



# Directional Survey Report

Company: **Diamondback E&P LLC**  
 Well: **UL Cuckoo Bee 5-19 K 4JM**  
 County: **Andrews**  
 State: **Texas**  
 Field: **Spraberry (Trend Area)**  
 API: **42-003-48403**  
 Rig: **Akita 803**  
 Service Co: **Gordon Technologies, LLC**  
 Job #: **GT211348**  
 Survey Calc: **Minimum Curvature**

Well Surface Location  
 Latitude: **32.423468**  
 Longitude: **-102.248677**  
 Reference: **NAD 1927**  
 Y (Northing): **308439**  
 X (Easting): **535206**  
 Field Engr: **Anthony Nguyen**  
**Ryan Steglich**

Report Date: **Nov 30 2021**  
 Time: **10:11**  
 Mag Reference: **Grid North**  
 Mag Correction: **8.469**  
 Vert Sect. Azi: **167.50**  
 Perm Datum: **Mean Sea Level**  
 Depth Ref: **Rotary Table**  
 RKB Height: **31**  
 GL Elev: **2960**

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	94.20	0.24	0.59	94.20	-0.19	0.20	0.00	94.20	0.25	0.00	0.20	0.59	Gyro Survey
2	182.40	0.15	21.20	182.40	-0.47	0.49	0.05	88.20	0.13	0.00	0.49	5.33	Gyro Survey
3	277.90	0.04	266.24	277.90	-0.58	0.60	0.06	95.50	0.18	0.00	0.61	5.45	Gyro Survey
4	368.90	0.09	222.21	368.90	-0.54	0.55	-0.02	91.00	0.07	0.00	0.55	357.70	Gyro Survey
5	461.40	0.14	223.37	461.40	-0.44	0.41	-0.15	92.50	0.05	0.00	0.44	340.22	Gyro Survey
6	553.80	0.18	216.27	553.80	-0.28	0.21	-0.31	92.40	0.05	0.00	0.38	304.45	Gyro Survey
7	645.20	0.27	205.47	645.20	-0.01	-0.10	-0.49	91.40	0.11	0.00	0.50	258.88	Gyro Survey
8	736.60	0.13	345.24	736.60	0.05	-0.19	-0.61	91.40	0.41	0.00	0.64	252.62	Gyro Survey
9	827.40	0.12	194.89	827.40	0.04	-0.18	-0.66	90.80	0.27	0.00	0.68	254.51	Gyro Survey
10	919.60	0.14	180.50	919.60	0.23	-0.39	-0.68	92.20	0.04	0.00	0.79	240.43	Gyro Survey
11	1011.80	0.34	179.79	1011.80	0.61	-0.77	-0.68	92.20	0.22	0.00	1.03	221.48	Gyro Survey
12	1104.30	0.31	173.38	1104.29	1.13	-1.30	-0.66	92.50	0.05	0.00	1.45	206.78	Gyro Survey
13	1198.30	0.25	163.17	1198.29	1.58	-1.75	-0.57	94.00	0.08	0.00	1.84	197.96	Gyro Survey
14	1292.40	0.24	151.82	1292.39	1.98	-2.12	-0.41	94.10	0.05	0.00	2.16	191.06	Gyro Survey
15	1385.30	0.26	148.96	1385.29	2.36	-2.47	-0.21	92.90	0.03	0.00	2.48	184.94	Gyro Survey
16	1478.30	0.31	140.06	1478.29	2.79	-2.84	0.06	93.00	0.07	0.00	2.84	178.85	Gyro Survey
17	1572.20	0.34	134.53	1572.19	3.25	-3.23	0.42	93.90	0.05	0.00	3.26	172.62	Gyro Survey
18	1667.10	0.35	117.63	1667.09	3.67	-3.56	0.88	94.90	0.11	0.00	3.67	166.19	Gyro Survey
19	1760.90	0.39	120.08	1760.89	4.07	-3.86	1.41	93.80	0.05	0.00	4.11	159.97	Gyro Survey
20	1855.50	0.36	106.02	1855.48	4.43	-4.10	1.97	94.60	0.10	0.00	4.55	154.34	Gyro Survey
21	1869.00	0.32	108.40	1868.98	4.47	-4.12	2.05	13.50	0.30	0.00	4.60	153.60	Imp Svys
22	1882.50	0.29	111.21	1882.48	4.51	-4.15	2.11	13.50	0.29	0.00	4.66	152.99	Imp Svys
23	1896.00	0.25	114.67	1895.98	4.54	-4.17	2.17	13.50	0.29	0.00	4.70	152.50	Imp Svys
24	1909.50	0.21	119.05	1909.48	4.58	-4.20	2.22	13.50	0.29	0.00	4.75	152.11	Imp Svys
25	1923.00	0.18	124.81	1922.98	4.61	-4.22	2.26	13.50	0.28	0.00	4.79	151.83	Imp Svys
26	1936.50	0.15	132.65	1936.48	4.64	-4.25	2.29	13.50	0.28	0.00	4.83	151.64	Imp Svys
27	1950.00	0.13	143.70	1949.98	4.67	-4.27	2.31	13.50	0.28	82.40	4.86	151.55	MWD Run 1
28	1963.43	0.09	137.75	1963.41	4.69	-4.29	2.33	13.43	0.27	0.00	4.88	151.50	Imp Svys
29	1976.86	0.06	124.37	1976.84	4.71	-4.30	2.34	13.43	0.27	0.00	4.90	151.43	Imp Svys
30	1990.29	0.04	88.40	1990.27	4.71	-4.31	2.35	13.43	0.27	0.00	4.91	151.35	Imp Svys
31	2003.71	0.04	35.57	2003.70	4.71	-4.30	2.36	13.43	0.28	0.00	4.91	151.25	Imp Svys
32	2017.14	0.07	11.82	2017.13	4.70	-4.29	2.37	13.43	0.28	0.00	4.90	151.13	Imp Svys
33	2030.57	0.45	77.94	2030.55	4.69	-4.27	2.42	13.43	3.17	0.00	4.91	150.47	Imp Svys
34	2044.00	0.51	79.00	2043.98	4.69	-4.25	2.53	13.43	0.49	84.20	4.94	149.23	MWD Run 1
35	2057.57	0.48	72.46	2057.55	4.69	-4.22	2.64	13.57	0.50	0.00	4.98	147.93	Imp Svys
36	2071.14	0.45	64.91	2071.12	4.67	-4.18	2.75	13.57	0.50	0.00	5.00	146.70	Imp Svys
37	2084.71	0.43	56.45	2084.70	4.64	-4.13	2.84	13.57	0.50	0.00	5.01	145.51	Imp Svys
38	2098.29	0.42	47.39	2098.27	4.60	-4.07	2.91	13.57	0.50	0.00	5.00	144.37	Imp Svys
39	2111.86	0.42	38.20	2111.84	4.54	-3.99	2.98	13.57	0.50	0.00	4.98	143.24	Imp Svys
40	2125.43	0.82	54.99	2125.41	4.47	-3.90	3.09	13.57	3.17	0.00	4.98	141.57	Imp Svys
41	2139.00	0.98	57.66	2138.98	4.40	-3.78	3.27	13.57	1.22	86.00	5.00	139.13	MWD Run 1
42	2152.57	1.00	56.94	2152.55	4.32	-3.65	3.47	13.57	0.16	0.00	5.04	136.50	Imp Svys
43	2166.14	1.01	56.24	2166.12	4.23	-3.52	3.67	13.57	0.16	0.00	5.08	133.86	Imp Svys
44	2179.71	1.03	55.54	2179.69	4.14	-3.39	3.87	13.57	0.17	0.00	5.14	131.21	Imp Svys
45	2193.29	1.05	54.85	2193.25	4.05	-3.25	4.07	13.57	0.17	0.00	5.21	128.57	Imp Svys
46	2206.86	1.08	55.86	2206.82	3.95	-3.10	4.28	13.57	0.25	0.00	5.28	125.95	Imp Svys
47	2220.43	1.50	66.16	2220.39	3.87	-2.96	4.55	13.57	3.49	0.00	5.42	123.06	Imp Svys
48	2234.00	1.81	68.84	2233.96	3.81	-2.81	4.91	13.57	2.36	87.80	5.65	119.79	MWD Run 1

49	2247.43	1.80	69.41	2247.38	3.74	-2.66	5.30	13.43	0.14	0.00	5.93	116.63	Imp Svys
50	2260.86	1.79	70.05	2260.80	3.69	-2.51	5.70	13.43	0.16	0.00	6.23	113.81	Imp Svys
51	2274.29	1.78	70.71	2274.22	3.63	-2.37	6.09	13.43	0.16	0.00	6.54	111.28	Imp Svys
52	2287.71	1.78	71.33	2287.65	3.59	-2.24	6.49	13.43	0.15	0.00	6.86	109.03	Imp Svys
53	2301.14	1.80	72.19	2301.07	3.55	-2.11	6.88	13.43	0.26	0.00	7.20	107.01	Imp Svys
54	2314.57	2.21	76.30	2314.49	3.52	-1.98	7.34	13.43	3.27	0.00	7.60	105.10	Imp Svys
55	2328.00	2.49	78.63	2327.91	3.52	-1.86	7.87	13.43	2.20	87.80	8.09	103.30	MWD Run 1
56	2341.43	2.49	78.52	2341.32	3.53	-1.75	8.45	13.43	0.05	0.00	8.62	101.68	Imp Svys
57	2354.86	2.48	78.31	2354.74	3.54	-1.63	9.02	13.43	0.07	0.00	9.16	100.24	Imp Svys
58	2368.29	2.48	78.05	2368.15	3.55	-1.51	9.59	13.43	0.09	0.00	9.70	98.95	Imp Svys
59	2381.71	2.48	77.78	2381.57	3.55	-1.39	10.15	13.43	0.09	0.00	10.25	97.78	Imp Svys
60	2395.14	2.51	77.50	2394.98	3.55	-1.26	10.73	13.43	0.24	0.00	10.80	96.71	Imp Svys
61	2408.57	2.92	76.83	2408.40	3.55	-1.12	11.35	13.43	3.10	0.00	11.40	95.64	Imp Svys
62	2422.00	3.24	76.72	2421.81	3.54	-0.96	12.05	13.43	2.36	89.60	12.09	94.53	MWD Run 1
63	2435.43	3.25	76.70	2435.21	3.53	-0.78	12.79	13.43	0.06	0.00	12.81	93.49	Imp Svys
64	2448.86	3.26	76.71	2448.62	3.52	-0.61	13.53	13.43	0.08	0.00	13.55	92.56	Imp Svys
65	2462.29	3.27	76.73	2462.03	3.51	-0.43	14.28	13.43	0.09	0.00	14.28	91.72	Imp Svys
66	2475.71	3.29	76.78	2475.43	3.50	-0.25	15.02	13.43	0.11	0.00	15.03	90.97	Imp Svys
67	2489.14	3.33	76.92	2488.84	3.49	-0.08	15.78	13.43	0.32	0.00	15.78	90.28	Imp Svys
68	2502.57	3.73	78.11	2502.24	3.49	0.10	16.59	13.43	3.04	0.00	16.59	89.65	Imp Svys
69	2516.00	3.99	79.09	2515.64	3.51	0.28	17.47	13.43	1.99	91.40	17.48	89.08	MWD Run 1
70	2529.57	4.02	79.22	2529.18	3.54	0.46	18.40	13.57	0.19	0.00	18.41	88.57	Imp Svys
71	2543.14	4.04	79.35	2542.72	3.57	0.64	19.34	13.57	0.22	0.00	19.35	88.12	Imp Svys
72	2556.71	4.07	79.49	2556.26	3.60	0.81	20.29	13.57	0.22	0.00	20.30	87.71	Imp Svys
73	2570.29	4.10	79.63	2569.79	3.63	0.99	21.24	13.57	0.21	0.00	21.26	87.34	Imp Svys
74	2583.86	4.15	79.70	2583.33	3.67	1.16	22.20	13.57	0.38	0.00	22.23	87.00	Imp Svys
75	2597.43	4.58	78.99	2596.86	3.70	1.35	23.21	13.57	3.19	0.00	23.25	86.66	Imp Svys
76	2611.00	4.92	77.66	2610.39	3.72	1.58	24.31	13.57	2.65	91.40	24.36	86.28	MWD Run 1
77	2624.43	4.93	77.73	2623.76	3.72	1.83	25.44	13.43	0.07	0.00	25.50	85.89	Imp Svys
78	2637.86	4.93	77.80	2637.14	3.73	2.07	26.57	13.43	0.05	0.00	26.65	85.54	Imp Svys
79	2651.29	4.93	77.88	2650.52	3.73	2.31	27.70	13.43	0.05	0.00	27.79	85.22	Imp Svys
80	2664.71	4.93	77.98	2663.90	3.74	2.56	28.83	13.43	0.06	0.00	28.94	84.93	Imp Svys
81	2678.14	4.93	78.12	2677.28	3.75	2.80	29.96	13.43	0.09	0.00	30.09	84.67	Imp Svys
82	2691.57	5.28	79.52	2690.66	3.78	3.03	31.13	13.43	2.72	0.00	31.27	84.45	Imp Svys
83	2705.00	5.60	79.31	2704.02	3.82	3.26	32.38	13.43	2.38	91.40	32.54	84.25	MWD Run 1
84	2718.43	5.59	79.64	2717.39	3.87	3.50	33.66	13.43	0.24	0.00	33.85	84.07	Imp Svys
85	2731.86	5.58	80.01	2730.75	3.92	3.73	34.95	13.43	0.27	0.00	35.15	83.91	Imp Svys
86	2745.29	5.58	80.41	2744.12	3.98	3.95	36.24	13.43	0.29	0.00	36.45	83.78	Imp Svys
87	2758.71	5.57	80.79	2757.48	4.06	4.17	37.52	13.43	0.29	0.00	37.75	83.67	Imp Svys
88	2772.14	5.56	81.15	2770.85	4.13	4.37	38.81	13.43	0.27	0.00	39.05	83.58	Imp Svys
89	2785.57	5.98	81.39	2784.21	4.22	4.57	40.14	13.43	3.14	0.00	40.40	83.50	Imp Svys
90	2799.00	6.31	81.14	2797.56	4.32	4.79	41.56	13.43	2.46	91.40	41.84	83.42	MWD Run 1
91	2812.57	6.28	81.32	2811.05	4.41	5.02	43.03	13.57	0.23	0.00	43.33	83.35	Imp Svys
92	2826.14	6.25	81.47	2824.54	4.51	5.24	44.50	13.57	0.24	0.00	44.81	83.28	Imp Svys
93	2839.71	6.22	81.61	2838.03	4.62	5.46	45.96	13.57	0.25	0.00	46.28	83.23	Imp Svys
94	2853.29	6.19	81.74	2851.52	4.72	5.67	47.41	13.57	0.25	0.00	47.75	83.18	Imp Svys
95	2866.86	6.16	81.88	2865.02	4.83	5.88	48.86	13.57	0.25	0.00	49.21	83.14	Imp Svys
96	2880.43	6.52	81.17	2878.50	4.94	6.10	50.34	13.57	2.70	0.00	50.71	83.09	Imp Svys
97	2894.00	6.78	80.63	2891.98	5.03	6.35	51.89	13.57	1.95	93.20	52.28	83.02	MWD Run 1
98	2907.43	6.75	80.82	2905.32	5.12	6.60	53.45	13.43	0.27	0.00	53.86	82.96	Imp Svys
99	2920.86	6.72	81.04	2918.66	5.22	6.85	55.01	13.43	0.28	0.00	55.43	82.90	Imp Svys
100	2934.29	6.69	81.26	2931.99	5.32	7.09	56.55	13.43	0.29	0.00	57.00	82.85	Imp Svys
101	2947.71	6.66	81.51	2945.33	5.42	7.33	58.10	13.43	0.31	0.00	58.56	82.81	Imp Svys
102	2961.14	6.63	81.77	2958.67	5.53	7.55	59.64	13.43	0.34	0.00	60.11	82.78	Imp Svys
103	2974.57	7.04	81.85	2972.00	5.65	7.78	61.22	13.43	3.09	0.00	61.71	82.76	Imp Svys
104	2988.00	7.39	81.71	2985.32	5.78	8.02	62.89	13.43	2.62	93.20	63.40	82.73	MWD Run 1
105	3001.57	7.33	82.07	2998.78	5.91	8.27	64.61	13.57	0.55	0.00	65.13	82.71	Imp Svys
106	3015.14	7.27	82.46	3012.24	6.06	8.50	66.32	13.57	0.60	0.00	66.86	82.70	Imp Svys
107	3028.71	7.20	82.88	3025.71	6.21	8.72	68.01	13.57	0.61	0.00	68.57	82.70	Imp Svys
108	3042.29	7.14	83.28	3039.17	6.37	8.92	69.70	13.57	0.60	0.00	70.26	82.71	Imp Svys
109	3055.86	7.08	83.64	3052.64	6.55	9.11	71.36	13.57	0.54	0.00	71.94	82.72	Imp Svys
110	3069.43	7.37	83.50	3066.10	6.73	9.30	73.06	13.57	2.08	0.00	73.65	82.74	Imp Svys
111	3083.00	7.71	82.65	3079.56	6.90	9.52	74.83	13.57	2.69	93.20	75.43	82.75	MWD Run 1
112	3096.43	7.68	82.84	3092.86	7.07	9.75	76.61	13.43	0.31	0.00	77.23	82.75	Imp Svys
113	3109.86	7.65	83.00	3106.17	7.24	9.97	78.39	13.43	0.28	0.00	79.02	82.75	Imp Svys
114	3123.29	7.62	83.15	3119.48	7.41	10.18	80.16	13.43	0.25	0.00	80.81	82.76	Imp Svys
115	3136.71	7.60	83.28	3132.79	7.59	10.39	81.93	13.43	0.24	0.00	82.58	82.77	Imp Svys
116	3150.14	7.57	83.38	3146.10	7.77	10.60	83.69	13.43	0.24	0.00	84.35	82.78	Imp Svys

117	3163.57	7.92	82.37	3159.41	7.93	10.82	85.48	13.43	2.80	0.00	86.16	82.78	Imp Svys
118	3177.00	8.29	81.78	3172.71	8.09	11.08	87.36	13.43	2.87	95.00	88.06	82.77	MWD Run 1
119	3190.43	8.41	81.62	3185.99	8.23	11.37	89.29	13.43	0.86	0.00	90.01	82.75	Imp Svys
120	3203.86	8.37	81.62	3199.28	8.37	11.65	91.23	13.43	0.26	0.00	91.97	82.72	Imp Svys
121	3217.29	8.34	81.61	3212.56	8.51	11.94	93.16	13.43	0.28	0.00	93.92	82.70	Imp Svys
122	3230.71	8.30	81.57	3225.85	8.65	12.22	95.08	13.43	0.30	0.00	95.86	82.68	Imp Svys
123	3244.14	8.28	81.47	3239.14	8.78	12.51	96.99	13.43	0.17	0.00	97.79	82.65	Imp Svys
124	3257.57	8.62	80.98	3252.42	8.91	12.81	98.94	13.43	2.58	0.00	99.77	82.62	Imp Svys
125	3271.00	8.98	80.94	3265.69	9.04	13.13	100.97	13.43	2.67	95.00	101.82	82.59	MWD Run 1
126	3284.43	9.03	80.80	3278.95	9.16	13.46	103.04	13.43	0.45	0.00	103.92	82.56	Imp Svys
127	3297.86	8.96	80.54	3292.22	9.27	13.80	105.12	13.43	0.63	0.00	106.02	82.52	Imp Svys
128	3311.29	8.88	80.26	3305.48	9.38	14.15	107.17	13.43	0.66	0.00	108.10	82.48	Imp Svys
129	3324.71	8.80	79.99	3318.75	9.47	14.50	109.20	13.43	0.66	0.00	110.16	82.43	Imp Svys
130	3338.14	8.73	79.74	3332.02	9.56	14.86	111.22	13.43	0.61	0.00	112.21	82.39	Imp Svys
131	3351.57	9.03	79.10	3345.29	9.63	15.25	113.26	13.43	2.36	0.00	114.28	82.33	Imp Svys
132	3365.00	9.33	78.46	3358.55	9.68	15.66	115.36	13.43	2.36	95.00	116.42	82.27	MWD Run 1
133	3378.57	9.50	78.15	3371.94	9.71	16.11	117.53	13.57	1.26	0.00	118.63	82.19	Imp Svys
134	3392.14	9.45	78.14	3385.32	9.73	16.57	119.72	13.57	0.34	0.00	120.86	82.12	Imp Svys
135	3405.71	9.40	78.15	3398.71	9.76	17.03	121.89	13.57	0.34	0.00	123.08	82.05	Imp Svys
136	3419.29	9.35	78.16	3412.10	9.78	17.48	124.06	13.57	0.36	0.00	125.28	81.98	Imp Svys
137	3432.86	9.30	78.17	3425.49	9.81	17.93	126.21	13.57	0.42	0.00	127.48	81.91	Imp Svys
138	3446.43	9.60	78.86	3438.88	9.85	18.38	128.39	13.57	2.39	0.00	129.70	81.85	Imp Svys
139	3460.00	9.70	79.24	3452.26	9.91	18.81	130.63	13.57	0.86	96.80	131.97	81.81	MWD Run 1
140	3473.43	9.58	79.20	3465.50	9.98	19.23	132.83	13.43	0.84	0.00	134.22	81.76	Imp Svys
141	3486.86	9.90	79.53	3478.73	10.05	19.65	135.07	13.43	2.42	0.00	136.49	81.72	Imp Svys
142	3500.29	9.87	79.56	3491.96	10.13	20.07	137.34	13.43	0.26	0.00	138.79	81.69	Imp Svys
143	3513.71	9.72	79.49	3505.20	10.21	20.48	139.58	13.43	1.10	0.00	141.08	81.65	Imp Svys
144	3527.14	9.58	79.41	3518.43	10.29	20.89	141.80	13.43	1.09	0.00	143.33	81.62	Imp Svys
145	3540.57	9.82	79.25	3531.67	10.36	21.31	144.02	13.43	1.80	0.00	145.59	81.58	Imp Svys
146	3554.00	9.97	79.13	3544.90	10.43	21.75	146.29	13.43	1.15	96.80	147.89	81.54	MWD Run 1
147	3569.00	9.82	79.05	3559.68	10.50	22.23	148.82	15.00	0.99	0.00	150.47	81.50	Imp Svys
148	3584.00	10.10	78.56	3574.45	10.56	22.74	151.36	15.00	1.92	0.00	153.06	81.46	Imp Svys
149	3599.00	10.20	78.46	3589.22	10.61	23.26	153.95	15.00	0.67	0.00	155.70	81.41	Imp Svys
150	3614.00	10.07	78.43	3603.98	10.65	23.79	156.54	15.00	0.82	0.00	158.34	81.36	Imp Svys
151	3629.00	10.17	78.74	3618.75	10.70	24.32	159.12	15.00	0.76	0.00	160.97	81.31	Imp Svys
152	3644.00	10.51	79.48	3633.50	10.78	24.82	161.77	15.00	2.39	96.80	163.66	81.28	MWD Run 1
153	3657.00	10.50	79.63	3646.29	10.86	25.25	164.10	13.00	0.21	0.00	166.03	81.25	Imp Svys
154	3670.00	10.65	79.46	3659.07	10.95	25.69	166.44	13.00	1.19	0.00	168.41	81.23	Imp Svys
155	3683.00	10.90	79.52	3671.84	11.03	26.13	168.83	13.00	1.92	0.00	170.84	81.20	Imp Svys
156	3696.00	10.93	79.68	3684.60	11.12	26.57	171.25	13.00	0.33	0.00	173.30	81.18	Imp Svys
157	3709.00	10.97	79.81	3697.37	11.22	27.01	173.68	13.00	0.32	0.00	175.77	81.16	Imp Svys
158	3722.00	11.16	79.72	3710.12	11.32	27.46	176.14	13.00	1.47	0.00	178.27	81.14	Imp Svys
159	3735.00	11.49	79.24	3722.87	11.41	27.92	178.65	13.00	2.68	96.80	180.82	81.12	MWD Run 1
160	3750.00	11.50	78.97	3737.57	11.49	28.49	181.58	15.00	0.36	0.00	183.80	81.08	Imp Svys
161	3765.00	11.78	78.48	3752.26	11.55	29.08	184.55	15.00	2.01	0.00	186.83	81.05	Imp Svys
162	3780.00	12.19	78.46	3766.93	11.61	29.70	187.60	15.00	2.68	0.00	189.94	81.00	Imp Svys
163	3795.00	12.18	78.08	3781.60	11.65	30.35	190.70	15.00	0.54	0.00	193.10	80.96	Imp Svys
164	3810.00	12.37	76.79	3796.25	11.65	31.04	193.81	15.00	2.22	0.00	196.28	80.90	Imp Svys
165	3825.00	12.57	74.98	3810.90	11.55	31.83	196.95	15.00	2.92	96.80	199.51	80.82	MWD Run 1
166	3840.00	12.56	74.47	3825.54	11.40	32.69	200.10	15.00	0.75	0.00	202.75	80.72	Imp Svys
167	3855.00	12.63	72.74	3840.18	11.17	33.61	203.24	15.00	2.57	0.00	206.00	80.61	Imp Svys
168	3870.00	12.77	71.06	3854.81	10.85	34.64	206.37	15.00	2.63	0.00	209.26	80.47	Imp Svys
169	3885.00	12.74	70.74	3869.44	10.47	35.72	209.50	15.00	0.53	0.00	212.53	80.32	Imp Svys
170	3900.00	12.71	70.42	3884.07	10.07	36.82	212.62	15.00	0.51	0.00	215.79	80.18	Imp Svys
171	3915.00	12.70	70.15	3898.71	9.66	37.93	215.73	15.00	0.41	96.80	219.04	80.03	MWD Run 1
172	3928.00	12.70	70.01	3911.39	9.29	38.91	218.41	13.00	0.23	0.00	221.85	79.90	Imp Svys
173	3941.00	12.71	69.94	3924.07	8.91	39.89	221.10	13.00	0.16	0.00	224.67	79.77	Imp Svys
174	3954.00	12.73	69.90	3936.75	8.54	40.87	223.79	13.00	0.14	0.00	227.49	79.65	Imp Svys
175	3967.00	12.75	69.89	3949.43	8.16	41.85	226.48	13.00	0.14	0.00	230.31	79.53	Imp Svys
176	3980.00	12.76	69.91	3962.11	7.78	42.84	229.17	13.00	0.14	0.00	233.14	79.41	Imp Svys
177	3993.00	12.78	69.96	3974.79	7.40	43.83	231.87	13.00	0.13	0.00	235.98	79.30	Imp Svys
178	4006.00	12.78	70.03	3987.47	7.02	44.81	234.57	13.00	0.13	98.60	238.82	79.19	MWD Run 1
179	4021.00	12.77	70.15	4002.10	6.60	45.94	237.69	15.00	0.18	0.00	242.09	79.06	Imp Svys
180	4036.00	12.75	70.29	4016.73	6.18	47.06	240.81	15.00	0.25	0.00	245.37	78.94	Imp Svys
181	4051.00	12.72	70.44	4031.36	5.77	48.17	243.93	15.00	0.30	0.00	248.64	78.83	Imp Svys
182	4066.00	12.69	70.60	4045.99	5.36	49.27	247.04	15.00	0.34	0.00	251.90	78.72	Imp Svys
183	4081.00	12.64	70.75	4060.62	4.97	50.36	250.14	15.00	0.36	0.00	255.16	78.62	Imp Svys
184	4096.00	12.59	70.88	4075.26	4.59	51.44	253.23	15.00	0.39	98.60	258.40	78.52	MWD Run 1

185	4111.00	12.53	70.97	4089.90	4.22	52.50	256.32	15.00	0.44	0.00	261.64	78.42	Imp Svys
186	4126.00	12.46	71.04	4104.55	3.85	53.56	259.38	15.00	0.47	0.00	264.86	78.33	Imp Svys
187	4141.00	12.39	71.11	4119.20	3.49	54.61	262.44	15.00	0.49	0.00	268.06	78.25	Imp Svys
188	4156.00	12.31	71.16	4133.85	3.14	55.64	265.47	15.00	0.49	0.00	271.24	78.16	Imp Svys
189	4171.00	12.24	71.23	4148.51	2.78	56.67	268.49	15.00	0.47	0.00	274.41	78.08	Imp Svys
190	4186.00	12.18	71.30	4163.17	2.44	57.69	271.50	15.00	0.44	100.40	277.56	78.00	MWD Run 1
191	4201.00	12.13	71.40	4177.83	2.10	58.70	274.49	15.00	0.37	0.00	280.69	77.93	Imp Svys
192	4216.00	12.09	71.51	4192.50	1.77	59.70	277.47	15.00	0.33	0.00	283.82	77.86	Imp Svys
193	4231.00	12.05	71.62	4207.17	1.45	60.69	280.45	15.00	0.30	0.00	286.94	77.79	Imp Svys
194	4246.00	12.01	71.70	4221.84	1.13	61.67	283.41	15.00	0.28	0.00	290.05	77.72	Imp Svys
195	4261.00	11.97	71.75	4236.51	0.82	62.65	286.37	15.00	0.27	0.00	293.14	77.66	Imp Svys
196	4276.00	11.93	71.73	4251.19	0.50	63.62	289.32	15.00	0.27	100.40	296.23	77.60	MWD Run 1
197	4291.00	11.88	71.59	4265.86	0.19	64.60	292.26	15.00	0.35	0.00	299.31	77.54	Imp Svys
198	4306.00	11.83	71.39	4280.54	-0.13	65.58	295.18	15.00	0.42	0.00	302.38	77.47	Imp Svys
199	4321.00	11.78	71.16	4295.22	-0.47	66.56	298.09	15.00	0.45	0.00	305.43	77.41	Imp Svys
200	4336.00	11.73	70.93	4309.91	-0.81	67.55	300.98	15.00	0.46	0.00	308.47	77.35	Imp Svys
201	4351.00	11.68	70.72	4324.60	-1.16	68.55	303.85	15.00	0.44	0.00	311.49	77.29	Imp Svys
202	4366.00	11.66	70.56	4339.29	-1.53	69.56	306.72	15.00	0.28	102.20	314.51	77.22	MWD Run 1
203	4379.00	11.62	70.53	4352.02	-1.84	70.43	309.19	13.00	0.32	0.00	317.11	77.17	Imp Svys
204	4392.00	11.57	70.55	4364.76	-2.16	71.30	311.65	13.00	0.32	0.00	319.71	77.11	Imp Svys
205	4405.00	11.53	70.60	4377.49	-2.47	72.17	314.11	13.00	0.34	0.00	322.29	77.06	Imp Svys
206	4418.00	11.49	70.68	4390.23	-2.78	73.03	316.55	13.00	0.37	0.00	324.87	77.01	Imp Svys
207	4431.00	11.44	70.79	4402.97	-3.09	73.88	318.99	13.00	0.41	0.00	327.44	76.96	Imp Svys
208	4444.00	11.38	70.91	4415.71	-3.39	74.73	321.42	13.00	0.47	0.00	329.99	76.91	Imp Svys
209	4457.00	11.49	70.72	4428.46	-3.69	75.57	323.86	13.00	0.90	100.40	332.56	76.86	MWD Run 1
210	4472.00	11.43	70.65	4443.16	-4.04	76.56	326.67	15.00	0.41	0.00	335.52	76.81	Imp Svys
211	4487.00	11.33	70.87	4457.86	-4.39	77.53	329.47	15.00	0.72	0.00	338.47	76.76	Imp Svys
212	4502.00	11.64	70.75	4472.56	-4.74	78.52	332.29	15.00	2.06	0.00	341.44	76.71	Imp Svys
213	4517.00	11.91	71.43	4487.25	-5.08	79.51	335.18	15.00	2.02	0.00	344.48	76.66	Imp Svys
214	4532.00	11.79	71.65	4501.93	-5.40	80.48	338.11	15.00	0.88	0.00	347.55	76.61	Imp Svys
215	4547.00	11.65	71.84	4516.61	-5.70	81.44	341.00	15.00	0.93	102.20	350.59	76.57	MWD Run 1
216	4562.00	11.51	71.92	4531.31	-6.00	82.37	343.86	15.00	0.96	0.00	353.59	76.53	Imp Svys
217	4577.00	11.36	71.94	4546.01	-6.29	83.30	346.69	15.00	0.97	0.00	356.55	76.49	Imp Svys
218	4592.00	11.22	71.93	4560.72	-6.57	84.21	349.48	15.00	0.95	0.00	359.48	76.45	Imp Svys
219	4607.00	11.09	71.90	4575.44	-6.85	85.11	352.24	15.00	0.89	0.00	362.37	76.42	Imp Svys
220	4622.00	11.25	71.95	4590.15	-7.13	86.01	355.00	15.00	1.07	0.00	365.27	76.38	Imp Svys
221	4637.00	11.51	72.03	4604.86	-7.42	86.92	357.81	15.00	1.74	98.60	368.22	76.35	MWD Run 1
222	4652.00	11.42	72.04	4619.56	-7.70	87.84	360.65	15.00	0.57	0.00	371.19	76.31	Imp Svys
223	4667.00	11.71	71.65	4634.25	-8.00	88.78	363.51	15.00	1.98	0.00	374.19	76.28	Imp Svys
224	4682.00	11.72	71.57	4648.94	-8.31	89.74	366.40	15.00	0.14	0.00	377.23	76.24	Imp Svys
225	4697.00	11.67	71.61	4663.63	-8.62	90.70	369.28	15.00	0.35	0.00	380.26	76.20	Imp Svys
226	4712.00	11.57	71.60	4678.32	-8.94	91.66	372.15	15.00	0.67	0.00	383.27	76.16	Imp Svys
227	4727.00	11.87	71.02	4693.01	-9.26	92.63	375.03	15.00	2.13	102.20	386.30	76.13	MWD Run 1
228	4740.00	12.14	70.59	4705.73	-9.58	93.52	377.59	13.00	2.22	0.00	389.00	76.09	Imp Svys
229	4753.00	11.96	70.49	4718.44	-9.91	94.42	380.15	13.00	1.42	0.00	391.70	76.05	Imp Svys
230	4766.00	11.75	70.37	4731.16	-10.24	95.32	382.66	13.00	1.59	0.00	394.35	76.01	Imp Svys
231	4779.00	11.54	70.24	4743.89	-10.57	96.20	385.13	13.00	1.66	0.00	396.97	75.97	Imp Svys
232	4792.00	11.33	70.11	4756.64	-10.89	97.08	387.56	13.00	1.63	0.00	399.53	75.94	Imp Svys
233	4805.00	11.13	70.01	4769.39	-11.22	97.94	389.94	13.00	1.52	0.00	402.05	75.90	Imp Svys
234	4818.00	10.96	69.96	4782.15	-11.55	98.79	392.28	13.00	1.30	104.00	404.52	75.86	MWD Run 1
235	4833.00	10.82	70.00	4796.88	-11.92	99.76	394.94	15.00	0.92	0.00	407.34	75.82	Imp Svys
236	4848.00	10.72	70.11	4811.61	-12.28	100.72	397.57	15.00	0.67	0.00	410.13	75.78	Imp Svys
237	4863.00	10.65	70.26	4826.35	-12.64	101.66	400.19	15.00	0.50	0.00	412.90	75.75	Imp Svys
238	4878.00	10.60	70.42	4841.10	-12.98	102.59	402.80	15.00	0.39	0.00	415.66	75.71	Imp Svys
239	4893.00	10.57	70.58	4855.84	-13.32	103.51	405.39	15.00	0.31	0.00	418.40	75.68	Imp Svys
240	4908.00	10.55	70.74	4870.59	-13.64	104.42	407.99	15.00	0.25	104.00	421.14	75.64	MWD Run 1
241	4923.00	10.54	70.89	4885.33	-13.96	105.33	410.58	15.00	0.18	0.00	423.87	75.61	Imp Svys
242	4938.00	10.54	71.02	4900.08	-14.28	106.22	413.17	15.00	0.16	0.00	426.61	75.58	Imp Svys
243	4953.00	10.55	71.13	4914.83	-14.58	107.11	415.77	15.00	0.15	0.00	429.34	75.55	Imp Svys
244	4968.00	10.56	71.23	4929.57	-14.89	108.00	418.37	15.00	0.16	0.00	432.08	75.53	Imp Svys
245	4983.00	10.59	71.30	4944.32	-15.18	108.88	420.98	15.00	0.19	0.00	434.83	75.50	Imp Svys
246	4998.00	10.62	71.35	4959.06	-15.48	109.77	423.59	15.00	0.23	105.80	437.58	75.47	MWD Run 1
247	5013.00	10.66	71.35	4973.80	-15.78	110.65	426.21	15.00	0.29	0.00	440.34	75.45	Imp Svys
248	5028.00	10.71	71.33	4988.54	-16.08	111.54	428.85	15.00	0.33	0.00	443.12	75.42	Imp Svys
249	5043.00	10.77	71.30	5003.28	-16.38	112.44	431.50	15.00	0.35	0.00	445.91	75.40	Imp Svys
250	5058.00	10.82	71.27	5018.02	-16.68	113.34	434.16	15.00	0.35	0.00	448.71	75.37	Imp Svys
251	5073.00	10.87	71.25	5032.75	-16.99	114.24	436.83	15.00	0.33	0.00	451.52	75.34	Imp Svys
252	5088.00	10.91	71.25	5047.48	-17.30	115.16	439.51	15.00	0.26	105.80	454.35	75.32	MWD Run 1

253	5103.00	10.93	71.31	5062.21	-17.61	116.07	442.20	15.00	0.16	0.00	457.18	75.29	Imp Svys
254	5118.00	10.94	71.39	5076.93	-17.91	116.98	444.90	15.00	0.14	0.00	460.02	75.27	Imp Svys
255	5133.00	10.95	71.48	5091.66	-18.21	117.88	447.60	15.00	0.14	0.00	462.86	75.25	Imp Svys
256	5148.00	10.97	71.57	5106.39	-18.51	118.79	450.31	15.00	0.14	0.00	465.71	75.22	Imp Svys
257	5163.00	10.99	71.63	5121.11	-18.80	119.69	453.02	15.00	0.16	0.00	468.56	75.20	Imp Svys
258	5178.00	11.02	71.65	5135.84	-19.09	120.59	455.73	15.00	0.23	107.60	471.42	75.18	MWD Run 1
259	5193.00	11.08	71.61	5150.56	-19.39	121.50	458.46	15.00	0.39	0.00	474.29	75.16	Imp Svys
260	5208.00	11.15	71.52	5165.28	-19.69	122.41	461.21	15.00	0.49	0.00	477.18	75.14	Imp Svys
261	5223.00	11.23	71.42	5179.99	-19.99	123.34	463.97	15.00	0.55	0.00	480.08	75.11	Imp Svys
262	5238.00	11.32	71.31	5194.70	-20.31	124.27	466.75	15.00	0.58	0.00	483.01	75.09	Imp Svys
263	5253.00	11.40	71.22	5209.41	-20.63	125.22	469.54	15.00	0.60	0.00	485.95	75.07	Imp Svys
264	5268.00	11.49	71.15	5224.11	-20.95	126.18	472.36	15.00	0.59	107.60	488.92	75.04	MWD Run 1
265	5283.00	11.58	71.13	5238.81	-21.29	127.15	475.20	15.00	0.57	0.00	491.92	75.02	Imp Svys
266	5298.00	11.66	71.14	5253.50	-21.62	128.13	478.06	15.00	0.56	0.00	494.93	75.00	Imp Svys
267	5313.00	11.74	71.17	5268.19	-21.96	129.11	480.94	15.00	0.54	0.00	497.97	74.97	Imp Svys
268	5328.00	11.82	71.22	5282.87	-22.29	130.10	483.84	15.00	0.53	0.00	501.02	74.95	Imp Svys
269	5343.00	11.89	71.28	5297.55	-22.63	131.09	486.75	15.00	0.50	0.00	504.10	74.93	Imp Svys
270	5358.00	11.96	71.34	5312.23	-22.96	132.08	489.69	15.00	0.46	107.60	507.19	74.91	MWD Run 1
271	5373.00	12.02	71.42	5326.90	-23.30	133.08	492.65	15.00	0.41	0.00	510.30	74.88	Imp Svys
272	5388.00	12.07	71.51	5341.57	-23.62	134.07	495.61	15.00	0.36	0.00	513.43	74.86	Imp Svys
273	5403.00	12.12	71.59	5356.24	-23.95	135.07	498.59	15.00	0.32	0.00	516.57	74.84	Imp Svys
274	5418.00	12.15	71.67	5370.90	-24.27	136.06	501.59	15.00	0.27	0.00	519.71	74.82	Imp Svys
275	5433.00	12.18	71.74	5385.57	-24.59	137.05	504.59	15.00	0.21	0.00	522.87	74.80	Imp Svys
276	5448.00	12.19	71.79	5400.23	-24.91	138.04	507.60	15.00	0.11	107.60	526.03	74.79	MWD Run 1
277	5463.00	12.19	71.80	5414.89	-25.22	139.03	510.61	15.00	0.05	0.00	529.20	74.77	Imp Svys
278	5478.00	12.17	71.80	5429.55	-25.54	140.02	513.61	15.00	0.13	0.00	532.36	74.75	Imp Svys
279	5493.00	12.14	71.78	5444.22	-25.85	141.01	516.61	15.00	0.17	0.00	535.51	74.73	Imp Svys
280	5508.00	12.11	71.78	5458.88	-26.17	141.99	519.61	15.00	0.20	0.00	538.66	74.72	Imp Svys
281	5523.00	12.08	71.79	5473.55	-26.48	142.98	522.59	15.00	0.20	0.00	541.80	74.70	Imp Svys
282	5538.00	12.06	71.83	5488.22	-26.79	143.96	525.57	15.00	0.18	107.60	544.93	74.68	MWD Run 1
283	5551.00	12.04	71.92	5500.93	-27.06	144.80	528.15	13.00	0.18	0.00	547.64	74.67	Imp Svys
284	5564.00	12.03	72.04	5513.64	-27.32	145.64	530.73	13.00	0.20	0.00	550.35	74.65	Imp Svys
285	5577.00	12.03	72.17	5526.36	-27.57	146.47	533.31	13.00	0.22	0.00	553.06	74.64	Imp Svys
286	5590.00	12.02	72.30	5539.07	-27.82	147.30	535.89	13.00	0.23	0.00	555.76	74.63	Imp Svys
287	5603.00	12.00	72.43	5551.79	-28.06	148.12	538.47	13.00	0.23	0.00	558.47	74.62	Imp Svys
288	5616.00	11.99	72.55	5564.50	-28.30	148.93	541.04	13.00	0.23	0.00	561.17	74.61	Imp Svys
289	5629.00	11.96	72.65	5577.22	-28.53	149.74	543.62	13.00	0.24	109.40	563.86	74.60	MWD Run 1
290	5644.00	11.92	72.71	5591.90	-28.79	150.66	546.58	15.00	0.29	0.00	566.97	74.59	Imp Svys
291	5659.00	11.87	72.73	5606.57	-29.05	151.58	549.53	15.00	0.33	0.00	570.06	74.58	Imp Svys
292	5674.00	11.82	72.74	5621.25	-29.30	152.49	552.47	15.00	0.36	0.00	573.13	74.57	Imp Svys
293	5689.00	11.76	72.75	5635.94	-29.56	153.40	555.40	15.00	0.36	0.00	576.20	74.56	Imp Svys
294	5704.00	11.71	72.77	5650.62	-29.81	154.31	558.32	15.00	0.35	0.00	579.25	74.55	Imp Svys
295	5719.00	11.67	72.80	5665.31	-30.06	155.21	561.22	15.00	0.30	109.40	582.29	74.54	MWD Run 1
296	5734.00	11.64	72.88	5680.00	-30.30	156.10	564.11	15.00	0.23	0.00	585.31	74.53	Imp Svys
297	5749.00	11.61	72.98	5694.70	-30.55	156.99	567.00	15.00	0.21	0.00	588.34	74.52	Imp Svys
298	5764.00	11.59	73.09	5709.39	-30.78	157.87	569.89	15.00	0.20	0.00	591.35	74.52	Imp Svys
299	5779.00	11.57	73.20	5724.08	-31.01	158.74	572.77	15.00	0.21	0.00	594.36	74.51	Imp Svys
300	5794.00	11.54	73.30	5738.78	-31.23	159.61	575.65	15.00	0.22	0.00	597.37	74.50	Imp Svys
301	5809.00	11.51	73.38	5753.48	-31.45	160.47	578.52	15.00	0.26	111.20	600.36	74.50	MWD Run 1
302	5822.00	11.46	73.41	5766.22	-31.63	161.21	581.00	13.00	0.36	0.00	602.95	74.49	Imp Svys
303	5835.00	11.41	73.42	5778.96	-31.82	161.94	583.47	13.00	0.41	0.00	605.53	74.49	Imp Svys
304	5848.00	11.35	73.43	5791.70	-32.00	162.67	585.93	13.00	0.45	0.00	608.09	74.48	Imp Svys
305	5861.00	11.29	73.43	5804.45	-32.18	163.40	588.38	13.00	0.46	0.00	610.65	74.48	Imp Svys
306	5874.00	11.23	73.44	5817.20	-32.36	164.13	590.81	13.00	0.45	0.00	613.18	74.47	Imp Svys
307	5887.00	11.18	73.46	5829.95	-32.54	164.85	593.23	13.00	0.42	0.00	615.71	74.47	Imp Svys
308	5900.00	11.13	73.51	5842.71	-32.72	165.56	595.64	13.00	0.36	111.20	618.23	74.47	MWD Run 1
309	5915.00	11.10	73.61	5857.43	-32.91	166.38	598.42	15.00	0.29	0.00	621.12	74.46	Imp Svys
310	5930.00	11.07	73.75	5872.15	-33.11	167.19	601.18	15.00	0.25	0.00	624.00	74.46	Imp Svys
311	5945.00	11.05	73.90	5886.87	-33.29	167.99	603.95	15.00	0.23	0.00	626.88	74.46	Imp Svys
312	5960.00	11.04	74.07	5901.59	-33.47	168.78	606.71	15.00	0.22	0.00	629.75	74.45	Imp Svys
313	5975.00	11.03	74.23	5916.31	-33.63	169.57	609.47	15.00	0.21	0.00	632.62	74.45	Imp Svys
314	5990.00	11.03	74.39	5931.04	-33.79	170.34	612.23	15.00	0.21	111.20	635.49	74.45	MWD Run 1
315	6005.00	11.05	74.55	5945.76	-33.95	171.11	615.00	15.00	0.22	0.00	638.36	74.45	Imp Svys
316	6020.00	11.07	74.70	5960.48	-34.09	171.88	617.78	15.00	0.23	0.00	641.24	74.45	Imp Svys
317	6035.00	11.09	74.84	5975.20	-34.23	172.63	620.56	15.00	0.24	0.00	644.12	74.45	Imp Svys
318	6050.00	11.12	74.98	5989.92	-34.36	173.39	623.35	15.00	0.25	0.00	647.01	74.46	Imp Svys
319	6065.00	11.14	75.11	6004.64	-34.48	174.13	626.14	15.00	0.25	0.00	649.91	74.46	Imp Svys
320	6080.00	11.17	75.24	6019.35	-34.60	174.88	628.95	15.00	0.25	111.20	652.81	74.46	MWD Run 1

321	6095.00	11.20	75.37	6034.07	-34.71	175.61	631.76	15.00	0.24	0.00	655.72	74.47	Imp Svys
322	6110.00	11.22	75.49	6048.78	-34.82	176.35	634.58	15.00	0.23	0.00	658.63	74.47	Imp Svys
323	6125.00	11.24	75.61	6063.50	-34.92	177.08	637.41	15.00	0.21	0.00	661.55	74.47	Imp Svys
324	6140.00	11.26	75.73	6078.21	-35.01	177.80	640.25	15.00	0.18	0.00	664.48	74.48	Imp Svys
325	6155.00	11.27	75.83	6092.92	-35.10	178.52	643.09	15.00	0.15	0.00	667.41	74.49	Imp Svys
326	6170.00	11.27	75.92	6107.63	-35.18	179.23	645.93	15.00	0.12	111.20	670.34	74.49	MWD Run 1
327	6183.00	11.25	75.98	6120.38	-35.25	179.85	648.39	13.00	0.15	0.00	672.87	74.50	Imp Svys
328	6196.00	11.23	76.03	6133.13	-35.32	180.46	650.85	13.00	0.19	0.00	675.41	74.50	Imp Svys
329	6209.00	11.21	76.07	6145.88	-35.38	181.07	653.31	13.00	0.20	0.00	677.94	74.51	Imp Svys
330	6222.00	11.18	76.11	6158.63	-35.44	181.68	655.76	13.00	0.17	0.00	680.46	74.51	Imp Svys
331	6235.00	11.17	76.14	6171.39	-35.50	182.28	658.20	13.00	0.11	0.00	682.98	74.52	Imp Svys
332	6248.00	11.17	76.16	6184.14	-35.56	182.89	660.65	13.00	0.03	0.00	685.50	74.53	Imp Svys
333	6261.00	11.19	76.17	6196.89	-35.62	183.49	663.10	13.00	0.18	111.20	688.02	74.53	MWD Run 1
334	6275.20	11.26	76.17	6210.82	-35.68	184.15	665.78	14.20	0.46	0.00	690.78	74.54	Imp Svys
335	6289.40	11.34	76.16	6224.75	-35.75	184.82	668.48	14.20	0.60	0.00	693.56	74.55	Imp Svys
336	6303.60	11.43	76.15	6238.67	-35.82	185.49	671.20	14.20	0.62	0.00	696.36	74.55	Imp Svys
337	6317.80	11.51	76.13	6252.58	-35.88	186.16	673.95	14.20	0.53	0.00	699.19	74.56	Imp Svys
338	6332.00	11.55	76.10	6266.50	-35.95	186.84	676.70	14.20	0.30	111.20	702.02	74.56	MWD Run 1
339	6345.25	11.53	76.08	6279.48	-36.02	187.48	679.27	13.25	0.13	0.00	704.67	74.57	Imp Svys
340	6358.50	11.48	76.04	6292.46	-36.08	188.12	681.84	13.25	0.37	0.00	707.32	74.58	Imp Svys
341	6371.75	11.41	76.00	6305.45	-36.15	188.75	684.39	13.25	0.53	0.00	709.94	74.58	Imp Svys
342	6385.00	11.33	75.94	6318.44	-36.22	189.39	686.93	13.25	0.61	0.00	712.56	74.59	Imp Svys
343	6398.25	11.25	75.87	6331.43	-36.29	190.02	689.44	13.25	0.64	0.00	715.15	74.59	Imp Svys
344	6411.50	11.17	75.77	6344.43	-36.37	190.65	691.94	13.25	0.62	0.00	717.73	74.60	Imp Svys
345	6424.75	11.10	75.64	6357.43	-36.45	191.28	694.42	13.25	0.55	0.00	720.28	74.60	Imp Svys
346	6438.00	11.05	75.45	6370.43	-36.53	191.92	696.89	13.25	0.44	98.60	722.83	74.60	MWD Run 2
347	6453.00	11.04	75.16	6385.16	-36.64	192.65	699.67	15.00	0.38	0.00	725.70	74.61	Imp Svys
348	6468.00	11.06	74.82	6399.88	-36.77	193.39	702.44	15.00	0.44	0.00	728.58	74.61	Imp Svys
349	6483.00	11.09	74.49	6414.60	-36.91	194.15	705.22	15.00	0.47	0.00	731.46	74.61	Imp Svys
350	6498.00	11.12	74.20	6429.32	-37.07	194.93	708.01	15.00	0.43	0.00	734.35	74.61	Imp Svys
351	6513.00	11.54	73.68	6444.02	-37.26	195.75	710.84	15.00	2.83	0.00	737.30	74.60	Imp Svys
352	6528.00	11.56	73.62	6458.72	-37.46	196.59	713.72	15.00	0.16	93.20	740.30	74.60	MWD Run 2
353	6543.00	11.56	73.80	6473.42	-37.66	197.44	716.60	15.00	0.24	0.00	743.30	74.60	Imp Svys
354	6558.00	11.55	74.13	6488.11	-37.84	198.27	719.49	15.00	0.44	0.00	746.31	74.59	Imp Svys
355	6573.00	11.51	74.54	6502.81	-38.01	199.08	722.38	15.00	0.59	0.00	749.31	74.59	Imp Svys
356	6588.00	11.46	75.01	6517.51	-38.15	199.86	725.26	15.00	0.72	0.00	752.29	74.59	Imp Svys
357	6603.00	11.38	75.53	6532.21	-38.26	200.62	728.13	15.00	0.88	0.00	755.26	74.60	Imp Svys
358	6618.00	11.24	76.07	6546.92	-38.35	201.34	730.98	15.00	1.13	93.20	758.20	74.60	MWD Run 2
359	6633.00	11.04	76.61	6561.64	-38.41	202.02	733.80	15.00	1.56	0.00	761.10	74.61	Imp Svys
360	6648.00	10.79	77.16	6576.37	-38.44	202.67	736.56	15.00	1.80	0.00	763.94	74.62	Imp Svys
361	6663.00	10.52	77.69	6591.11	-38.44	203.27	739.27	15.00	1.89	0.00	766.71	74.63	Imp Svys
362	6678.00	10.25	78.17	6605.86	-38.42	203.84	741.92	15.00	1.85	0.00	769.41	74.64	Imp Svys
363	6693.00	10.46	77.50	6620.62	-38.41	204.40	744.55	15.00	1.56	0.00	772.10	74.65	Imp Svys
364	6708.00	10.24	77.76	6635.38	-38.40	204.98	747.18	15.00	1.45	91.40	774.79	74.66	MWD Run 2
365	6721.00	10.11	77.77	6648.17	-38.39	205.47	749.43	13.00	0.99	0.00	777.08	74.67	Imp Svys
366	6734.00	10.02	77.66	6660.97	-38.38	205.95	751.65	13.00	0.76	0.00	779.35	74.68	Imp Svys
367	6747.00	9.94	77.46	6673.77	-38.38	206.44	753.85	13.00	0.63	0.00	781.60	74.69	Imp Svys
368	6760.00	9.89	77.18	6686.58	-38.39	206.93	756.03	13.00	0.58	0.00	783.84	74.69	Imp Svys
369	6773.00	10.07	76.43	6699.38	-38.42	207.44	758.23	13.00	1.76	0.00	786.09	74.70	Imp Svys
370	6786.00	10.74	74.99	6712.17	-38.49	208.02	760.50	13.00	5.47	0.00	788.44	74.70	Imp Svys
371	6799.00	10.72	74.52	6724.94	-38.61	208.66	762.83	13.00	0.68	91.40	790.86	74.70	MWD Run 2
372	6814.00	10.72	73.85	6739.68	-38.77	209.42	765.52	15.00	0.83	0.00	793.65	74.70	Imp Svys
373	6829.00	10.73	73.11	6754.42	-38.96	210.21	768.20	15.00	0.93	0.00	796.44	74.70	Imp Svys
374	6844.00	10.74	72.34	6769.16	-39.20	211.04	770.87	15.00	0.96	0.00	799.23	74.69	Imp Svys
375	6859.00	10.72	71.59	6783.89	-39.46	211.91	773.52	15.00	0.93	0.00	802.02	74.68	Imp Svys
376	6874.00	11.56	70.39	6798.61	-39.79	212.85	776.26	15.00	5.79	0.00	804.92	74.67	Imp Svys
377	6889.00	11.58	69.78	6813.31	-40.18	213.88	779.09	15.00	0.82	91.40	807.91	74.65	MWD Run 2
378	6904.00	11.36	69.47	6828.01	-40.59	214.92	781.89	15.00	1.50	0.00	810.89	74.63	Imp Svys
379	6919.00	11.09	69.25	6842.72	-41.01	215.95	784.62	15.00	1.82	0.00	813.79	74.61	Imp Svys
380	6934.00	10.80	69.06	6857.45	-41.42	216.96	787.28	15.00	1.97	0.00	816.63	74.59	Imp Svys
381	6949.00	10.50	68.85	6872.19	-41.83	217.96	789.87	15.00	1.97	0.00	819.39	74.57	Imp Svys
382	6964.00	10.24	68.54	6886.94	-42.24	218.94	792.38	15.00	1.82	0.00	822.07	74.55	Imp Svys
383	6979.00	10.03	68.06	6901.71	-42.66	219.91	794.84	15.00	1.51	91.40	824.70	74.53	MWD Run 2
384	6994.00	9.93	67.29	6916.48	-43.11	220.90	797.24	15.00	1.12	0.00	827.28	74.51	Imp Svys
385	7009.00	9.88	66.34	6931.26	-43.59	221.91	799.61	15.00	1.13	0.00	829.83	74.49	Imp Svys
386	7024.00	9.86	65.30	6946.04	-44.11	222.97	801.96	15.00	1.19	0.00	832.38	74.46	Imp Svys
387	7039.00	9.83	64.24	6960.82	-44.67	224.06	804.28	15.00	1.23	0.00	834.90	74.43	Imp Svys
388	7054.00	10.60	65.07	6975.58	-45.26	225.20	806.68	15.00	5.22	0.00	837.53	74.40	Imp Svys

389	7069.00	10.85	64.86	6990.32	-45.87	226.38	809.21	15.00	1.65	91.40	840.28	74.37	MWD Run 2
390	7082.00	10.64	64.15	7003.09	-46.41	227.42	811.40	13.00	1.90	0.00	842.67	74.34	Imp Svys
391	7095.00	10.38	63.46	7015.87	-46.97	228.47	813.53	13.00	2.19	0.00	845.00	74.31	Imp Svys
392	7108.00	10.10	62.76	7028.66	-47.55	229.51	815.59	13.00	2.38	0.00	847.27	74.28	Imp Svys
393	7121.00	9.80	62.07	7041.47	-48.13	230.55	817.58	13.00	2.48	0.00	849.46	74.25	Imp Svys
394	7134.00	9.50	61.37	7054.28	-48.73	231.59	819.50	13.00	2.50	0.00	851.59	74.22	Imp Svys
395	7147.00	10.17	62.27	7067.09	-49.32	232.63	821.45	13.00	5.29	0.00	853.76	74.19	Imp Svys
396	7160.00	9.87	61.69	7079.89	-49.93	233.70	823.45	13.00	2.41	91.40	855.97	74.16	MWD Run 2
397	7175.00	9.54	61.14	7094.68	-50.63	234.91	825.67	15.00	2.26	0.00	858.43	74.12	Imp Svys
398	7190.00	9.23	60.62	7109.48	-51.33	236.10	827.81	15.00	2.13	0.00	860.82	74.08	Imp Svys
399	7205.00	8.95	60.10	7124.29	-52.03	237.27	829.87	15.00	1.98	0.00	863.12	74.04	Imp Svys
400	7220.00	8.69	59.55	7139.11	-52.73	238.42	831.86	15.00	1.79	0.00	865.35	74.01	Imp Svys
401	7235.00	9.10	63.55	7153.93	-53.36	239.53	833.89	15.00	4.94	0.00	867.61	73.97	Imp Svys
402	7250.00	9.50	66.61	7168.73	-53.88	240.55	836.09	15.00	4.24	91.40	870.01	73.95	MWD Run 2
403	7265.00	9.42	66.00	7183.53	-54.36	241.54	838.35	15.00	0.85	0.00	872.45	73.93	Imp Svys
404	7280.00	9.38	65.34	7198.33	-54.86	242.55	840.58	15.00	0.76	0.00	874.88	73.90	Imp Svys
405	7295.00	9.37	64.65	7213.13	-55.39	243.58	842.80	15.00	0.76	0.00	877.29	73.88	Imp Svys
406	7310.00	9.35	63.92	7227.93	-55.95	244.64	845.00	15.00	0.80	0.00	879.70	73.85	Imp Svys
407	7325.00	10.39	67.42	7242.71	-56.47	245.69	847.34	15.00	8.02	0.00	882.24	73.83	Imp Svys
408	7340.00	10.34	66.67	7257.46	-56.96	246.75	849.83	15.00	0.95	91.40	884.92	73.81	MWD Run 2
409	7355.00	10.27	65.84	7272.22	-57.48	247.83	852.28	15.00	1.12	0.00	887.58	73.79	Imp Svys
410	7370.00	10.17	64.94	7286.98	-58.04	248.93	854.70	15.00	1.25	0.00	890.21	73.76	Imp Svys
411	7385.00	10.04	64.00	7301.75	-58.64	250.07	857.07	15.00	1.37	0.00	892.81	73.73	Imp Svys
412	7400.00	9.89	63.02	7316.52	-59.26	251.23	859.40	15.00	1.51	0.00	895.37	73.70	Imp Svys
413	7415.00	10.67	64.60	7331.28	-59.90	252.41	861.80	15.00	5.48	0.00	898.00	73.68	Imp Svys
414	7430.00	11.00	65.01	7346.02	-60.52	253.61	864.35	15.00	2.30	91.40	900.79	73.65	MWD Run 2
415	7443.00	10.73	64.24	7358.78	-61.06	254.66	866.57	13.00	2.35	0.00	903.21	73.62	Imp Svys
416	7456.00	10.43	63.44	7371.56	-61.62	255.71	868.71	13.00	2.57	0.00	905.56	73.60	Imp Svys
417	7469.00	10.12	62.59	7384.35	-62.20	256.76	870.78	13.00	2.70	0.00	907.84	73.57	Imp Svys
418	7482.00	9.79	61.71	7397.16	-62.80	257.81	872.76	13.00	2.76	0.00	910.05	73.54	Imp Svys
419	7495.00	9.47	60.81	7409.97	-63.41	258.86	874.67	13.00	2.74	0.00	912.17	73.51	Imp Svys
420	7508.00	10.36	66.25	7422.78	-63.94	259.85	876.67	13.00	9.94	0.00	914.37	73.49	Imp Svys
421	7521.00	10.16	66.07	7435.57	-64.40	260.78	878.79	13.00	1.58	93.20	916.67	73.47	MWD Run 2
422	7536.00	9.81	65.28	7450.34	-64.93	261.86	881.16	15.00	2.52	0.00	919.25	73.45	Imp Svys
423	7551.00	9.46	64.47	7465.13	-65.48	262.92	883.43	15.00	2.47	0.00	921.73	73.43	Imp Svys
424	7566.00	9.12	63.60	7479.94	-66.04	263.98	885.61	15.00	2.45	0.00	924.12	73.40	Imp Svys
425	7581.00	8.78	62.64	7494.75	-66.62	265.04	887.69	15.00	2.46	0.00	926.42	73.38	Imp Svys
426	7596.00	9.38	65.79	7509.57	-67.16	266.06	889.83	15.00	5.15	0.00	928.75	73.35	Imp Svys
427	7611.00	9.76	67.57	7524.36	-67.63	267.05	892.12	15.00	3.24	93.20	931.23	73.34	MWD Run 2
428	7626.00	9.39	66.29	7539.15	-68.09	268.03	894.41	15.00	2.89	0.00	933.71	73.32	Imp Svys
429	7641.00	9.01	64.81	7553.95	-68.58	269.02	896.59	15.00	2.98	0.00	936.08	73.30	Imp Svys
430	7656.00	8.64	63.18	7568.78	-69.12	270.03	898.66	15.00	2.95	0.00	938.35	73.28	Imp Svys
431	7671.00	8.30	61.50	7583.61	-69.70	271.05	900.62	15.00	2.78	0.00	940.52	73.25	Imp Svys
432	7686.00	8.96	63.47	7598.44	-70.28	272.09	902.62	15.00	4.82	0.00	942.73	73.22	Imp Svys
433	7701.00	9.68	65.26	7613.25	-70.83	273.14	904.81	15.00	5.12	93.20	945.13	73.20	MWD Run 2
434	7716.00	9.52	64.46	7628.04	-71.38	274.20	907.07	15.00	1.37	0.00	947.61	73.18	Imp Svys
435	7731.00	9.40	63.78	7642.83	-71.95	275.28	909.29	15.00	1.08	0.00	950.04	73.16	Imp Svys
436	7746.00	9.29	63.13	7657.63	-72.54	276.37	911.47	15.00	1.01	0.00	952.45	73.13	Imp Svys
437	7761.00	9.16	62.47	7672.44	-73.15	277.47	913.61	15.00	1.15	0.00	954.81	73.11	Imp Svys
438	7776.00	9.89	65.03	7687.23	-73.74	278.56	915.83	15.00	5.65	0.00	957.26	73.08	Imp Svys
439	7791.00	10.75	67.51	7701.99	-74.26	279.64	918.29	15.00	6.43	93.20	959.93	73.06	MWD Run 2
440	7806.00	10.33	66.61	7716.74	-74.75	280.71	920.82	15.00	2.99	0.00	962.66	73.05	Imp Svys
441	7821.00	9.84	65.54	7731.50	-75.27	281.77	923.22	15.00	3.49	0.00	965.26	73.03	Imp Svys
442	7836.00	9.31	64.28	7746.30	-75.82	282.83	925.48	15.00	3.80	0.00	967.74	73.01	Imp Svys
443	7851.00	8.76	62.83	7761.11	-76.38	283.88	927.59	15.00	3.98	0.00	970.06	72.98	Imp Svys
444	7866.00	8.21	61.15	7775.94	-76.97	284.92	929.55	15.00	4.05	0.00	972.23	72.96	Imp Svys
445	7881.00	7.66	59.23	7790.80	-77.59	285.95	931.34	15.00	4.03	95.00	974.25	72.93	MWD Run 2
446	7896.00	7.11	57.57	7805.68	-78.22	286.96	932.99	15.00	3.92	0.00	976.12	72.90	Imp Svys
447	7911.00	6.59	55.68	7820.57	-78.86	287.94	934.48	15.00	3.83	0.00	977.84	72.87	Imp Svys
448	7926.00	6.08	53.46	7835.48	-79.50	288.90	935.83	15.00	3.74	0.00	979.41	72.84	Imp Svys
449	7941.00	5.61	50.79	7850.40	-80.15	289.83	937.03	15.00	3.64	0.00	980.84	72.81	Imp Svys
450	7956.00	5.18	47.54	7865.33	-80.82	290.75	938.10	15.00	3.52	0.00	982.13	72.78	Imp Svys
451	7971.00	4.81	43.53	7880.28	-81.51	291.67	939.03	15.00	3.38	96.80	983.29	72.75	MWD Run 2
452	7986.00	4.47	39.22	7895.23	-82.22	292.57	939.84	15.00	3.22	0.00	984.32	72.71	Imp Svys
453	8001.00	4.21	34.18	7910.18	-82.96	293.48	940.52	15.00	3.11	0.00	985.24	72.67	Imp Svys
454	8016.00	4.00	28.63	7925.15	-83.73	294.40	941.08	15.00	2.97	0.00	986.05	72.63	Imp Svys
455	8031.00	3.85	22.91	7940.11	-84.54	295.32	941.52	15.00	2.79	0.00	986.75	72.59	Imp Svys
456	8046.00	3.76	17.42	7955.08	-85.37	296.25	941.87	15.00	2.51	0.00	987.36	72.54	Imp Svys

457	8061.00	3.70	12.68	7970.05	-86.24	297.20	942.12	15.00	2.09	96.80	987.88	72.49	MWD Run 2
458	8074.00	3.60	10.22	7983.02	-86.99	298.01	942.28	13.00	1.43	0.00	988.28	72.45	Imp Svys
459	8087.00	3.52	8.48	7995.99	-87.74	298.80	942.41	13.00	1.04	0.00	988.65	72.41	Imp Svys
460	8100.00	3.44	7.29	8008.97	-88.48	299.58	942.52	13.00	0.79	0.00	988.99	72.37	Imp Svys
461	8113.00	3.37	6.54	8021.95	-89.21	300.35	942.62	13.00	0.66	0.00	989.31	72.33	Imp Svys
462	8126.00	3.29	6.14	8034.93	-89.93	301.10	942.70	13.00	0.64	0.00	989.62	72.29	Imp Svys
463	8139.00	3.20	6.07	8047.91	-90.62	301.83	942.78	13.00	0.73	0.00	989.92	72.25	Imp Svys
464	8152.00	3.07	6.32	8060.89	-91.30	302.54	942.85	13.00	0.94	98.60	990.20	72.21	MWD Run 2
465	8167.00	2.88	6.26	8075.87	-92.03	303.31	942.94	15.00	1.30	0.00	990.52	72.17	Imp Svys
466	8182.00	2.65	6.36	8090.85	-92.72	304.03	943.02	15.00	1.52	0.00	990.82	72.13	Imp Svys
467	8197.00	2.41	6.64	8105.83	-93.34	304.69	943.09	15.00	1.64	0.00	991.09	72.10	Imp Svys
468	8212.00	2.16	7.08	8120.82	-93.91	305.28	943.17	15.00	1.67	0.00	991.34	72.06	Imp Svys
469	8227.00	1.91	7.62	8135.81	-94.41	305.81	943.23	15.00	1.63	0.00	991.57	72.04	Imp Svys
470	8242.00	1.69	8.03	8150.80	-94.85	306.28	943.30	15.00	1.50	100.40	991.77	72.01	MWD Run 2
471	8257.00	1.51	5.78	8165.80	-95.24	306.69	943.35	15.00	1.26	0.00	991.95	71.99	Imp Svys
472	8272.00	1.36	2.70	8180.79	-95.60	307.07	943.38	15.00	1.13	0.00	992.09	71.97	Imp Svys
473	8287.00	1.22	358.82	8195.79	-95.93	307.40	943.38	15.00	1.07	0.00	992.20	71.95	Imp Svys
474	8302.00	1.10	354.10	8210.79	-96.23	307.71	943.36	15.00	1.04	0.00	992.28	71.93	Imp Svys
475	8317.00	0.98	348.36	8225.78	-96.51	307.98	943.32	15.00	1.05	0.00	992.32	71.92	Imp Svys
476	8332.00	1.04	347.97	8240.78	-96.77	308.24	943.27	15.00	0.36	100.40	992.35	71.90	MWD Run 2
477	8347.00	0.89	343.15	8255.78	-97.02	308.48	943.21	15.00	1.14	0.00	992.37	71.89	Imp Svys
478	8362.00	0.77	337.66	8270.78	-97.24	308.68	943.13	15.00	0.91	0.00	992.37	71.88	Imp Svys
479	8377.00	0.79	336.99	8285.78	-97.44	308.87	943.06	15.00	0.11	0.00	992.35	71.87	Imp Svys
480	8392.00	0.80	336.40	8300.78	-97.64	309.06	942.97	15.00	0.10	0.00	992.33	71.85	Imp Svys
481	8407.00	0.81	335.88	8315.77	-97.85	309.26	942.89	15.00	0.10	0.00	992.31	71.84	Imp Svys
482	8422.00	0.83	335.43	8330.77	-98.06	309.45	942.80	15.00	0.10	100.40	992.29	71.83	MWD Run 2
483	8435.43	0.83	330.23	8344.20	-98.25	309.63	942.71	13.43	0.56	0.00	992.26	71.82	Imp Svys
484	8448.86	0.85	325.17	8357.63	-98.43	309.79	942.60	13.43	0.56	0.00	992.21	71.81	Imp Svys
485	8462.29	0.86	320.33	8371.05	-98.61	309.95	942.48	13.43	0.55	0.00	992.14	71.80	Imp Svys
486	8475.71	0.89	315.75	8384.48	-98.79	310.10	942.35	13.43	0.55	0.00	992.06	71.78	Imp Svys
487	8489.14	0.92	311.48	8397.91	-98.97	310.25	942.19	13.43	0.54	0.00	991.96	71.77	Imp Svys
488	8502.57	0.95	307.53	8411.33	-99.14	310.39	942.03	13.43	0.54	0.00	991.84	71.76	Imp Svys
489	8516.00	0.99	303.90	8424.76	-99.31	310.52	941.84	13.43	0.54	102.20	991.71	71.75	MWD Run 2
490	8529.29	0.91	307.06	8438.05	-99.47	310.65	941.66	13.29	0.71	0.00	991.58	71.74	Imp Svys
491	8542.57	0.83	310.85	8451.33	-99.63	310.78	941.51	13.29	0.72	0.00	991.47	71.73	Imp Svys
492	8555.86	0.76	315.43	8464.61	-99.78	310.90	941.37	13.29	0.72	0.00	991.38	71.72	Imp Svys
493	8569.14	0.69	320.98	8477.90	-99.93	311.03	941.26	13.29	0.73	0.00	991.31	71.71	Imp Svys
494	8582.43	0.64	327.68	8491.18	-100.07	311.15	941.17	13.29	0.73	0.00	991.27	71.71	Imp Svys
495	8595.71	0.59	335.65	8504.47	-100.21	311.27	941.10	13.29	0.73	0.00	991.24	71.70	Imp Svys
496	8609.00	0.55	344.87	8517.75	-100.34	311.40	941.06	13.29	0.74	102.20	991.24	71.69	MWD Run 2
497	8622.29	1.19	111.09	8531.04	-100.32	311.41	941.17	13.29	11.93	0.00	991.35	71.69	Imp Svys
498	8635.57	2.75	120.42	8544.32	-100.03	311.20	941.57	13.29	11.92	0.00	991.67	71.71	Imp Svys
499	8648.86	3.51	123.78	8557.58	-99.52	310.81	942.18	13.29	5.87	0.00	992.13	71.74	Imp Svys
500	8662.14	5.01	129.50	8570.83	-98.77	310.22	942.97	13.29	11.75	0.00	992.69	71.79	Imp Svys
501	8675.43	6.82	135.98	8584.04	-97.64	309.28	943.97	13.29	14.49	0.00	993.34	71.86	Imp Svys
502	8688.71	8.53	141.45	8597.21	-96.08	307.94	945.13	13.29	13.95	0.00	994.03	71.95	Imp Svys
503	8702.00	10.37	144.16	8610.32	-94.10	306.20	946.44	13.29	14.28	102.20	994.74	72.07	MWD Run 2
504	8715.43	12.33	146.04	8623.48	-91.65	304.03	947.95	13.43	14.83	0.00	995.51	72.22	Imp Svys
505	8728.86	14.30	147.49	8636.55	-88.76	301.45	949.64	13.43	14.90	0.00	996.34	72.39	Imp Svys
506	8742.29	16.21	148.16	8649.50	-85.43	298.46	951.52	13.43	14.28	0.00	997.23	72.59	Imp Svys
507	8755.71	18.01	149.04	8662.34	-81.70	295.08	953.58	13.43	13.59	0.00	998.19	72.81	Imp Svys
508	8769.14	19.61	150.77	8675.05	-77.57	291.34	955.75	13.43	12.58	0.00	999.17	73.05	Imp Svys
509	8782.57	21.22	151.75	8687.63	-73.07	287.23	958.00	13.43	12.24	0.00	1000.13	73.31	Imp Svys
510	8796.00	22.84	152.07	8700.08	-68.22	282.79	960.37	13.43	12.11	102.20	1001.14	73.59	MWD Run 2
511	8809.57	23.46	151.64	8712.56	-63.08	278.08	962.89	13.57	4.71	0.00	1002.24	73.89	Imp Svys
512	8823.14	24.90	150.90	8724.94	-57.75	273.21	965.56	13.57	10.88	0.00	1003.47	74.20	Imp Svys
513	8836.71	26.33	151.68	8737.18	-52.11	268.06	968.38	13.57	10.79	0.00	1004.79	74.53	Imp Svys
514	8850.29	26.59	151.58	8749.33	-46.30	262.74	971.25	13.57	1.95	0.00	1006.16	74.86	Imp Svys
515	8863.86	26.80	150.51	8761.45	-40.45	257.41	974.20	13.57	3.86	0.00	1007.64	75.20	Imp Svys
516	8877.43	27.83	150.20	8773.51	-34.50	251.99	977.28	13.57	7.63	0.00	1009.25	75.54	Imp Svys
517	8891.00	27.53	149.45	8785.53	-28.49	246.54	980.45	13.57	3.36	102.20	1010.97	75.89	MWD Run 2
518	8904.57	27.37	149.17	8797.57	-22.55	241.16	983.64	13.57	1.55	0.00	1012.78	76.22	Imp Svys
519	8918.14	28.54	150.63	8809.56	-16.48	235.66	986.83	13.57	10.02	0.00	1014.58	76.57	Imp Svys
520	8931.71	28.70	150.49	8821.47	-10.26	230.00	990.03	13.57	1.26	0.00	1016.39	76.92	Imp Svys
521	8945.29	28.35	150.19	8833.40	-4.07	224.37	993.24	13.57	2.75	0.00	1018.26	77.27	Imp Svys
522	8958.86	29.46	150.77	8845.28	2.20	218.66	996.47	13.57	8.39	0.00	1020.18	77.62	Imp Svys
523	8972.43	30.50	150.89	8857.03	8.70	212.74	999.77	13.57	7.69	0.00	1022.16	77.99	Imp Svys
524	8986.00	30.93	150.89	8868.70	15.34	206.68	1003.14	13.57	3.19	104.00	1024.21	78.36	MWD Run 2



525	8999.57	30.32	151.69	8880.38	21.98	200.62	1006.47	13.57	5.40	0.00	1026.27	78.73	Imp Svys
526	9013.14	30.40	154.13	8892.09	28.62	194.51	1009.59	13.57	9.09	0.00	1028.16	79.09	Imp Svys
527	9026.71	31.35	155.68	8903.74	35.41	188.20	1012.54	13.57	9.10	0.00	1029.89	79.47	Imp Svys
528	9040.29	32.00	156.86	8915.29	42.40	181.68	1015.41	13.57	6.66	0.00	1031.54	79.86	Imp Svys
529	9053.86	32.85	158.40	8926.74	49.57	174.95	1018.18	13.57	8.70	0.00	1033.10	80.25	Imp Svys
530	9067.43	33.93	159.23	8938.07	56.95	167.99	1020.88	13.57	8.68	0.00	1034.61	80.66	Imp Svys
531	9081.00	34.82	160.93	8949.28	64.55	160.78	1023.49	13.57	9.64	105.80	1036.04	81.07	MWD Run 2
532	9094.43	35.99	162.50	8960.22	72.29	153.40	1025.92	13.43	11.03	0.00	1037.33	81.50	Imp Svys
533	9107.86	37.47	163.35	8970.98	80.30	145.72	1028.28	13.43	11.66	0.00	1038.56	81.93	Imp Svys
534	9121.29	39.06	163.80	8981.53	88.59	137.74	1030.63	13.43	12.03	0.00	1039.80	82.39	Imp Svys
535	9134.71	40.57	164.64	8991.84	97.18	129.47	1032.97	13.43	11.90	0.00	1041.05	82.86	Imp Svys
536	9148.14	42.21	164.82	9001.92	106.04	120.90	1035.31	13.43	12.26	0.00	1042.34	83.34	Imp Svys
537	9161.57	43.90	164.06	9011.73	115.20	112.07	1037.77	13.43	13.17	0.00	1043.80	83.84	Imp Svys
538	9175.00	45.65	163.76	9021.26	124.64	102.99	1040.39	13.43	13.17	107.60	1045.47	84.35	MWD Run 2
539	9188.57	47.41	163.90	9030.60	134.47	93.53	1043.13	13.57	12.94	0.00	1047.31	84.88	Imp Svys
540	9202.14	49.11	163.66	9039.63	144.57	83.80	1045.96	13.57	12.59	0.00	1049.31	85.42	Imp Svys
541	9215.71	50.80	162.92	9048.36	154.93	73.85	1048.95	13.57	13.17	0.00	1051.54	85.97	Imp Svys
542	9229.29	52.53	162.24	9056.78	165.54	63.70	1052.13	13.57	13.37	0.00	1054.06	86.54	Imp Svys
543	9242.86	54.15	161.25	9064.88	176.37	53.36	1055.55	13.57	13.26	0.00	1056.89	87.11	Imp Svys
544	9256.43	55.97	160.58	9072.66	187.42	42.85	1059.18	13.57	13.99	0.00	1060.05	87.68	Imp Svys
545	9270.00	57.74	160.51	9080.08	198.70	32.13	1062.97	13.57	13.10	111.20	1063.45	88.27	MWD Run 2
546	9283.43	58.19	160.35	9087.20	210.00	21.41	1066.78	13.43	3.46	0.00	1067.00	88.85	Imp Svys
547	9296.86	59.91	160.04	9094.11	221.42	10.57	1070.68	13.43	12.96	0.00	1070.74	89.43	Imp Svys
548	9310.29	61.25	160.42	9100.70	233.02	-0.44	1074.64	13.43	10.26	0.00	1074.64	90.02	Imp Svys
549	9323.71	61.43	160.34	9107.14	244.71	-11.53	1078.60	13.43	1.50	0.00	1078.66	90.61	Imp Svys
550	9337.14	63.23	160.01	9113.38	256.51	-22.72	1082.63	13.43	13.56	0.00	1082.87	91.20	Imp Svys
551	9350.57	65.23	160.26	9119.21	268.50	-34.10	1086.74	13.43	14.97	0.00	1087.28	91.80	Imp Svys
552	9364.00	67.11	160.04	9124.64	280.68	-45.65	1090.91	13.43	14.07	113.00	1091.87	92.40	MWD Run 2
553	9377.57	67.58	160.04	9129.87	293.10	-57.42	1095.19	13.57	3.45	0.00	1096.69	93.00	Imp Svys
554	9391.14	69.53	160.68	9134.83	305.63	-69.32	1099.43	13.57	15.00	0.00	1101.62	93.61	Imp Svys
555	9404.71	71.17	160.27	9139.39	318.32	-81.36	1103.70	13.57	12.48	0.00	1106.70	94.22	Imp Svys
556	9418.29	71.57	160.27	9143.73	331.08	-93.47	1108.05	13.57	2.93	0.00	1111.98	94.82	Imp Svys
557	9431.86	71.94	162.04	9147.98	343.89	-105.67	1112.21	13.57	12.69	0.00	1117.22	95.43	Imp Svys
558	9445.43	73.47	162.85	9152.01	356.79	-118.02	1116.12	13.57	12.60	0.00	1122.34	96.04	Imp Svys
559	9459.00	73.73	162.93	9155.85	369.77	-130.46	1119.95	13.57	2.04	116.60	1127.52	96.64	MWD Run 2
560	9472.57	74.28	163.06	9159.58	382.78	-142.94	1123.76	13.57	4.19	0.00	1132.82	97.25	Imp Svys
561	9486.14	76.40	163.28	9163.02	395.87	-155.50	1127.57	13.57	15.68	0.00	1138.24	97.85	Imp Svys
562	9499.71	76.84	163.84	9166.16	409.04	-168.17	1131.30	13.57	5.14	0.00	1143.73	98.46	Imp Svys
563	9513.29	76.77	164.04	9169.26	422.23	-180.86	1134.96	13.57	1.57	0.00	1149.28	99.05	Imp Svys
564	9526.86	78.51	163.32	9172.16	435.45	-193.59	1138.68	13.57	13.81	0.00	1155.02	99.65	Imp Svys
565	9540.43	80.13	163.42	9174.68	448.75	-206.36	1142.50	13.57	11.99	0.00	1160.99	100.24	Imp Svys
566	9554.00	80.17	163.54	9177.00	462.09	-219.18	1146.30	13.57	0.92	118.40	1167.07	100.82	MWD Run 2
567	9567.57	80.71	163.46	9179.25	475.44	-232.02	1150.10	13.57	4.02	0.00	1173.27	101.41	Imp Svys
568	9581.14	82.60	163.05	9181.22	488.83	-244.87	1153.97	13.57	14.23	0.00	1179.67	101.98	Imp Svys
569	9594.71	83.59	162.88	9182.85	502.26	-257.76	1157.92	13.57	7.37	0.00	1186.26	102.55	Imp Svys
570	9608.29	83.91	162.81	9184.33	515.71	-270.65	1161.90	13.57	2.46	0.00	1193.00	103.11	Imp Svys
571	9621.86	85.55	163.95	9185.58	529.19	-283.59	1165.76	13.57	14.72	0.00	1199.76	103.67	Imp Svys
572	9635.43	87.55	164.89	9186.39	542.72	-296.64	1169.40	13.57	16.24	0.00	1206.44	104.23	Imp Svys
573	9649.00	89.45	165.54	9186.75	556.27	-309.76	1172.86	13.57	14.85	118.40	1213.08	104.79	MWD Run 2
574	9662.14	89.72	165.57	9186.84	569.41	-322.49	1176.14	13.14	2.06	0.00	1219.55	105.33	Imp Svys
575	9675.29	90.00	165.61	9186.87	582.54	-335.22	1179.41	13.14	2.13	0.00	1226.13	105.87	Imp Svys
576	9688.43	90.28	165.66	9186.84	595.68	-347.95	1182.67	13.14	2.14	0.00	1232.80	106.39	Imp Svys
577	9701.57	90.55	165.71	9186.75	608.81	-360.68	1185.93	13.14	2.10	0.00	1239.56	106.92	Imp Svys
578	9714.71	90.81	165.75	9186.59	621.95	-373.42	1189.16	13.14	1.99	0.00	1246.42	107.43	Imp Svys
579	9727.86	91.04	165.79	9186.38	635.08	-386.16	1192.40	13.14	1.80	0.00	1253.36	107.94	Imp Svys
580	9741.00	91.24	165.81	9186.12	648.22	-398.89	1195.62	13.14	1.51	120.20	1260.41	108.45	MWD Run 3
581	9754.57	91.38	165.81	9185.81	661.78	-412.05	1198.95	13.57	1.07	0.00	1267.78	108.97	Imp Svys
582	9768.14	91.49	165.78	9185.47	675.34	-425.20	1202.27	13.57	0.80	0.00	1275.25	109.48	Imp Svys
583	9781.71	91.57	165.75	9185.11	688.90	-438.35	1205.61	13.57	0.64	0.00	1282.83	109.98	Imp Svys
584	9795.29	91.63	165.70	9184.73	702.46	-451.50	1208.96	13.57	0.56	0.00	1290.51	110.48	Imp Svys
585	9808.86	91.68	165.65	9184.34	716.02	-464.64	1212.31	13.57	0.55	0.00	1298.30	110.97	Imp Svys
586	9822.43	91.72	165.58	9183.93	729.58	-477.78	1215.68	13.57	0.57	0.00	1306.20	111.46	Imp Svys
587	9836.00	91.76	165.51	9183.52	743.14	-490.92	1219.07	13.57	0.63	122.00	1314.20	111.93	MWD Run 3
588	9849.43	91.80	165.42	9183.10	756.55	-503.91	1222.44	13.43	0.73	0.00	1322.23	112.40	Imp Svys
589	9862.86	91.84	165.32	9182.68	769.96	-516.90	1225.83	13.43	0.79	0.00	1330.35	112.86	Imp Svys
590	9876.29	91.88	165.22	9182.24	783.37	-529.88	1229.24	13.43	0.81	0.00	1338.58	113.32	Imp Svys
591	9889.71	91.92	165.12	9181.80	796.78	-542.85	1232.68	13.43	0.80	0.00	1346.91	113.77	Imp Svys
592	9903.14	91.95	165.02	9181.34	810.19	-555.82	1236.14	13.43	0.77	0.00	1355.35	114.21	Imp Svys

593	9916.57	91.98	164.93	9180.88	823.60	-568.78	1239.61	13.43	0.69	0.00	1363.87	114.65	Imp Svys
594	9930.00	92.01	164.86	9180.41	837.01	-581.74	1243.11	13.43	0.57	122.00	1372.50	115.08	MWD Run 3
595	9943.57	92.04	164.82	9179.93	850.55	-594.83	1246.66	13.57	0.38	0.00	1381.30	115.51	Imp Svys
596	9957.14	92.06	164.79	9179.45	864.10	-607.92	1250.21	13.57	0.26	0.00	1390.18	115.93	Imp Svys
597	9970.71	92.07	164.76	9178.96	877.65	-621.00	1253.78	13.57	0.19	0.00	1399.14	116.35	Imp Svys
598	9984.29	92.08	164.75	9178.47	891.20	-634.09	1257.34	13.57	0.15	0.00	1408.18	116.76	Imp Svys
599	9997.86	92.08	164.72	9177.98	904.74	-647.17	1260.91	13.57	0.17	0.00	1417.30	117.17	Imp Svys
600	10011.43	91.57	165.17	9177.55	918.29	-660.27	1264.44	13.57	5.00	0.00	1426.45	117.57	Imp Svys
601	10025.00	90.70	166.24	9177.28	931.86	-673.42	1267.79	13.57	10.10	122.00	1435.54	117.98	MWD Run 3
602	10038.43	90.44	166.66	9177.14	945.28	-686.47	1270.93	13.43	3.71	0.00	1444.48	118.37	Imp Svys
603	10051.86	90.36	166.58	9177.05	958.71	-699.54	1274.04	13.43	0.84	0.00	1453.46	118.77	Imp Svys
604	10065.29	90.26	166.50	9176.98	972.13	-712.60	1277.17	13.43	0.95	0.00	1462.51	119.16	Imp Svys
605	10078.71	90.15	166.42	9176.93	985.56	-725.65	1280.31	13.43	1.00	0.00	1471.65	119.54	Imp Svys
606	10092.14	90.05	166.33	9176.90	998.99	-738.70	1283.47	13.43	0.99	0.00	1480.87	119.92	Imp Svys
607	10105.57	89.96	166.25	9176.90	1012.41	-751.75	1286.65	13.43	0.92	0.00	1490.17	120.30	Imp Svys
608	10119.00	89.89	166.18	9176.92	1025.84	-764.79	1289.85	13.43	0.77	123.80	1499.54	120.66	MWD Run 3
609	10132.57	89.85	166.12	9176.95	1039.41	-777.97	1293.10	13.57	0.53	0.00	1509.09	121.03	Imp Svys
610	10146.14	89.83	166.07	9176.99	1052.97	-791.14	1296.36	13.57	0.40	0.00	1518.70	121.39	Imp Svys
611	10159.71	89.82	166.02	9177.03	1066.54	-804.31	1299.64	13.57	0.35	0.00	1528.39	121.75	Imp Svys
612	10173.29	89.82	165.98	9177.07	1080.11	-817.48	1302.92	13.57	0.33	0.00	1538.14	122.11	Imp Svys
613	10186.86	89.83	165.93	9177.11	1093.67	-830.65	1306.21	13.57	0.33	0.00	1547.96	122.45	Imp Svys
614	10200.43	89.83	165.88	9177.16	1107.24	-843.81	1309.52	13.57	0.35	0.00	1557.84	122.80	Imp Svys
615	10214.00	89.82	165.83	9177.20	1120.80	-856.97	1312.83	13.57	0.40	123.80	1567.78	123.14	MWD Run 3
616	10227.43	89.80	165.77	9177.24	1134.23	-869.99	1316.13	13.43	0.49	0.00	1577.68	123.47	Imp Svys
617	10240.86	89.77	165.70	9177.29	1147.65	-883.00	1319.44	13.43	0.55	0.00	1587.64	123.79	Imp Svys
618	10254.29	89.74	165.63	9177.35	1161.07	-896.01	1322.76	13.43	0.58	0.00	1597.67	124.11	Imp Svys
619	10267.71	89.70	165.56	9177.42	1174.49	-909.02	1326.10	13.43	0.59	0.00	1607.75	124.43	Imp Svys
620	10281.14	89.66	165.49	9177.49	1187.91	-922.02	1329.46	13.43	0.58	0.00	1617.89	124.74	Imp Svys
621	10294.57	89.62	165.44	9177.58	1201.33	-935.02	1332.83	13.43	0.54	0.00	1628.09	125.05	Imp Svys
622	10308.00	89.57	165.39	9177.67	1214.75	-948.01	1336.21	13.43	0.48	125.60	1638.35	125.35	MWD Run 3
623	10321.57	89.53	165.36	9177.78	1228.31	-961.15	1339.64	13.57	0.39	0.00	1648.77	125.66	Imp Svys
624	10335.14	89.48	165.34	9177.90	1241.87	-974.28	1343.07	13.57	0.36	0.00	1659.23	125.96	Imp Svys
625	10348.71	89.43	165.33	9178.02	1255.44	-987.40	1346.51	13.57	0.36	0.00	1669.74	126.25	Imp Svys
626	10362.29	89.39	165.32	9178.16	1269.00	-1000.53	1349.94	13.57	0.36	0.00	1680.30	126.54	Imp Svys
627	10375.86	89.34	165.30	9178.32	1282.56	-1013.66	1353.39	13.57	0.38	0.00	1690.90	126.83	Imp Svys
628	10389.43	89.29	165.27	9178.48	1296.12	-1026.78	1356.83	13.57	0.42	0.00	1701.55	127.12	Imp Svys
629	10403.00	89.23	165.23	9178.65	1309.68	-1039.91	1360.29	13.57	0.51	125.60	1712.25	127.40	MWD Run 3
630	10416.43	89.18	165.16	9178.84	1323.09	-1052.89	1363.72	13.43	0.68	0.00	1722.88	127.67	Imp Svys
631	10429.86	89.12	165.07	9179.04	1336.51	-1065.87	1367.17	13.43	0.78	0.00	1733.56	127.94	Imp Svys
632	10443.29	89.06	164.98	9179.25	1349.92	-1078.84	1370.64	13.43	0.82	0.00	1744.29	128.21	Imp Svys
633	10456.71	89.00	164.89	9179.48	1363.34	-1091.80	1374.13	13.43	0.82	0.00	1755.07	128.47	Imp Svys
634	10470.14	88.87	165.08	9179.73	1376.75	-1104.77	1377.61	13.43	1.74	0.00	1765.88	128.73	Imp Svys
635	10483.57	88.55	166.31	9180.03	1390.17	-1117.78	1380.92	13.43	9.47	0.00	1776.62	128.99	Imp Svys
636	10497.00	88.76	167.09	9180.35	1403.59	-1130.84	1384.01	13.43	6.02	125.60	1787.26	129.25	MWD Run 3
637	10510.57	88.68	167.06	9180.65	1417.16	-1144.07	1387.05	13.57	0.70	0.00	1798.00	129.52	Imp Svys
638	10524.14	88.58	167.03	9180.98	1430.73	-1157.29	1390.09	13.57	0.73	0.00	1808.77	129.78	Imp Svys
639	10537.71	88.48	167.01	9181.32	1444.29	-1170.51	1393.14	13.57	0.74	0.00	1819.59	130.04	Imp Svys
640	10551.29	88.39	166.99	9181.69	1457.86	-1183.73	1396.19	13.57	0.73	0.00	1830.45	130.29	Imp Svys
641	10564.86	88.29	166.98	9182.09	1471.42	-1196.95	1399.24	13.57	0.71	0.00	1841.35	130.54	Imp Svys
642	10578.43	88.20	166.97	9182.50	1484.99	-1210.16	1402.30	13.57	0.66	0.00	1852.28	130.79	Imp Svys
643	10592.00	88.12	166.97	9182.94	1498.55	-1223.38	1405.36	13.57	0.57	127.40	1863.24	131.04	MWD Run 3
644	10605.00	88.07	166.97	9183.37	1511.54	-1236.03	1408.29	13.00	0.43	0.00	1873.78	131.27	Imp Svys
645	10618.00	88.02	166.97	9183.81	1524.54	-1248.69	1411.21	13.00	0.36	0.00	1884.35	131.50	Imp Svys
646	10631.00	87.98	166.97	9184.27	1537.53	-1261.35	1414.14	13.00	0.32	0.00	1894.94	131.73	Imp Svys
647	10644.00	87.94	166.97	9184.73	1550.52	-1274.01	1417.07	13.00	0.32	0.00	1905.57	131.96	Imp Svys
648	10657.00	87.89	166.95	9185.20	1563.51	-1286.66	1420.00	13.00	0.38	0.00	1916.22	132.18	Imp Svys
649	10670.00	87.84	166.92	9185.69	1576.50	-1299.32	1422.94	13.00	0.50	0.00	1926.91	132.40	Imp Svys
650	10683.00	87.76	166.87	9186.19	1589.49	-1311.97	1425.89	13.00	0.71	129.20	1937.63	132.62	MWD Run 3
651	10698.00	87.65	166.76	9186.79	1604.48	-1326.56	1429.30	15.00	1.05	0.00	1950.05	132.86	Imp Svys
652	10713.00	87.52	166.63	9187.42	1619.46	-1341.15	1432.75	15.00	1.23	0.00	1962.51	133.11	Imp Svys
653	10728.00	87.39	166.49	9188.09	1634.45	-1355.72	1436.24	15.00	1.27	0.00	1975.03	133.35	Imp Svys
654	10743.00	87.29	166.34	9188.78	1649.43	-1370.29	1439.76	15.00	1.19	0.00	1987.61	133.58	Imp Svys
655	10758.00	88.21	167.00	9189.37	1664.41	-1384.87	1443.21	15.00	7.56	0.00	2000.18	133.82	Imp Svys
656	10773.00	89.28	167.65	9189.70	1679.41	-1399.50	1446.50	15.00	8.36	127.40	2012.70	134.05	MWD Run 3
657	10788.00	89.32	167.51	9189.88	1694.41	-1414.15	1449.73	15.00	1.00	0.00	2025.23	134.29	Imp Svys
658	10803.00	89.38	167.36	9190.05	1709.41	-1428.79	1452.99	15.00	1.07	0.00	2037.80	134.52	Imp Svys
659	10818.00	89.47	167.22	9190.21	1724.41	-1443.42	1456.29	15.00	1.08	0.00	2050.43	134.75	Imp Svys
660	10833.00	89.56	167.10	9190.33	1739.41	-1458.05	1459.63	15.00	1.00	0.00	2063.11	134.97	Imp Svys

661	10848.00	89.64	167.01	9190.44	1754.40	-1472.66	1462.99	15.00	0.83	0.00	2075.83	135.19	Imp Svys
662	10863.00	89.72	166.98	9190.52	1769.40	-1487.28	1466.36	15.00	0.57	129.20	2088.59	135.41	MWD Run 3
663	10878.00	89.78	167.04	9190.59	1784.40	-1501.90	1469.73	15.00	0.57	0.00	2101.38	135.62	Imp Svys
664	10893.00	89.83	167.16	9190.64	1799.40	-1516.52	1473.08	15.00	0.84	0.00	2114.19	135.83	Imp Svys
665	10908.00	89.87	167.30	9190.68	1814.40	-1531.15	1476.40	15.00	1.00	0.00	2127.01	136.04	Imp Svys
666	10923.00	89.93	167.46	9190.70	1829.40	-1545.78	1479.67	15.00	1.07	0.00	2139.83	136.25	Imp Svys
667	10938.00	89.99	167.60	9190.71	1844.40	-1560.43	1482.91	15.00	1.05	0.00	2152.67	136.46	Imp Svys
668	10953.00	90.09	167.71	9190.70	1859.40	-1575.08	1486.12	15.00	1.01	131.00	2165.51	136.66	MWD Run 3
669	10968.00	90.24	167.78	9190.66	1874.40	-1589.74	1489.30	15.00	1.07	0.00	2178.37	136.87	Imp Svys
670	10983.00	90.41	167.80	9190.58	1889.40	-1604.40	1492.48	15.00	1.13	0.00	2191.25	137.07	Imp Svys
671	10998.00	90.57	167.79	9190.45	1904.40	-1619.06	1495.65	15.00	1.11	0.00	2204.16	137.27	Imp Svys
672	11013.00	90.71	167.73	9190.28	1919.40	-1633.72	1498.83	15.00	1.01	0.00	2217.10	137.47	Imp Svys
673	11028.00	90.80	167.61	9190.08	1934.40	-1648.37	1502.03	15.00	0.96	0.00	2230.07	137.66	Imp Svys
674	11043.00	90.80	167.42	9189.87	1949.40	-1663.02	1505.27	15.00	1.28	131.00	2243.09	137.85	MWD Run 3
675	11058.00	90.64	167.11	9189.69	1964.40	-1677.65	1508.58	15.00	2.36	0.00	2256.17	138.04	Imp Svys
676	11073.00	90.39	166.72	9189.55	1979.39	-1692.26	1511.97	15.00	3.06	0.00	2269.32	138.22	Imp Svys
677	11088.00	90.10	166.29	9189.49	1994.39	-1706.84	1515.48	15.00	3.44	0.00	2282.54	138.40	Imp Svys
678	11103.00	89.81	165.84	9189.50	2009.39	-1721.40	1519.09	15.00	3.57	0.00	2295.83	138.57	Imp Svys
679	11118.00	89.55	165.39	9189.58	2024.38	-1735.93	1522.82	15.00	3.47	0.00	2309.20	138.74	Imp Svys
680	11133.00	89.37	164.96	9189.72	2039.37	-1750.43	1526.65	15.00	3.14	132.80	2322.64	138.91	MWD Run 3
681	11148.00	89.32	164.57	9189.90	2054.35	-1764.90	1530.60	15.00	2.60	0.00	2336.15	139.07	Imp Svys
682	11163.00	89.35	164.21	9190.07	2069.32	-1779.35	1534.63	15.00	2.42	0.00	2349.72	139.22	Imp Svys
683	11178.00	89.41	163.86	9190.23	2084.30	-1793.77	1538.76	15.00	2.35	0.00	2363.34	139.38	Imp Svys
684	11193.00	89.48	163.52	9190.38	2099.26	-1808.16	1542.97	15.00	2.30	0.00	2377.02	139.52	Imp Svys
685	11208.00	89.85	164.33	9190.47	2114.23	-1822.58	1547.12	15.00	5.92	0.00	2390.69	139.67	Imp Svys
686	11223.00	90.19	165.80	9190.46	2129.22	-1837.07	1550.99	15.00	10.06	132.80	2404.24	139.83	MWD Run 3
687	11236.00	90.27	166.35	9190.41	2142.21	-1849.69	1554.12	13.00	4.31	0.00	2415.91	139.96	Imp Svys
688	11249.00	90.20	165.89	9190.36	2155.21	-1862.31	1557.24	13.00	3.56	0.00	2427.59	140.10	Imp Svys
689	11262.00	90.12	165.42	9190.32	2168.20	-1874.90	1560.46	13.00	3.73	0.00	2439.32	140.23	Imp Svys
690	11275.00	90.04	164.96	9190.30	2181.19	-1887.47	1563.78	13.00	3.59	0.00	2451.11	140.36	Imp Svys
691	11288.00	89.97	164.56	9190.30	2194.18	-1900.01	1567.20	13.00	3.12	0.00	2462.96	140.48	Imp Svys
692	11301.00	89.93	164.26	9190.31	2207.16	-1912.53	1570.69	13.00	2.27	0.00	2474.85	140.60	Imp Svys
693	11314.00	89.93	164.14	9190.33	2220.14	-1925.04	1574.23	13.00	0.93	134.60	2486.76	140.72	MWD Run 3
694	11329.00	90.02	164.32	9190.33	2235.11	-1939.48	1578.31	15.00	1.33	0.00	2500.53	140.86	Imp Svys
695	11344.00	90.15	164.68	9190.31	2250.09	-1953.93	1582.32	15.00	2.57	0.00	2514.28	141.00	Imp Svys
696	11359.00	90.30	165.11	9190.25	2265.08	-1968.41	1586.23	15.00	3.00	0.00	2528.00	141.14	Imp Svys
697	11374.00	90.43	165.49	9190.16	2280.07	-1982.92	1590.03	15.00	2.69	0.00	2541.69	141.28	Imp Svys
698	11389.00	90.37	166.80	9190.05	2295.06	-1997.49	1593.62	15.00	8.71	0.00	2555.31	141.42	Imp Svys
699	11404.00	90.53	168.56	9189.94	2310.06	-2012.14	1596.83	15.00	11.78	132.80	2568.77	141.56	MWD Run 3
700	11419.00	90.66	169.38	9189.78	2325.05	-2026.86	1599.70	15.00	5.58	0.00	2582.09	141.72	Imp Svys
701	11434.00	90.69	169.23	9189.60	2340.05	-2041.60	1602.48	15.00	1.04	0.00	2595.39	141.87	Imp Svys
702	11449.00	90.70	169.03	9189.42	2355.04	-2056.33	1605.31	15.00	1.30	0.00	2608.74	142.02	Imp Svys
703	11464.00	90.69	168.84	9189.24	2370.03	-2071.05	1608.19	15.00	1.31	0.00	2622.12	142.17	Imp Svys
704	11479.00	90.65	168.68	9189.06	2385.03	-2085.76	1611.11	15.00	1.11	0.00	2635.54	142.32	Imp Svys
705	11494.00	90.56	168.59	9188.90	2400.02	-2100.46	1614.07	15.00	0.81	134.60	2648.99	142.46	MWD Run 3
706	11507.00	90.41	168.66	9188.79	2413.02	-2113.21	1616.63	13.00	1.24	0.00	2660.67	142.58	Imp Svys
707	11520.00	90.23	168.79	9188.72	2426.02	-2125.96	1619.17	13.00	1.74	0.00	2672.34	142.71	Imp Svys
708	11533.00	90.02	168.96	9188.69	2439.01	-2138.71	1621.68	13.00	2.07	0.00	2684.02	142.83	Imp Svys
709	11546.00	89.81	169.15	9188.71	2452.01	-2151.48	1624.15	13.00	2.23	0.00	2695.69	142.95	Imp Svys
710	11559.00	89.60	169.35	9188.78	2465.00	-2164.25	1626.57	13.00	2.23	0.00	2707.34	143.07	Imp Svys
711	11572.00	89.40	169.54	9188.89	2477.99	-2177.03	1628.95	13.00	2.07	0.00	2719.00	143.19	Imp Svys
712	11585.00	89.24	169.70	9189.04	2490.98	-2189.81	1631.30	13.00	1.73	136.40	2730.64	143.32	MWD Run 3
713	11600.00	89.12	169.80	9189.26	2505.97	-2204.57	1633.97	15.00	1.07	0.00	2744.08	143.46	Imp Svys
714	11615.00	89.04	169.85	9189.50	2520.96	-2219.34	1636.62	15.00	0.65	0.00	2757.53	143.59	Imp Svys
715	11630.00	88.98	169.87	9189.76	2535.94	-2234.10	1639.26	15.00	0.41	0.00	2770.99	143.73	Imp Svys
716	11645.00	88.93	169.87	9190.04	2550.93	-2248.86	1641.89	15.00	0.33	0.00	2784.46	143.87	Imp Svys
717	11660.00	88.88	169.84	9190.32	2565.91	-2263.63	1644.54	15.00	0.39	0.00	2797.95	144.00	Imp Svys
718	11675.00	88.81	169.79	9190.63	2580.90	-2278.39	1647.19	15.00	0.55	138.20	2811.45	144.13	MWD Run 3
719	11690.00	88.71	169.71	9190.95	2595.88	-2293.14	1649.86	15.00	0.83	0.00	2824.98	144.27	Imp Svys
720	11705.00	88.60	169.62	9191.30	2610.87	-2307.90	1652.55	15.00	0.97	0.00	2838.54	144.40	Imp Svys
721	11720.00	88.48	169.53	9191.69	2625.85	-2322.64	1655.26	15.00	1.03	0.00	2852.11	144.52	Imp Svys
722	11735.00	88.36	169.43	9192.10	2640.84	-2337.39	1658.00	15.00	1.01	0.00	2865.72	144.65	Imp Svys
723	11750.00	89.16	169.44	9192.43	2655.82	-2352.13	1660.75	15.00	5.37	0.00	2879.34	144.78	Imp Svys
724	11765.00	89.78	169.44	9192.56	2670.82	-2366.87	1663.50	15.00	4.09	138.20	2892.98	144.90	MWD Run 3
725	11780.00	89.69	169.36	9192.63	2685.81	-2381.62	1666.26	15.00	0.79	0.00	2906.63	145.02	Imp Svys
726	11795.00	89.60	169.29	9192.73	2700.80	-2396.36	1669.03	15.00	0.74	0.00	2920.31	145.14	Imp Svys
727	11810.00	89.53	169.22	9192.84	2715.79	-2411.09	1671.83	15.00	0.67	0.00	2934.01	145.26	Imp Svys
728	11825.00	89.46	169.17	9192.97	2730.78	-2425.83	1674.64	15.00	0.60	0.00	2947.72	145.38	Imp Svys

729	11840.00	89.40	169.13	9193.12	2745.78	-2440.56	1677.47	15.00	0.50	0.00	2961.46	145.50	Imp Svys
730	11855.00	89.35	169.10	9193.29	2760.77	-2455.29	1680.30	15.00	0.36	140.00	2975.20	145.61	MWD Run 3
731	11870.00	89.31	169.12	9193.46	2775.76	-2470.02	1683.13	15.00	0.24	0.00	2988.97	145.73	Imp Svys
732	11885.00	89.29	169.15	9193.65	2790.76	-2484.75	1685.96	15.00	0.26	0.00	3002.74	145.84	Imp Svys
733	11900.00	89.28	169.20	9193.83	2805.75	-2499.48	1688.78	15.00	0.31	0.00	3016.51	145.95	Imp Svys
734	11915.00	89.29	169.25	9194.02	2820.74	-2514.21	1691.58	15.00	0.37	0.00	3030.30	146.07	Imp Svys
735	11930.00	89.48	169.02	9194.18	2835.73	-2528.94	1694.41	15.00	1.97	0.00	3044.10	146.18	Imp Svys
736	11945.00	89.54	169.09	9194.31	2850.73	-2543.67	1697.26	15.00	0.56	140.00	3057.93	146.29	MWD Run 3
737	11958.00	89.63	169.14	9194.40	2863.72	-2556.44	1699.71	13.00	0.81	0.00	3069.92	146.38	Imp Svys
738	11971.00	89.74	169.20	9194.48	2876.72	-2569.20	1702.15	13.00	0.96	0.00	3081.90	146.47	Imp Svys
739	11984.00	89.86	169.26	9194.52	2889.71	-2581.97	1704.58	13.00	1.05	0.00	3093.90	146.57	Imp Svys
740	11997.00	89.99	169.32	9194.54	2902.70	-2594.75	1707.00	13.00	1.10	0.00	3105.89	146.66	Imp Svys
741	12010.00	90.12	169.38	9194.53	2915.70	-2607.52	1709.40	13.00	1.11	0.00	3117.89	146.75	Imp Svys
742	12023.00	90.25	169.44	9194.48	2928.69	-2620.30	1711.79	13.00	1.08	0.00	3129.89	146.84	Imp Svys
743	12036.00	90.37	169.50	9194.42	2941.68	-2633.08	1714.16	13.00	1.02	141.80	3141.89	146.94	MWD Run 3
744	12051.00	90.48	169.56	9194.30	2956.67	-2647.83	1716.89	15.00	0.87	0.00	3155.75	147.04	Imp Svys
745	12066.00	90.58	169.62	9194.17	2971.66	-2662.59	1719.60	15.00	0.76	0.00	3169.60	147.14	Imp Svys
746	12081.00	90.67	169.67	9194.00	2986.65	-2677.34	1722.30	15.00	0.67	0.00	3183.47	147.25	Imp Svys
747	12096.00	90.74	169.71	9193.82	3001.64	-2692.10	1724.98	15.00	0.58	0.00	3197.33	147.35	Imp Svys
748	12111.00	90.81	169.74	9193.61	3016.63	-2706.86	1727.65	15.00	0.48	0.00	3211.21	147.45	Imp Svys
749	12126.00	90.86	169.75	9193.40	3031.61	-2721.62	1730.32	15.00	0.36	143.60	3225.09	147.55	MWD Run 3
750	12141.00	90.89	169.73	9193.17	3046.60	-2736.37	1732.99	15.00	0.25	0.00	3238.98	147.65	Imp Svys
751	12156.00	90.92	169.70	9192.93	3061.59	-2751.13	1735.67	15.00	0.29	0.00	3252.89	147.75	Imp Svys
752	12171.00	90.93	169.65	9192.69	3076.57	-2765.89	1738.36	15.00	0.34	0.00	3266.81	147.85	Imp Svys
753	12186.00	90.94	169.59	9192.44	3091.56	-2780.64	1741.06	15.00	0.37	0.00	3280.74	147.95	Imp Svys
754	12201.00	90.95	169.53	9192.20	3106.55	-2795.39	1743.78	15.00	0.39	0.00	3294.69	148.04	Imp Svys
755	12216.00	90.96	169.48	9191.94	3121.54	-2810.13	1746.51	15.00	0.38	145.40	3308.65	148.14	MWD Run 3
756	12231.00	90.98	169.43	9191.69	3136.53	-2824.88	1749.26	15.00	0.34	0.00	3322.63	148.23	Imp Svys
757	12246.00	91.01	169.39	9191.43	3151.52	-2839.62	1752.02	15.00	0.33	0.00	3336.62	148.33	Imp Svys
758	12261.00	91.03	169.34	9191.16	3166.51	-2854.36	1754.78	15.00	0.34	0.00	3350.62	148.42	Imp Svys
759	12276.00	91.06	169.30	9190.89	3181.50	-2869.10	1757.56	15.00	0.34	0.00	3364.63	148.51	Imp Svys
760	12291.00	91.09	169.26	9190.61	3196.49	-2883.84	1760.35	15.00	0.36	0.00	3378.66	148.60	Imp Svys
761	12306.00	91.12	169.21	9190.32	3211.48	-2898.57	1763.15	15.00	0.38	145.40	3392.70	148.69	MWD Run 3
762	12319.00	91.15	169.16	9190.06	3224.47	-2911.33	1765.59	13.00	0.43	0.00	3404.88	148.77	Imp Svys
763	12332.00	91.18	169.10	9189.79	3237.46	-2924.10	1768.04	13.00	0.46	0.00	3417.07	148.84	Imp Svys
764	12345.00	91.19	169.04	9189.53	3250.45	-2936.86	1770.51	13.00	0.48	0.00	3429.26	148.92	Imp Svys
765	12358.00	91.20	168.97	9189.25	3263.45	-2949.62	1772.99	13.00	0.53	0.00	3441.47	148.99	Imp Svys
766	12371.00	91.18	168.89	9188.99	3276.44	-2962.37	1775.48	13.00	0.64	0.00	3453.69	149.06	Imp Svys
767	12384.00	90.45	168.12	9188.80	3289.44	-2975.11	1778.07	13.00	8.17	0.00	3465.95	149.14	Imp Svys
768	12397.00	90.13	167.76	9188.74	3302.43	-2987.83	1780.79	13.00	3.71	145.40	3478.26	149.20	MWD Run 3
769	12412.00	89.95	167.57	9188.73	3317.43	-3002.48	1783.99	15.00	1.71	0.00	3492.49	149.28	Imp Svys
770	12427.00	89.74	167.36	9188.77	3332.43	-3017.12	1787.24	15.00	2.00	0.00	3506.75	149.36	Imp Svys
771	12442.00	89.52	167.15	9188.86	3347.43	-3031.75	1790.55	15.00	2.06	0.00	3521.02	149.43	Imp Svys
772	12457.00	89.31	166.96	9189.02	3362.43	-3046.37	1793.91	15.00	1.89	0.00	3535.32	149.51	Imp Svys
773	12472.00	89.15	166.81	9189.22	3377.43	-3060.98	1797.32	15.00	1.46	0.00	3549.64	149.58	Imp Svys
774	12487.00	89.07	166.74	9189.45	3392.43	-3075.58	1800.75	15.00	0.68	147.20	3563.97	149.65	MWD Run 3
775	12502.00	89.14	166.82	9189.68	3407.42	-3090.18	1804.18	15.00	0.69	0.00	3578.30	149.72	Imp Svys
776	12517.00	89.30	166.96	9189.89	3422.42	-3104.79	1807.58	15.00	1.43	0.00	3592.64	149.79	Imp Svys
777	12532.00	89.49	167.15	9190.05	3437.42	-3119.40	1810.94	15.00	1.76	0.00	3606.96	149.86	Imp Svys
778	12547.00	89.68	167.33	9190.16	3452.42	-3134.03	1814.26	15.00	1.76	0.00	3621.28	149.93	Imp Svys
779	12562.00	89.84	167.47	9190.22	3467.42	-3148.67	1817.53	15.00	1.44	0.00	3635.59	150.00	Imp Svys
780	12577.00	89.92	167.54	9190.25	3482.42	-3163.32	1820.77	15.00	0.72	149.00	3649.90	150.08	MWD Run 3
781	12592.00	89.86	167.46	9190.28	3497.42	-3177.96	1824.02	15.00	0.65	0.00	3664.22	150.15	Imp Svys
782	12607.00	89.73	167.30	9190.33	3512.42	-3192.60	1827.29	15.00	1.41	0.00	3678.54	150.22	Imp Svys
783	12622.00	89.55	167.10	9190.43	3527.42	-3207.23	1830.62	15.00	1.81	0.00	3692.89	150.28	Imp Svys
784	12637.00	89.35	166.88	9190.57	3542.42	-3221.84	1833.99	15.00	1.94	0.00	3707.26	150.35	Imp Svys
785	12652.00	89.16	166.68	9190.77	3557.42	-3236.44	1837.42	15.00	1.83	0.00	3721.65	150.42	Imp Svys
786	12667.00	89.01	166.53	9191.01	3572.41	-3251.03	1840.90	15.00	1.44	150.80	3736.06	150.48	MWD Run 3
787	12682.00	88.94	166.46	9191.28	3587.41	-3265.61	1844.40	15.00	0.66	0.00	3750.47	150.54	Imp Svys
788	12697.00	88.91	166.45	9191.56	3602.40	-3280.19	1847.91	15.00	0.22	0.00	3764.90	150.61	Imp Svys
789	12712.00	88.90	166.46	9191.84	3617.40	-3294.77	1851.42	15.00	0.10	0.00	3779.33	150.67	Imp Svys
790	12727.00	88.91	166.49	9192.13	3632.39	-3309.36	1854.93	15.00	0.17	0.00	3793.76	150.73	Imp Svys
791	12742.00	88.92	166.51	9192.41	3647.39	-3323.94	1858.43	15.00	0.14	0.00	3808.19	150.79	Imp Svys
792	12757.00	88.92	166.50	9192.70	3662.38	-3338.52	1861.93	15.00	0.01	150.80	3822.63	150.85	MWD Run 3
793	12770.00	88.90	166.46	9192.94	3675.38	-3351.16	1864.97	13.00	0.36	0.00	3835.15	150.90	Imp Svys
794	12783.00	88.87	166.40	9193.20	3688.37	-3363.79	1868.02	13.00	0.53	0.00	3847.68	150.96	Imp Svys
795	12796.00	88.83	166.33	9193.46	3701.37	-3376.43	1871.08	13.00	0.62	0.00	3860.21	151.01	Imp Svys
796	12809.00	88.79	166.26	9193.73	3714.36	-3389.05	1874.16	13.00	0.65	0.00	3872.75	151.06	Imp Svys

797	12822.00	88.85	166.20	9194.00	3727.36	-3401.68	1877.26	13.00	0.61	0.00	3885.29	151.11	Imp Svys
798	12835.00	90.09	166.37	9194.12	3740.35	-3414.31	1880.34	13.00	9.64	0.00	3897.84	151.16	Imp Svys
799	12848.00	90.15	166.34	9194.09	3753.35	-3426.94	1883.41	13.00	0.55	150.80	3910.39	151.21	MWD Run 3
800	12862.83	90.12	166.31	9194.05	3768.18	-3441.35	1886.91	14.83	0.32	0.00	3924.71	151.26	Imp Svys
801	12877.67	90.09	166.29	9194.03	3783.01	-3455.76	1890.43	14.83	0.25	0.00	3939.04	151.32	Imp Svys
802	12892.50	90.06	166.28	9194.01	3797.84	-3470.17	1893.94	14.83	0.23	0.00	3953.37	151.38	Imp Svys
803	12907.33	90.02	166.26	9194.00	3812.67	-3484.58	1897.47	14.83	0.24	0.00	3967.71	151.43	Imp Svys
804	12922.17	89.99	166.24	9194.00	3827.50	-3498.99	1900.99	14.83	0.30	0.00	3982.05	151.48	Imp Svys
805	12937.00	89.94	166.19	9194.00	3842.33	-3513.40	1904.53	14.83	0.42	152.60	3996.39	151.54	MWD Run 3
806	12952.00	89.89	166.11	9194.03	3857.33	-3527.96	1908.12	15.00	0.65	0.00	4010.91	151.59	Imp Svys
807	12967.00	89.82	166.01	9194.07	3872.32	-3542.52	1911.73	15.00	0.78	0.00	4025.44	151.65	Imp Svys
808	12982.00	89.76	165.91	9194.12	3887.31	-3557.07	1915.37	15.00	0.83	0.00	4039.97	151.70	Imp Svys
809	12997.00	89.70	165.80	9194.19	3902.31	-3571.62	1919.03	15.00	0.82	0.00	4054.52	151.75	Imp Svys
810	13012.00	89.64	165.71	9194.28	3917.30	-3586.15	1922.72	15.00	0.74	0.00	4069.07	151.80	Imp Svys
811	13027.00	89.60	165.63	9194.38	3932.29	-3600.69	1926.44	15.00	0.58	154.40	4083.64	151.85	MWD Run 3
812	13042.00	89.59	165.59	9194.48	3947.28	-3615.22	1930.17	15.00	0.29	0.00	4098.21	151.90	Imp Svys
813	13057.00	89.59	165.57	9194.59	3962.28	-3629.74	1933.90	15.00	0.13	0.00	4112.79	151.95	Imp Svys
814	13072.00	89.57	165.57	9194.70	3977.27	-3644.27	1937.64	15.00	0.08	0.00	4127.36	152.00	Imp Svys
815	13087.00	89.53	165.58	9194.82	3992.26	-3658.80	1941.38	15.00	0.28	0.00	4141.95	152.05	Imp Svys
816	13102.00	89.52	165.67	9194.94	4007.25	-3673.33	1945.10	15.00	0.59	0.00	4156.53	152.10	Imp Svys
817	13117.00	90.59	166.56	9194.93	4022.24	-3687.89	1948.70	15.00	9.25	152.60	4171.08	152.15	MWD Run 3
818	13130.00	90.78	166.84	9194.77	4035.24	-3700.54	1951.69	13.00	2.57	0.00	4183.67	152.19	Imp Svys
819	13143.00	90.48	166.95	9194.63	4048.24	-3713.20	1954.64	13.00	2.45	0.00	4196.24	152.24	Imp Svys
820	13156.00	90.14	167.07	9194.56	4061.24	-3725.87	1957.56	13.00	2.71	0.00	4208.81	152.28	Imp Svys
821	13169.00	89.81	167.19	9194.57	4074.24	-3738.54	1960.45	13.00	2.77	0.00	4221.38	152.33	Imp Svys
822	13182.00	89.49	167.31	9194.65	4087.24	-3751.22	1963.32	13.00	2.63	0.00	4233.94	152.37	Imp Svys
823	13195.00	89.21	167.41	9194.79	4100.24	-3763.90	1966.17	13.00	2.27	0.00	4246.50	152.42	Imp Svys
824	13208.00	89.01	167.49	9195.00	4113.24	-3776.59	1968.99	13.00	1.65	154.40	4259.06	152.46	MWD Run 3
825	13223.00	88.92	167.51	9195.27	4128.23	-3791.23	1972.24	15.00	0.59	0.00	4273.54	152.52	Imp Svys
826	13238.00	88.93	167.50	9195.55	4143.23	-3805.87	1975.48	15.00	0.11	0.00	4288.03	152.57	Imp Svys
827	13253.00	89.00	167.47	9195.82	4158.23	-3820.51	1978.73	15.00	0.48	0.00	4302.52	152.62	Imp Svys
828	13268.00	89.08	167.42	9196.07	4173.23	-3835.15	1981.99	15.00	0.64	0.00	4317.03	152.67	Imp Svys
829	13283.00	89.16	167.37	9196.30	4188.23	-3849.79	1985.27	15.00	0.61	0.00	4331.53	152.72	Imp Svys
830	13298.00	89.19	167.32	9196.52	4203.22	-3864.42	1988.55	15.00	0.41	154.40	4346.05	152.77	MWD Run 3
831	13311.00	89.15	167.28	9196.70	4216.22	-3877.11	1991.41	13.00	0.39	0.00	4358.63	152.81	Imp Svys
832	13324.00	89.08	167.26	9196.90	4229.22	-3889.78	1994.28	13.00	0.64	0.00	4371.22	152.86	Imp Svys
833	13337.00	88.97	167.23	9197.12	4242.22	-3902.46	1997.15	13.00	0.81	0.00	4383.81	152.90	Imp Svys
834	13350.00	88.86	167.21	9197.37	4255.22	-3915.14	2000.02	13.00	0.92	0.00	4396.41	152.94	Imp Svys
835	13363.00	88.73	167.18	9197.64	4268.21	-3927.81	2002.90	13.00	0.97	0.00	4409.00	152.98	Imp Svys
836	13376.00	88.61	167.15	9197.94	4281.21	-3940.48	2005.79	13.00	0.96	0.00	4421.61	153.02	Imp Svys
837	13389.00	88.50	167.12	9198.27	4294.21	-3953.15	2008.68	13.00	0.92	156.20	4434.21	153.06	MWD Run 3
838	13404.00	88.39	167.08	9198.68	4309.20	-3967.77	2012.03	15.00	0.80	0.00	4448.76	153.11	Imp Svys
839	13419.00	88.29	167.03	9199.12	4324.19	-3982.38	2015.39	15.00	0.72	0.00	4463.31	153.16	Imp Svys
840	13434.00	88.20	166.99	9199.58	4339.19	-3996.99	2018.76	15.00	0.65	0.00	4477.87	153.20	Imp Svys
841	13449.00	88.12	166.95	9200.06	4354.18	-4011.60	2022.14	15.00	0.58	0.00	4492.43	153.25	Imp Svys
842	13464.00	88.16	166.92	9200.54	4369.17	-4026.20	2025.53	15.00	0.32	0.00	4507.00	153.29	Imp Svys
843	13479.00	89.69	166.86	9200.82	4384.16	-4040.81	2028.93	15.00	10.20	156.20	4521.58	153.34	MWD Run 3
844	13494.00	90.32	166.59	9200.82	4399.16	-4055.41	2032.37	15.00	4.54	0.00	4536.17	153.38	Imp Svys
845	13509.00	90.28	166.63	9200.75	4414.16	-4070.00	2035.85	15.00	0.34	0.00	4550.78	153.43	Imp Svys
846	13524.00	90.25	166.67	9200.68	4429.16	-4084.59	2039.31	15.00	0.34	0.00	4565.38	153.47	Imp Svys
847	13539.00	90.24	166.72	9200.61	4444.16	-4099.19	2042.76	15.00	0.32	0.00	4579.98	153.51	Imp Svys
848	13554.00	90.24	166.76	9200.55	4459.16	-4113.79	2046.20	15.00	0.29	0.00	4594.59	153.55	Imp Svys
849	13569.00	90.28	166.79	9200.48	4474.15	-4128.39	2049.64	15.00	0.34	152.60	4609.19	153.60	MWD Run 3
850	13584.00	90.36	166.81	9200.40	4489.15	-4143.00	2053.06	15.00	0.59	0.00	4623.79	153.64	Imp Svys
851	13599.00	90.47	166.82	9200.29	4504.15	-4157.60	2056.48	15.00	0.70	0.00	4638.40	153.68	Imp Svys
852	13614.00	90.57	166.81	9200.15	4519.15	-4172.20	2059.90	15.00	0.68	0.00	4653.01	153.72	Imp Svys
853	13629.00	90.64	166.78	9199.99	4534.15	-4186.81	2063.33	15.00	0.52	0.00	4667.62	153.77	Imp Svys
854	13644.00	91.73	166.73	9199.68	4549.14	-4201.40	2066.76	15.00	7.23	0.00	4682.23	153.81	Imp Svys
855	13659.00	91.68	166.64	9199.24	4564.14	-4215.99	2070.22	15.00	0.67	154.40	4696.85	153.85	MWD Run 3
856	13674.00	91.51	166.50	9198.82	4579.13	-4230.58	2073.70	15.00	1.49	0.00	4711.48	153.89	Imp Svys
857	13689.00	91.27	166.32	9198.46	4594.12	-4245.15	2077.22	15.00	1.97	0.00	4726.12	153.93	Imp Svys
858	13704.00	91.00	166.13	9198.16	4609.11	-4259.72	2080.79	15.00	2.20	0.00	4740.77	153.97	Imp Svys
859	13719.00	90.72	165.94	9197.93	4624.11	-4274.28	2084.41	15.00	2.24	0.00	4755.44	154.00	Imp Svys
860	13734.00	90.47	165.77	9197.78	4639.10	-4288.82	2088.07	15.00	2.08	0.00	4770.12	154.04	Imp Svys
861	13749.00	90.26	165.62	9197.68	4654.09	-4303.35	2091.78	15.00	1.69	156.20	4784.81	154.08	MWD Run 3
862	13762.00	90.17	165.54	9197.64	4667.08	-4315.94	2095.02	13.00	0.96	0.00	4797.55	154.11	Imp Svys
863	13775.00	90.12	165.48	9197.60	4680.08	-4328.53	2098.27	13.00	0.57	0.00	4810.29	154.14	Imp Svys
864	13788.00	90.10	165.44	9197.58	4693.07	-4341.11	2101.54	13.00	0.35	0.00	4823.04	154.17	Imp Svys

865	13801.00	90.09	165.41	9197.56	4706.06	-4353.70	2104.81	13.00	0.24	0.00	4835.79	154.20	Imp Svys
866	13814.00	90.27	165.65	9197.52	4719.05	-4366.28	2108.06	13.00	2.31	0.00	4848.54	154.23	Imp Svys
867	13827.00	91.01	166.81	9197.37	4732.05	-4378.91	2111.15	13.00	10.57	0.00	4861.26	154.26	Imp Svys
868	13840.00	91.14	166.97	9197.13	4745.04	-4391.57	2114.10	13.00	1.60	154.40	4873.94	154.29	MWD Run 3
869	13855.00	91.16	166.94	9196.83	4760.04	-4406.18	2117.49	15.00	0.26	0.00	4888.57	154.33	Imp Svys
870	13870.00	91.18	166.90	9196.52	4775.04	-4420.79	2120.88	15.00	0.28	0.00	4903.21	154.37	Imp Svys
871	13885.00	91.19	166.86	9196.21	4790.03	-4435.39	2124.28	15.00	0.27	0.00	4917.85	154.41	Imp Svys
872	13900.00	91.19	166.82	9195.90	4805.03	-4449.99	2127.70	15.00	0.26	0.00	4932.50	154.45	Imp Svys
873	13915.00	91.16	166.78	9195.59	4820.02	-4464.59	2131.12	15.00	0.34	0.00	4947.15	154.48	Imp Svys
874	13930.00	91.21	167.87	9195.28	4835.02	-4479.23	2134.41	15.00	7.29	154.40	4961.77	154.52	MWD Run 3
875	13945.00	91.09	167.82	9194.98	4850.02	-4493.89	2137.57	15.00	0.90	0.00	4976.37	154.56	Imp Svys
876	13960.00	90.93	167.77	9194.71	4865.02	-4508.54	2140.74	15.00	1.10	0.00	4990.97	154.60	Imp Svys
877	13975.00	90.76	167.71	9194.49	4880.01	-4523.20	2143.93	15.00	1.23	0.00	5005.57	154.64	Imp Svys
878	13990.00	90.57	167.66	9194.32	4895.01	-4537.85	2147.13	15.00	1.32	0.00	5020.19	154.68	Imp Svys
879	14005.00	90.37	167.60	9194.19	4910.01	-4552.51	2150.34	15.00	1.37	0.00	5034.81	154.72	Imp Svys
880	14020.00	90.94	167.86	9194.02	4925.01	-4567.16	2153.52	15.00	4.17	154.40	5049.42	154.76	MWD Run 3
881	14033.00	90.74	167.82	9193.83	4938.01	-4579.87	2156.26	13.00	1.53	0.00	5062.08	154.79	Imp Svys
882	14046.00	90.54	167.78	9193.69	4951.01	-4592.58	2159.01	13.00	1.55	0.00	5074.75	154.82	Imp Svys
883	14059.00	90.35	167.74	9193.59	4964.01	-4605.28	2161.77	13.00	1.52	0.00	5087.42	154.85	Imp Svys
884	14072.00	90.17	167.71	9193.53	4977.01	-4617.98	2164.53	13.00	1.43	0.00	5100.09	154.89	Imp Svys
885	14085.00	90.01	167.69	9193.51	4990.01	-4630.68	2167.30	13.00	1.25	0.00	5112.77	154.92	Imp Svys
886	14098.00	89.88	167.67	9193.52	5003.01	-4643.38	2170.07	13.00	0.97	0.00	5125.45	154.95	Imp Svys
887	14111.00	90.32	168.68	9193.50	5016.01	-4656.11	2172.74	13.00	8.48	154.40	5138.11	154.98	MWD Run 3
888	14126.00	90.31	168.70	9193.41	5031.00	-4670.82	2175.68	15.00	0.12	0.00	5152.68	155.02	Imp Svys
889	14141.00	90.34	168.73	9193.33	5046.00	-4685.53	2178.61	15.00	0.28	0.00	5167.25	155.06	Imp Svys
890	14156.00	90.38	168.76	9193.23	5061.00	-4700.24	2181.54	15.00	0.35	0.00	5181.83	155.10	Imp Svys
891	14171.00	90.40	168.79	9193.13	5075.99	-4714.95	2184.46	15.00	0.26	0.00	5196.40	155.14	Imp Svys
892	14186.00	91.50	168.88	9192.88	5090.98	-4729.66	2187.36	15.00	7.34	0.00	5210.98	155.18	Imp Svys
893	14201.00	91.43	168.90	9192.50	5105.98	-4744.38	2190.25	15.00	0.51	152.60	5225.55	155.22	MWD Run 3
894	14216.00	91.25	168.90	9192.15	5120.97	-4759.09	2193.14	15.00	1.17	0.00	5240.12	155.26	Imp Svys
895	14231.00	91.02	168.90	9191.85	5135.96	-4773.81	2196.03	15.00	1.56	0.00	5254.69	155.30	Imp Svys
896	14246.00	90.75	168.89	9191.62	5150.95	-4788.53	2198.92	15.00	1.77	0.00	5269.27	155.34	Imp Svys
897	14261.00	90.47	168.88	9191.46	5165.95	-4803.25	2201.81	15.00	1.86	0.00	5283.86	155.37	Imp Svys
898	14276.00	90.20	168.87	9191.37	5180.94	-4817.96	2204.70	15.00	1.83	0.00	5298.44	155.41	Imp Svys
899	14291.00	89.95	168.87	9191.35	5195.94	-4832.68	2207.60	15.00	1.68	154.40	5313.03	155.45	MWD Run 3
900	14304.00	89.77	168.89	9191.38	5208.94	-4845.44	2210.11	13.00	1.38	0.00	5325.68	155.48	Imp Svys
901	14317.00	89.61	168.90	9191.45	5221.93	-4858.19	2212.61	13.00	1.22	0.00	5338.32	155.51	Imp Svys
902	14330.00	89.47	168.93	9191.56	5234.93	-4870.95	2215.11	13.00	1.12	0.00	5350.97	155.55	Imp Svys
903	14343.00	89.33	168.97	9191.69	5247.92	-4883.71	2217.60	13.00	1.08	0.00	5363.61	155.58	Imp Svys
904	14356.00	89.35	168.93	9191.84	5260.92	-4896.47	2220.09	13.00	0.33	0.00	5376.26	155.61	Imp Svys
905	14369.00	90.21	168.42	9191.89	5273.91	-4909.21	2222.65	13.00	7.70	0.00	5388.93	155.64	Imp Svys
906	14382.00	90.88	168.67	9191.77	5286.91	-4921.95	2225.23	13.00	5.51	154.40	5401.60	155.67	MWD Run 3
907	14397.00	90.71	168.80	9191.56	5301.91	-4936.66	2228.16	15.00	1.43	0.00	5416.21	155.71	Imp Svys
908	14412.00	90.52	168.94	9191.40	5316.90	-4951.38	2231.05	15.00	1.57	0.00	5430.82	155.74	Imp Svys
909	14427.00	90.32	169.10	9191.29	5331.90	-4966.11	2233.91	15.00	1.69	0.00	5445.42	155.78	Imp Svys
910	14442.00	90.11	169.26	9191.24	5346.89	-4980.84	2236.73	15.00	1.79	0.00	5460.01	155.82	Imp Svys
911	14457.00	91.26	169.30	9191.06	5361.88	-4995.58	2239.52	15.00	7.69	0.00	5474.60	155.85	Imp Svys
912	14472.00	92.24	169.34	9190.60	5376.87	-5010.31	2242.29	15.00	6.55	154.40	5489.18	155.89	MWD Run 3
913	14487.00	91.89	169.57	9190.06	5391.85	-5025.05	2245.04	15.00	2.79	0.00	5503.75	155.93	Imp Svys
914	14502.00	91.51	169.82	9189.61	5406.83	-5039.80	2247.72	15.00	3.04	0.00	5518.31	155.96	Imp Svys
915	14517.00	91.13	170.08	9189.26	5421.81	-5054.56	2250.34	15.00	3.04	0.00	5532.87	156.00	Imp Svys
916	14532.00	90.79	170.31	9189.01	5436.79	-5069.34	2252.89	15.00	2.81	0.00	5547.41	156.04	Imp Svys
917	14547.00	90.51	170.52	9188.84	5451.77	-5084.13	2255.39	15.00	2.31	0.00	5561.94	156.08	Imp Svys
918	14562.00	90.35	170.67	9188.73	5466.75	-5098.93	2257.84	15.00	1.44	152.60	5576.46	156.12	MWD Run 3
919	14576.67	90.40	170.71	9188.64	5481.39	-5113.40	2260.21	14.67	0.45	0.00	5590.66	156.15	Imp Svys
920	14591.33	90.53	170.71	9188.52	5496.04	-5127.88	2262.58	14.67	0.91	0.00	5604.85	156.19	Imp Svys
921	14606.00	91.35	170.21	9188.28	5510.68	-5142.34	2265.01	14.67	6.55	0.00	5619.07	156.23	Imp Svys
922	14620.67	92.58	170.12	9187.77	5525.32	-5156.78	2267.51	14.67	8.38	0.00	5633.29	156.26	Imp Svys
923	14635.33	92.79	170.05	9187.08	5539.96	-5171.21	2270.04	14.67	1.52	0.00	5647.52	156.30	Imp Svys
924	14650.00	92.98	169.97	9186.35	5554.59	-5185.64	2272.58	14.67	1.38	154.40	5661.75	156.33	MWD Run 3
925	14663.29	93.05	169.92	9185.65	5567.85	-5198.70	2274.89	13.29	0.66	0.00	5674.65	156.37	Imp Svys
926	14676.57	93.06	169.87	9184.94	5581.10	-5211.76	2277.22	13.29	0.37	0.00	5687.55	156.40	Imp Svys
927	14689.86	93.04	169.83	9184.23	5594.36	-5224.82	2279.56	13.29	0.33	0.00	5700.45	156.43	Imp Svys
928	14703.14	93.00	169.80	9183.54	5607.62	-5237.88	2281.91	13.29	0.35	0.00	5713.36	156.46	Imp Svys
929	14716.43	92.96	169.79	9182.84	5620.87	-5250.94	2284.26	13.29	0.33	0.00	5726.27	156.49	Imp Svys
930	14729.71	92.93	169.79	9182.16	5634.13	-5264.00	2286.61	13.29	0.23	0.00	5739.18	156.52	Imp Svys
931	14743.00	92.72	169.63	9181.51	5647.39	-5277.05	2288.98	13.29	1.93	156.20	5752.10	156.55	MWD Run 3
932	14758.00	92.26	169.26	9180.86	5662.37	-5291.78	2291.72	15.00	3.98	0.00	5766.71	156.58	Imp Svys

933	14773.00	92.33	169.36	9180.26	5677.35	-5306.51	2294.50	15.00	0.84	0.00	5781.33	156.62	Imp Svys
934	14788.00	92.43	169.48	9179.63	5692.33	-5321.24	2297.26	15.00	1.06	0.00	5795.95	156.65	Imp Svys
935	14803.00	92.55	169.62	9178.98	5707.30	-5335.98	2299.97	15.00	1.21	0.00	5810.56	156.68	Imp Svys
936	14818.00	92.67	169.78	9178.30	5722.28	-5350.72	2302.65	15.00	1.31	0.00	5825.16	156.72	Imp Svys
937	14833.00	91.89	169.51	9177.70	5737.25	-5365.47	2305.35	15.00	5.51	156.20	5839.77	156.75	MWD Run 3
938	14848.00	91.77	169.60	9177.22	5752.24	-5380.21	2308.07	15.00	1.01	0.00	5854.39	156.78	Imp Svys
939	14863.00	91.93	169.83	9176.73	5767.22	-5394.96	2310.74	15.00	1.80	0.00	5869.00	156.81	Imp Svys
940	14878.00	92.07	170.05	9176.21	5782.19	-5409.72	2313.36	15.00	1.76	0.00	5883.60	156.85	Imp Svys
941	14893.00	92.18	170.25	9175.66	5797.17	-5424.49	2315.92	15.00	1.51	0.00	5898.19	156.88	Imp Svys
942	14908.00	91.61	169.65	9175.16	5812.15	-5439.25	2318.54	15.00	5.51	0.00	5912.79	156.91	Imp Svys
943	14923.00	90.49	169.63	9174.89	5827.13	-5454.01	2321.24	15.00	7.49	156.20	5927.42	156.95	MWD Run 3
944	14936.00	89.99	169.70	9174.83	5840.12	-5466.80	2323.57	13.00	3.91	0.00	5940.10	156.97	Imp Svys
945	14949.00	89.89	169.72	9174.85	5853.11	-5479.59	2325.89	13.00	0.77	0.00	5952.78	157.00	Imp Svys
946	14962.00	89.77	169.73	9174.89	5866.10	-5492.38	2328.21	13.00	0.89	0.00	5965.47	157.03	Imp Svys
947	14975.00	89.65	169.73	9174.95	5879.09	-5505.17	2330.53	13.00	0.91	0.00	5978.15	157.06	Imp Svys
948	14988.00	89.55	169.72	9175.04	5892.08	-5517.96	2332.85	13.00	0.80	0.00	5990.83	157.08	Imp Svys
949	15001.00	89.09	169.88	9175.20	5905.07	-5530.75	2335.15	13.00	3.73	0.00	6003.51	157.11	Imp Svys
950	15014.00	88.13	170.11	9175.51	5918.06	-5543.55	2337.41	13.00	7.61	156.20	6016.18	157.14	MWD Run 3
951	15029.00	86.97	170.06	9176.15	5933.03	-5558.32	2339.99	15.00	7.75	0.00	6030.79	157.17	Imp Svys
952	15044.00	87.05	170.06	9176.93	5947.99	-5573.07	2342.57	15.00	0.57	0.00	6045.39	157.20	Imp Svys
953	15059.00	87.17	170.05	9177.69	5962.96	-5587.83	2345.16	15.00	0.76	0.00	6060.00	157.23	Imp Svys
954	15074.00	87.28	170.05	9178.42	5977.93	-5602.58	2347.75	15.00	0.77	0.00	6074.61	157.26	Imp Svys
955	15089.00	87.38	170.06	9179.12	5992.89	-5617.34	2350.33	15.00	0.62	0.00	6089.22	157.30	Imp Svys
956	15104.00	87.42	170.08	9179.80	6007.86	-5632.10	2352.92	15.00	0.32	158.00	6103.83	157.33	MWD Run 3
957	15119.00	87.82	169.71	9180.42	6022.84	-5646.86	2355.55	15.00	3.67	0.00	6118.46	157.36	Imp Svys
958	15134.00	88.42	169.01	9180.91	6037.82	-5661.59	2358.32	15.00	6.12	0.00	6133.13	157.39	Imp Svys
959	15149.00	88.22	169.12	9181.35	6052.81	-5676.31	2361.16	15.00	1.52	0.00	6147.81	157.41	Imp Svys
960	15164.00	87.98	169.24	9181.85	6067.79	-5691.04	2363.97	15.00	1.80	0.00	6162.49	157.44	Imp Svys
961	15179.00	87.73	169.37	9182.41	6082.78	-5705.77	2366.76	15.00	1.89	0.00	6177.16	157.47	Imp Svys
962	15194.00	88.07	168.76	9182.96	6097.76	-5720.48	2369.60	15.00	4.64	159.80	6191.84	157.50	MWD Run 3
963	15209.00	88.27	168.39	9183.44	6112.75	-5735.18	2372.57	15.00	2.79	0.00	6206.56	157.53	Imp Svys
964	15224.00	88.00	168.51	9183.93	6127.74	-5749.87	2375.57	15.00	1.96	0.00	6221.28	157.55	Imp Svys
965	15239.00	87.75	168.62	9184.48	6142.73	-5764.56	2378.54	15.00	1.76	0.00	6235.99	157.58	Imp Svys
966	15254.00	87.59	168.72	9185.09	6157.71	-5779.26	2381.49	15.00	1.26	0.00	6250.70	157.60	Imp Svys
967	15269.00	88.51	168.56	9185.60	6172.70	-5793.95	2384.44	15.00	6.22	0.00	6265.42	157.63	Imp Svys
968	15284.00	89.56	168.19	9185.85	6187.70	-5808.64	2387.46	15.00	7.41	159.80	6280.15	157.66	MWD Run 3
969	15299.00	89.92	168.26	9185.92	6202.69	-5823.33	2390.52	15.00	2.46	0.00	6294.90	157.68	Imp Svys
970	15314.00	90.38	168.31	9185.88	6217.69	-5838.01	2393.57	15.00	3.08	0.00	6309.64	157.71	Imp Svys
971	15329.00	90.85	168.36	9185.72	6232.69	-5852.70	2396.60	15.00	3.13	0.00	6324.38	157.73	Imp Svys
972	15344.00	91.24	168.39	9185.45	6247.69	-5867.39	2399.62	15.00	2.62	0.00	6339.12	157.76	Imp Svys
973	15359.00	92.04	167.64	9185.02	6262.68	-5882.06	2402.74	15.00	7.30	0.00	6353.88	157.78	Imp Svys
974	15374.00	92.28	167.47	9184.45	6277.67	-5896.70	2405.97	15.00	1.97	159.80	6368.65	157.80	MWD Run 3
975	15387.00	92.08	167.41	9183.96	6290.66	-5909.38	2408.79	13.00	1.56	0.00	6381.46	157.82	Imp Svys
976	15400.00	91.76	167.32	9183.52	6303.65	-5922.06	2411.63	13.00	2.58	0.00	6394.27	157.84	Imp Svys
977	15413.00	91.36	167.23	9183.17	6316.65	-5934.73	2414.50	13.00	3.17	0.00	6407.09	157.86	Imp Svys
978	15426.00	90.92	167.14	9182.91	6329.64	-5947.40	2417.38	13.00	3.41	0.00	6419.92	157.88	Imp Svys
979	15439.00	90.50	167.05	9182.75	6342.64	-5960.08	2420.28	13.00	3.35	0.00	6432.75	157.90	Imp Svys
980	15452.00	90.12	166.98	9182.68	6355.64	-5972.74	2423.20	13.00	2.96	0.00	6445.59	157.92	Imp Svys
981	15465.00	89.84	166.94	9182.69	6368.64	-5985.41	2426.14	13.00	2.18	159.80	6458.42	157.94	MWD Run 3
982	15480.00	89.71	166.96	9182.75	6383.64	-6000.02	2429.52	15.00	0.82	0.00	6473.24	157.96	Imp Svys
983	15495.00	89.71	167.01	9182.82	6398.64	-6014.63	2432.90	15.00	0.34	0.00	6488.05	157.98	Imp Svys
984	15510.00	90.09	167.01	9182.85	6413.64	-6029.25	2436.27	15.00	2.59	0.00	6502.87	158.00	Imp Svys
985	15525.00	91.13	166.96	9182.69	6428.64	-6043.86	2439.65	15.00	6.91	0.00	6517.68	158.02	Imp Svys
986	15540.00	91.18	167.00	9182.39	6443.63	-6058.48	2443.03	15.00	0.46	0.00	6532.50	158.04	Imp Svys
987	15555.00	91.19	167.02	9182.08	6458.63	-6073.09	2446.40	15.00	0.16	161.60	6547.31	158.06	MWD Run 3
988	15570.00	91.09	166.98	9181.78	6473.63	-6087.70	2449.77	15.00	0.72	0.00	6562.13	158.08	Imp Svys
989	15585.00	90.92	166.91	9181.51	6488.62	-6102.31	2453.16	15.00	1.24	0.00	6576.95	158.10	Imp Svys
990	15600.00	90.70	166.81	9181.30	6503.62	-6116.92	2456.57	15.00	1.59	0.00	6591.77	158.12	Imp Svys
991	15615.00	90.45	166.71	9181.15	6518.62	-6131.52	2460.01	15.00	1.84	0.00	6606.60	158.14	Imp Svys
992	15630.00	90.16	166.61	9181.07	6533.62	-6146.11	2463.47	15.00	2.04	0.00	6621.43	158.16	Imp Svys
993	15645.00	90.58	166.36	9180.97	6548.61	-6160.70	2466.97	15.00	3.26	161.60	6636.27	158.18	MWD Run 3
994	15660.00	91.87	165.81	9180.65	6563.61	-6175.25	2470.58	15.00	9.34	0.00	6651.13	158.19	Imp Svys
995	15675.00	91.39	165.75	9180.22	6578.59	-6189.79	2474.26	15.00	3.24	0.00	6665.99	158.21	Imp Svys
996	15690.00	90.86	165.69	9179.93	6593.58	-6204.32	2477.96	15.00	3.53	0.00	6680.86	158.23	Imp Svys
997	15705.00	90.34	165.63	9179.77	6608.57	-6218.85	2481.68	15.00	3.51	0.00	6695.73	158.25	Imp Svys
998	15720.00	89.87	165.56	9179.74	6623.57	-6233.38	2485.41	15.00	3.18	0.00	6710.61	158.26	Imp Svys
999	15735.00	89.50	165.49	9179.83	6638.56	-6247.91	2489.16	15.00	2.48	163.40	6725.49	158.28	MWD Run 3
1000	15748.00	89.36	165.41	9179.96	6651.55	-6260.49	2492.42	13.00	1.26	0.00	6738.39	158.29	Imp Svys

1001	15761.00	89.30	165.32	9180.11	6664.54	-6273.07	2495.71	13.00	0.80	0.00	6751.29	158.31	Imp Svys
1002	15774.00	89.29	165.23	9180.27	6677.53	-6285.64	2499.01	13.00	0.69	0.00	6764.19	158.32	Imp Svys
1003	15787.00	89.28	165.15	9180.43	6690.52	-6298.20	2502.33	13.00	0.67	0.00	6777.10	158.33	Imp Svys
1004	15800.00	89.32	165.13	9180.59	6703.50	-6310.77	2505.67	13.00	0.33	0.00	6790.01	158.34	Imp Svys
1005	15813.00	90.21	165.96	9180.64	6716.50	-6323.36	2508.91	13.00	9.38	0.00	6802.90	158.36	Imp Svys
1006	15826.00	91.16	166.47	9180.48	6729.49	-6335.98	2512.01	13.00	8.26	163.40	6815.78	158.37	MWD Run 3
1007	15841.00	90.83	166.40	9180.22	6744.49	-6350.56	2515.53	15.00	2.21	0.00	6830.63	158.39	Imp Svys
1008	15856.00	90.45	166.34	9180.06	6759.48	-6365.14	2519.06	15.00	2.61	0.00	6845.48	158.41	Imp Svys
1009	15871.00	90.04	166.28	9179.99	6774.48	-6379.71	2522.61	15.00	2.74	0.00	6860.34	158.43	Imp Svys
1010	15886.00	89.65	166.24	9180.03	6789.48	-6394.28	2526.17	15.00	2.63	0.00	6875.20	158.44	Imp Svys
1011	15901.00	89.31	166.21	9180.17	6804.47	-6408.85	2529.75	15.00	2.28	0.00	6890.06	158.46	Imp Svys
1012	15916.00	90.24	166.38	9180.23	6819.47	-6423.42	2533.30	15.00	6.32	163.40	6904.92	158.48	MWD Run 3
1013	15931.00	91.01	166.54	9180.07	6834.46	-6438.00	2536.81	15.00	5.23	0.00	6919.78	158.49	Imp Svys
1014	15946.00	90.96	166.61	9179.81	6849.46	-6452.59	2540.29	15.00	0.55	0.00	6934.63	158.51	Imp Svys
1015	15961.00	90.96	166.69	9179.56	6864.46	-6467.19	2543.76	15.00	0.52	0.00	6949.47	158.53	Imp Svys
1016	15976.00	90.99	166.76	9179.30	6879.45	-6481.78	2547.20	15.00	0.53	0.00	6964.32	158.55	Imp Svys
1017	15991.00	91.02	166.82	9179.04	6894.45	-6496.38	2550.63	15.00	0.43	0.00	6979.16	158.56	Imp Svys
1018	16006.00	91.76	167.49	9178.68	6909.44	-6511.00	2553.96	15.00	6.68	163.40	6993.99	158.58	MWD Run 3
1019	16021.00	92.13	167.80	9178.17	6924.44	-6525.65	2557.17	15.00	3.23	0.00	7008.79	158.60	Imp Svys
1020	16036.00	92.14	167.72	9177.61	6939.43	-6540.30	2560.35	15.00	0.50	0.00	7023.59	158.62	Imp Svys
1021	16051.00	92.15	167.63	9177.04	6954.41	-6554.94	2563.55	15.00	0.61	0.00	7038.40	158.64	Imp Svys
1022	16066.00	92.17	167.54	9176.48	6969.40	-6569.58	2566.77	15.00	0.65	0.00	7053.20	158.66	Imp Svys
1023	16081.00	92.20	167.45	9175.91	6984.39	-6584.21	2570.01	15.00	0.62	0.00	7068.01	158.68	Imp Svys
1024	16096.00	92.25	167.38	9175.32	6999.38	-6598.84	2573.28	15.00	0.54	165.20	7082.83	158.70	MWD Run 3
1025	16111.00	92.33	167.36	9174.72	7014.37	-6613.47	2576.56	15.00	0.52	0.00	7097.65	158.71	Imp Svys
1026	16126.00	92.42	167.37	9174.10	7029.36	-6628.09	2579.83	15.00	0.61	0.00	7112.46	158.73	Imp Svys
1027	16141.00	92.52	167.38	9173.46	7044.34	-6642.71	2583.11	15.00	0.68	0.00	7127.28	158.75	Imp Svys
1028	16156.00	92.62	167.40	9172.78	7059.33	-6657.34	2586.38	15.00	0.70	0.00	7142.09	158.77	Imp Svys
1029	16171.00	92.72	167.41	9172.08	7074.31	-6671.96	2589.65	15.00	0.67	0.00	7156.91	158.79	Imp Svys
1030	16186.00	92.82	167.39	9171.36	7089.29	-6686.58	2592.92	15.00	0.62	167.00	7171.72	158.80	MWD Run 3
1031	16199.00	92.88	167.34	9170.71	7102.28	-6699.25	2595.76	13.00	0.62	0.00	7184.56	158.82	Imp Svys
1032	16212.00	92.93	167.27	9170.05	7115.26	-6711.92	2598.61	13.00	0.67	0.00	7197.40	158.84	Imp Svys
1033	16225.00	92.98	167.19	9169.38	7128.24	-6724.58	2601.48	13.00	0.70	0.00	7210.25	158.85	Imp Svys
1034	16238.00	93.03	167.12	9168.70	7141.23	-6737.24	2604.37	13.00	0.68	0.00	7223.09	158.87	Imp Svys
1035	16251.00	93.07	167.05	9168.01	7154.21	-6749.89	2607.27	13.00	0.62	0.00	7235.94	158.88	Imp Svys
1036	16264.00	91.98	167.12	9167.44	7167.19	-6762.55	2610.17	13.00	8.41	0.00	7248.80	158.89	Imp Svys
1037	16277.00	91.13	167.22	9167.08	7180.19	-6775.22	2613.05	13.00	6.59	165.20	7261.66	158.91	MWD Run 3
1038	16292.00	91.21	167.21	9166.78	7195.18	-6789.84	2616.37	15.00	0.52	0.00	7276.50	158.93	Imp Svys
1039	16307.00	91.29	167.23	9166.45	7210.18	-6804.47	2619.69	15.00	0.57	0.00	7291.34	158.94	Imp Svys
1040	16322.00	91.38	167.26	9166.10	7225.18	-6819.10	2623.00	15.00	0.58	0.00	7306.18	158.96	Imp Svys
1041	16337.00	91.45	167.29	9165.73	7240.17	-6833.72	2626.31	15.00	0.52	0.00	7321.01	158.98	Imp Svys
1042	16352.00	91.50	167.31	9165.34	7255.17	-6848.35	2629.60	15.00	0.39	0.00	7335.85	158.99	Imp Svys
1043	16367.00	91.52	167.33	9164.95	7270.16	-6862.98	2632.89	15.00	0.16	165.20	7350.69	159.01	MWD Run 3
1044	16382.00	91.48	167.33	9164.55	7285.16	-6877.61	2636.18	15.00	0.28	0.00	7365.53	159.03	Imp Svys
1045	16397.00	91.40	167.31	9164.18	7300.15	-6892.24	2639.47	15.00	0.53	0.00	7380.36	159.04	Imp Svys
1046	16412.00	91.30	167.30	9163.82	7315.15	-6906.87	2642.77	15.00	0.69	0.00	7395.20	159.06	Imp Svys
1047	16427.00	91.18	167.28	9163.50	7330.14	-6921.50	2646.07	15.00	0.79	0.00	7410.05	159.08	Imp Svys
1048	16442.00	89.97	167.22	9163.35	7345.14	-6936.13	2649.38	15.00	8.07	0.00	7424.89	159.09	Imp Svys
1049	16457.00	89.82	167.20	9163.38	7360.14	-6950.75	2652.70	15.00	1.02	165.20	7439.74	159.11	MWD Run 3
1050	16472.00	89.64	167.19	9163.45	7375.14	-6965.38	2656.03	15.00	1.22	0.00	7454.60	159.13	Imp Svys
1051	16487.00	89.45	167.18	9163.57	7390.14	-6980.01	2659.35	15.00	1.25	0.00	7469.45	159.14	Imp Svys
1052	16502.00	89.28	167.19	9163.73	7405.14	-6994.63	2662.68	15.00	1.13	0.00	7484.30	159.16	Imp Svys
1053	16517.00	89.15	167.20	9163.94	7420.14	-7009.26	2666.00	15.00	0.86	0.00	7499.15	159.18	Imp Svys
1054	16532.00	89.10	167.23	9164.17	7435.14	-7023.88	2669.32	15.00	0.41	0.00	7514.00	159.19	Imp Svys
1055	16547.00	89.17	167.28	9164.39	7450.13	-7038.51	2672.63	15.00	0.59	154.40	7528.85	159.21	MWD Run 3
1056	16562.00	89.45	167.38	9164.58	7465.13	-7053.15	2675.92	15.00	1.96	0.00	7543.70	159.22	Imp Svys
1057	16577.00	89.83	167.50	9164.67	7480.13	-7067.79	2679.18	15.00	2.69	0.00	7558.55	159.24	Imp Svys
1058	16592.00	90.26	167.61	9164.66	7495.13	-7082.43	2682.42	15.00	2.97	0.00	7573.39	159.26	Imp Svys
1059	16607.00	90.68	167.71	9164.53	7510.13	-7097.09	2685.62	15.00	2.88	0.00	7588.23	159.27	Imp Svys
1060	16622.00	91.03	167.77	9164.31	7525.13	-7111.74	2688.81	15.00	2.38	0.00	7603.06	159.29	Imp Svys
1061	16637.00	91.25	167.76	9164.01	7540.13	-7126.40	2691.99	15.00	1.42	172.40	7617.90	159.31	MWD Run 3
1062	16652.00	91.20	167.63	9163.69	7555.12	-7141.05	2695.18	15.00	0.91	0.00	7632.73	159.32	Imp Svys
1063	16667.00	91.02	167.44	9163.40	7570.12	-7155.70	2698.42	15.00	1.75	0.00	7647.58	159.34	Imp Svys
1064	16682.00	90.77	167.23	9163.16	7585.12	-7170.33	2701.71	15.00	2.16	0.00	7662.43	159.35	Imp Svys
1065	16697.00	90.53	167.03	9162.99	7600.12	-7184.95	2705.05	15.00	2.13	0.00	7677.29	159.37	Imp Svys
1066	16712.00	89.71	167.14	9162.96	7615.12	-7199.57	2708.40	15.00	5.47	0.00	7692.16	159.38	Imp Svys
1067	16727.00	89.10	166.89	9163.12	7630.12	-7214.19	2711.77	15.00	4.41	174.20	7707.02	159.40	MWD Run 3
1068	16740.00	89.03	166.85	9163.33	7643.11	-7226.84	2714.72	13.00	0.58	0.00	7719.91	159.41	Imp Svys



1069	16753.00	89.00	166.84	9163.55	7656.11	-7239.50	2717.68	13.00	0.23	0.00	7732.80	159.42	Imp Svys
1070	16766.00	89.01	166.86	9163.78	7669.11	-7252.16	2720.64	13.00	0.10	0.00	7745.69	159.44	Imp Svys
1071	16779.00	89.04	166.88	9164.00	7682.11	-7264.82	2723.59	13.00	0.30	0.00	7758.58	159.45	Imp Svys
1072	16792.00	89.10	166.92	9164.21	7695.10	-7277.48	2726.54	13.00	0.52	0.00	7771.47	159.46	Imp Svys
1073	16805.00	89.19	166.95	9164.41	7708.10	-7290.14	2729.48	13.00	0.78	0.00	7784.35	159.47	Imp Svys
1074	16818.00	89.33	166.98	9164.57	7721.10	-7302.80	2732.41	13.00	1.12	176.00	7797.24	159.49	MWD Run 3
1075	16833.00	89.57	167.00	9164.72	7736.10	-7317.42	2735.79	15.00	1.60	0.00	7812.11	159.50	Imp Svys
1076	16848.00	89.86	167.01	9164.79	7751.10	-7332.03	2739.16	15.00	1.90	0.00	7826.99	159.51	Imp Svys
1077	16863.00	90.16	167.02	9164.79	7766.10	-7346.65	2742.53	15.00	2.02	0.00	7841.86	159.53	Imp Svys
1078	16878.00	90.46	167.03	9164.71	7781.10	-7361.27	2745.90	15.00	1.98	0.00	7856.73	159.54	Imp Svys
1079	16893.00	90.72	167.04	9164.55	7796.09	-7375.88	2749.26	15.00	1.76	0.00	7871.60	159.56	Imp Svys
1080	16908.00	90.92	167.04	9164.34	7811.09	-7390.50	2752.63	15.00	1.31	172.40	7886.47	159.57	MWD Run 3
1081	16923.00	90.99	167.05	9164.09	7826.09	-7405.12	2755.99	15.00	0.49	0.00	7901.34	159.59	Imp Svys
1082	16938.00	91.01	167.07	9163.83	7841.09	-7419.73	2759.34	15.00	0.15	0.00	7916.21	159.60	Imp Svys
1083	16953.00	90.74	166.93	9163.60	7856.09	-7434.35	2762.72	15.00	1.99	0.00	7931.09	159.61	Imp Svys
1084	16968.00	89.28	166.25	9163.60	7871.08	-7448.94	2766.20	15.00	10.76	0.00	7945.97	159.63	Imp Svys
1085	16983.00	89.23	166.28	9163.79	7886.08	-7463.51	2769.76	15.00	0.38	0.00	7960.87	159.64	Imp Svys
1086	16998.00	89.38	166.35	9163.98	7901.07	-7478.08	2773.31	15.00	1.10	174.20	7975.77	159.65	MWD Run 3
1087	17013.00	89.70	166.45	9164.10	7916.07	-7492.66	2776.83	15.00	2.24	0.00	7990.67	159.66	Imp Svys
1088	17028.00	90.10	166.58	9164.13	7931.07	-7507.25	2780.33	15.00	2.84	0.00	8005.56	159.68	Imp Svys
1089	17043.00	90.55	166.71	9164.04	7946.07	-7521.84	2783.80	15.00	3.10	0.00	8020.45	159.69	Imp Svys
1090	17058.00	91.00	166.83	9163.84	7961.06	-7536.44	2787.23	15.00	3.09	0.00	8035.33	159.70	Imp Svys
1091	17073.00	91.41	166.93	9163.52	7976.06	-7551.05	2790.63	15.00	2.81	0.00	8050.21	159.72	Imp Svys
1092	17088.00	91.73	167.00	9163.11	7991.05	-7565.65	2794.02	15.00	2.20	168.80	8065.09	159.73	MWD Run 3
1093	17103.00	91.90	166.99	9162.64	8006.04	-7580.26	2797.39	15.00	1.12	0.00	8079.96	159.74	Imp Svys
1094	17118.00	90.80	167.49	9162.28	8021.04	-7594.89	2800.70	15.00	8.10	0.00	8094.83	159.76	Imp Svys
1095	17133.00	89.41	167.32	9162.26	8036.04	-7609.53	2803.97	15.00	9.31	0.00	8109.69	159.77	Imp Svys
1096	17148.00	89.38	167.23	9162.42	8051.04	-7624.16	2807.28	15.00	0.64	0.00	8124.56	159.79	Imp Svys
1097	17163.00	89.31	167.14	9162.59	8066.04	-7638.78	2810.60	15.00	0.78	0.00	8139.44	159.80	Imp Svys
1098	17178.00	89.24	167.06	9162.78	8081.04	-7653.40	2813.95	15.00	0.72	168.80	8154.32	159.81	MWD Run 3
1099	17191.00	89.19	167.02	9162.96	8094.03	-7666.07	2816.87	13.00	0.44	0.00	8167.21	159.82	Imp Svys
1100	17204.00	89.15	167.01	9163.14	8107.03	-7678.74	2819.79	13.00	0.31	0.00	8180.11	159.84	Imp Svys
1101	17217.00	89.12	167.02	9163.34	8120.03	-7691.40	2822.71	13.00	0.27	0.00	8193.01	159.85	Imp Svys
1102	17230.00	89.09	167.03	9163.54	8133.03	-7704.07	2825.63	13.00	0.26	0.00	8205.90	159.86	Imp Svys
1103	17243.00	89.06	167.05	9163.75	8146.03	-7716.74	2828.54	13.00	0.26	0.00	8218.80	159.87	Imp Svys
1104	17256.00	89.03	167.07	9163.97	8159.02	-7729.40	2831.45	13.00	0.26	0.00	8231.70	159.88	Imp Svys
1105	17269.00	88.04	166.38	9164.30	8172.02	-7742.05	2834.44	13.00	9.27	165.20	8244.60	159.89	MWD Run 3
1106	17283.00	87.42	166.14	9164.86	8186.00	-7755.64	2837.76	14.00	4.81	0.00	8258.50	159.90	Imp Svys
1107	17297.00	87.39	166.17	9165.49	8199.99	-7769.22	2841.11	14.00	0.32	0.00	8272.40	159.91	Imp Svys
1108	17311.00	87.35	166.20	9166.13	8213.97	-7782.80	2844.45	14.00	0.37	0.00	8286.31	159.92	Imp Svys
1109	17325.00	87.29	166.23	9166.79	8227.95	-7796.38	2847.78	14.00	0.46	0.00	8300.21	159.93	Imp Svys
1110	17339.00	87.21	166.25	9167.46	8241.93	-7809.96	2851.11	14.00	0.60	0.00	8314.11	159.94	Imp Svys
1111	17353.00	87.57	166.31	9168.10	8255.91	-7823.55	2854.42	14.00	2.59	161.60	8328.01	159.96	MWD Run 4
1112	17368.00	89.31	166.51	9168.51	8270.90	-7838.12	2857.95	15.00	11.71	0.00	8342.90	159.97	Imp Svys
1113	17383.00	89.33	166.52	9168.69	8285.90	-7852.71	2861.44	15.00	0.16	0.00	8357.81	159.98	Imp Svys
1114	17398.00	88.99	166.47	9168.91	8300.90	-7867.29	2864.95	15.00	2.32	0.00	8372.71	159.99	Imp Svys
1115	17413.00	88.65	166.42	9169.21	8315.89	-7881.87	2868.46	15.00	2.32	0.00	8387.61	160.00	Imp Svys
1116	17428.00	88.36	166.38	9169.61	8330.88	-7896.45	2871.99	15.00	1.94	0.00	8402.51	160.01	Imp Svys
1117	17443.00	88.19	166.38	9170.06	8345.87	-7911.02	2875.52	15.00	1.13	163.40	8417.41	160.02	MWD Run 4
1118	17458.00	88.68	166.34	9170.47	8360.86	-7925.59	2879.05	15.00	3.31	0.00	8432.31	160.04	Imp Svys
1119	17473.00	90.12	166.22	9170.63	8375.86	-7940.16	2882.61	15.00	9.60	0.00	8447.22	160.05	Imp Svys
1120	17488.00	90.43	166.34	9170.56	8390.86	-7954.73	2886.17	15.00	2.26	0.00	8462.14	160.06	Imp Svys
1121	17503.00	90.82	166.47	9170.39	8405.85	-7969.31	2889.69	15.00	2.72	0.00	8477.04	160.07	Imp Svys
1122	17518.00	91.21	166.60	9170.13	8420.85	-7983.90	2893.19	15.00	2.74	0.00	8491.95	160.08	Imp Svys
1123	17533.00	91.54	166.70	9169.77	8435.84	-7998.49	2896.65	15.00	2.31	165.20	8506.84	160.09	MWD Run 4
1124	17548.00	91.73	166.75	9169.34	8450.83	-8013.08	2900.09	15.00	1.28	0.00	8521.74	160.10	Imp Svys
1125	17563.00	91.83	166.75	9168.87	8465.82	-8027.67	2903.53	15.00	0.70	0.00	8536.63	160.12	Imp Svys
1126	17578.00	91.89	166.74	9168.39	8480.82	-8042.27	2906.96	15.00	0.38	0.00	8551.52	160.13	Imp Svys
1127	17593.00	91.92	166.71	9167.89	8495.81	-8056.86	2910.41	15.00	0.26	0.00	8566.41	160.14	Imp Svys
1128	17608.00	91.94	166.69	9167.38	8510.80	-8071.45	2913.86	15.00	0.23	0.00	8581.31	160.15	Imp Svys
1129	17623.00	91.98	166.67	9166.87	8525.79	-8086.04	2917.31	15.00	0.26	167.00	8596.20	160.16	MWD Run 4
1130	17638.00	92.04	166.67	9166.34	8540.77	-8100.62	2920.77	15.00	0.44	0.00	8611.10	160.17	Imp Svys
1131	17653.00	92.13	166.67	9165.80	8555.76	-8115.21	2924.22	15.00	0.56	0.00	8625.99	160.18	Imp Svys
1132	17668.00	92.22	166.68	9165.23	8570.75	-8129.79	2927.68	15.00	0.62	0.00	8640.88	160.20	Imp Svys
1133	17683.00	92.32	166.69	9164.63	8585.74	-8144.38	2931.13	15.00	0.65	0.00	8655.77	160.21	Imp Svys
1134	17698.00	92.41	166.68	9164.01	8600.72	-8158.96	2934.58	15.00	0.65	0.00	8670.67	160.22	Imp Svys
1135	17713.00	92.51	166.66	9163.37	8615.71	-8173.55	2938.04	15.00	0.64	167.00	8685.56	160.23	MWD Run 4
1136	17726.00	92.58	166.62	9162.79	8628.69	-8186.18	2941.04	13.00	0.66	0.00	8698.46	160.24	Imp Svys

1137	17739.00	92.65	166.56	9162.20	8641.68	-8198.81	2944.05	13.00	0.68	0.00	8711.37	160.25	Imp Svys
1138	17752.00	92.71	166.50	9161.59	8654.66	-8211.44	2947.07	13.00	0.69	0.00	8724.28	160.26	Imp Svys
1139	17765.00	92.77	166.43	9160.97	8667.65	-8224.07	2950.11	13.00	0.67	0.00	8737.19	160.27	Imp Svys
1140	17778.00	92.82	166.36	9160.34	8680.63	-8236.69	2953.17	13.00	0.63	0.00	8750.10	160.28	Imp Svys
1141	17791.00	92.24	166.92	9159.76	8693.61	-8249.32	2956.17	13.00	6.15	0.00	8763.01	160.28	Imp Svys
1142	17804.00	91.48	167.67	9159.34	8706.61	-8262.00	2959.03	13.00	8.26	167.00	8775.90	160.30	MWD Run 4
1143	17818.83	91.49	167.62	9158.96	8721.43	-8276.48	2962.20	14.83	0.39	0.00	8790.61	160.31	Imp Svys
1144	17833.67	91.49	167.56	9158.57	8736.26	-8290.97	2965.38	14.83	0.36	0.00	8805.32	160.32	Imp Svys
1145	17848.50	91.49	167.51	9158.18	8751.09	-8305.44	2968.58	14.83	0.34	0.00	8820.03	160.33	Imp Svys
1146	17863.33	91.46	167.47	9157.80	8765.92	-8319.92	2971.80	14.83	0.34	0.00	8834.74	160.34	Imp Svys
1147	17878.17	91.43	167.43	9157.43	8780.75	-8334.39	2975.02	14.83	0.37	0.00	8849.46	160.36	Imp Svys
1148	17893.00	91.37	167.39	9157.06	8795.58	-8348.87	2978.25	14.83	0.44	168.80	8864.17	160.37	MWD Run 4
1149	17906.00	91.29	167.38	9156.76	8808.57	-8361.55	2981.09	13.00	0.64	0.00	8877.07	160.38	Imp Svys
1150	17919.00	91.20	167.36	9156.48	8821.57	-8374.23	2983.93	13.00	0.73	0.00	8889.97	160.39	Imp Svys
1151	17932.00	91.10	167.35	9156.22	8834.57	-8386.91	2986.78	13.00	0.77	0.00	8902.87	160.40	Imp Svys
1152	17945.00	91.00	167.35	9155.98	8847.57	-8399.60	2989.62	13.00	0.75	0.00	8915.78	160.41	Imp Svys
1153	17958.00	90.91	167.35	9155.77	8860.56	-8412.28	2992.47	13.00	0.67	0.00	8928.68	160.42	Imp Svys
1154	17971.00	90.51	168.07	9155.60	8873.56	-8424.98	2995.24	13.00	6.42	0.00	8941.57	160.43	Imp Svys
1155	17984.00	90.01	169.01	9155.55	8886.56	-8437.72	2997.82	13.00	8.14	168.80	8954.44	160.44	MWD Run 4
1156	17999.00	89.99	169.03	9155.55	8901.55	-8452.45	3000.68	15.00	0.21	0.00	8969.28	160.45	Imp Svys
1157	18014.00	89.98	169.04	9155.55	8916.55	-8467.17	3003.53	15.00	0.14	0.00	8984.11	160.47	Imp Svys
1158	18029.00	89.98	169.07	9155.56	8931.54	-8481.90	3006.38	15.00	0.14	0.00	8998.94	160.48	Imp Svys
1159	18044.00	90.00	169.08	9155.56	8946.54	-8496.63	3009.22	15.00	0.18	0.00	9013.77	160.50	Imp Svys
1160	18059.00	90.04	169.10	9155.55	8961.53	-8511.36	3012.06	15.00	0.26	0.00	9028.60	160.51	Imp Svys
1161	18074.00	90.10	169.10	9155.54	8976.53	-8526.09	3014.89	15.00	0.38	170.60	9043.44	160.53	MWD Run 4
1162	18089.00	90.18	169.09	9155.50	8991.52	-8540.82	3017.73	15.00	0.60	0.00	9058.27	160.54	Imp Svys
1163	18104.00	90.29	169.07	9155.44	9006.51	-8555.54	3020.57	15.00	0.71	0.00	9073.10	160.55	Imp Svys
1164	18119.00	90.40	169.04	9155.35	9021.51	-8570.27	3023.42	15.00	0.75	0.00	9087.94	160.57	Imp Svys
1165	18134.00	90.50	169.00	9155.23	9036.50	-8585.00	3026.28	15.00	0.72	0.00	9102.78	160.58	Imp Svys
1166	18149.00	90.57	168.95	9155.09	9051.50	-8599.72	3029.15	15.00	0.62	0.00	9117.61	160.60	Imp Svys
1167	18164.00	90.61	168.89	9154.93	9066.49	-8614.44	3032.03	15.00	0.48	170.60	9132.46	160.61	MWD Run 4
1168	18179.00	90.58	168.81	9154.78	9081.49	-8629.15	3034.94	15.00	0.56	0.00	9147.30	160.62	Imp Svys
1169	18194.00	90.51	168.72	9154.63	9096.48	-8643.86	3037.86	15.00	0.72	0.00	9162.15	160.64	Imp Svys
1170	18209.00	90.44	168.64	9154.51	9111.48	-8658.57	3040.80	15.00	0.78	0.00	9177.00	160.65	Imp Svys
1171	18224.00	90.36	168.56	9154.41	9126.48	-8673.28	3043.77	15.00	0.71	0.00	9191.86	160.66	Imp Svys
1172	18239.00	89.84	168.35	9154.38	9141.47	-8687.97	3046.77	15.00	3.75	0.00	9206.72	160.67	Imp Svys
1173	18254.00	88.74	167.99	9154.57	9156.47	-8702.65	3049.84	15.00	7.76	170.60	9221.59	160.69	MWD Run 4
1174	18267.00	88.79	167.97	9154.85	9169.47	-8715.36	3052.55	13.00	0.47	0.00	9234.48	160.70	Imp Svys
1175	18280.00	88.88	167.96	9155.11	9182.47	-8728.08	3055.26	13.00	0.68	0.00	9247.37	160.71	Imp Svys
1176	18293.00	88.99	167.96	9155.35	9195.46	-8740.79	3057.97	13.00	0.85	0.00	9260.27	160.72	Imp Svys
1177	18306.00	89.12	167.97	9155.56	9208.46	-8753.50	3060.68	13.00	0.98	0.00	9273.16	160.73	Imp Svys
1178	18319.00	89.26	167.97	9155.75	9221.46	-8766.21	3063.39	13.00	1.09	0.00	9286.06	160.74	Imp Svys
1179	18332.00	89.42	167.97	9155.90	9234.46	-8778.93	3066.10	13.00	1.19	0.00	9298.95	160.75	Imp Svys
1180	18345.00	89.59	167.96	9156.01	9247.46	-8791.64	3068.81	13.00	1.31	170.60	9311.85	160.76	MWD Run 4
1181	18360.00	89.80	167.93	9156.09	9262.46	-8806.31	3071.94	15.00	1.44	0.00	9326.73	160.77	Imp Svys
1182	18375.00	90.02	167.88	9156.11	9277.46	-8820.98	3075.09	15.00	1.49	0.00	9341.62	160.78	Imp Svys
1183	18390.00	90.23	167.83	9156.08	9292.45	-8835.64	3078.24	15.00	1.44	0.00	9356.50	160.79	Imp Svys
1184	18405.00	90.41	167.76	9156.00	9307.45	-8850.30	3081.41	15.00	1.28	0.00	9371.39	160.80	Imp Svys
1185	18420.00	90.54	167.69	9155.87	9322.45	-8864.96	3084.60	15.00	1.01	0.00	9386.28	160.81	Imp Svys
1186	18435.00	90.59	167.59	9155.72	9337.45	-8879.61	3087.81	15.00	0.70	172.40	9401.17	160.83	MWD Run 4
1187	18449.83	90.50	167.48	9155.58	9352.29	-8894.09	3091.01	14.83	1.00	0.00	9415.90	160.84	Imp Svys
1188	18464.67	90.33	167.35	9155.47	9367.12	-8908.57	3094.24	14.83	1.41	0.00	9430.64	160.85	Imp Svys
1189	18479.50	90.13	167.22	9155.41	9381.95	-8923.04	3097.51	14.83	1.60	0.00	9445.38	160.86	Imp Svys
1190	18494.33	89.93	167.10	9155.41	9396.78	-8937.50	3100.80	14.83	1.57	0.00	9460.12	160.87	Imp Svys
1191	18509.17	89.68	166.98	9155.46	9411.62	-8951.96	3104.13	14.83	1.92	0.00	9474.87	160.88	Imp Svys
1192	18524.00	88.60	166.70	9155.68	9426.45	-8966.40	3107.51	14.83	7.51	170.60	9489.62	160.89	MWD Run 4
1193	18539.00	88.57	166.67	9156.05	9441.44	-8980.99	3110.96	15.00	0.29	0.00	9504.54	160.89	Imp Svys
1194	18554.00	88.59	166.65	9156.42	9456.44	-8995.58	3114.42	15.00	0.16	0.00	9519.46	160.90	Imp Svys
1195	18569.00	88.63	166.65	9156.78	9471.43	-9010.17	3117.88	15.00	0.25	0.00	9534.38	160.91	Imp Svys
1196	18584.00	88.67	166.65	9157.14	9486.42	-9024.76	3121.35	15.00	0.29	0.00	9549.30	160.92	Imp Svys
1197	18599.00	88.71	166.66	9157.48	9501.42	-9039.36	3124.81	15.00	0.23	0.00	9564.22	160.93	Imp Svys
1198	18614.00	88.71	166.67	9157.82	9516.41	-9053.95	3128.27	15.00	0.08	170.60	9579.14	160.94	MWD Run 4
1199	18629.00	88.66	166.68	9158.16	9531.41	-9068.54	3131.72	15.00	0.33	0.00	9594.07	160.95	Imp Svys
1200	18644.00	88.60	166.68	9158.52	9546.40	-9083.13	3135.18	15.00	0.46	0.00	9608.99	160.96	Imp Svys
1201	18659.00	88.53	166.69	9158.90	9561.40	-9097.72	3138.63	15.00	0.42	0.00	9623.91	160.97	Imp Svys
1202	18674.00	88.50	166.71	9159.28	9576.39	-9112.32	3142.08	15.00	0.23	0.00	9638.83	160.97	Imp Svys
1203	18689.00	88.54	166.73	9159.67	9591.38	-9126.91	3145.53	15.00	0.27	0.00	9653.75	160.98	Imp Svys
1204	18704.00	88.68	166.76	9160.04	9606.38	-9141.51	3148.96	15.00	0.97	174.20	9668.67	160.99	MWD Run 4

1205	18717.00	88.97	166.81	9160.30	9619.37	-9154.16	3151.93	13.00	2.27	0.00	9681.60	161.00	Imp Svys
1206	18730.00	89.34	166.87	9160.50	9632.37	-9166.82	3154.89	13.00	2.92	0.00	9694.53	161.01	Imp Svys
1207	18743.00	89.76	166.93	9160.60	9645.37	-9179.48	3157.84	13.00	3.26	0.00	9707.46	161.02	Imp Svys
1208	18756.00	90.19	166.99	9160.60	9658.37	-9192.14	3160.77	13.00	3.34	0.00	9720.39	161.02	Imp Svys
1209	18769.00	90.60	167.05	9160.51	9671.37	-9204.81	3163.69	13.00	3.18	0.00	9733.32	161.03	Imp Svys
1210	18782.00	91.58	167.75	9160.26	9684.37	-9217.50	3166.53	13.00	9.30	0.00	9746.24	161.04	Imp Svys
1211	18795.00	91.97	167.86	9159.86	9697.36	-9230.20	3169.27	13.00	3.08	174.20	9759.14	161.05	MWD Run 4
1212	18810.00	92.20	167.89	9159.32	9712.35	-9244.85	3172.42	15.00	1.55	0.00	9774.02	161.06	Imp Svys
1213	18825.00	92.35	167.90	9158.72	9727.34	-9259.51	3175.56	15.00	1.02	0.00	9788.90	161.07	Imp Svys
1214	18840.00	92.45	167.91	9158.09	9742.32	-9274.16	3178.70	15.00	0.68	0.00	9803.78	161.08	Imp Svys
1215	18855.00	92.52	167.91	9157.44	9757.31	-9288.81	3181.84	15.00	0.45	0.00	9818.66	161.09	Imp Svys
1216	18870.00	91.24	168.26	9156.95	9772.30	-9303.48	3184.93	15.00	8.84	0.00	9833.54	161.10	Imp Svys
1217	18885.00	91.14	168.29	9156.64	9787.29	-9318.17	3187.98	15.00	0.74	174.20	9848.42	161.11	MWD Run 4
1218	18900.00	91.14	168.27	9156.34	9802.29	-9332.85	3191.03	15.00	0.08	0.00	9863.30	161.12	Imp Svys
1219	18915.00	91.13	168.26	9156.04	9817.29	-9347.54	3194.08	15.00	0.10	0.00	9878.19	161.13	Imp Svys
1220	18930.00	91.11	168.25	9155.75	9832.28	-9362.22	3197.13	15.00	0.12	0.00	9893.07	161.15	Imp Svys
1221	18945.00	91.10	168.24	9155.46	9847.28	-9376.90	3200.18	15.00	0.11	0.00	9907.95	161.16	Imp Svys
1222	18960.00	90.60	168.19	9155.24	9862.27	-9391.58	3203.25	15.00	3.39	0.00	9922.83	161.17	Imp Svys
1223	18975.00	89.98	168.13	9155.16	9877.27	-9406.26	3206.33	15.00	4.14	174.20	9937.72	161.18	MWD Run 4
1224	18990.00	90.00	168.14	9155.16	9892.27	-9420.94	3209.41	15.00	0.21	0.00	9952.61	161.19	Imp Svys
1225	19005.00	90.04	168.16	9155.16	9907.27	-9435.62	3212.49	15.00	0.28	0.00	9967.50	161.20	Imp Svys
1226	19020.00	90.08	168.19	9155.14	9922.27	-9450.31	3215.57	15.00	0.31	0.00	9982.39	161.21	Imp Svys
1227	19035.00	90.12	168.21	9155.12	9937.27	-9464.99	3218.63	15.00	0.31	0.00	9997.28	161.22	Imp Svys
1228	19050.00	90.15	168.24	9155.08	9952.27	-9479.67	3221.69	15.00	0.27	0.00	10012.17	161.23	Imp Svys
1229	19065.00	89.17	168.27	9155.17	9967.27	-9494.36	3224.75	15.00	6.58	174.20	10027.05	161.24	MWD Run 4
1230	19078.00	89.17	168.28	9155.36	9980.26	-9507.09	3227.39	13.00	0.09	0.00	10039.96	161.25	Imp Svys
1231	19091.00	89.17	168.29	9155.55	9993.26	-9519.81	3230.03	13.00	0.08	0.00	10052.86	161.26	Imp Svys
1232	19104.00	89.16	168.30	9155.74	10006.26	-9532.54	3232.67	13.00	0.09	0.00	10065.76	161.27	Imp Svys
1233	19117.00	89.15	168.30	9155.93	10019.26	-9545.27	3235.30	13.00	0.09	0.00	10078.66	161.28	Imp Svys
1234	19130.00	89.14	168.31	9156.12	10032.25	-9558.00	3237.94	13.00	0.07	0.00	10091.56	161.29	Imp Svys
1235	19143.00	89.14	168.31	9156.32	10045.25	-9570.73	3240.57	13.00	0.03	0.00	10104.46	161.29	Imp Svys
1236	19156.00	89.15	168.31	9156.51	10058.25	-9583.46	3243.21	13.00	0.07	176.00	10117.36	161.30	MWD Run 4
1237	19171.00	89.18	168.31	9156.73	10073.24	-9598.14	3246.24	15.00	0.21	0.00	10132.25	161.31	Imp Svys
1238	19186.00	89.22	168.32	9156.94	10088.24	-9612.83	3249.28	15.00	0.31	0.00	10147.14	161.32	Imp Svys
1239	19201.00	89.28	168.32	9157.14	10103.24	-9627.52	3252.32	15.00	0.39	0.00	10162.02	161.33	Imp Svys
1240	19216.00	89.35	168.32	9157.32	10118.24	-9642.21	3255.35	15.00	0.47	0.00	10176.91	161.34	Imp Svys
1241	19231.00	89.43	168.32	9157.48	10133.23	-9656.90	3258.39	15.00	0.55	0.00	10191.80	161.35	Imp Svys
1242	19246.00	89.53	168.32	9157.61	10148.23	-9671.58	3261.43	15.00	0.65	176.00	10206.69	161.36	MWD Run 4
1243	19261.00	89.65	168.32	9157.72	10163.23	-9686.27	3264.47	15.00	0.82	0.00	10221.58	161.38	Imp Svys
1244	19276.00	89.79	168.32	9157.79	10178.23	-9700.96	3267.50	15.00	0.90	0.00	10236.47	161.39	Imp Svys
1245	19291.00	89.93	168.31	9157.83	10193.23	-9715.65	3270.54	15.00	0.93	0.00	10251.36	161.40	Imp Svys
1246	19306.00	90.07	168.30	9157.83	10208.23	-9730.34	3273.58	15.00	0.92	0.00	10266.25	161.41	Imp Svys
1247	19321.00	90.20	168.29	9157.79	10223.22	-9745.03	3276.63	15.00	0.87	0.00	10281.14	161.42	Imp Svys
1248	19336.00	90.31	168.26	9157.73	10238.22	-9759.71	3279.67	15.00	0.76	176.00	10296.03	161.43	MWD Run 4
1249	19349.00	90.38	168.22	9157.65	10251.22	-9772.44	3282.32	13.00	0.60	0.00	10308.94	161.43	Imp Svys
1250	19362.00	90.43	168.18	9157.56	10264.22	-9785.17	3284.98	13.00	0.53	0.00	10321.85	161.44	Imp Svys
1251	19375.00	90.47	168.13	9157.46	10277.22	-9797.89	3287.65	13.00	0.50	0.00	10334.76	161.45	Imp Svys
1252	19388.00	90.51	168.08	9157.35	10290.22	-9810.61	3290.33	13.00	0.48	0.00	10347.67	161.46	Imp Svys
1253	19401.00	90.55	168.04	9157.22	10303.22	-9823.33	3293.02	13.00	0.46	0.00	10360.59	161.47	Imp Svys
1254	19414.00	90.58	167.99	9157.10	10316.21	-9836.04	3295.72	13.00	0.44	0.00	10373.50	161.48	Imp Svys
1255	19427.00	90.62	167.95	9156.96	10329.21	-9848.76	3298.43	13.00	0.41	177.80	10386.42	161.48	MWD Run 4
1256	19442.00	90.67	167.92	9156.79	10344.21	-9863.43	3301.56	15.00	0.39	0.00	10401.32	161.49	Imp Svys
1257	19457.00	90.72	167.90	9156.61	10359.21	-9878.09	3304.70	15.00	0.37	0.00	10416.23	161.50	Imp Svys
1258	19472.00	90.77	167.88	9156.41	10374.21	-9892.76	3307.85	15.00	0.33	0.00	10431.13	161.51	Imp Svys
1259	19487.00	90.80	167.85	9156.21	10389.21	-9907.42	3311.00	15.00	0.26	0.00	10446.04	161.52	Imp Svys
1260	19502.00	90.38	167.77	9156.05	10404.21	-9922.08	3314.17	15.00	2.86	0.00	10460.95	161.53	Imp Svys
1261	19517.00	89.94	167.68	9156.01	10419.21	-9936.74	3317.36	15.00	3.01	174.20	10475.86	161.54	MWD Run 4
1262	19532.00	89.85	167.61	9156.04	10434.21	-9951.39	3320.57	15.00	0.72	0.00	10490.78	161.55	Imp Svys
1263	19547.00	89.73	167.53	9156.10	10449.21	-9966.04	3323.80	15.00	0.94	0.00	10505.69	161.56	Imp Svys
1264	19562.00	89.60	167.45	9156.18	10464.21	-9980.68	3327.05	15.00	1.04	0.00	10520.61	161.56	Imp Svys
1265	19577.00	89.48	167.35	9156.30	10479.21	-9995.32	3330.32	15.00	1.04	0.00	10535.53	161.57	Imp Svys
1266	19592.00	89.38	167.25	9156.45	10494.20	-10009.95	3333.62	15.00	0.97	0.00	10550.46	161.58	Imp Svys
1267	19607.00	89.32	167.13	9156.63	10509.20	-10024.58	3336.94	15.00	0.85	176.00	10565.39	161.59	MWD Run 4
1268	19622.00	89.33	167.01	9156.80	10524.20	-10039.20	3340.30	15.00	0.85	0.00	10580.32	161.60	Imp Svys
1269	19637.00	89.40	166.88	9156.97	10539.20	-10053.81	3343.69	15.00	0.97	0.00	10595.25	161.60	Imp Svys
1270	19652.00	89.50	166.76	9157.11	10554.20	-10068.41	3347.11	15.00	1.06	0.00	10610.19	161.61	Imp Svys
1271	19667.00	89.64	166.65	9157.22	10569.20	-10083.01	3350.56	15.00	1.12	0.00	10625.13	161.62	Imp Svys
1272	19682.00	89.80	166.58	9157.30	10584.19	-10097.60	3354.03	15.00	1.18	0.00	10640.07	161.63	Imp Svys

1273	19697.00	90.00	166.57	9157.32	10599.19	-10112.19	3357.51	15.00	1.31	176.00	10655.01	161.63	MWD Run 4
1274	19710.00	90.21	166.64	9157.30	10612.19	-10124.84	3360.52	13.00	1.75	0.00	10667.97	161.64	Imp Svys
1275	19723.00	90.45	166.76	9157.22	10625.19	-10137.49	3363.51	13.00	2.03	0.00	10680.91	161.64	Imp Svys
1276	19736.00	90.70	166.90	9157.09	10638.19	-10150.15	3366.47	13.00	2.20	0.00	10693.86	161.65	Imp Svys
1277	19749.00	90.95	167.05	9156.91	10651.19	-10162.81	3369.40	13.00	2.24	0.00	10706.80	161.66	Imp Svys
1278	19762.00	91.19	167.20	9156.66	10664.18	-10175.48	3372.30	13.00	2.17	0.00	10719.74	161.66	Imp Svys
1279	19775.00	91.41	167.33	9156.37	10677.18	-10188.16	3375.16	13.00	1.96	0.00	10732.68	161.67	Imp Svys
1280	19788.00	91.59	167.43	9156.03	10690.18	-10200.84	3378.00	13.00	1.60	177.80	10745.61	161.68	MWD Run 4
1281	19803.00	91.73	167.47	9155.60	10705.17	-10215.48	3381.26	15.00	0.98	0.00	10760.53	161.69	Imp Svys
1282	19818.00	91.83	167.47	9155.13	10720.16	-10230.11	3384.51	15.00	0.63	0.00	10775.44	161.69	Imp Svys
1283	19833.00	91.89	167.44	9154.64	10735.15	-10244.75	3387.77	15.00	0.50	0.00	10790.36	161.70	Imp Svys
1284	19848.00	91.95	167.40	9154.14	10750.15	-10259.38	3391.03	15.00	0.48	0.00	10805.28	161.71	Imp Svys
1285	19863.00	92.01	167.35	9153.62	10765.14	-10274.01	3394.31	15.00	0.50	0.00	10820.19	161.72	Imp Svys
1286	19878.00	92.08	167.31	9153.09	10780.13	-10288.63	3397.60	15.00	0.55	176.00	10835.11	161.73	MWD Run 4
1287	19893.00	92.18	167.29	9152.53	10795.12	-10303.26	3400.89	15.00	0.69	0.00	10850.03	161.73	Imp Svys
1288	19908.00	92.30	167.27	9151.94	10810.10	-10317.88	3404.19	15.00	0.78	0.00	10864.95	161.74	Imp Svys
1289	19923.00	92.42	167.26	9151.32	10825.09	-10332.50	3407.50	15.00	0.85	0.00	10879.87	161.75	Imp Svys
1290	19938.00	92.56	167.25	9150.67	10840.08	-10347.11	3410.80	15.00	0.89	0.00	10894.78	161.76	Imp Svys
1291	19953.00	92.69	167.24	9149.99	10855.06	-10361.73	3414.11	15.00	0.91	0.00	10909.70	161.76	Imp Svys
1292	19968.00	92.83	167.23	9149.26	10870.04	-10376.34	3417.42	15.00	0.92	177.80	10924.61	161.77	MWD Run 4
1293	19983.00	92.97	167.22	9148.50	10885.02	-10390.95	3420.74	15.00	0.92	0.00	10939.53	161.78	Imp Svys
1294	19998.00	93.10	167.21	9147.71	10900.00	-10405.56	3424.05	15.00	0.91	0.00	10954.44	161.79	Imp Svys
1295	20013.00	93.24	167.19	9146.88	10914.98	-10420.16	3427.37	15.00	0.90	0.00	10969.35	161.79	Imp Svys
1296	20028.00	93.37	167.18	9146.02	10929.96	-10434.76	3430.69	15.00	0.89	0.00	10984.26	161.80	Imp Svys
1297	20043.00	93.50	167.17	9145.12	10944.93	-10449.36	3434.01	15.00	0.86	0.00	10999.17	161.81	Imp Svys
1298	20058.00	93.63	167.16	9144.18	10959.90	-10463.96	3437.34	15.00	0.83	177.80	11014.07	161.82	MWD Run 4
1299	20066.50	93.69	167.16	9143.64	10968.38	-10472.23	3439.22	8.50	0.82	0.00	11022.52	161.82	Imp Svys
1300	20075.00	93.76	167.16	9143.09	10976.86	-10480.50	3441.11	8.50	0.77	176.00	11030.96	161.82	MWD Run 4
1301	20090.00	93.84	167.16	9142.10	10991.83	-10495.09	3444.43	15.00	0.52	0.00	11045.86	161.83	Imp Svys
1302	20105.00	93.91	167.15	9141.08	11006.80	-10509.68	3447.76	15.00	0.48	0.00	11060.77	161.84	Imp Svys
1303	20120.00	93.98	167.15	9140.05	11021.76	-10524.27	3451.09	15.00	0.47	0.00	11075.67	161.84	Imp Svys
1304	20135.00	94.05	167.14	9139.00	11036.72	-10538.86	3454.42	15.00	0.45	0.00	11090.57	161.85	PTB



**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 31, 2021 through November 15, 2021 conduct  
or supervise the taking of a MWD survey from a depth of 1,869 feet to a depth of  
20,135 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 K 4JM Well, A.P.I. No. 42-003-48403 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