.09	Imp Svys
769	10799.33	89.12	166.67	9561.93	1409.74	-1263.88	812.36	13.67	0.41	0.00	1502.43	147.27	Imp Svys
770	10813.00	89.07	166.64	9562.15	1423.41	-1277.17	815.51	13.67	0.45	0.00	1515.33	147.44	Imp Svys
771	10826.67	89.02	166.60	9562.37	1437.07	-1290.47	818.67	13.67	0.50	0.00	1528.24	147.61	Imp Svys
772	10840.33	88.97	166.54	9562.61	1450.73	-1303.76	821.85	13.67	0.57	0.00	1541.17	147.77	Imp Svys
773	10854.00	88.91	166.47	9562.87	1464.40	-1317.04	825.04	13.67	0.68	138.20	1554.12	147.94	MWD Run 4
774	10869.00	88.85	166.35	9563.16	1479.39	-1331.62	828.56	15.00	0.86	0.00	1568.35	148.11	Imp Svys
775	10884.00	88.78	166.23	9563.47	1494.38	-1346.19	832.11	15.00	0.93	0.00	1582.61	148.28	Imp Svys
776	10899.00	88.72	166.11	9563.80	1509.38	-1360.75	835.70	15.00	0.89	0.00	1596.89	148.44	Imp Svys
777	10914.00	88.68	166.01	9564.14	1524.37	-1375.31	839.31	15.00	0.74	0.00	1611.18	148.61	Imp Svys
778	10929.00	88.66	165.94	9564.48	1539.36	-1389.86	842.95	15.00	0.46	0.00	1625.50	148.76	Imp Svys
779	10944.00	89.72	165.93	9564.70	1554.35	-1404.41	846.59	15.00	7.05	138.20	1639.84	148.92	MWD Run 4
780	10957.14	89.95	166.00	9564.73	1567.49	-1417.16	849.78	13.14	1.83	0.00	1652.41	149.05	Imp Svys
781	10970.29	90.04	166.11	9564.74	1580.63	-1429.91	852.94	13.14	1.09	0.00	1664.98	149.18	Imp Svys
782	10983.43	90.14	166.24	9564.72	1593.77	-1442.67	856.08	13.14	1.28	0.00	1677.55	149.32	Imp Svys
783	10996.57	90.25	166.38	9564.67	1606.91	-1455.44	859.19	13.14	1.32	0.00	1690.13	149.45	Imp Svys
784	11009.71	90.34	166.51	9564.60	1620.05	-1468.22	862.27	13.14	1.21	0.00	1702.70	149.57	Imp Svys
785	11022.86	90.41	166.61	9564.52	1633.19	-1481.00	865.33	13.14	0.94	0.00	1715.27	149.70	Imp Svys
786	11036.00	90.44	166.67	9564.42	1646.33	-1493.79	868.36	13.14	0.48	140.00	1727.85	149.83	MWD Run 4
787	11049.14	90.40	166.64	9564.32	1659.47	-1506.58	871.40	13.14	0.35	0.00	1740.43	149.96	Imp Svys
788	11062.29	90.33	166.57	9564.24	1672.61	-1519.36	874.44	13.14	0.82	0.00	1753.03	150.08	Imp Svys
789	11075.43	90.22	166.47	9564.18	1685.75	-1532.14	877.51	13.14	1.12	0.00	1765.64	150.20	Imp Svys
790	11088.57	90.10	166.35	9564.14	1698.89	-1544.92	880.59	13.14	1.26	0.00	1778.26	150.32	Imp Svys
791	11101.71	89.97	166.24	9564.13	1712.03	-1557.69	883.71	13.14	1.29	0.00	1790.90	150.43	Imp Svys
792	11114.86	89.85	166.14	9564.15	1725.17	-1570.45	886.85	13.14	1.20	0.00	1803.55	150.55	Imp Svys
793	11128.00	89.74	166.07	9564.20	1738.31	-1583.21	890.00	13.14	1.00	141.80	1816.22	150.66	MWD Run 4
794	11141.14	89.65	166.06	9564.27	1751.45	-1595.96	893.17	13.14	0.68	0.00	1828.89	150.77	Imp Svys
795	11154.29	89.58	166.08	9564.36	1764.59	-1608.72	896.33	13.14	0.58	0.00	1841.57	150.87	Imp Svys
796	11167.43	89.52	166.12	9564.46	1777.73	-1621.48	899.49	13.14	0.58	0.00	1854.26	150.98	Imp Svys

797	11180.57	89.46	166.18	9564.58	1790.87	-1634.24	902.63	13.14	0.61	0.00	1866.94	151.09	Imp Svys
798	11193.71	89.42	166.26	9564.71	1804.00	-1647.00	905.76	13.14	0.65	0.00	1879.63	151.19	Imp Svys
799	11206.86	89.38	166.33	9564.85	1817.14	-1659.77	908.88	13.14	0.68	0.00	1892.32	151.30	Imp Svys
800	11220.00	89.60	166.52	9564.96	1830.28	-1672.54	911.96	13.14	2.23	141.80	1905.01	151.40	MWD Run 4
801	11233.29	90.26	166.88	9564.98	1843.57	-1685.47	915.02	13.29	5.69	0.00	1917.83	151.50	Imp Svys
802	11246.57	90.25	166.99	9564.92	1856.85	-1698.42	918.02	13.29	0.80	0.00	1930.64	151.61	Imp Svys
803	11259.86	90.23	167.09	9564.86	1870.14	-1711.36	921.00	13.29	0.81	0.00	1943.45	151.71	Imp Svys
804	11273.14	90.21	167.19	9564.81	1883.42	-1724.32	923.96	13.29	0.77	0.00	1956.26	151.82	Imp Svys
805	11286.43	90.19	167.28	9564.77	1896.71	-1737.27	926.89	13.29	0.67	0.00	1969.07	151.92	Imp Svys
806	11299.71	90.17	167.34	9564.72	1909.99	-1750.23	929.81	13.29	0.51	0.00	1981.88	152.02	Imp Svys
807	11313.00	90.13	167.36	9564.69	1923.28	-1763.20	932.72	13.29	0.34	143.60	1994.70	152.12	MWD Run 4
808	11326.14	90.06	167.32	9564.67	1936.42	-1776.02	935.60	13.14	0.58	0.00	2007.38	152.22	Imp Svys
809	11339.29	89.99	167.24	9564.66	1949.57	-1788.84	938.49	13.14	0.83	0.00	2020.08	152.32	Imp Svys
810	11352.43	89.92	167.14	9564.67	1962.71	-1801.66	941.41	13.14	0.95	0.00	2032.78	152.41	Imp Svys
811	11365.57	89.85	167.03	9564.70	1975.85	-1814.47	944.34	13.14	0.95	0.00	2045.50	152.51	Imp Svys
812	11378.71	89.80	166.94	9564.74	1988.99	-1827.27	947.30	13.14	0.83	0.00	2058.23	152.60	Imp Svys
813	11391.86	89.77	166.87	9564.79	2002.13	-1840.07	950.28	13.14	0.57	0.00	2070.97	152.69	Imp Svys
814	11405.00	89.78	166.84	9564.84	2015.28	-1852.87	953.27	13.14	0.20	145.40	2083.71	152.77	MWD Run 4
815	11418.14	89.85	166.90	9564.88	2028.42	-1865.67	956.26	13.14	0.69	0.00	2096.46	152.86	Imp Svys
816	11431.29	89.96	167.00	9564.90	2041.56	-1878.47	959.23	13.14	1.13	0.00	2109.21	152.95	Imp Svys
817	11444.43	90.09	167.12	9564.90	2054.70	-1891.28	962.17	13.14	1.37	0.00	2121.96	153.04	Imp Svys
818	11457.57	90.22	167.26	9564.86	2067.85	-1904.10	965.08	13.14	1.45	0.00	2134.71	153.12	Imp Svys
819	11470.71	90.34	167.40	9564.80	2080.99	-1916.92	967.97	13.14	1.38	0.00	2147.45	153.21	Imp Svys
820	11483.86	90.57	167.59	9564.70	2094.13	-1929.75	970.81	13.14	2.33	0.00	2160.19	153.29	Imp Svys
821	11497.00	91.22	168.00	9564.49	2107.27	-1942.60	973.59	13.14	5.79	143.60	2172.91	153.38	MWD Run 4
822	11510.14	91.22	168.05	9564.21	2120.41	-1955.45	976.32	13.14	0.41	0.00	2185.63	153.47	Imp Svys
823	11523.29	91.19	168.08	9563.93	2133.55	-1968.31	979.03	13.14	0.33	0.00	2198.35	153.55	Imp Svys
824	11536.43	91.14	168.10	9563.67	2146.69	-1981.16	981.74	13.14	0.41	0.00	2211.07	153.64	Imp Svys
825	11549.57	91.07	168.10	9563.41	2159.83	-1994.02	984.46	13.14	0.51	0.00	2223.80	153.72	Imp Svys
826	11562.71	90.99	168.08	9563.18	2172.97	-2006.88	987.17	13.14	0.61	0.00	2236.53	153.81	Imp Svys
827	11575.86	90.91	168.04	9562.96	2186.11	-2019.74	989.89	13.14	0.71	0.00	2249.27	153.89	Imp Svys
828	11589.00	90.81	167.98	9562.76	2199.25	-2032.59	992.62	13.14	0.83	147.20	2262.01	153.97	MWD Run 4
829	11602.14	90.72	167.89	9562.59	2212.39	-2045.44	995.36	13.14	1.04	0.00	2274.77	154.05	Imp Svys
830	11615.29	90.61	167.78	9562.43	2225.53	-2058.29	998.13	13.14	1.16	0.00	2287.54	154.13	Imp Svys
831	11628.43	90.51	167.65	9562.30	2238.68	-2071.13	1000.93	13.14	1.23	0.00	2300.31	154.21	Imp Svys
832	11641.57	90.41	167.52	9562.20	2251.82	-2083.96	1003.75	13.14	1.25	0.00	2313.10	154.28	Imp Svys
833	11654.71	90.32	167.39	9562.12	2264.96	-2096.79	1006.61	13.14	1.22	0.00	2325.90	154.36	Imp Svys
834	11667.86	90.23	167.27	9562.05	2278.10	-2109.62	1009.49	13.14	1.14	0.00	2338.71	154.43	Imp Svys
835	11681.00	90.16	167.16	9562.01	2291.25	-2122.43	1012.40	13.14	1.01	147.20	2351.53	154.50	MWD Run 4
836	11694.71	90.10	167.07	9561.98	2304.96	-2135.80	1015.46	13.71	0.78	0.00	2364.91	154.57	Imp Svys
837	11708.43	90.07	166.99	9561.96	2318.67	-2149.17	1018.54	13.71	0.61	0.00	2378.30	154.64	Imp Svys
838	11722.14	90.04	166.93	9561.94	2332.39	-2162.53	1021.63	13.71	0.47	0.00	2391.70	154.71	Imp Svys
839	11735.86	90.03	166.88	9561.93	2346.10	-2175.88	1024.74	13.71	0.36	0.00	2405.11	154.78	Imp Svys
840	11749.57	90.04	166.85	9561.92	2359.81	-2189.24	1027.85	13.71	0.25	0.00	2418.52	154.85	Imp Svys
841	11763.29	90.06	166.83	9561.91	2373.53	-2202.59	1030.98	13.71	0.21	0.00	2431.94	154.92	Imp Svys
842	11777.00	90.10	166.83	9561.89	2387.24	-2215.95	1034.10	13.71	0.31	149.00	2445.36	154.98	MWD Run 4
843	11790.57	90.17	166.85	9561.86	2400.81	-2229.16	1037.19	13.57	0.57	0.00	2458.64	155.05	Imp Svys
844	11804.14	90.27	166.90	9561.81	2414.38	-2242.38	1040.27	13.57	0.77	0.00	2471.93	155.11	Imp Svys
845	11817.71	90.38	166.96	9561.73	2427.95	-2255.60	1043.34	13.57	0.93	0.00	2485.21	155.18	Imp Svys
846	11831.29	90.50	167.04	9561.63	2441.52	-2268.82	1046.39	13.57	1.08	0.00	2498.50	155.24	Imp Svys
847	11844.86	90.63	167.15	9561.49	2455.09	-2282.05	1049.43	13.57	1.23	0.00	2511.78	155.30	Imp Svys
848	11858.43	90.77	167.28	9561.33	2468.66	-2295.28	1052.43	13.57	1.41	0.00	2525.06	155.37	Imp Svys
849	11872.00	90.92	167.45	9561.13	2482.23	-2308.53	1055.40	13.57	1.65	150.80	2538.34	155.43	MWD Run 4
850	11885.57	91.08	167.67	9560.89	2495.80	-2321.78	1058.32	13.57	2.02	0.00	2551.61	155.50	Imp Svys
851	11899.14	91.25	167.92	9560.61	2509.37	-2335.04	1061.19	13.57	2.24	0.00	2564.86	155.56	Imp Svys
852	11912.71	91.42	168.19	9560.30	2522.94	-2348.31	1064.00	13.57	2.37	0.00	2578.11	155.63	Imp Svys
853	11926.29	91.59	168.47	9559.94	2536.50	-2361.60	1066.74	13.57	2.41	0.00	2591.35	155.69	Imp Svys
854	11939.86	91.76	168.75	9559.54	2550.07	-2374.90	1069.42	13.57	2.38	0.00	2604.57	155.76	Imp Svys
855	11953.43	91.92	169.01	9559.11	2563.63	-2388.21	1072.04	13.57	2.25	0.00	2617.78	155.83	Imp Svys
856	11967.00	92.06	169.24	9558.64	2577.19	-2401.53	1074.60	13.57	2.01	150.80	2630.99	155.89	MWD Run 4
857	11980.57	92.18	169.43	9558.13	2590.74	-2414.85	1077.10	13.57	1.60	0.00	2644.18	155.96	Imp Svys
858	11994.14	92.28	169.58	9557.61	2604.29	-2428.19	1079.58	13.57	1.34	0.00	2657.36	156.03	Imp Svys
859	12007.71	92.37	169.71	9557.06	2617.84	-2441.53	1082.01	13.57	1.16	0.00	2670.55	156.10	Imp Svys
860	12021.29	92.44	169.83	9556.49	2631.39	-2454.87	1084.42	13.57	1.05	0.00	2683.72	156.17	Imp Svys
861	12034.86	92.50	169.95	9555.90	2644.94	-2468.22	1086.80	13.57	0.97	0.00	2696.90	156.24	Imp Svys
862	12048.43	92.54	170.07	9555.31	2658.49	-2481.57	1089.15	13.57	0.93	0.00	2710.07	156.30	Imp Svys
863	12062.00	91.47	169.47	9554.83	2672.04	-2494.92	1091.56	13.57	9.04	150.80	2723.26	156.37	MWD Run 4
864	12075.57	91.46	169.61	9554.49	2685.60	-2508.26	1094.02	13.57	1.06	0.00	2736.47	156.43	Imp Svys

865	12089.14	91.43	169.77	9554.14	2699.15	-2521.61	1096.45	13.57	1.14	0.00	2749.68	156.50	Imp Svys
866	12102.71	91.39	169.92	9553.81	2712.71	-2534.96	1098.85	13.57	1.17	0.00	2762.88	156.56	Imp Svys
867	12116.29	91.36	170.07	9553.48	2726.26	-2548.33	1101.20	13.57	1.15	0.00	2776.08	156.63	Imp Svys
868	12129.86	91.33	170.22	9553.17	2739.82	-2561.69	1103.52	13.57	1.09	0.00	2789.27	156.69	Imp Svys
869	12143.43	91.31	170.35	9552.85	2753.37	-2575.07	1105.82	13.57	0.97	0.00	2802.46	156.76	Imp Svys
870	12157.00	90.45	169.95	9552.64	2766.92	-2588.44	1108.14	13.57	6.96	149.00	2815.66	156.82	MWD Run 4
871	12170.57	89.85	169.66	9552.61	2780.48	-2601.79	1110.54	13.57	4.95	0.00	2828.89	156.89	Imp Svys
872	12184.14	89.91	169.72	9552.64	2794.05	-2615.15	1112.97	13.57	0.67	0.00	2842.13	156.95	Imp Svys
873	12197.71	89.99	169.78	9552.65	2807.61	-2628.50	1115.38	13.57	0.71	0.00	2855.36	157.01	Imp Svys
874	12211.29	90.07	169.84	9552.64	2821.17	-2641.86	1117.78	13.57	0.76	0.00	2868.60	157.07	Imp Svys
875	12224.86	90.16	169.91	9552.62	2834.73	-2655.22	1120.17	13.57	0.82	0.00	2881.83	157.13	Imp Svys
876	12238.43	90.23	169.90	9552.57	2848.29	-2668.58	1122.55	13.57	0.49	0.00	2895.07	157.19	Imp Svys
877	12252.00	89.95	168.85	9552.55	2861.85	-2681.92	1125.05	13.57	8.03	150.80	2908.34	157.24	MWD Run 4
878	12265.57	90.05	169.00	9552.55	2875.42	-2695.24	1127.66	13.57	1.33	0.00	2921.63	157.30	Imp Svys
879	12279.14	90.15	169.17	9552.52	2888.98	-2708.56	1130.23	13.57	1.46	0.00	2934.91	157.35	Imp Svys
880	12292.71	90.26	169.34	9552.48	2902.55	-2721.89	1132.76	13.57	1.50	0.00	2948.19	157.40	Imp Svys
881	12306.29	90.35	169.51	9552.40	2916.11	-2735.24	1135.25	13.57	1.45	0.00	2961.47	157.46	Imp Svys
882	12319.86	90.44	169.67	9552.31	2929.67	-2748.58	1137.70	13.57	1.30	0.00	2974.74	157.51	Imp Svys
883	12333.43	90.50	169.80	9552.20	2943.24	-2761.94	1140.12	13.57	1.04	0.00	2988.00	157.57	Imp Svys
884	12347.00	90.53	169.88	9552.08	2956.79	-2775.30	1142.51	13.57	0.62	152.60	3001.27	157.62	MWD Run 4
885	12360.43	90.51	169.87	9551.95	2970.21	-2788.51	1144.87	13.43	0.14	0.00	3014.39	157.68	Imp Svys
886	12373.86	90.47	169.83	9551.84	2983.63	-2801.73	1147.24	13.43	0.50	0.00	3027.52	157.73	Imp Svys
887	12387.29	90.40	169.75	9551.74	2997.05	-2814.95	1149.62	13.43	0.71	0.00	3040.65	157.78	Imp Svys
888	12400.71	90.34	169.67	9551.65	3010.46	-2828.16	1152.02	13.43	0.79	0.00	3053.79	157.84	Imp Svys
889	12414.14	90.28	169.59	9551.58	3023.88	-2841.37	1154.44	13.43	0.73	0.00	3066.94	157.89	Imp Svys
890	12427.57	90.23	169.54	9551.52	3037.30	-2854.58	1156.87	13.43	0.53	0.00	3080.09	157.94	Imp Svys
891	12441.00	90.09	169.23	9551.48	3050.72	-2867.77	1159.34	13.43	2.55	152.60	3093.25	157.99	MWD Run 4
892	12454.71	89.71	168.41	9551.51	3064.43	-2881.23	1162.00	13.71	6.61	0.00	3106.72	158.04	Imp Svys
893	12468.43	89.80	168.50	9551.57	3078.15	-2894.66	1164.75	13.71	0.97	0.00	3120.21	158.08	Imp Svys
894	12482.14	89.92	168.63	9551.60	3091.86	-2908.11	1167.47	13.71	1.25	0.00	3133.70	158.13	Imp Svys
895	12495.86	90.04	168.76	9551.60	3105.57	-2921.55	1170.15	13.71	1.34	0.00	3147.18	158.17	Imp Svys
896	12509.57	90.16	168.89	9551.58	3119.28	-2935.01	1172.81	13.71	1.26	0.00	3160.66	158.22	Imp Svys
897	12523.29	90.24	169.00	9551.53	3132.99	-2948.47	1175.44	13.71	1.00	0.00	3174.13	158.26	Imp Svys
898	12537.00	90.28	169.06	9551.47	3146.70	-2961.93	1178.05	13.71	0.53	154.40	3187.61	158.31	MWD Run 4
899	12550.57	90.22	169.05	9551.41	3160.27	-2975.26	1180.63	13.57	0.42	0.00	3200.94	158.36	Imp Svys
900	12564.14	90.11	169.00	9551.37	3173.83	-2988.58	1183.21	13.57	0.87	0.00	3214.28	158.40	Imp Svys
901	12577.71	89.98	168.93	9551.36	3187.40	-3001.90	1185.81	13.57	1.10	0.00	3227.62	158.44	Imp Svys
902	12591.29	89.83	168.88	9551.38	3200.97	-3015.22	1188.42	13.57	1.14	0.00	3240.97	158.49	Imp Svys
903	12604.86	89.45	168.55	9551.47	3214.53	-3028.53	1191.08	13.57	3.70	0.00	3254.33	158.53	Imp Svys
904	12618.43	88.86	167.70	9551.67	3228.10	-3041.81	1193.87	13.57	7.61	0.00	3267.71	158.57	Imp Svys
905	12632.00	88.68	167.42	9551.96	3241.67	-3055.06	1196.79	13.57	2.49	154.40	3281.11	158.61	MWD Run 4
906	12645.43	88.54	167.55	9552.28	3255.10	-3068.16	1199.70	13.43	1.38	0.00	3294.37	158.64	Imp Svys
907	12658.86	88.41	167.71	9552.64	3268.52	-3081.27	1202.58	13.43	1.59	0.00	3307.63	158.68	Imp Svys
908	12672.29	88.28	167.90	9553.03	3281.94	-3094.39	1205.41	13.43	1.70	0.00	3320.89	158.72	Imp Svys
909	12685.71	88.15	168.09	9553.45	3295.36	-3107.52	1208.20	13.43	1.71	0.00	3334.13	158.75	Imp Svys
910	12699.14	88.02	168.27	9553.90	3308.78	-3120.66	1210.95	13.43	1.62	0.00	3347.37	158.79	Imp Svys
911	12712.57	87.91	168.42	9554.37	3322.20	-3133.80	1213.66	13.43	1.41	0.00	3360.61	158.83	Imp Svys
912	12726.00	87.81	168.52	9554.87	3335.62	-3146.95	1216.35	13.43	1.06	156.20	3373.84	158.87	MWD Run 4
913	12739.71	87.72	168.53	9555.41	3349.32	-3160.38	1219.07	13.71	0.62	0.00	3387.35	158.91	Imp Svys
914	12753.43	87.65	168.49	9555.96	3363.02	-3173.81	1221.80	13.71	0.59	0.00	3400.86	158.95	Imp Svys
915	12767.14	87.59	168.43	9556.53	3376.72	-3187.23	1224.55	13.71	0.61	0.00	3414.38	158.98	Imp Svys
916	12780.86	87.54	168.38	9557.12	3390.42	-3200.66	1227.30	13.71	0.52	0.00	3427.90	159.02	Imp Svys
917	12794.57	87.49	168.37	9557.71	3404.12	-3214.08	1230.06	13.71	0.36	0.00	3441.42	159.06	Imp Svys
918	12808.29	87.76	168.00	9558.28	3417.83	-3227.49	1232.87	13.71	3.36	0.00	3454.94	159.09	Imp Svys
919	12822.00	88.22	167.13	9558.76	3431.53	-3240.87	1235.82	13.71	7.12	156.20	3468.50	159.13	MWD Run 4
920	12835.57	88.46	166.16	9559.15	3445.10	-3254.07	1238.95	13.57	7.38	0.00	3481.95	159.16	Imp Svys
921	12849.14	88.63	165.47	9559.50	3458.66	-3267.22	1242.28	13.57	5.26	0.00	3495.43	159.18	Imp Svys
922	12862.71	88.55	165.94	9559.83	3472.22	-3280.37	1245.63	13.57	3.50	0.00	3508.91	159.21	Imp Svys
923	12876.29	88.47	166.46	9560.19	3485.78	-3293.55	1248.86	13.57	3.90	0.00	3522.37	159.23	Imp Svys
924	12889.86	88.41	166.99	9560.56	3499.35	-3306.75	1251.98	13.57	3.91	0.00	3535.82	159.26	Imp Svys
925	12903.43	88.73	167.18	9560.90	3512.91	-3319.97	1255.01	13.57	2.75	0.00	3549.27	159.29	Imp Svys
926	12917.00	89.64	166.92	9561.09	3526.48	-3333.20	1258.05	13.57	7.03	156.20	3562.71	159.32	MWD Run 4
927	12930.57	90.15	167.15	9561.11	3540.05	-3346.42	1261.10	13.57	4.10	0.00	3576.16	159.35	Imp Svys
928	12944.14	90.34	167.50	9561.06	3553.62	-3359.67	1264.08	13.57	2.92	0.00	3589.60	159.38	Imp Svys
929	12957.71	90.57	167.83	9560.95	3567.19	-3372.92	1266.97	13.57	2.97	0.00	3603.03	159.41	Imp Svys
930	12971.29	90.81	168.15	9560.79	3580.76	-3386.20	1269.80	13.57	2.95	0.00	3616.45	159.44	Imp Svys
931	12984.86	91.04	168.46	9560.57	3594.33	-3399.48	1272.55	13.57	2.84	0.00	3629.86	159.48	Imp Svys
932	12998.43	91.51	168.53	9560.26	3607.90	-3412.78	1275.26	13.57	3.53	0.00	3643.26	159.51	Imp Svys

933	13012.00	91.95	168.59	9559.85	3621.46	-3426.08	1277.95	13.57	3.25	156.20	3656.66	159.54	MWD Run 4
934	13025.57	92.08	168.84	9559.38	3635.02	-3439.38	1280.60	13.57	2.13	0.00	3670.05	159.58	Imp Svys
935	13039.14	92.18	169.09	9558.87	3648.58	-3452.69	1283.20	13.57	1.95	0.00	3683.43	159.61	Imp Svys
936	13052.71	92.26	169.32	9558.35	3662.13	-3466.01	1285.74	13.57	1.79	0.00	3696.80	159.65	Imp Svys
937	13066.29	92.33	169.53	9557.80	3675.69	-3479.34	1288.23	13.57	1.62	0.00	3710.16	159.68	Imp Svys
938	13079.86	92.40	169.71	9557.24	3689.24	-3492.68	1290.67	13.57	1.40	0.00	3723.52	159.72	Imp Svys
939	13093.43	92.46	169.84	9556.67	3702.79	-3506.02	1293.08	13.57	1.12	0.00	3736.87	159.76	Imp Svys
940	13107.00	92.53	169.92	9556.08	3716.33	-3519.37	1295.46	13.57	0.76	159.80	3750.22	159.79	MWD Run 4
941	13120.57	92.60	169.91	9555.47	3729.88	-3532.72	1297.83	13.57	0.55	0.00	3763.57	159.83	Imp Svys
942	13134.14	92.68	169.84	9554.84	3743.42	-3546.06	1300.21	13.57	0.74	0.00	3776.92	159.86	Imp Svys
943	13147.71	92.75	169.76	9554.20	3756.97	-3559.40	1302.61	13.57	0.87	0.00	3790.27	159.90	Imp Svys
944	13161.29	92.83	169.67	9553.54	3770.51	-3572.74	1305.04	13.57	0.86	0.00	3803.63	159.93	Imp Svys
945	13174.86	92.90	169.60	9552.86	3784.06	-3586.07	1307.47	13.57	0.70	0.00	3816.99	159.97	Imp Svys
946	13188.43	92.63	169.26	9552.21	3797.61	-3599.40	1309.96	13.57	3.21	0.00	3830.36	160.00	Imp Svys
947	13202.00	91.95	168.47	9551.66	3811.16	-3612.71	1312.58	13.57	7.68	156.20	3843.76	160.03	MWD Run 4
948	13215.43	91.65	167.44	9551.24	3824.59	-3625.83	1315.38	13.43	7.98	0.00	3857.06	160.06	Imp Svys
949	13228.86	91.66	166.71	9550.86	3838.01	-3638.91	1318.39	13.43	5.41	0.00	3870.38	160.08	Imp Svys
950	13242.29	91.70	166.97	9550.46	3851.43	-3651.98	1321.44	13.43	1.93	0.00	3883.71	160.11	Imp Svys
951	13255.71	91.74	167.25	9550.06	3864.85	-3665.07	1324.44	13.43	2.15	0.00	3897.03	160.13	Imp Svys
952	13269.14	91.78	167.54	9549.65	3878.27	-3678.17	1327.36	13.43	2.14	0.00	3910.35	160.16	Imp Svys
953	13282.57	91.66	167.43	9549.24	3891.70	-3691.27	1330.27	13.43	1.17	0.00	3923.66	160.18	Imp Svys
954	13296.00	91.29	166.72	9548.90	3905.12	-3704.36	1333.28	13.43	5.94	156.20	3936.99	160.21	MWD Run 4
955	13309.71	90.97	166.51	9548.63	3918.83	-3717.69	1336.45	13.71	2.84	0.00	3950.61	160.23	Imp Svys
956	13323.43	90.99	166.68	9548.39	3932.54	-3731.03	1339.63	13.71	1.28	0.00	3964.24	160.25	Imp Svys
957	13337.14	91.00	166.85	9548.16	3946.25	-3744.38	1342.77	13.71	1.22	0.00	3977.87	160.27	Imp Svys
958	13350.86	91.01	167.01	9547.92	3959.96	-3757.74	1345.87	13.71	1.16	0.00	3991.49	160.29	Imp Svys
959	13364.57	91.02	167.16	9547.67	3973.68	-3771.10	1348.93	13.71	1.11	0.00	4005.10	160.32	Imp Svys
960	13378.29	91.02	167.31	9547.43	3987.39	-3784.48	1351.96	13.71	1.06	0.00	4018.71	160.34	Imp Svys
961	13392.00	91.02	167.45	9547.19	4001.10	-3797.86	1354.96	13.71	1.01	158.00	4032.32	160.37	MWD Run 4
962	13405.57	91.01	167.58	9546.95	4014.67	-3811.11	1357.89	13.57	0.96	0.00	4045.79	160.39	Imp Svys
963	13419.14	91.00	167.70	9546.71	4028.24	-3824.36	1360.80	13.57	0.90	0.00	4059.25	160.41	Imp Svys
964	13432.71	90.99	167.81	9546.47	4041.81	-3837.62	1363.68	13.57	0.81	0.00	4072.71	160.44	Imp Svys
965	13446.29	90.97	167.90	9546.24	4055.38	-3850.89	1366.53	13.57	0.69	0.00	4086.16	160.46	Imp Svys
966	13459.86	90.96	167.97	9546.01	4068.95	-3864.16	1369.37	13.57	0.52	0.00	4099.62	160.49	Imp Svys
967	13473.43	90.95	168.01	9545.79	4082.51	-3877.43	1372.19	13.57	0.29	0.00	4113.07	160.51	Imp Svys
968	13487.00	90.95	168.00	9545.56	4096.08	-3890.70	1375.01	13.57	0.05	159.80	4126.53	160.54	MWD Run 4
969	13500.57	90.96	167.93	9545.34	4109.65	-3903.97	1377.84	13.57	0.55	0.00	4139.98	160.56	Imp Svys
970	13514.14	90.97	167.81	9545.11	4123.22	-3917.24	1380.69	13.57	0.86	0.00	4153.44	160.58	Imp Svys
971	13527.71	90.99	167.67	9544.88	4136.79	-3930.50	1383.57	13.57	1.04	0.00	4166.91	160.61	Imp Svys
972	13541.29	91.00	167.52	9544.64	4150.36	-3943.75	1386.49	13.57	1.12	0.00	4180.38	160.63	Imp Svys
973	13554.86	91.01	167.37	9544.40	4163.93	-3957.00	1389.44	13.57	1.11	0.00	4193.85	160.65	Imp Svys
974	13568.43	91.00	167.23	9544.16	4177.50	-3970.23	1392.42	13.57	1.01	0.00	4207.33	160.67	Imp Svys
975	13582.00	90.62	166.28	9543.97	4191.07	-3983.44	1395.53	13.57	7.54	158.00	4220.82	160.69	MWD Run 4
976	13595.57	90.42	165.46	9543.85	4204.63	-3996.60	1398.84	13.57	6.25	0.00	4234.34	160.71	Imp Svys
977	13609.14	90.36	165.37	9543.76	4218.20	-4009.74	1402.26	13.57	0.76	0.00	4247.86	160.72	Imp Svys
978	13622.71	90.29	165.29	9543.68	4231.76	-4022.87	1405.70	13.57	0.83	0.00	4261.39	160.74	Imp Svys
979	13636.29	90.21	165.19	9543.62	4245.32	-4035.99	1409.16	13.57	0.92	0.00	4274.92	160.75	Imp Svys
980	13649.86	90.11	165.08	9543.58	4258.88	-4049.11	1412.64	13.57	1.05	0.00	4288.45	160.77	Imp Svys
981	13663.43	90.01	164.95	9543.57	4272.44	-4062.22	1416.14	13.57	1.24	0.00	4301.99	160.78	Imp Svys
982	13677.00	89.89	164.79	9543.58	4285.99	-4075.32	1419.69	13.57	1.51	159.80	4315.52	160.79	MWD Run 4
983	13690.57	89.74	164.57	9543.62	4299.55	-4088.41	1423.27	13.57	1.95	0.00	4329.06	160.81	Imp Svys
984	13704.14	89.59	164.31	9543.70	4313.10	-4101.48	1426.91	13.57	2.19	0.00	4342.61	160.82	Imp Svys
985	13717.71	89.42	164.05	9543.82	4326.65	-4114.54	1430.61	13.57	2.29	0.00	4356.15	160.83	Imp Svys
986	13731.29	89.24	163.80	9543.98	4340.19	-4127.58	1434.37	13.57	2.27	0.00	4369.70	160.84	Imp Svys
987	13744.86	89.05	163.58	9544.18	4353.73	-4140.60	1438.18	13.57	2.15	0.00	4383.26	160.85	Imp Svys
988	13758.43	88.85	163.41	9544.43	4367.27	-4153.61	1442.03	13.57	1.93	0.00	4396.81	160.85	Imp Svys
989	13772.00	88.63	163.33	9544.73	4380.80	-4166.61	1445.92	13.57	1.69	161.60	4410.37	160.86	MWD Run 4
990	13785.71	88.40	163.38	9545.09	4394.48	-4179.75	1449.84	13.71	1.74	0.00	4424.06	160.87	Imp Svys
991	13799.43	88.16	163.52	9545.50	4408.15	-4192.89	1453.75	13.71	2.00	0.00	4437.76	160.88	Imp Svys
992	13813.14	87.93	163.69	9545.97	4421.82	-4206.04	1457.62	13.71	2.14	0.00	4451.45	160.89	Imp Svys
993	13826.86	87.70	163.88	9546.49	4435.50	-4219.20	1461.44	13.71	2.11	0.00	4465.14	160.89	Imp Svys
994	13840.57	87.69	164.23	9547.04	4449.18	-4232.37	1465.21	13.71	2.58	0.00	4478.82	160.90	Imp Svys
995	13854.29	88.41	165.25	9547.51	4462.87	-4245.60	1468.82	13.71	9.13	0.00	4492.49	160.92	Imp Svys
996	13868.00	88.41	166.58	9547.89	4476.57	-4258.89	1472.15	13.71	9.68	159.80	4506.15	160.93	MWD Run 4
997	13881.57	88.31	166.72	9548.28	4490.14	-4272.09	1475.28	13.57	1.27	0.00	4519.65	160.95	Imp Svys
998	13895.14	88.21	166.75	9548.69	4503.70	-4285.29	1478.40	13.57	0.79	0.00	4533.15	160.97	Imp Svys
999	13908.71	88.11	166.78	9549.13	4517.26	-4298.50	1481.50	13.57	0.73	0.00	4546.64	160.98	Imp Svys
1000	13922.29	88.01	166.79	9549.59	4530.83	-4311.70	1484.60	13.57	0.71	0.00	4560.13	161.00	Imp Svys

1001	13935.86	87.91	166.80	9550.07	4544.39	-4324.91	1487.70	13.57	0.74	0.00	4573.63	161.02	Imp Svys
1002	13949.43	87.81	166.81	9550.57	4557.95	-4338.11	1490.80	13.57	0.80	0.00	4587.12	161.03	Imp Svys
1003	13963.00	87.68	166.80	9551.11	4571.51	-4351.31	1493.89	13.57	0.92	161.60	4600.61	161.05	MWD Run 4
1004	13976.57	87.53	166.79	9551.68	4585.07	-4364.52	1496.99	13.57	1.14	0.00	4614.11	161.07	Imp Svys
1005	13990.14	87.36	166.78	9552.28	4598.62	-4377.71	1500.09	13.57	1.27	0.00	4627.60	161.09	Imp Svys
1006	14003.71	87.17	166.76	9552.93	4612.18	-4390.91	1503.19	13.57	1.34	0.00	4641.09	161.10	Imp Svys
1007	14017.29	86.99	166.75	9553.62	4625.73	-4404.10	1506.30	13.57	1.38	0.00	4654.57	161.12	Imp Svys
1008	14030.86	86.80	166.75	9554.36	4639.28	-4417.29	1509.40	13.57	1.39	0.00	4668.06	161.13	Imp Svys
1009	14044.43	86.61	166.77	9555.14	4652.83	-4430.48	1512.50	13.57	1.39	0.00	4681.54	161.15	Imp Svys
1010	14058.00	87.46	166.72	9555.84	4666.38	-4443.68	1515.61	13.57	6.26	159.80	4695.03	161.17	MWD Run 4
1011	14071.57	88.75	166.76	9556.29	4679.94	-4456.88	1518.72	13.57	9.50	0.00	4708.53	161.18	Imp Svys
1012	14085.14	89.67	166.88	9556.48	4693.51	-4470.09	1521.82	13.57	6.88	0.00	4722.04	161.20	Imp Svys
1013	14098.71	89.44	167.05	9556.58	4707.08	-4483.31	1524.88	13.57	2.13	0.00	4735.54	161.22	Imp Svys
1014	14112.29	89.19	167.25	9556.74	4720.65	-4496.54	1527.90	13.57	2.30	0.00	4749.04	161.23	Imp Svys
1015	14125.86	88.96	167.45	9556.96	4734.22	-4509.78	1530.87	13.57	2.30	0.00	4762.53	161.25	Imp Svys
1016	14139.43	88.76	167.66	9557.23	4747.79	-4523.03	1533.79	13.57	2.14	0.00	4776.02	161.27	Imp Svys
1017	14153.00	88.61	167.86	9557.54	4761.36	-4536.29	1536.67	13.57	1.80	161.60	4789.50	161.29	MWD Run 4
1018	14166.57	88.56	168.02	9557.88	4774.93	-4549.56	1539.50	13.57	1.29	0.00	4802.97	161.30	Imp Svys
1019	14180.14	88.56	168.17	9558.22	4788.49	-4562.84	1542.30	13.57	1.10	0.00	4816.45	161.32	Imp Svys
1020	14193.71	88.60	168.31	9558.55	4802.06	-4576.12	1545.07	13.57	1.02	0.00	4829.92	161.34	Imp Svys
1021	14207.29	88.64	168.43	9558.88	4815.62	-4589.41	1547.80	13.57	0.94	0.00	4843.38	161.36	Imp Svys
1022	14220.86	88.67	168.53	9559.20	4829.19	-4602.70	1550.51	13.57	0.81	0.00	4856.84	161.38	Imp Svys
1023	14234.43	88.92	168.52	9559.48	4842.76	-4616.00	1553.21	13.57	1.85	0.00	4870.31	161.40	Imp Svys
1024	14248.00	90.08	168.15	9559.60	4856.33	-4629.29	1555.95	13.57	8.98	161.60	4883.78	161.42	MWD Run 4
1025	14261.71	91.46	168.01	9559.42	4870.04	-4642.71	1558.79	13.71	10.05	0.00	4897.40	161.44	Imp Svys
1026	14275.43	92.29	167.94	9558.97	4883.74	-4656.11	1561.64	13.71	6.09	0.00	4911.02	161.46	Imp Svys
1027	14289.14	92.06	167.93	9558.45	4897.45	-4669.51	1564.51	13.71	1.65	0.00	4924.64	161.48	Imp Svys
1028	14302.86	91.81	167.92	9557.99	4911.15	-4682.92	1567.37	13.71	1.83	0.00	4938.26	161.49	Imp Svys
1029	14316.57	91.56	167.91	9557.58	4924.86	-4696.32	1570.24	13.71	1.80	0.00	4951.88	161.51	Imp Svys
1030	14330.29	91.35	167.92	9557.23	4938.57	-4709.73	1573.11	13.71	1.57	0.00	4965.50	161.53	Imp Svys
1031	14344.00	91.20	167.95	9556.93	4952.28	-4723.14	1575.98	13.71	1.11	163.40	4979.13	161.55	MWD Run 4
1032	14357.57	91.17	168.03	9556.65	4965.85	-4736.41	1578.80	13.57	0.62	0.00	4992.61	161.57	Imp Svys
1033	14371.14	91.20	168.13	9556.37	4979.42	-4749.68	1581.60	13.57	0.83	0.00	5006.09	161.58	Imp Svys
1034	14384.71	91.29	168.26	9556.07	4992.99	-4762.96	1584.38	13.57	1.08	0.00	5019.57	161.60	Imp Svys
1035	14398.29	91.39	168.39	9555.75	5006.55	-4776.25	1587.13	13.57	1.24	0.00	5033.05	161.62	Imp Svys
1036	14411.86	91.51	168.52	9555.41	5020.12	-4789.54	1589.84	13.57	1.29	0.00	5046.52	161.64	Imp Svys
1037	14425.43	91.62	168.64	9555.04	5033.68	-4802.84	1592.53	13.57	1.24	0.00	5059.98	161.66	Imp Svys
1038	14439.00	91.71	168.76	9554.65	5047.24	-4816.14	1595.19	13.57	1.08	165.20	5073.45	161.67	MWD Run 4
1039	14452.43	91.76	168.85	9554.24	5060.66	-4829.31	1597.79	13.43	0.78	0.00	5086.77	161.69	Imp Svys
1040	14465.86	91.79	168.93	9553.82	5074.08	-4842.48	1600.38	13.43	0.61	0.00	5100.08	161.71	Imp Svys
1041	14479.29	91.80	168.99	9553.40	5087.50	-4855.66	1602.95	13.43	0.48	0.00	5113.40	161.73	Imp Svys
1042	14492.71	91.81	169.04	9552.98	5100.92	-4868.83	1605.51	13.43	0.37	0.00	5126.71	161.75	Imp Svys
1043	14506.14	91.82	169.08	9552.56	5114.33	-4882.01	1608.05	13.43	0.26	0.00	5140.02	161.77	Imp Svys
1044	14519.57	91.84	169.09	9552.13	5127.75	-4895.19	1610.60	13.43	0.18	0.00	5153.34	161.79	Imp Svys
1045	14533.00	91.87	169.08	9551.70	5141.17	-4908.37	1613.14	13.43	0.30	165.20	5166.65	161.81	MWD Run 4
1046	14546.71	91.94	169.02	9551.24	5154.87	-4921.82	1615.74	13.71	0.66	0.00	5180.25	161.83	Imp Svys
1047	14560.43	92.03	168.94	9550.76	5168.57	-4935.28	1618.36	13.71	0.87	0.00	5193.85	161.84	Imp Svys
1048	14574.14	92.13	168.84	9550.27	5182.27	-4948.73	1621.00	13.71	0.98	0.00	5207.45	161.86	Imp Svys
1049	14587.86	92.22	168.74	9549.75	5195.97	-4962.17	1623.67	13.71	0.99	0.00	5221.05	161.88	Imp Svys
1050	14601.57	92.30	168.65	9549.20	5209.67	-4975.61	1626.35	13.71	0.91	0.00	5234.66	161.90	Imp Svys
1051	14615.29	92.15	168.36	9548.67	5223.37	-4989.04	1629.08	13.71	2.39	0.00	5248.27	161.92	Imp Svys
1052	14629.00	91.25	167.23	9548.26	5237.08	-5002.43	1631.98	13.71	10.51	165.20	5261.91	161.93	MWD Run 4
1053	14642.71	91.01	166.40	9547.99	5250.79	-5015.78	1635.11	13.71	6.27	0.00	5275.57	161.94	Imp Svys
1054	14656.43	90.99	166.38	9547.75	5264.50	-5029.11	1638.33	13.71	0.26	0.00	5289.24	161.96	Imp Svys
1055	14670.14	90.95	166.36	9547.52	5278.21	-5042.44	1641.57	13.71	0.34	0.00	5302.91	161.97	Imp Svys
1056	14683.86	90.89	166.34	9547.30	5291.92	-5055.76	1644.80	13.71	0.47	0.00	5316.59	161.98	Imp Svys
1057	14697.57	90.80	166.32	9547.10	5305.63	-5069.09	1648.04	13.71	0.64	0.00	5330.26	161.99	Imp Svys
1058	14711.29	90.68	166.31	9546.92	5319.34	-5082.41	1651.29	13.71	0.86	0.00	5343.94	162.00	Imp Svys
1059	14725.00	89.94	165.28	9546.85	5333.05	-5095.70	1654.65	13.71	9.26	165.20	5357.62	162.01	MWD Run 4
1060	14738.57	89.70	165.27	9546.89	5346.61	-5108.83	1658.10	13.57	1.77	0.00	5371.17	162.02	Imp Svys
1061	14752.14	89.42	165.26	9546.99	5360.17	-5121.95	1661.56	13.57	2.04	0.00	5384.72	162.03	Imp Svys
1062	14765.71	89.13	165.24	9547.17	5373.73	-5135.08	1665.01	13.57	2.12	0.00	5398.27	162.04	Imp Svys
1063	14779.29	88.86	165.24	9547.41	5387.29	-5148.20	1668.47	13.57	2.02	0.00	5411.81	162.04	Imp Svys
1064	14792.86	88.62	165.24	9547.70	5400.85	-5161.32	1671.92	13.57	1.73	0.00	5425.36	162.05	Imp Svys
1065	14806.43	88.46	165.25	9548.05	5414.40	-5174.44	1675.38	13.57	1.21	0.00	5438.91	162.06	Imp Svys
1066	14820.00	88.41	165.28	9548.42	5427.96	-5187.56	1678.83	13.57	0.43	167.00	5452.45	162.07	MWD Run 4
1067	14833.57	88.55	165.34	9548.78	5441.52	-5200.68	1682.27	13.57	1.11	0.00	5466.00	162.08	Imp Svys
1068	14847.14	88.80	165.42	9549.10	5455.07	-5213.81	1685.70	13.57	1.95	0.00	5479.54	162.08	Imp Svys



1069	14860.71	89.12	165.50	9549.34	5468.63	-5226.95	1689.10	13.57	2.48	0.00	5493.09	162.09	Imp Svys
1070	14874.29	89.49	165.60	9549.51	5482.20	-5240.09	1692.49	13.57	2.77	0.00	5506.63	162.10	Imp Svys
1071	14887.86	89.86	165.70	9549.58	5495.76	-5253.23	1695.85	13.57	2.87	0.00	5520.18	162.11	Imp Svys
1072	14901.43	90.23	165.80	9549.57	5509.33	-5266.39	1699.19	13.57	2.79	0.00	5533.72	162.12	Imp Svys
1073	14915.00	91.49	165.99	9549.37	5522.89	-5279.55	1702.50	13.57	9.38	167.00	5547.26	162.13	MWD Run 4
1074	14928.57	91.80	166.12	9548.98	5536.45	-5292.71	1705.77	13.57	2.50	0.00	5560.80	162.14	Imp Svys
1075	14942.14	92.11	166.25	9548.52	5550.01	-5305.89	1709.01	13.57	2.43	0.00	5574.33	162.15	Imp Svys
1076	14955.71	92.39	166.37	9547.98	5563.57	-5319.06	1712.22	13.57	2.29	0.00	5587.85	162.16	Imp Svys
1077	14969.29	92.65	166.47	9547.39	5577.13	-5332.24	1715.40	13.57	2.05	0.00	5601.37	162.17	Imp Svys
1078	14982.86	92.87	166.54	9546.73	5590.68	-5345.42	1718.56	13.57	1.67	0.00	5614.89	162.18	Imp Svys
1079	14996.43	93.02	166.55	9546.04	5604.23	-5358.60	1721.72	13.57	1.15	0.00	5628.41	162.19	Imp Svys
1080	15010.00	93.09	166.46	9545.31	5617.78	-5371.78	1724.88	13.57	0.77	168.80	5641.92	162.20	MWD Run 4
1081	15023.57	93.01	166.24	9544.59	5631.33	-5384.95	1728.08	13.57	1.76	0.00	5655.44	162.21	Imp Svys
1082	15037.14	92.85	165.94	9543.90	5644.88	-5398.11	1731.34	13.57	2.52	0.00	5668.96	162.22	Imp Svys
1083	15050.71	92.66	165.60	9543.24	5658.43	-5411.25	1734.67	13.57	2.86	0.00	5682.49	162.23	Imp Svys
1084	15064.29	92.47	165.26	9542.64	5671.98	-5424.37	1738.08	13.57	2.81	0.00	5696.02	162.23	Imp Svys
1085	15077.86	92.11	164.88	9542.09	5685.53	-5437.47	1741.58	13.57	3.89	0.00	5709.57	162.24	Imp Svys
1086	15091.43	90.33	164.01	9541.81	5699.08	-5450.54	1745.21	13.57	14.61	0.00	5723.13	162.25	Imp Svys
1087	15105.00	89.89	163.90	9541.78	5712.62	-5463.58	1748.96	13.57	3.31	167.00	5736.69	162.25	MWD Run 4
1088	15118.57	90.06	163.84	9541.78	5726.17	-5476.62	1752.73	13.57	1.31	0.00	5750.26	162.25	Imp Svys
1089	15132.14	90.31	163.84	9541.74	5739.71	-5489.66	1756.51	13.57	1.81	0.00	5763.82	162.26	Imp Svys
1090	15145.71	90.60	163.88	9541.63	5753.25	-5502.69	1760.28	13.57	2.13	0.00	5777.39	162.26	Imp Svys
1091	15159.29	90.90	163.92	9541.46	5766.80	-5515.73	1764.05	13.57	2.24	0.00	5790.95	162.26	Imp Svys
1092	15172.86	91.18	163.96	9541.21	5780.34	-5528.77	1767.80	13.57	2.13	0.00	5804.52	162.27	Imp Svys
1093	15186.43	91.43	163.97	9540.90	5793.88	-5541.81	1771.55	13.57	1.81	0.00	5818.08	162.27	Imp Svys
1094	15200.00	91.59	163.94	9540.54	5807.42	-5554.85	1775.30	13.57	1.26	168.80	5831.64	162.28	MWD Run 4
1095	15213.71	91.63	163.82	9540.16	5821.10	-5568.02	1779.10	13.71	0.89	0.00	5845.34	162.28	Imp Svys
1096	15227.43	91.58	163.66	9539.78	5834.78	-5581.18	1782.94	13.71	1.26	0.00	5859.05	162.28	Imp Svys
1097	15241.14	91.48	163.46	9539.41	5848.46	-5594.33	1786.82	13.71	1.57	0.00	5872.75	162.29	Imp Svys
1098	15254.86	91.37	163.26	9539.07	5862.13	-5607.46	1790.75	13.71	1.70	0.00	5886.46	162.29	Imp Svys
1099	15268.57	91.25	163.06	9538.75	5875.81	-5620.59	1794.72	13.71	1.66	0.00	5900.17	162.29	Imp Svys
1100	15282.29	90.62	163.48	9538.53	5889.48	-5633.72	1798.67	13.71	5.51	0.00	5913.88	162.29	Imp Svys
1101	15296.00	89.65	164.31	9538.50	5903.17	-5646.90	1802.47	13.71	9.33	167.00	5927.59	162.30	MWD Run 4
1102	15309.57	89.64	164.19	9538.58	5916.72	-5659.96	1806.15	13.57	0.90	0.00	5941.15	162.30	Imp Svys
1103	15323.14	89.64	164.08	9538.67	5930.26	-5673.01	1809.86	13.57	0.80	0.00	5954.72	162.31	Imp Svys
1104	15336.71	89.66	163.98	9538.75	5943.81	-5686.06	1813.60	13.57	0.77	0.00	5968.28	162.31	Imp Svys
1105	15350.29	89.67	163.88	9538.83	5957.36	-5699.10	1817.35	13.57	0.77	0.00	5981.85	162.31	Imp Svys
1106	15363.86	89.68	163.77	9538.91	5970.90	-5712.13	1821.13	13.57	0.82	0.00	5995.41	162.32	Imp Svys
1107	15377.43	89.59	164.15	9538.99	5984.44	-5725.18	1824.88	13.57	2.89	0.00	6008.98	162.32	Imp Svys
1108	15391.00	89.36	165.83	9539.12	5998.00	-5738.28	1828.40	13.57	12.54	167.00	6022.54	162.33	MWD Run 4
1109	15404.57	89.32	165.93	9539.27	6011.57	-5751.44	1831.71	13.57	0.75	0.00	6036.08	162.33	Imp Svys
1110	15418.14	89.21	165.69	9539.45	6025.13	-5764.60	1835.04	13.57	1.93	0.00	6049.63	162.34	Imp Svys
1111	15431.71	89.09	165.44	9539.65	6038.69	-5777.74	1838.42	13.57	1.99	0.00	6063.17	162.35	Imp Svys
1112	15445.29	88.97	165.22	9539.88	6052.25	-5790.87	1841.86	13.57	1.87	0.00	6076.73	162.36	Imp Svys
1113	15458.86	88.86	165.04	9540.13	6065.81	-5803.98	1845.34	13.57	1.54	0.00	6090.28	162.36	Imp Svys
1114	15472.43	88.77	164.94	9540.41	6079.37	-5817.09	1848.85	13.57	0.98	0.00	6103.83	162.37	Imp Svys
1115	15486.00	88.61	165.78	9540.72	6092.92	-5830.22	1852.28	13.57	6.27	167.00	6117.38	162.37	MWD Run 4
1116	15499.57	88.49	166.83	9541.07	6106.49	-5843.40	1855.49	13.57	7.82	0.00	6130.92	162.38	Imp Svys
1117	15513.14	88.52	167.19	9541.42	6120.05	-5856.62	1858.54	13.57	2.60	0.00	6144.44	162.39	Imp Svys
1118	15526.71	88.57	167.62	9541.77	6133.62	-5869.86	1861.50	13.57	3.26	0.00	6157.96	162.40	Imp Svys
1119	15540.29	88.65	168.11	9542.10	6147.19	-5883.12	1864.35	13.57	3.58	0.00	6171.46	162.42	Imp Svys
1120	15553.86	88.73	168.59	9542.41	6160.75	-5896.41	1867.09	13.57	3.62	0.00	6184.96	162.43	Imp Svys
1121	15567.43	88.82	169.04	9542.70	6174.32	-5909.72	1869.72	13.57	3.37	0.00	6198.44	162.44	Imp Svys
1122	15581.00	89.44	170.41	9542.90	6187.88	-5923.07	1872.14	13.57	11.10	167.00	6211.90	162.46	MWD Run 4
1123	15594.57	89.62	172.00	9543.02	6201.42	-5936.48	1874.22	13.57	11.79	0.00	6225.31	162.48	Imp Svys
1124	15608.14	89.75	172.28	9543.09	6214.95	-5949.93	1876.07	13.57	2.29	0.00	6238.69	162.50	Imp Svys
1125	15621.71	89.88	172.54	9543.13	6228.47	-5963.38	1877.87	13.57	2.15	0.00	6252.06	162.52	Imp Svys
1126	15635.29	90.01	172.77	9543.15	6241.99	-5976.84	1879.60	13.57	1.94	0.00	6265.42	162.54	Imp Svys
1127	15648.86	90.12	172.96	9543.13	6255.50	-5990.31	1881.29	13.57	1.60	0.00	6278.78	162.56	Imp Svys
1128	15662.43	90.19	173.09	9543.09	6269.01	-6003.78	1882.94	13.57	1.08	0.00	6292.12	162.59	Imp Svys
1129	15676.00	90.20	173.13	9543.05	6282.51	-6017.25	1884.56	13.57	0.33	168.80	6305.47	162.61	MWD Run 4
1130	15689.71	90.10	173.04	9543.01	6296.16	-6030.87	1886.22	13.71	0.98	0.00	6318.95	162.63	Imp Svys
1131	15703.43	89.93	172.87	9543.01	6309.81	-6044.48	1887.90	13.71	1.72	0.00	6332.44	162.65	Imp Svys
1132	15717.14	89.73	172.66	9543.05	6323.47	-6058.08	1889.62	13.71	2.13	0.00	6345.95	162.68	Imp Svys
1133	15730.86	89.52	172.43	9543.14	6337.13	-6071.68	1891.40	13.71	2.30	0.00	6359.46	162.70	Imp Svys
1134	15744.57	89.30	172.21	9543.28	6350.80	-6085.27	1893.24	13.71	2.23	0.00	6372.98	162.72	Imp Svys
1135	15758.29	89.06	171.39	9543.48	6364.47	-6098.84	1895.19	13.71	6.21	0.00	6386.52	162.74	Imp Svys
1136	15772.00	88.82	169.45	9543.73	6378.16	-6112.36	1897.47	13.71	14.31	168.80	6400.11	162.75	MWD Run 4

1137	15785.57	88.79	167.90	9544.01	6391.73	-6125.67	1900.14	13.57	11.40	0.00	6413.60	162.77	Imp Svys
1138	15799.14	88.64	167.81	9544.32	6405.30	-6138.93	1902.99	13.57	1.30	0.00	6427.12	162.78	Imp Svys
1139	15812.71	88.49	167.72	9544.66	6418.86	-6152.19	1905.87	13.57	1.25	0.00	6440.63	162.79	Imp Svys
1140	15826.29	88.35	167.65	9545.03	6432.43	-6165.44	1908.76	13.57	1.13	0.00	6454.15	162.80	Imp Svys
1141	15839.86	88.24	167.59	9545.44	6445.99	-6178.69	1911.67	13.57	0.94	0.00	6467.67	162.81	Imp Svys
1142	15853.43	88.16	167.55	9545.86	6459.56	-6191.94	1914.59	13.57	0.64	0.00	6481.19	162.82	Imp Svys
1143	15867.00	88.15	167.53	9546.30	6473.12	-6205.19	1917.52	13.57	0.19	170.60	6494.70	162.83	MWD Run 4
1144	15880.57	88.23	167.54	9546.73	6486.69	-6218.43	1920.44	13.57	0.60	0.00	6508.22	162.84	Imp Svys
1145	15894.14	88.37	167.58	9547.13	6500.25	-6231.68	1923.37	13.57	1.04	0.00	6521.74	162.85	Imp Svys
1146	15907.71	88.54	167.63	9547.50	6513.82	-6244.93	1926.28	13.57	1.30	0.00	6535.26	162.86	Imp Svys
1147	15921.29	88.72	167.68	9547.82	6527.39	-6258.18	1929.18	13.57	1.43	0.00	6548.78	162.87	Imp Svys
1148	15934.86	88.91	167.75	9548.10	6540.96	-6271.44	1932.07	13.57	1.44	0.00	6562.30	162.88	Imp Svys
1149	15948.43	89.07	167.81	9548.34	6554.53	-6284.70	1934.94	13.57	1.33	0.00	6575.82	162.89	Imp Svys
1150	15962.00	89.21	167.87	9548.55	6568.10	-6297.97	1937.80	13.57	1.09	170.60	6589.34	162.90	MWD Run 4
1151	15975.57	89.28	167.93	9548.73	6581.67	-6311.24	1940.64	13.57	0.67	0.00	6602.86	162.91	Imp Svys
1152	15989.14	89.32	167.98	9548.89	6595.24	-6324.51	1943.47	13.57	0.45	0.00	6616.38	162.92	Imp Svys
1153	16002.71	89.32	168.03	9549.05	6608.81	-6337.78	1946.29	13.57	0.35	0.00	6629.90	162.93	Imp Svys
1154	16016.29	89.31	168.07	9549.21	6622.37	-6351.06	1949.10	13.57	0.33	0.00	6643.41	162.94	Imp Svys
1155	16029.86	89.29	168.11	9549.38	6635.94	-6364.34	1951.90	13.57	0.33	0.00	6656.93	162.95	Imp Svys
1156	16043.43	89.27	168.15	9549.55	6649.51	-6377.62	1954.70	13.57	0.33	0.00	6670.44	162.96	Imp Svys
1157	16057.00	89.24	168.18	9549.72	6663.08	-6390.90	1957.48	13.57	0.30	172.40	6683.96	162.97	MWD Run 4
1158	16070.71	89.21	168.20	9549.91	6676.80	-6404.32	1960.29	13.71	0.24	0.00	6697.61	162.98	Imp Svys
1159	16084.43	89.19	168.21	9550.10	6690.51	-6417.74	1963.09	13.71	0.23	0.00	6711.27	162.99	Imp Svys
1160	16098.14	89.15	168.22	9550.30	6704.22	-6431.17	1965.89	13.71	0.24	0.00	6724.93	163.00	Imp Svys
1161	16111.86	89.12	168.22	9550.51	6717.93	-6444.59	1968.69	13.71	0.28	0.00	6738.58	163.01	Imp Svys
1162	16125.57	89.07	168.23	9550.73	6731.64	-6458.01	1971.49	13.71	0.36	0.00	6752.24	163.02	Imp Svys
1163	16139.29	89.00	168.22	9550.96	6745.35	-6471.44	1974.29	13.71	0.48	0.00	6765.89	163.03	Imp Svys
1164	16153.00	88.91	168.21	9551.21	6759.06	-6484.86	1977.09	13.71	0.65	174.20	6779.55	163.04	MWD Run 4
1165	16166.57	88.79	168.19	9551.48	6772.63	-6498.14	1979.86	13.57	0.93	0.00	6793.06	163.05	Imp Svys
1166	16180.14	88.64	168.17	9551.78	6786.20	-6511.42	1982.64	13.57	1.09	0.00	6806.58	163.07	Imp Svys
1167	16193.71	88.48	168.14	9552.12	6799.77	-6524.70	1985.43	13.57	1.20	0.00	6820.09	163.08	Imp Svys
1168	16207.29	88.31	168.12	9552.50	6813.33	-6537.98	1988.22	13.57	1.25	0.00	6833.61	163.09	Imp Svys
1169	16220.86	88.14	168.09	9552.92	6826.90	-6551.25	1991.01	13.57	1.26	0.00	6847.12	163.10	Imp Svys
1170	16234.43	87.98	168.07	9553.38	6840.46	-6564.52	1993.81	13.57	1.23	0.00	6860.63	163.11	Imp Svys
1171	16248.00	87.82	168.05	9553.88	6854.02	-6577.79	1996.62	13.57	1.16	174.20	6874.14	163.11	MWD Run 4
1172	16261.57	87.68	168.04	9554.41	6867.58	-6591.06	1999.43	13.57	1.01	0.00	6887.65	163.12	Imp Svys
1173	16275.14	87.56	168.03	9554.98	6881.14	-6604.32	2002.24	13.57	0.92	0.00	6901.16	163.13	Imp Svys
1174	16288.71	87.44	168.03	9555.57	6894.70	-6617.59	2005.05	13.57	0.86	0.00	6914.67	163.14	Imp Svys
1175	16302.29	87.33	168.02	9556.19	6908.25	-6630.85	2007.86	13.57	0.80	0.00	6928.18	163.15	Imp Svys
1176	16315.86	87.23	168.01	9556.83	6921.81	-6644.11	2010.68	13.57	0.76	0.00	6941.69	163.16	Imp Svys
1177	16329.43	87.38	167.99	9557.47	6935.37	-6657.37	2013.50	13.57	1.09	0.00	6955.20	163.17	Imp Svys
1178	16343.00	88.97	167.97	9557.90	6948.93	-6670.64	2016.32	13.57	11.73	172.40	6968.71	163.18	MWD Run 4
1179	16356.71	89.64	167.75	9558.07	6962.64	-6684.04	2019.21	13.71	5.13	0.00	6982.38	163.19	Imp Svys
1180	16370.43	89.55	167.66	9558.16	6976.36	-6697.44	2022.13	13.71	0.94	0.00	6996.05	163.20	Imp Svys
1181	16384.14	89.46	167.56	9558.28	6990.07	-6710.84	2025.07	13.71	0.99	0.00	7009.73	163.21	Imp Svys
1182	16397.86	89.37	167.46	9558.42	7003.78	-6724.23	2028.03	13.71	0.97	0.00	7023.40	163.22	Imp Svys
1183	16411.57	89.29	167.37	9558.58	7017.50	-6737.61	2031.02	13.71	0.89	0.00	7037.08	163.22	Imp Svys
1184	16425.29	89.20	167.32	9558.76	7031.21	-6750.99	2034.03	13.71	0.75	0.00	7050.75	163.23	Imp Svys
1185	16439.00	90.08	167.39	9558.85	7044.92	-6764.37	2037.03	13.71	6.45	172.40	7064.43	163.24	MWD Run 4
1186	16452.57	90.53	167.47	9558.78	7058.49	-6777.62	2039.98	13.57	3.37	0.00	7077.97	163.25	Imp Svys
1187	16466.14	90.45	167.57	9558.66	7072.07	-6790.87	2042.91	13.57	0.95	0.00	7091.50	163.26	Imp Svys
1188	16479.71	90.37	167.69	9558.56	7085.64	-6804.12	2045.82	13.57	1.08	0.00	7105.03	163.27	Imp Svys
1189	16493.29	90.29	167.82	9558.49	7099.21	-6817.39	2048.70	13.57	1.13	0.00	7118.56	163.27	Imp Svys
1190	16506.86	90.23	167.95	9558.43	7112.78	-6830.66	2051.55	13.57	1.08	0.00	7132.09	163.28	Imp Svys
1191	16520.43	90.58	168.10	9558.33	7126.35	-6843.93	2054.36	13.57	2.86	0.00	7145.61	163.29	Imp Svys
1192	16534.00	90.96	168.22	9558.15	7139.92	-6857.21	2057.15	13.57	2.90	172.40	7159.14	163.30	MWD Run 4
1193	16547.57	90.96	168.28	9557.92	7153.49	-6870.50	2059.91	13.57	0.40	0.00	7172.66	163.31	Imp Svys
1194	16561.14	90.98	168.31	9557.69	7167.05	-6883.79	2062.66	13.57	0.29	0.00	7186.17	163.32	Imp Svys
1195	16574.71	91.01	168.33	9557.45	7180.62	-6897.07	2065.41	13.57	0.28	0.00	7199.69	163.33	Imp Svys
1196	16588.29	91.05	168.34	9557.21	7194.19	-6910.36	2068.15	13.57	0.31	0.00	7213.21	163.34	Imp Svys
1197	16601.86	91.10	168.35	9556.95	7207.76	-6923.65	2070.89	13.57	0.32	0.00	7226.73	163.35	Imp Svys
1198	16615.43	91.14	168.35	9556.69	7221.33	-6936.94	2073.63	13.57	0.32	0.00	7240.24	163.36	Imp Svys
1199	16629.00	91.18	168.36	9556.41	7234.89	-6950.23	2076.37	13.57	0.28	174.20	7253.76	163.37	MWD Run 4
1200	16642.57	91.20	168.37	9556.13	7248.46	-6963.52	2079.11	13.57	0.22	0.00	7267.28	163.38	Imp Svys
1201	16656.14	91.23	168.39	9555.84	7262.03	-6976.81	2081.84	13.57	0.20	0.00	7280.79	163.39	Imp Svys
1202	16669.71	91.24	168.41	9555.55	7275.59	-6990.10	2084.57	13.57	0.19	0.00	7294.31	163.39	Imp Svys
1203	16683.29	91.26	168.43	9555.26	7289.16	-7003.39	2087.29	13.57	0.19	0.00	7307.83	163.40	Imp Svys
1204	16696.86	91.28	168.45	9554.96	7302.73	-7016.69	2090.01	13.57	0.19	0.00	7321.34	163.41	Imp Svys

1205	16710.43	91.30	168.46	9554.65	7316.29	-7029.98	2092.73	13.57	0.19	0.00	7334.86	163.42	Imp Svys
1206	16724.00	91.32	168.47	9554.34	7329.86	-7043.27	2095.44	13.57	0.22	174.20	7348.37	163.43	MWD Run 4
1207	16737.57	91.36	168.48	9554.02	7343.42	-7056.57	2098.15	13.57	0.28	0.00	7361.89	163.44	Imp Svys
1208	16751.14	91.40	168.48	9553.70	7356.99	-7069.86	2100.86	13.57	0.32	0.00	7375.40	163.45	Imp Svys
1209	16764.71	91.45	168.48	9553.36	7370.55	-7083.16	2103.57	13.57	0.34	0.00	7388.92	163.46	Imp Svys
1210	16778.29	91.50	168.47	9553.01	7384.12	-7096.45	2106.28	13.57	0.35	0.00	7402.43	163.47	Imp Svys
1211	16791.86	91.54	168.46	9552.65	7397.68	-7109.74	2109.00	13.57	0.34	0.00	7415.95	163.48	Imp Svys
1212	16805.43	91.58	168.43	9552.28	7411.25	-7123.03	2111.71	13.57	0.33	0.00	7429.47	163.49	Imp Svys
1213	16819.00	91.61	168.40	9551.90	7424.81	-7136.32	2114.44	13.57	0.34	176.00	7442.98	163.50	MWD Run 4
1214	16832.57	91.63	168.35	9551.52	7438.38	-7149.61	2117.17	13.57	0.40	0.00	7456.50	163.50	Imp Svys
1215	16846.14	91.64	168.29	9551.13	7451.94	-7162.90	2119.92	13.57	0.46	0.00	7470.02	163.51	Imp Svys
1216	16859.71	91.63	168.22	9550.75	7465.51	-7176.18	2122.68	13.57	0.50	0.00	7483.54	163.52	Imp Svys
1217	16873.29	91.62	168.15	9550.36	7479.07	-7189.46	2125.45	13.57	0.52	0.00	7497.06	163.53	Imp Svys
1218	16886.86	91.60	168.08	9549.98	7492.64	-7202.73	2128.25	13.57	0.54	0.00	7510.58	163.54	Imp Svys
1219	16900.43	91.56	168.01	9549.60	7506.20	-7216.01	2131.06	13.57	0.56	0.00	7524.10	163.55	Imp Svys
1220	16914.00	91.51	167.95	9549.24	7519.77	-7229.27	2133.88	13.57	0.60	176.00	7537.63	163.55	MWD Run 4
1221	16927.57	91.42	167.91	9548.89	7533.34	-7242.54	2136.72	13.57	0.72	0.00	7551.16	163.56	Imp Svys
1222	16941.14	91.32	167.87	9548.57	7546.90	-7255.81	2139.57	13.57	0.82	0.00	7564.69	163.57	Imp Svys
1223	16954.71	91.20	167.83	9548.27	7560.47	-7269.07	2142.42	13.57	0.91	0.00	7578.22	163.58	Imp Svys
1224	16968.29	91.08	167.79	9548.00	7574.04	-7282.33	2145.29	13.57	0.97	0.00	7591.75	163.59	Imp Svys
1225	16981.86	90.94	167.74	9547.76	7587.61	-7295.60	2148.16	13.57	1.02	0.00	7605.28	163.59	Imp Svys
1226	16995.43	90.81	167.69	9547.55	7601.18	-7308.85	2151.05	13.57	1.07	0.00	7618.82	163.60	Imp Svys
1227	17009.00	90.67	167.62	9547.38	7614.75	-7322.11	2153.95	13.57	1.13	177.80	7632.35	163.61	MWD Run 4
1228	17024.00	90.52	167.52	9547.22	7629.75	-7336.76	2157.18	15.00	1.23	0.00	7647.32	163.62	Imp Svys
1229	17039.00	90.37	167.41	9547.11	7644.75	-7351.40	2160.43	15.00	1.27	0.00	7662.28	163.62	Imp Svys
1230	17054.00	90.22	167.29	9547.03	7659.75	-7366.04	2163.72	15.00	1.25	0.00	7677.25	163.63	Imp Svys
1231	17069.00	90.08	167.18	9546.99	7674.75	-7380.67	2167.03	15.00	1.17	0.00	7692.22	163.64	Imp Svys
1232	17084.00	89.96	167.10	9546.99	7689.75	-7395.29	2170.37	15.00	1.01	0.00	7707.19	163.64	Imp Svys
1233	17099.00	89.85	167.05	9547.01	7704.75	-7409.91	2173.73	15.00	0.77	177.80	7722.17	163.65	MWD Run 4
1234	17112.00	89.79	167.06	9547.05	7717.75	-7422.58	2176.64	13.00	0.48	0.00	7735.14	163.66	Imp Svys
1235	17125.00	89.75	167.10	9547.11	7730.74	-7435.25	2179.55	13.00	0.48	0.00	7748.12	163.66	Imp Svys
1236	17138.00	89.71	167.17	9547.17	7743.74	-7447.92	2182.44	13.00	0.59	0.00	7761.10	163.67	Imp Svys
1237	17151.00	89.68	167.26	9547.24	7756.74	-7460.60	2185.32	13.00	0.72	0.00	7774.07	163.67	Imp Svys
1238	17164.00	89.66	167.37	9547.31	7769.74	-7473.28	2188.17	13.00	0.85	0.00	7787.04	163.68	Imp Svys
1239	17177.00	89.63	167.49	9547.39	7782.74	-7485.97	2191.00	13.00	0.99	0.00	7800.02	163.69	Imp Svys
1240	17190.00	89.60	167.64	9547.48	7795.74	-7498.67	2193.80	13.00	1.16	177.80	7812.99	163.69	MWD Run 4
1241	17205.00	89.54	167.84	9547.59	7810.74	-7513.32	2196.98	15.00	1.37	0.00	7827.95	163.70	Imp Svys
1242	17220.00	89.47	168.06	9547.72	7825.74	-7527.99	2200.11	15.00	1.50	0.00	7842.91	163.71	Imp Svys
1243	17235.00	89.41	168.28	9547.87	7840.74	-7542.67	2203.19	15.00	1.56	0.00	7857.86	163.72	Imp Svys
1244	17250.00	89.34	168.50	9548.03	7855.74	-7557.37	2206.21	15.00	1.54	0.00	7872.81	163.73	Imp Svys
1245	17265.00	89.28	168.71	9548.21	7870.73	-7572.07	2209.17	15.00	1.44	0.00	7887.75	163.74	Imp Svys
1246	17280.00	89.23	168.89	9548.40	7885.73	-7586.78	2212.09	15.00	1.25	177.80	7902.69	163.74	MWD Run 4
1247	17295.00	89.21	169.02	9548.61	7900.72	-7601.50	2214.96	15.00	0.91	0.00	7917.63	163.75	Imp Svys
1248	17310.00	89.19	169.13	9548.82	7915.71	-7616.23	2217.80	15.00	0.71	0.00	7932.57	163.76	Imp Svys
1249	17325.00	89.20	169.22	9549.03	7930.71	-7630.96	2220.62	15.00	0.61	0.00	7947.50	163.77	Imp Svys
1250	17340.00	89.24	169.31	9549.23	7945.70	-7645.70	2223.41	15.00	0.62	0.00	7962.43	163.79	Imp Svys
1251	17355.00	89.31	169.40	9549.42	7960.69	-7660.44	2226.18	15.00	0.76	0.00	7977.36	163.80	Imp Svys
1252	17370.00	89.43	169.50	9549.59	7975.68	-7675.18	2228.93	15.00	1.08	179.60	7992.28	163.81	MWD Run 4
1253	17385.00	89.64	169.63	9549.71	7990.67	-7689.93	2231.65	15.00	1.67	0.00	8007.21	163.82	Imp Svys
1254	17400.00	89.91	169.78	9549.77	8005.66	-7704.69	2234.33	15.00	2.01	0.00	8022.13	163.83	Imp Svys
1255	17415.00	90.19	169.94	9549.76	8020.65	-7719.46	2236.97	15.00	2.19	0.00	8037.04	163.84	Imp Svys
1256	17430.00	90.49	170.10	9549.67	8035.63	-7734.23	2239.57	15.00	2.26	0.00	8051.96	163.85	Imp Svys
1257	17445.00	90.79	170.26	9549.50	8050.61	-7749.01	2242.13	15.00	2.23	0.00	8066.86	163.86	Imp Svys
1258	17460.00	91.06	170.42	9549.26	8065.59	-7763.80	2244.64	15.00	2.10	179.60	8081.77	163.87	MWD Run 4
1259	17473.00	91.27	170.55	9548.99	8078.57	-7776.61	2246.79	13.00	1.88	0.00	8094.68	163.89	Imp Svys
1260	17486.00	91.45	170.67	9548.68	8091.55	-7789.44	2248.91	13.00	1.68	0.00	8107.58	163.90	Imp Svys
1261	17499.00	91.60	170.78	9548.34	8104.52	-7802.26	2251.01	13.00	1.45	0.00	8120.49	163.91	Imp Svys
1262	17512.00	91.73	170.86	9547.96	8117.50	-7815.09	2253.08	13.00	1.17	0.00	8133.39	163.92	Imp Svys
1263	17525.00	91.82	170.92	9547.56	8130.47	-7827.92	2255.14	13.00	0.78	0.00	8146.29	163.93	Imp Svys
1264	17538.00	91.84	170.14	9547.14	8143.44	-7840.74	2257.28	13.00	5.93	0.00	8159.19	163.94	Imp Svys
1265	17551.00	91.88	168.95	9546.72	8156.43	-7853.51	2259.63	13.00	9.19	177.80	8172.12	163.95	MWD Run 4
1266	17566.00	91.82	168.46	9546.24	8171.42	-7868.22	2262.57	15.00	3.31	0.00	8187.06	163.96	Imp Svys
1267	17581.00	91.68	168.27	9545.78	8186.41	-7882.90	2265.59	15.00	1.58	0.00	8202.01	163.97	Imp Svys
1268	17596.00	91.50	168.05	9545.36	8201.40	-7897.58	2268.67	15.00	1.89	0.00	8216.97	163.97	Imp Svys
1269	17611.00	91.31	167.81	9544.99	8216.40	-7912.24	2271.81	15.00	2.04	0.00	8231.93	163.98	Imp Svys
1270	17626.00	91.13	167.56	9544.68	8231.39	-7926.89	2275.01	15.00	2.04	0.00	8246.89	163.99	Imp Svys
1271	17641.00	90.95	167.34	9544.40	8246.39	-7941.53	2278.26	15.00	1.90	179.60	8261.86	163.99	MWD Run 4
1272	17656.00	90.82	167.15	9544.17	8261.39	-7956.16	2281.57	15.00	1.54	0.00	8276.84	164.00	Imp Svys

1273	17671.00	90.70	166.99	9543.97	8276.39	-7970.78	2284.93	15.00	1.33	0.00	8291.81	164.00	Imp Svys
1274	17686.00	90.61	166.84	9543.80	8291.38	-7985.39	2288.33	15.00	1.19	0.00	8306.79	164.01	Imp Svys
1275	17701.00	90.53	166.70	9543.65	8306.38	-7999.99	2291.76	15.00	1.09	0.00	8321.78	164.01	Imp Svys
1276	17716.00	90.46	166.56	9543.52	8321.38	-8014.58	2295.23	15.00	1.01	0.00	8336.76	164.02	Imp Svys
1277	17731.00	90.41	166.43	9543.41	8336.38	-8029.16	2298.73	15.00	0.94	179.60	8351.75	164.02	MWD Run 4
1278	17746.00	90.39	166.30	9543.30	8351.37	-8043.74	2302.27	15.00	0.87	0.00	8366.73	164.03	Imp Svys
1279	17761.00	90.38	166.17	9543.20	8366.37	-8058.31	2305.84	15.00	0.84	0.00	8381.72	164.03	Imp Svys
1280	17776.00	90.38	166.05	9543.10	8381.37	-8072.87	2309.44	15.00	0.83	0.00	8396.71	164.04	Imp Svys
1281	17791.00	90.38	165.93	9543.00	8396.36	-8087.42	2313.07	15.00	0.81	0.00	8411.70	164.04	Imp Svys
1282	17806.00	90.36	165.81	9542.91	8411.35	-8101.97	2316.73	15.00	0.80	0.00	8426.69	164.04	Imp Svys
1283	17821.00	90.33	165.69	9542.81	8426.35	-8116.51	2320.43	15.00	0.80	179.60	8441.69	164.05	MWD Run 4
1284	17834.00	90.28	165.59	9542.74	8439.34	-8129.10	2323.65	13.00	0.87	0.00	8454.68	164.05	Imp Svys
1285	17847.00	90.21	165.49	9542.69	8452.33	-8141.69	2326.89	13.00	0.91	0.00	8467.68	164.05	Imp Svys
1286	17860.00	90.14	165.40	9542.65	8465.32	-8154.27	2330.16	13.00	0.93	0.00	8480.67	164.05	Imp Svys
1287	17873.00	90.05	165.31	9542.63	8478.31	-8166.85	2333.45	13.00	0.94	0.00	8493.67	164.05	Imp Svys
1288	17886.00	89.97	165.23	9542.62	8491.30	-8179.42	2336.75	13.00	0.93	0.00	8506.67	164.06	Imp Svys
1289	17899.00	89.88	165.16	9542.64	8504.29	-8191.99	2340.07	13.00	0.89	0.00	8519.66	164.06	Imp Svys
1290	17912.00	89.79	165.09	9542.68	8517.28	-8204.56	2343.41	13.00	0.84	181.40	8532.66	164.06	MWD Run 4
1291	17927.00	89.69	165.04	9542.75	8532.27	-8219.05	2347.28	15.00	0.75	0.00	8547.66	164.06	Imp Svys
1292	17942.00	89.59	165.00	9542.84	8547.25	-8233.54	2351.15	15.00	0.68	0.00	8562.66	164.06	Imp Svys
1293	17957.00	89.51	164.97	9542.96	8562.24	-8248.03	2355.04	15.00	0.60	0.00	8577.65	164.06	Imp Svys
1294	17972.00	89.44	164.95	9543.10	8577.22	-8262.51	2358.93	15.00	0.51	0.00	8592.65	164.07	Imp Svys
1295	17987.00	89.38	164.92	9543.25	8592.21	-8277.00	2362.83	15.00	0.38	0.00	8607.65	164.07	Imp Svys
1296	18002.00	89.75	165.95	9543.37	8607.20	-8291.51	2366.60	15.00	7.28	179.60	8622.64	164.07	MWD Run 4
1297	18017.00	89.76	165.93	9543.43	8622.19	-8306.06	2370.25	15.00	0.20	0.00	8637.64	164.07	Imp Svys
1298	18032.00	89.80	165.91	9543.49	8637.19	-8320.61	2373.90	15.00	0.27	0.00	8652.63	164.08	Imp Svys
1299	18047.00	89.84	165.89	9543.54	8652.18	-8335.16	2377.55	15.00	0.30	0.00	8667.62	164.08	Imp Svys
1300	18062.00	89.88	165.89	9543.57	8667.17	-8349.71	2381.21	15.00	0.28	0.00	8682.61	164.08	Imp Svys
1301	18077.00	89.91	165.91	9543.60	8682.17	-8364.26	2384.86	15.00	0.24	0.00	8697.61	164.09	Imp Svys
1302	18092.00	89.92	165.96	9543.62	8697.16	-8378.81	2388.51	15.00	0.35	181.40	8712.60	164.09	MWD Run 4
1303	18105.00	89.89	166.06	9543.64	8710.16	-8391.42	2391.65	13.00	0.77	0.00	8725.59	164.09	Imp Svys
1304	18118.00	89.84	166.18	9543.68	8723.16	-8404.04	2394.77	13.00	1.00	0.00	8738.58	164.09	Imp Svys
1305	18131.00	89.79	166.31	9543.72	8736.15	-8416.67	2397.86	13.00	1.12	0.00	8751.57	164.10	Imp Svys
1306	18144.00	89.73	166.45	9543.77	8749.15	-8429.30	2400.92	13.00	1.16	0.00	8764.56	164.10	Imp Svys
1307	18157.00	89.70	166.59	9543.84	8762.15	-8441.94	2403.95	13.00	1.11	0.00	8777.55	164.11	Imp Svys
1308	18170.00	89.69	166.72	9543.91	8775.15	-8454.59	2406.95	13.00	0.99	0.00	8790.54	164.11	Imp Svys
1309	18183.00	89.72	166.83	9543.97	8788.14	-8467.25	2409.93	13.00	0.86	181.40	8803.52	164.11	MWD Run 4
1310	18198.00	89.83	166.91	9544.03	8803.14	-8481.86	2413.33	15.00	0.93	0.00	8818.51	164.12	Imp Svys
1311	18213.00	89.99	166.95	9544.06	8818.14	-8496.47	2416.73	15.00	1.11	0.00	8833.49	164.12	Imp Svys
1312	18228.00	90.17	166.97	9544.03	8833.14	-8511.08	2420.11	15.00	1.18	0.00	8848.47	164.13	Imp Svys
1313	18243.00	90.33	166.97	9543.97	8848.14	-8525.69	2423.49	15.00	1.09	0.00	8863.45	164.13	Imp Svys
1314	18258.00	90.46	166.95	9543.86	8863.14	-8540.31	2426.88	15.00	0.84	0.00	8878.43	164.14	Imp Svys
1315	18273.00	90.51	166.89	9543.74	8878.14	-8554.92	2430.27	15.00	0.48	183.20	8893.42	164.14	MWD Run 4
1316	18288.00	90.41	166.79	9543.62	8893.14	-8569.52	2433.69	15.00	0.92	0.00	8908.40	164.15	Imp Svys
1317	18303.00	90.24	166.66	9543.53	8908.14	-8584.12	2437.13	15.00	1.40	0.00	8923.38	164.15	Imp Svys
1318	18318.00	90.04	166.53	9543.49	8923.13	-8598.71	2440.61	15.00	1.65	0.00	8938.37	164.15	Imp Svys
1319	18333.00	89.82	166.39	9543.51	8938.13	-8613.30	2444.12	15.00	1.69	0.00	8953.36	164.16	Imp Svys
1320	18348.00	89.63	166.27	9543.58	8953.13	-8627.87	2447.67	15.00	1.52	0.00	8968.35	164.16	Imp Svys
1321	18363.00	89.50	166.17	9543.70	8968.12	-8642.44	2451.24	15.00	1.11	183.20	8983.34	164.17	MWD Run 4
1322	18376.00	89.47	166.13	9543.81	8981.12	-8655.06	2454.35	13.00	0.37	0.00	8996.33	164.17	Imp Svys
1323	18389.00	89.50	166.12	9543.93	8994.12	-8667.68	2457.47	13.00	0.23	0.00	9009.32	164.17	Imp Svys
1324	18402.00	89.56	166.13	9544.04	9007.11	-8680.30	2460.58	13.00	0.51	0.00	9022.31	164.17	Imp Svys
1325	18415.00	89.66	166.16	9544.13	9020.11	-8692.92	2463.70	13.00	0.75	0.00	9035.30	164.18	Imp Svys
1326	18428.00	89.77	166.21	9544.19	9033.10	-8705.55	2466.80	13.00	0.98	0.00	9048.30	164.18	Imp Svys
1327	18441.00	89.91	166.29	9544.23	9046.10	-8718.17	2469.89	13.00	1.22	0.00	9061.29	164.18	Imp Svys
1328	18454.00	90.07	166.41	9544.23	9059.10	-8730.81	2472.96	13.00	1.52	183.20	9074.28	164.19	MWD Run 4
1329	18467.00	90.25	166.59	9544.19	9072.10	-8743.45	2475.99	13.00	1.96	0.00	9087.27	164.19	Imp Svys
1330	18480.00	90.45	166.79	9544.11	9085.09	-8756.10	2478.98	13.00	2.17	0.00	9100.25	164.19	Imp Svys
1331	18493.00	90.65	166.99	9543.99	9098.09	-8768.76	2481.93	13.00	2.18	0.00	9113.24	164.20	Imp Svys
1332	18506.00	90.82	167.19	9543.82	9111.09	-8781.43	2484.84	13.00	2.02	0.00	9126.22	164.20	Imp Svys
1333	18519.00	90.97	167.34	9543.62	9124.09	-8794.11	2487.70	13.00	1.64	0.00	9139.20	164.20	Imp Svys
1334	18532.00	91.05	167.44	9543.39	9137.09	-8806.79	2490.54	13.00	0.99	0.00	9152.18	164.21	Imp Svys
1335	18545.00	91.06	167.43	9543.15	9150.09	-8819.48	2493.37	13.00	0.07	183.20	9165.16	164.21	MWD Run 4
1336	18560.00	90.91	167.24	9542.89	9165.08	-8834.11	2496.65	15.00	1.63	0.00	9180.13	164.22	Imp Svys
1337	18575.00	90.67	166.93	9542.69	9180.08	-8848.73	2500.01	15.00	2.58	0.00	9195.11	164.22	Imp Svys
1338	18590.00	90.39	166.59	9542.55	9195.08	-8863.33	2503.44	15.00	2.96	0.00	9210.10	164.23	Imp Svys
1339	18605.00	90.12	166.26	9542.48	9210.08	-8877.91	2506.96	15.00	2.85	0.00	9225.09	164.23	Imp Svys
1340	18620.00	89.90	166.01	9542.48	9225.07	-8892.48	2510.56	15.00	2.22	0.00	9240.08	164.23	Imp Svys

1341	18635.00	89.80	165.91	9542.52	9240.07	-8907.03	2514.20	15.00	0.94	185.00	9255.07	164.24	MWD Run 4
1342	18648.00	89.91	166.06	9542.55	9253.06	-8919.64	2517.35	13.00	1.45	0.00	9268.06	164.24	Imp Svys
1343	18661.00	90.11	166.35	9542.55	9266.06	-8932.26	2520.45	13.00	2.68	0.00	9281.06	164.24	Imp Svys
1344	18674.00	90.36	166.71	9542.50	9279.06	-8944.91	2523.48	13.00	3.37	0.00	9294.05	164.25	Imp Svys
1345	18687.00	90.63	167.10	9542.38	9292.06	-8957.57	2526.42	13.00	3.63	0.00	9307.03	164.25	Imp Svys
1346	18700.00	90.88	167.48	9542.21	9305.05	-8970.25	2529.28	13.00	3.51	0.00	9320.01	164.25	Imp Svys
1347	18713.00	91.08	167.81	9541.99	9318.05	-8982.95	2532.06	13.00	2.99	0.00	9332.99	164.26	Imp Svys
1348	18726.00	91.19	168.05	9541.73	9331.05	-8995.66	2534.78	13.00	2.02	185.00	9345.96	164.26	MWD Run 4
1349	18741.00	91.13	168.13	9541.43	9346.05	-9010.33	2537.88	15.00	0.67	0.00	9360.92	164.27	Imp Svys
1350	18756.00	90.94	168.09	9541.16	9361.04	-9025.01	2540.97	15.00	1.26	0.00	9375.89	164.28	Imp Svys
1351	18771	90.68	167.97	9540.95	9376.04	-9039.68	2544.08	15	1.9	0	9390.85	164.28	Imp Svys
1352	18786	90.38	167.81	9540.81	9391.04	-9054.34	2547.22	15	2.27	0	9405.82	164.29	Imp Svys
1353	18801	90.06	167.66	9540.75	9406.04	-9069	2550.41	15	2.39	0	9420.79	164.29	Imp Svys
1354	18816	89.74	167.53	9540.78	9421.04	-9083.65	2553.63	15	2.31	185	9435.77	164.3	MWD Run 4
1355	18831	89.44	167.47	9540.89	9436.04	-9098.29	2556.88	15	2	0	9450.75	164.3	Imp Svys
1356	18846	89.16	167.45	9541.07	9451.04	-9112.94	2560.13	15	1.85	0	9465.72	164.31	Imp Svys
1357	18861	88.9	167.46	9541.32	9466.04	-9127.58	2563.39	15	1.75	0	9480.7	164.31	Imp Svys
1358	18876	88.65	167.48	9541.64	9481.03	-9142.22	2566.64	15	1.66	0	9495.67	164.32	Imp Svys
1359	18891	88.42	167.52	9542.03	9496.03	-9156.86	2569.89	15	1.54	0	9510.64	164.32	Imp Svys
1360	18906	88.22	167.56	9542.46	9511.02	-9171.5	2573.13	15	1.37	185	9525.61	164.33	MWD Run 4
1361	18921	88.06	167.59	9542.95	9526.01	-9186.14	2576.35	15	1.1	0	9540.58	164.33	Imp Svys
1362	18936	87.93	167.64	9543.48	9541	-9200.78	2579.57	15	0.92	0	9555.55	164.34	Imp Svys
1363	18951	87.82	167.68	9544.03	9555.99	-9215.42	2582.77	15	0.8	0	9570.51	164.34	Imp Svys
1364	18966	87.72	167.71	9544.62	9570.98	-9230.07	2585.97	15	0.7	0	9585.47	164.35	Imp Svys
1365	18981	87.64	167.75	9545.22	9585.97	-9244.71	2589.15	15	0.6	0	9600.44	164.35	Imp Svys
1366	18996	87.57	167.78	9545.85	9600.96	-9259.36	2592.33	15	0.48	185	9615.4	164.36	MWD Run 4
1367	19011	87.53	167.8	9546.49	9615.94	-9274	2595.5	15	0.29	0	9630.36	164.36	Imp Svys
1368	19026	87.5	167.81	9547.14	9630.93	-9288.65	2598.66	15	0.23	0	9645.32	164.37	Imp Svys
1369	19041	87.46	167.82	9547.8	9645.91	-9303.3	2601.83	15	0.26	0	9660.27	164.38	Imp Svys
1370	19056	87.4	167.84	9548.48	9660.9	-9317.95	2604.98	15	0.39	0	9675.23	164.38	Imp Svys
1371	19071	87.31	167.87	9549.17	9675.88	-9332.6	2608.14	15	0.65	0	9690.19	164.39	Imp Svys
1372	19086	88.26	167.58	9549.75	9690.87	-9347.24	2611.32	15	6.62	183.2	9705.15	164.39	MWD Run 4
1373	19101	88.75	167.53	9550.14	9705.86	-9361.89	2614.56	15	3.28	0	9720.12	164.4	Imp Svys
1374	19116	88.43	167.6	9550.51	9720.86	-9376.53	2617.78	15	2.17	0	9735.1	164.4	Imp Svys
1375	19131	88.08	167.68	9550.96	9735.85	-9391.17	2620.99	15	2.41	0	9750.06	164.41	Imp Svys
1376	19146	87.72	167.76	9551.51	9750.84	-9405.82	2624.18	15	2.48	0	9765.03	164.41	Imp Svys
1377	19161	87.37	167.83	9552.15	9765.83	-9420.47	2627.35	15	2.37	0	9779.99	164.42	Imp Svys
1378	19176	88.49	167.63	9552.7	9780.82	-9435.12	2630.54	15	7.56	181.4	9794.95	164.42	MWD Run 4
1379	19189	88.64	167.6	9553.02	9793.81	-9447.81	2633.32	13	1.21	0	9807.93	164.43	Imp Svys
1380	19202	88.37	167.62	9553.36	9806.81	-9460.5	2636.11	13	2.04	0	9820.91	164.43	Imp Svys
1381	19215	88.12	167.64	9553.76	9819.8	-9473.19	2638.9	13	1.97	0	9833.88	164.43	Imp Svys
1382	19228	87.88	167.68	9554.21	9832.8	-9485.89	2641.67	13	1.83	0	9846.85	164.44	Imp Svys
1383	19241	87.68	167.74	9554.72	9845.79	-9498.58	2644.44	13	1.63	0	9859.82	164.44	Imp Svys
1384	19254	87.62	167.82	9555.25	9858.77	-9511.27	2647.19	13	0.78	0	9872.79	164.45	Imp Svys
1385	19267	88.65	167.78	9555.68	9871.77	-9523.97	2649.93	13	7.93	181.4	9885.76	164.45	MWD Run 4
1386	19282	89.55	167.72	9555.91	9886.77	-9538.63	2653.12	15	6.05	0	9900.73	164.46	Imp Svys
1387	19297	89.63	168.08	9556.02	9901.76	-9553.3	2656.26	15	2.41	0	9915.7	164.46	Imp Svys
1388	19312	89.75	168.47	9556.1	9916.76	-9567.98	2659.31	15	2.75	0	9930.67	164.47	Imp Svys
1389	19327	89.88	168.86	9556.15	9931.76	-9582.69	2662.26	15	2.71	0	9945.63	164.47	Imp Svys
1390	19342	90.32	168.96	9556.12	9946.76	-9597.41	2665.14	15	3.02	0	9960.59	164.48	Imp Svys
1391	19357	91.61	168.49	9555.87	9961.75	-9612.12	2668.07	15	9.17	181.4	9975.54	164.49	MWD Run 4
1392	19370.57	92.1	168.58	9555.43	9975.31	-9625.41	2670.77	13.57	3.65	0	9989.07	164.49	Imp Svys
1393	19384.14	92.18	168.67	9554.92	9988.87	-9638.71	2673.45	13.57	0.88	0	10002.6	164.5	Imp Svys
1394	19397.71	92.26	168.73	9554.4	10002.43	-9652.01	2676.1	13.57	0.73	0	10016.1	164.5	Imp Svys
1395	19411.29	92.33	168.77	9553.86	10015.99	-9665.31	2678.75	13.57	0.64	0	10029.7	164.51	Imp Svys
1396	19424.86	92.41	168.8	9553.29	10029.54	-9678.61	2681.39	13.57	0.58	0	10043.2	164.51	Imp Svys
1397	19438.43	92.47	168.81	9552.72	10043.1	-9691.91	2684.02	13.57	0.5	0	10056.7	164.52	Imp Svys
1398	19452	92.53	168.82	9552.12	10056.65	-9705.21	2686.65	13.57	0.4	183.2	10070.2	164.53	MWD Run 4
1399	19465.71	92.56	168.81	9551.51	10070.35	-9718.65	2689.31	13.71	0.25	0	10083.9	164.53	Imp Svys
1400	19479.43	92.59	168.81	9550.9	10084.05	-9732.09	2691.97	13.71	0.18	0	10097.5	164.54	Imp Svys
1401	19493.14	92.6	168.8	9550.28	10097.74	-9745.53	2694.63	13.71	0.15	0	10111.2	164.54	Imp Svys
1402	19506.86	92.62	168.79	9549.65	10111.44	-9758.97	2697.29	13.71	0.16	0	10124.9	164.55	Imp Svys
1403	19520.57	92.65	168.79	9549.02	10125.14	-9772.4	2699.95	13.71	0.2	0	10138.5	164.56	Imp Svys
1404	19534.29	92.69	168.79	9548.38	10138.83	-9785.84	2702.62	13.71	0.3	0	10152.2	164.56	Imp Svys
1405	19548	92.76	168.81	9547.73	10152.53	-9799.28	2705.28	13.71	0.48	185	10165.9	164.57	MWD Run 4
1406	19561.57	92.86	168.85	9547.07	10166.08	-9812.58	2707.91	13.57	0.82	0	10179.4	164.57	Imp Svys
1407	19575.14	92.98	168.91	9546.37	10179.63	-9825.88	2710.52	13.57	1	0	10192.9	164.58	Imp Svys
1408	19588.71	93.11	168.97	9545.65	10193.18	-9839.18	2713.12	13.57	1.07	0	10206.4	164.58	Imp Svys

1409	19602.29	93.25	169.02	9544.9	10206.72	-9852.48	2715.71	13.57	1.05	0	10219.9	164.59	Imp Svys
1410	19615.86	93.37	169.05	9544.12	10220.27	-9865.78	2718.28	13.57	0.95	0	10233.4	164.6	Imp Svys
1411	19629.43	93.48	169.05	9543.31	10233.81	-9879.08	2720.86	13.57	0.78	0	10246.9	164.6	Imp Svys
1412	19643	93.55	169	9542.47	10247.35	-9892.38	2723.44	13.57	0.65	185	10260.4	164.61	MWD Run 4
1413	19656.57	93.57	168.87	9541.63	10260.89	-9905.67	2726.04	13.57	0.96	0	10273.9	164.61	Imp Svys
1414	19670.14	93.56	168.7	9540.79	10274.43	-9918.96	2728.67	13.57	1.29	0	10287.4	164.62	Imp Svys
1415	19683.71	93.51	168.49	9539.95	10287.98	-9932.24	2731.35	13.57	1.53	0	10301	164.62	Imp Svys
1416	19697.29	93.44	168.28	9539.13	10301.52	-9945.51	2734.07	13.57	1.67	0	10314.5	164.63	Imp Svys
1417	19710.86	93.35	168.06	9538.32	10315.07	-9958.77	2736.85	13.57	1.74	0	10328	164.63	Imp Svys
1418	19724.43	92.24	167.61	9537.66	10328.62	-9972.02	2739.71	13.57	8.78	0	10341.5	164.64	Imp Svys
1419	19738	91.32	167.79	9537.24	10342.19	-9985.27	2742.6	13.57	6.92	185	10355.1	164.64	MWD Run 4
1420	19751.43	91.07	167.56	9536.96	10355.61	-9998.39	2745.46	13.43	2.53	0	10368.5	164.65	Imp Svys
1421	19764.86	90.79	167.32	9536.74	10369.04	-10011.49	2748.38	13.43	2.79	0	10381.9	164.65	Imp Svys
1422	19778.29	90.48	167.08	9536.59	10382.47	-10024.59	2751.35	13.43	2.86	0	10395.3	164.65	Imp Svys
1423	19791.71	90.19	166.87	9536.51	10395.9	-10037.67	2754.38	13.43	2.73	0	10408.7	164.66	Imp Svys
1424	19805.14	89.92	166.69	9536.5	10409.32	-10050.74	2757.45	13.43	2.4	0	10422.1	164.66	Imp Svys
1425	19818.57	89.7	166.58	9536.55	10422.75	-10063.81	2760.56	13.43	1.82	0	10435.6	164.66	Imp Svys
1426	19832	89.56	166.58	9536.63	10436.18	-10076.87	2763.67	13.43	0.99	185	10449	164.66	MWD Run 4
1427	19845.43	89.57	166.74	9536.74	10449.6	-10089.94	2766.77	13.43	1.19	0	10462.4	164.67	Imp Svys
1428	19858.86	89.67	166.99	9536.82	10463.03	-10103.01	2769.82	13.43	2.04	0	10475.8	164.67	Imp Svys
1429	19872.29	89.82	167.3	9536.88	10476.46	-10116.1	2772.81	13.43	2.54	0	10489.2	164.67	Imp Svys
1430	19885.71	89.98	167.63	9536.91	10489.89	-10129.21	2775.72	13.43	2.73	0	10502.7	164.68	Imp Svys
1431	19899.14	90.15	167.94	9536.89	10503.32	-10142.34	2778.57	13.43	2.63	0	10516.1	164.68	Imp Svys
1432	19912.57	90.29	168.2	9536.84	10516.74	-10155.48	2781.34	13.43	2.22	0	10529.5	164.68	Imp Svys
1433	19926	90.38	168.37	9536.76	10530.17	-10168.62	2784.07	13.43	1.43	185	10542.9	164.69	MWD Run 4
1434	19939.43	90.38	168.38	9536.67	10543.6	-10181.78	2786.77	13.43	0.07	0	10556.3	164.69	Imp Svys
1435	19952.86	90.32	168.29	9536.59	10557.02	-10194.93	2789.49	13.43	0.8	0	10569.7	164.7	Imp Svys
1436	19966.29	90.22	168.14	9536.53	10570.45	-10208.07	2792.23	13.43	1.34	0	10583.1	164.7	Imp Svys
1437	19979.71	90.09	167.96	9536.49	10583.88	-10221.21	2795.01	13.43	1.64	0	10596.5	164.71	Imp Svys
1438	19993.14	89.94	167.78	9536.49	10597.31	-10234.34	2797.83	13.43	1.77	0	10609.9	164.71	Imp Svys
1439	20006.57	89.72	167.58	9536.53	10610.74	-10247.46	2800.7	13.43	2.21	0	10623.3	164.71	Imp Svys
1440	20020	88.95	167.31	9536.68	10624.16	-10260.57	2803.62	13.43	6.1	185	10636.7	164.72	MWD Run 4
1441	20033.57	88.76	167.2	9536.95	10637.73	-10273.8	2806.61	13.57	1.57	0	10650.3	164.72	Imp Svys
1442	20047.14	88.57	167.11	9537.27	10651.3	-10287.03	2809.62	13.57	1.55	0	10663.8	164.72	Imp Svys
1443	20060.71	88.38	167.04	9537.63	10664.87	-10300.25	2812.66	13.57	1.52	0	10677.4	164.73	Imp Svys
1444	20074.29	88.19	166.98	9538.03	10678.43	-10313.47	2815.71	13.57	1.46	0	10690.9	164.73	Imp Svys
1445	20087.86	88.01	166.93	9538.48	10691.99	-10326.68	2818.77	13.57	1.35	0	10704.5	164.73	Imp Svys
1446	20101.43	87.86	166.9	9538.97	10705.56	-10339.89	2821.84	13.57	1.18	0	10718	164.74	Imp Svys
1447	20115	87.74	166.88	9539.49	10719.12	-10353.1	2824.91	13.57	0.91	186.8	10731.6	164.74	MWD Run 4
1448	20128.71	87.67	166.89	9540.04	10732.82	-10366.45	2828.02	13.71	0.49	0	10745.3	164.74	Imp Svys
1449	20142.43	87.64	166.92	9540.61	10746.52	-10379.8	2831.13	13.71	0.3	0	10759	164.74	Imp Svys
1450	20156.14	87.62	166.95	9541.17	10760.22	-10393.14	2834.23	13.71	0.27	0	10772.7	164.75	Imp Svys
1451	20169.86	87.61	166.99	9541.74	10773.92	-10406.49	2837.32	13.71	0.27	0	10786.4	164.75	Imp Svys
1452	20183.57	87.6	167.02	9542.32	10787.63	-10419.84	2840.4	13.71	0.26	0	10800.1	164.75	Imp Svys
1453	20197.29	87.57	167.04	9542.9	10801.33	-10433.2	2843.47	13.71	0.29	0	10813.7	164.75	Imp Svys
1454	20211	87.51	167.05	9543.48	10815.03	-10446.55	2846.54	13.71	0.45	186.8	10827.4	164.76	MWD Run 4
1455	20224.43	87.39	167.04	9544.08	10828.44	-10459.62	2849.55	13.43	0.84	0	10840.8	164.76	Imp Svys
1456	20237.86	87.25	167	9544.71	10841.86	-10472.69	2852.56	13.43	1.1	0	10854.2	164.76	Imp Svys
1457	20251.29	87.08	166.96	9545.37	10855.27	-10485.76	2855.59	13.43	1.27	0	10867.6	164.77	Imp Svys
1458	20264.71	86.9	166.92	9546.08	10868.68	-10498.82	2858.62	13.43	1.38	0	10881	164.77	Imp Svys
1459	20278.14	86.71	166.88	9546.83	10882.09	-10511.88	2861.66	13.43	1.45	0	10894.4	164.77	Imp Svys
1460	20291.57	86.52	166.84	9547.62	10895.49	-10524.94	2864.7	13.43	1.48	0	10907.8	164.77	Imp Svys
1461	20305	86.32	166.82	9548.46	10908.89	-10537.99	2867.76	13.43	1.5	188.6	10921.2	164.78	MWD Run 4
1462	20318.75	86.11	166.82	9549.37	10922.61	-10551.35	2870.89	13.75	1.5	0	10934.9	164.78	Imp Svys
1463	20332.5	85.91	166.84	9550.32	10936.33	-10564.7	2874.01	13.75	1.48	0	10948.7	164.78	Imp Svys
1464	20346.25	85.72	166.86	9551.33	10950.04	-10578.06	2877.13	13.75	1.4	0	10962.4	164.78	Imp Svys
1465	20360	85.54	166.88	9552.37	10963.75	-10591.41	2880.24	13.75	1.26	188.6	10976.1	164.79	MWD Run 4
1466	20373	85.46	166.88	9553.39	10976.71	-10604.03	2883.19	13	0.66	0	10989	164.79	Imp Svys
1467	20386	85.38	166.88	9554.43	10989.66	-10616.65	2886.13	13	0.61	0	11002	164.79	Imp Svys
1468	20399	85.3	166.87	9555.49	11002.62	-10629.27	2889.07	13	0.59	0	11014.9	164.79	Imp Svys
1469	20412	85.23	166.87	9556.56	11015.58	-10641.88	2892.01	13	0.57	0	11027.9	164.8	Imp Svys
PTB	20425	85.16	166.86	9557.65	11028.53	-10654.5	2894.96	13	0.56	0	11040.8	164.8	Imp Svys



**MWD SURVEY CERTIFICATION**  
**Gordon Technologies, LLC**

State Of Texas

County Of Andrews

I, Corey Pellerin certify that; I am employed by Gordon Technologies, LLC.;  
that I did on the day(s) of October 9, 2021 through October 29, 2021 conduct  
or supervise the taking of a MWD survey from a depth of 14 feet to a depth of  
20,425 feet; that the data is true, correct, complete and within the limitations of the  
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;  
that this survey was conducted at the request of Diamondback E&P LLC for the  
UL Cuckoo Bee 5-19 G 3LS Well, A.P.I. No. 42-003-48400 in  
Spraberry (Trend Area) Field and that I have reviewed this report and find that  
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

\_\_\_\_\_  
Surveyor's Signature

\_\_\_\_\_  
MWD Coordinator

Title