



Final MWD Survey Certification

Eddy County, New Mexico

Client: Devon Energy

Well Name: Maldives 15-27 Fed State Com 236H

Total Job No: SW-200382

API No: 3001547062

Start Date: July 18, 2020

End Date: September 8, 2020

Measured Start Depth: 0 feet

Measured End Depth: 25817 feet

I, Blair Kenzle, certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: September 8, 2020

Signed: *Blair Kenzle*

SVY	Depth	Inc	Azm	TVD	NS	EW	VS	DLS
Tiein	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	199.00	0.70	101.30	199.00	-0.24	1.19	0.24	0.35
2	309.00	0.80	96.90	308.99	-0.46	2.61	0.48	0.10
3	404.00	0.80	102.40	403.98	-0.68	3.92	0.71	0.08
4	499.00	0.80	100.30	498.97	-0.95	5.22	0.97	0.03
5	595.00	0.70	98.90	594.96	-1.16	6.46	1.19	0.11
6	682.00	0.60	94.80	681.95	-1.28	7.44	1.32	0.13
7	801.00	0.50	142.80	800.95	-1.74	8.37	1.79	0.38
8	895.00	0.50	169.50	894.94	-2.47	8.69	2.52	0.25
9	989.00	0.50	171.60	988.94	-3.28	8.83	3.33	0.02
10	1084.00	0.30	197.50	1083.94	-3.93	8.82	3.98	0.28
11	1178.00	0.20	217.40	1177.94	-4.29	8.64	4.34	0.14
12	1273.00	0.20	197.90	1272.94	-4.58	8.49	4.63	0.07
13	1367.00	0.20	202.10	1366.94	-4.89	8.38	4.94	0.02
14	1461.00	0.10	162.60	1460.94	-5.12	8.34	5.17	0.15
15	1555.00	0.10	154.30	1554.94	-5.27	8.40	5.32	0.02
16	1650.00	0.60	118.90	1649.93	-5.59	8.87	5.64	0.55
17	1744.00	1.20	101.20	1743.92	-6.02	10.27	6.07	0.70
18	1840.00	2.10	91.70	1839.88	-6.26	13.01	6.34	0.98
19	1935.00	2.20	93.70	1934.82	-6.43	16.57	6.52	0.13
20	2031.00	1.80	96.20	2030.76	-6.72	19.91	6.82	0.43
21	2126.00	1.50	95.30	2125.72	-6.99	22.63	7.11	0.32
22	2221.00	2.50	93.50	2220.66	-7.23	25.94	7.37	1.05
23	2316.00	4.10	94.20	2315.50	-7.61	31.39	7.78	1.68
24	2412.00	4.30	98.80	2411.24	-8.41	38.37	8.62	0.41
25	2507.00	3.90	101.30	2506.00	-9.59	45.06	9.83	0.46
26	2603.00	3.30	99.00	2601.81	-10.66	50.99	10.94	0.64
27	2699.00	3.30	101.20	2697.65	-11.63	56.43	11.93	0.13
28	2794.00	2.80	101.90	2792.51	-12.64	61.38	12.97	0.53
29	2889.00	3.80	90.60	2887.35	-13.15	66.80	13.51	1.25
30	2985.00	4.10	83.70	2983.13	-12.81	73.39	13.20	0.58
31	3081.00	3.40	81.60	3078.92	-12.01	79.62	12.45	0.74
32	3176.00	3.20	86.80	3173.76	-11.45	85.06	11.91	0.38
33	3271.00	2.80	85.30	3268.63	-11.12	90.02	11.60	0.43
34	3367.00	2.20	89.00	3364.54	-10.89	94.19	11.40	0.65
35	3462.00	2.80	87.60	3459.45	-10.76	98.34	11.30	0.63
36	3558.00	4.10	88.50	3555.27	-10.58	104.11	11.14	1.36
37	3653.00	4.60	96.40	3650.00	-10.91	111.29	11.51	0.82
38	3748.00	4.10	97.70	3744.73	-11.79	118.44	12.43	0.54
39	3844.00	3.80	99.80	3840.50	-12.79	124.98	13.47	0.35
40	3940.00	3.60	104.20	3936.30	-14.07	131.03	14.78	0.36
41	4035.00	3.70	107.60	4031.11	-15.73	136.85	16.47	0.25
42	4130.00	3.50	107.50	4125.92	-17.53	142.53	18.30	0.21
43	4225.00	3.10	102.50	4220.76	-18.96	147.81	19.76	0.52

44	4321.00	2.50	104.00	4316.65	-20.03	152.37	20.85	0.63
45	4353.00	2.50	101.50	4348.62	-20.33	153.74	21.17	0.34
46	4424.00	2.40	100.10	4419.55	-20.90	156.72	21.75	0.16
47	4519.00	3.10	94.50	4514.44	-21.45	161.24	22.33	0.79
48	4615.00	4.30	89.20	4610.24	-21.61	167.42	22.51	1.30
49	4710.00	4.80	88.30	4704.94	-21.44	174.96	22.39	0.53
50	4806.00	4.70	88.30	4800.61	-21.20	182.90	22.19	0.10
51	4901.00	4.70	89.00	4895.29	-21.02	190.68	22.05	0.06
52	4996.00	4.80	89.90	4989.97	-20.95	198.55	22.02	0.13
53	5091.00	4.80	88.60	5084.63	-20.84	206.50	21.96	0.11
54	5187.00	4.60	88.50	5180.31	-20.64	214.36	21.80	0.21
55	5282.00	4.60	85.30	5275.00	-20.23	221.97	21.43	0.27
56	5378.00	4.30	86.00	5370.71	-19.66	229.39	20.91	0.32
57	5473.00	4.40	85.40	5465.44	-19.12	236.58	20.40	0.12
58	5568.00	4.30	87.50	5560.17	-18.68	243.77	20.00	0.20
59	5663.00	4.30	88.00	5654.90	-18.40	250.89	19.75	0.04
60	5758.00	4.30	91.80	5749.63	-18.38	258.01	19.78	0.30
61	5853.00	4.00	90.80	5844.38	-18.54	264.88	19.98	0.32
62	5949.00	3.80	89.10	5940.16	-18.54	271.41	20.01	0.24
63	6044.00	3.90	90.70	6034.95	-18.53	277.79	20.03	0.15
64	6139.00	4.00	91.90	6129.72	-18.68	284.33	20.22	0.14
65	6234.00	4.10	93.80	6224.48	-19.01	291.03	20.59	0.18
66	6330.00	4.10	92.60	6320.24	-19.40	297.88	21.01	0.09
67	6425.00	4.20	93.10	6414.99	-19.74	304.75	21.39	0.11
68	6520.00	4.00	93.70	6509.75	-20.14	311.53	21.83	0.22
69	6616.00	3.80	93.30	6605.52	-20.54	318.04	22.26	0.21
70	6711.00	3.80	94.70	6700.31	-20.98	324.32	22.73	0.10
71	6807.00	3.20	92.80	6796.13	-21.37	330.17	23.16	0.64
72	6902.00	3.30	94.40	6890.98	-21.71	335.55	23.53	0.14
73	6997.00	3.10	96.70	6985.83	-22.22	340.82	24.06	0.25
74	7093.00	3.10	96.90	7081.69	-22.83	345.98	24.71	0.01
75	7188.00	3.20	99.40	7176.55	-23.58	351.14	25.48	0.18
76	7283.00	3.20	99.80	7271.40	-24.46	356.37	26.39	0.02
77	7379.00	3.00	100.60	7367.26	-25.38	361.48	27.33	0.21
78	7474.00	2.20	104.30	7462.16	-26.29	365.69	28.26	0.86
79	7569.00	2.10	108.00	7557.10	-27.27	369.12	29.27	0.18
80	7665.00	2.00	112.30	7653.03	-28.45	372.34	30.47	0.19
81	7760.00	1.90	117.10	7747.98	-29.80	375.27	31.83	0.20
82	7856.00	1.00	119.40	7843.95	-30.94	377.42	32.98	0.94
83	7951.00	0.90	127.40	7938.93	-31.80	378.74	33.85	0.17
84	8047.00	0.90	129.90	8034.92	-32.74	379.91	34.79	0.04
85	8142.00	0.80	133.40	8129.91	-33.67	380.97	35.73	0.12
86	8238.00	0.80	149.90	8225.90	-34.71	381.79	36.78	0.24
87	8333.00	0.80	166.50	8320.89	-35.93	382.28	38.00	0.24
88	8439.00	0.60	203.30	8426.89	-37.16	382.23	39.23	0.45

89	8534.00	0.70	236.80	8521.88	-37.94	381.55	40.00	0.41
90	8630.00	2.10	268.30	8617.85	-38.31	379.30	40.36	1.61
91	8725.00	2.70	272.50	8712.77	-38.26	375.32	40.29	0.66
92	8820.00	1.80	259.90	8807.69	-38.43	371.62	40.44	1.08
93	8916.00	1.70	244.40	8903.65	-39.31	368.85	41.30	0.50
94	9011.00	2.00	232.60	8998.60	-40.92	366.26	42.90	0.51
95	9107.00	2.50	231.70	9094.53	-43.24	363.29	45.20	0.52
96	9202.00	3.20	238.50	9189.41	-45.91	359.40	47.85	0.82
97	9298.00	3.00	228.20	9285.27	-48.98	355.25	50.90	0.62
98	9393.00	3.00	228.10	9380.14	-52.30	351.54	54.20	0.01
99	9489.00	2.90	231.80	9476.01	-55.48	347.76	57.36	0.22
100	9584.00	2.20	244.90	9570.92	-57.74	344.22	59.60	0.95
101	9679.00	2.80	254.00	9665.83	-59.15	340.34	60.99	0.76
102	9775.00	4.90	222.50	9761.61	-62.82	335.32	64.63	3.03
103	9870.00	12.80	211.30	9855.41	-74.82	327.10	76.59	8.47
104	9965.00	16.60	218.20	9947.30	-94.49	313.23	96.18	4.40
105	10060.00	25.50	209.90	10035.89	-122.94	294.60	124.54	9.86
106	10156.00	37.40	188.80	10117.88	-169.98	279.74	171.49	16.73
107	10251.00	46.90	179.40	10188.30	-233.38	275.68	234.86	11.98
108	10346.00	57.30	176.80	10246.58	-308.18	278.28	309.68	11.16
109	10442.00	73.00	176.50	10286.80	-394.87	283.37	396.40	16.36
110	10537.00	80.60	177.30	10308.48	-487.16	288.36	488.71	8.04
111	10633.00	83.40	177.00	10321.84	-582.10	293.09	583.67	2.93
112	10728.00	88.90	174.90	10328.22	-676.60	299.78	678.21	6.20
113	10825.00	90.60	177.00	10328.64	-773.35	306.63	775.00	2.79
114	10920.00	90.40	178.70	10327.81	-868.28	310.20	869.94	1.80
115	11015.00	90.90	182.00	10326.73	-963.25	309.62	964.92	3.51
116	11111.00	91.40	182.50	10324.81	-1059.16	305.85	1060.80	0.74
117	11206.00	91.00	182.60	10322.82	-1154.05	301.62	1155.66	0.43
118	11302.00	89.90	182.30	10322.06	-1249.95	297.52	1251.54	1.19
119	11397.00	91.10	183.30	10321.23	-1344.83	292.88	1346.40	1.64
120	11492.00	89.10	181.50	10321.07	-1439.74	288.90	1441.28	2.83
121	11588.00	89.00	181.80	10322.66	-1535.69	286.14	1537.21	0.33
122	11683.00	89.80	182.20	10323.65	-1630.62	282.82	1632.13	0.94
123	11779.00	88.40	180.20	10325.16	-1726.58	280.81	1728.08	2.54
124	11874.00	89.80	180.40	10326.65	-1821.57	280.31	1823.06	1.49
125	11970.00	90.10	180.40	10326.74	-1917.57	279.64	1919.05	0.31
126	12065.00	89.40	180.20	10327.15	-2012.56	279.15	2014.04	0.77
127	12161.00	89.10	180.30	10328.41	-2108.55	278.73	2110.03	0.33
128	12256.00	88.30	179.80	10330.56	-2203.53	278.65	2205.00	0.99
129	12352.00	88.10	179.60	10333.58	-2299.48	279.15	2300.96	0.29
130	12447.00	88.60	179.30	10336.31	-2394.44	280.06	2395.92	0.61
131	12543.00	92.80	179.40	10335.14	-2490.40	281.15	2491.89	4.38
132	12638.00	92.00	179.10	10331.16	-2585.31	282.39	2586.80	0.90
133	12734.00	91.90	178.30	10327.90	-2681.23	284.57	2682.73	0.84

134	12829.00	88.80	177.00	10327.32	-2776.13	288.46	2777.65	3.54
135	12924.00	87.90	176.40	10330.05	-2870.93	293.93	2872.48	1.14
136	13019.00	88.60	176.50	10332.95	-2965.71	299.81	2967.29	0.74
137	13115.00	87.10	174.80	10336.56	-3061.36	307.08	3062.97	2.36
138	13210.00	93.50	176.30	10336.06	-3156.02	314.45	3157.67	6.92
139	13305.00	94.20	175.80	10329.68	-3250.58	320.98	3252.27	0.90
140	13401.00	95.00	176.60	10321.98	-3346.06	327.32	3347.78	1.18
141	13496.00	93.70	177.00	10314.77	-3440.63	332.61	3442.38	1.43
142	13592.00	92.30	178.00	10309.75	-3536.41	336.79	3538.18	1.79
143	13687.00	91.30	180.50	10306.77	-3631.34	338.03	3633.12	2.83
144	13783.00	89.80	182.70	10305.84	-3727.29	335.35	3729.05	2.77
145	13878.00	88.40	181.90	10307.34	-3822.20	331.54	3823.94	1.70
146	13973.00	89.90	181.70	10308.75	-3917.14	328.56	3918.86	1.59
147	14069.00	92.30	184.40	10306.90	-4012.97	323.45	4014.66	3.76
148	14164.00	89.50	183.00	10305.41	-4107.75	317.32	4109.41	3.30
149	14259.00	91.00	182.40	10305.00	-4202.64	312.85	4204.27	1.70
150	14355.00	90.90	182.50	10303.40	-4298.54	308.74	4300.15	0.15
151	14450.00	90.30	181.50	10302.41	-4393.47	305.43	4395.06	1.23
152	14546.00	91.00	181.50	10301.32	-4489.43	302.92	4491.01	0.73
153	14641.00	89.80	180.60	10300.66	-4584.41	301.18	4585.98	1.58
154	14737.00	89.80	179.80	10300.99	-4680.41	300.84	4681.97	0.83
155	14833.00	90.60	179.00	10300.66	-4776.40	301.85	4777.97	1.18
156	14928.00	92.00	178.70	10298.50	-4871.36	303.75	4872.93	1.51
157	15024.00	88.40	178.70	10298.17	-4967.32	305.93	4968.90	3.75
158	15119.00	89.70	178.40	10299.74	-5062.27	308.33	5063.86	1.40
159	15215.00	90.80	179.30	10299.32	-5158.25	310.26	5159.85	1.48
160	15310.00	90.70	179.70	10298.08	-5253.24	311.09	5254.84	0.43
161	15406.00	91.50	181.10	10296.24	-5349.21	310.42	5350.81	1.68
162	15502.00	88.70	179.90	10296.07	-5445.20	309.58	5446.79	3.17
163	15597.00	90.40	179.80	10296.81	-5540.19	309.83	5541.79	1.79
164	15693.00	89.80	179.90	10296.65	-5636.19	310.08	5637.79	0.63
165	15787.00	89.80	180.40	10296.98	-5730.19	309.83	5731.78	0.53
166	15882.00	88.90	181.40	10298.05	-5825.17	308.34	5826.75	1.42
167	15977.00	88.80	181.60	10299.96	-5920.12	305.86	5921.69	0.24
168	16071.00	88.30	181.50	10302.34	-6014.05	303.31	6015.61	0.54
169	16166.00	90.00	181.40	10303.75	-6109.01	300.91	6110.55	1.79
170	16260.00	90.00	180.60	10303.75	-6202.99	299.27	6204.52	0.85
171	16354.00	90.70	180.50	10303.17	-6296.99	298.37	6298.51	0.75
172	16449.00	88.30	179.70	10304.00	-6391.97	298.20	6393.49	2.66
173	16543.00	88.80	179.00	10306.38	-6485.94	299.27	6487.46	0.91
174	16638.00	88.10	178.20	10308.95	-6580.87	301.59	6582.41	1.12
175	16732.00	89.40	178.50	10311.00	-6674.81	304.29	6676.36	1.42
176	16826.00	90.00	177.40	10311.49	-6768.75	307.66	6770.31	1.33
177	16921.00	89.80	178.90	10311.66	-6863.69	310.72	6865.27	1.59
178	17015.00	90.60	179.40	10311.33	-6957.68	312.12	6959.27	1.00

179	17109.00	89.60	178.90	10311.17	-7051.67	313.51	7053.26	1.19
180	17205.00	91.10	179.10	10310.58	-7147.65	315.19	7149.25	1.58
181	17300.00	92.50	178.70	10307.60	-7242.58	317.01	7244.19	1.53
182	17395.00	92.50	178.10	10303.45	-7337.46	319.66	7339.08	0.63
183	17491.00	91.40	178.40	10300.19	-7433.35	322.59	7434.99	1.19
184	17586.00	90.60	179.20	10298.53	-7528.32	324.58	7529.96	1.19
185	17682.00	91.10	178.20	10297.10	-7624.28	326.76	7625.94	1.16
186	17778.00	90.70	179.20	10295.60	-7720.24	328.94	7721.91	1.12
187	17873.00	89.00	180.10	10295.84	-7815.24	329.52	7816.90	2.02
188	17969.00	89.90	179.50	10296.77	-7911.23	329.85	7912.90	1.13
189	18064.00	89.00	179.60	10297.68	-8006.22	330.60	8007.89	0.95
190	18160.00	88.90	179.00	10299.44	-8102.20	331.77	8103.87	0.63
191	18255.00	91.50	179.60	10299.11	-8197.18	332.93	8198.86	2.81
192	18350.00	89.60	179.60	10298.19	-8292.17	333.59	8293.85	2.00
193	18445.00	89.30	178.90	10299.11	-8387.16	334.84	8388.85	0.80
194	18540.00	89.40	178.60	10300.18	-8482.13	336.91	8483.83	0.33
195	18636.00	89.60	178.30	10301.02	-8578.09	339.51	8579.80	0.38
196	18731.00	90.20	177.90	10301.19	-8673.04	342.65	8674.76	0.76
197	18827.00	89.90	179.10	10301.10	-8769.00	345.17	8770.74	1.29
198	18922.00	89.80	180.50	10301.35	-8864.00	345.50	8865.74	1.48
199	19018.00	89.40	179.60	10302.02	-8959.99	345.42	8961.73	1.03
200	19113.00	89.30	178.60	10303.10	-9054.98	346.91	9056.72	1.06
201	19209.00	89.90	178.30	10303.77	-9150.94	349.50	9152.69	0.70
202	19305.00	91.20	178.10	10302.85	-9246.88	352.52	9248.66	1.37
203	19400.00	93.10	178.80	10299.29	-9341.78	355.09	9343.56	2.13
204	19495.00	89.50	178.50	10297.13	-9436.71	357.33	9438.51	3.80
205	19591.00	89.40	178.90	10298.05	-9532.68	359.50	9534.49	0.43
206	19686.00	88.30	180.20	10299.96	-9627.66	360.25	9629.46	1.79
207	19782.00	91.40	182.40	10300.21	-9723.61	358.07	9725.41	3.96
208	19878.00	91.20	182.40	10298.03	-9819.50	354.05	9821.28	0.21
209	19973.00	89.50	181.10	10297.45	-9914.45	351.15	9916.21	2.25
210	20069.00	90.40	180.60	10297.54	-10010.44	349.73	10012.19	1.07
211	20164.00	91.70	180.10	10295.79	-10105.42	349.15	10107.16	1.47
212	20260.00	88.90	179.90	10295.29	-10201.41	349.15	10203.15	2.92
213	20356.00	90.60	179.80	10295.71	-10297.40	349.40	10299.14	1.77
214	20451.00	91.30	181.40	10294.14	-10392.38	348.40	10394.12	1.84
215	20547.00	91.40	181.10	10291.87	-10488.33	346.31	10490.05	0.33
216	20642.00	87.70	179.30	10292.62	-10583.31	345.98	10585.03	4.33
217	20738.00	87.70	178.80	10296.47	-10679.22	347.57	10680.94	0.52
218	20833.00	90.40	179.00	10298.05	-10774.18	349.39	10775.91	2.85
219	20929.00	88.60	178.50	10298.89	-10870.15	351.49	10871.89	1.95
220	21024.00	88.40	179.00	10301.37	-10965.09	353.56	10966.85	0.57
221	21119.00	88.40	180.20	10304.02	-11060.05	354.22	11061.81	1.26
222	21215.00	90.20	180.80	10305.20	-11156.04	353.38	11157.79	1.98
223	21311.00	91.00	180.60	10304.19	-11252.02	352.21	11253.76	0.86

224	21407.00	91.80	182.10	10301.85	-11347.96	349.95	11349.69	1.77
225	21502.00	92.30	181.60	10298.45	-11442.85	346.88	11444.56	0.74
226	21598.00	91.50	180.10	10295.27	-11538.79	345.46	11540.49	1.77
227	21693.00	89.90	178.90	10294.10	-11633.77	346.29	11635.47	2.11
228	21788.00	89.20	180.50	10294.85	-11728.76	346.79	11730.47	1.84
229	21884.00	89.50	182.10	10295.94	-11824.73	344.61	11826.42	1.70
230	21979.00	88.10	181.10	10297.93	-11919.67	341.96	11921.34	1.81
231	22075.00	91.60	181.90	10298.18	-12015.62	339.45	12017.28	3.74
232	22170.00	92.20	181.60	10295.03	-12110.52	336.55	12112.17	0.71
233	22299.00	92.00	181.90	10290.30	-12239.37	332.61	12241.00	0.28
234	22395.00	89.90	181.30	10288.71	-12335.32	329.93	12336.92	2.28
235	22490.00	90.10	181.10	10288.71	-12430.30	327.94	12431.89	0.30
236	22586.00	90.00	181.00	10288.63	-12526.28	326.18	12527.86	0.15
237	22681.00	91.00	181.10	10287.80	-12621.26	324.44	12622.83	1.06
238	22776.00	89.40	179.20	10287.47	-12716.25	324.19	12717.82	2.61
239	22872.00	89.00	178.80	10288.81	-12812.23	325.87	12813.80	0.59
240	22967.00	89.10	178.70	10290.38	-12907.19	327.94	12908.78	0.15
241	23062.00	89.50	180.00	10291.54	-13002.18	329.02	13003.77	1.43
242	23157.00	89.80	180.00	10292.12	-13097.17	329.02	13098.76	0.32
243	23253.00	89.50	179.80	10292.71	-13193.17	329.18	13194.76	0.38
244	23348.00	89.30	179.60	10293.71	-13288.17	329.68	13289.76	0.30
245	23444.00	89.10	179.20	10295.05	-13384.15	330.69	13385.74	0.47
246	23539.00	90.60	179.80	10295.29	-13479.14	331.52	13480.74	1.70
247	23634.00	90.70	179.60	10294.22	-13574.14	332.01	13575.73	0.24
248	23730.00	90.80	179.70	10292.96	-13670.13	332.60	13671.73	0.15
249	23825.00	90.90	179.70	10291.55	-13765.11	333.10	13766.72	0.11
250	23920.00	90.90	179.80	10290.06	-13860.10	333.51	13861.70	0.11
251	24016.00	90.60	179.50	10288.80	-13956.09	334.10	13957.70	0.44
252	24112.00	90.10	179.40	10288.22	-14052.09	335.02	14053.69	0.53
253	24207.00	90.20	179.30	10287.97	-14147.08	336.10	14148.69	0.15
254	24303.00	90.10	179.10	10287.72	-14243.07	337.44	14244.69	0.23
255	24398.00	90.20	179.40	10287.47	-14338.06	338.68	14339.68	0.33
256	24493.00	90.00	179.20	10287.30	-14433.05	339.84	14434.68	0.30
257	24588.00	89.80	178.90	10287.47	-14528.04	341.42	14529.67	0.38
258	24684.00	89.80	179.10	10287.80	-14624.02	343.09	14625.67	0.21
259	24779.00	90.00	179.10	10287.97	-14719.01	344.58	14720.66	0.21
260	24875.00	90.10	179.00	10287.88	-14815.00	346.18	14816.66	0.15
261	24970.00	90.40	178.80	10287.47	-14909.98	348.00	14911.65	0.38
262	25065.00	90.20	178.80	10286.97	-15004.96	349.99	15006.63	0.21
263	25160.00	89.90	178.40	10286.89	-15099.93	352.31	15101.62	0.53
264	25256.00	89.90	178.30	10287.06	-15195.89	355.07	15197.59	0.10
265	25351.00	89.70	177.90	10287.39	-15290.84	358.22	15292.55	0.47
266	25447.00	89.60	177.70	10287.97	-15386.76	361.91	15388.50	0.23
267	25542.00	89.70	177.50	10288.56	-15481.68	365.89	15483.43	0.24
268	25638.00	89.80	176.90	10288.97	-15577.56	370.58	15579.34	0.63

269	25733.00	90.40	176.30	10288.81	-15672.39	376.21	15674.20	0.89
270	25765.00	90.50	176.00	10288.56	-15704.32	378.36	15706.14	0.99
PTB	25817.00	90.50	176.00	10288.10	-15756.19	381.99	15758.03	0.00