



Total Directional
Services, LLC

USA Operations

Final MWD Survey Certification

Lea County, New Mexico

Client: Devon Energy

Well Name: Chincoteague 8-5 Fed Com 231H

Total Job No: 2019-370-129

API No: 30-025-45699

Start Date: 06/10/2019

End Date: 06/26/2019

Measured Start Depth: 120 feet

Measured End Depth: 17,962 feet

Vertical Section from well center at TD: 7,739.86 feet

HOBBS OCD
JAN 06 2020
RECEIVED

I, Trey Beeson, MWD Operator, hereby 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: 06/26/2019

Signed: *Trey Beeson*

DIRECTIONAL SURVEY REPORT

Company name: Devon Energy

Start date: 6/10/2019

Well name: Chincoteague 8-5 Fed Com 231H

End date: 6/26/2019

Field: Delaware Basin, Bone Springs (Wolf Camp)

Proposed direction: 359.59

Rig: Cactus 129

Declination: 6.46

API/UWI: 30-025-45699

North Reference: Grid

State/Province: New Mexico

Latitude/Longitude: 32.145307 / -103.7025

County/Parish: Lea

KB: 3467.5

Location SWNW / 2470 FNL / 895 FWL

SVY	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
Tiein	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	
1	122.00	0.00	6.20	122.00	0.00	0.00	0.00	0.00	90.00	0.00	122.00
2	183.00	0.00	338.20	183.00	0.00	0.00	0.00	0.00	90.00	0.00	61.00
3	270.00	0.20	275.80	270.00	0.02	-0.15	0.02	0.15	275.80	0.23	87.00
4	330.00	0.10	235.10	330.00	0.00	-0.30	0.00	0.30	269.23	0.23	60.00
5	422.00	0.20	250.90	422.00	-0.10	-0.52	-0.10	0.53	258.76	0.12	92.00
6	513.00	0.00	279.70	513.00	-0.15	-0.67	-0.15	0.68	256.94	0.22	91.00
7	605.00	0.00	295.00	605.00	-0.15	-0.67	-0.15	0.68	256.94	0.00	92.00
8	697.00	0.20	75.60	697.00	-0.11	-0.51	-0.11	0.52	257.35	0.22	92.00
9	759.00	0.30	75.80	759.00	-0.05	-0.25	-0.05	0.25	259.09	0.16	62.00
10	879.00	0.60	95.90	878.99	-0.04	0.68	-0.04	0.68	92.97	0.28	120.00
11	970.00	0.70	111.40	969.99	-0.29	1.67	-0.30	1.70	99.74	0.22	91.00
12	1062.00	0.90	138.00	1061.98	-1.03	2.68	-1.05	2.87	111.01	0.45	92.00
13	1155.00	0.80	160.90	1154.97	-2.19	3.38	-2.21	4.03	122.88	0.38	93.00
14	1248.00	0.60	179.80	1247.96	-3.29	3.59	-3.31	4.87	132.43	0.33	93.00
15	1339.00	0.30	194.50	1338.96	-3.99	3.54	-4.02	5.33	138.47	0.35	91.00
16	1430.00	0.40	181.60	1429.96	-4.54	3.47	-4.57	5.71	142.63	0.14	91.00
17	1524.00	0.20	176.90	1523.96	-5.03	3.47	-5.06	6.11	145.43	0.21	94.00
18	1615.00	0.30	177.60	1614.96	-5.43	3.49	-5.45	6.45	147.29	0.11	91.00
19	1710.00	0.20	185.80	1709.96	-5.84	3.48	-5.87	6.80	149.22	0.11	95.00
20	1805.00	0.20	107.60	1804.96	-6.06	3.62	-6.08	7.06	149.13	0.27	95.00
21	1901.00	0.20	42.80	1900.95	-5.99	3.90	-6.01	7.14	146.95	0.22	96.00
22	1996.00	0.80	199.40	1995.95	-6.49	3.79	-6.52	7.51	149.73	1.04	95.00
23	2092.00	2.30	194.00	2091.91	-8.99	3.10	-9.01	9.51	160.98	1.57	96.00
24	2187.00	3.80	191.30	2186.78	-13.93	2.02	-13.94	14.07	171.74	1.59	95.00
25	2283.00	4.00	186.70	2282.55	-20.37	1.01	-20.38	20.40	177.17	0.39	96.00
26	2378.00	3.20	185.10	2377.37	-26.30	0.38	-26.31	26.31	179.16	0.85	95.00
27	2473.00	2.70	179.50	2472.24	-31.18	0.17	-31.18	31.18	179.69	0.61	95.00
28	2569.00	3.10	170.80	2568.12	-36.01	0.60	-36.01	36.01	179.04	0.62	96.00
29	2664.00	4.30	174.40	2662.92	-42.09	1.36	-42.10	42.11	178.15	1.29	95.00
30	2759.00	4.20	170.70	2757.66	-49.06	2.27	-49.08	49.12	177.35	0.31	95.00

31	2855.00	3.30	162.40	2853.45	-55.17	3.67	-55.19	55.29	176.19	1.09	96.00
32	2950.00	3.10	169.10	2948.30	-60.30	4.99	-60.33	60.50	175.27	0.45	95.00
33	3045.00	3.00	167.40	3043.17	-65.25	6.02	-65.29	65.52	174.73	0.14	95.00
34	3141.00	4.00	177.90	3138.99	-71.04	6.69	-71.09	71.36	174.62	1.23	96.00
35	3236.00	4.20	179.30	3233.75	-77.83	6.85	-77.88	78.13	174.97	0.24	95.00
36	3331.00	3.80	180.70	3328.52	-84.46	6.85	-84.51	84.74	175.36	0.43	95.00
37	3427.00	3.10	184.60	3424.34	-90.23	6.61	-90.27	90.47	175.81	0.77	96.00
38	3522.00	3.40	182.20	3519.19	-95.60	6.29	-95.65	95.81	176.23	0.35	95.00
39	3618.00	2.70	191.00	3615.05	-100.67	5.75	-100.71	100.83	176.73	0.88	96.00
40	3713.00	3.00	183.90	3709.93	-105.34	5.16	-105.38	105.47	177.20	0.49	95.00
41	3808.00	4.60	169.10	3804.72	-111.57	5.71	-111.60	111.71	177.07	1.96	95.00
42	3904.00	4.90	165.50	3900.40	-119.32	7.46	-119.37	119.55	176.42	0.44	96.00
43	3999.00	4.30	176.90	3995.09	-126.80	8.67	-126.86	127.10	176.09	1.15	95.00
44	4094.00	4.10	168.00	4089.84	-133.68	9.57	-133.74	134.02	175.91	0.72	95.00
45	4190.00	4.60	168.20	4185.56	-140.80	11.07	-140.88	141.24	175.50	0.52	96.00
46	4285.00	5.00	178.50	4280.23	-148.67	11.96	-148.75	149.15	175.40	1.00	95.00
47	4381.00	4.70	182.80	4375.88	-156.78	11.87	-156.86	157.23	175.67	0.49	96.00
48	4476.00	4.10	179.90	4470.60	-164.06	11.69	-164.14	164.48	175.92	0.67	95.00
49	4571.00	3.70	182.50	4565.38	-170.52	11.56	-170.60	170.91	176.12	0.46	95.00
50	4597.00	3.70	182.20	4591.33	-172.20	11.49	-172.28	172.58	176.18	0.07	26.00
51	4668.00	3.50	180.80	4662.19	-176.66	11.38	-176.73	177.02	176.32	0.31	71.00
52	4763.00	3.40	181.90	4757.02	-182.37	11.24	-182.45	182.72	176.47	0.13	95.00
53	4858.00	3.40	182.90	4851.85	-188.00	11.01	-188.07	188.32	176.65	0.06	95.00
54	4954.00	2.60	183.30	4947.72	-193.02	10.74	-193.09	193.32	176.82	0.83	96.00
55	5049.00	2.30	179.10	5042.63	-197.07	10.64	-197.15	197.36	176.91	0.37	95.00
56	5144.00	2.40	179.30	5137.55	-200.97	10.70	-201.04	201.25	176.95	0.11	95.00
57	5240.00	2.50	180.40	5233.46	-205.07	10.71	-205.14	205.35	177.01	0.12	96.00
58	5334.00	0.40	107.90	5327.43	-207.22	11.00	-207.30	207.52	176.96	2.56	94.00
59	5430.00	0.80	43.00	5423.43	-206.84	11.78	-206.92	207.17	176.74	0.76	96.00
60	5525.00	0.60	45.80	5518.42	-206.00	12.59	-206.09	206.39	176.50	0.21	95.00
61	5620.00	0.60	28.10	5613.41	-205.22	13.18	-205.31	205.64	176.33	0.19	95.00
62	5716.00	0.60	29.90	5709.41	-204.34	13.67	-204.43	204.80	176.17	0.02	96.00
63	5811.00	0.60	30.20	5804.40	-203.48	14.17	-203.58	203.97	176.02	0.00	95.00
64	5906.00	0.70	40.90	5899.40	-202.61	14.80	-202.71	203.15	175.82	0.17	95.00
65	6002.00	1.20	26.70	5995.38	-201.27	15.63	-201.38	201.88	175.56	0.57	96.00
66	6097.00	0.20	253.50	6090.38	-200.43	15.92	-200.54	201.06	175.46	1.42	95.00
67	6192.00	0.30	257.00	6185.38	-200.53	15.52	-200.64	201.13	175.57	0.11	95.00
68	6288.00	0.30	260.90	6281.38	-200.63	15.03	-200.73	201.19	175.72	0.02	96.00
69	6383.00	0.40	234.60	6376.37	-200.86	14.51	-200.96	201.38	175.87	0.20	95.00
70	6478.00	0.30	221.10	6471.37	-201.24	14.08	-201.33	201.73	176.00	0.14	95.00
71	6574.00	0.40	213.20	6567.37	-201.71	13.73	-201.80	202.17	176.11	0.12	96.00
72	6669.00	0.50	210.40	6662.37	-202.34	13.34	-202.43	202.78	176.23	0.11	95.00
73	6764.00	0.60	191.60	6757.36	-203.19	13.03	-203.28	203.60	176.33	0.22	95.00
74	6860.00	0.40	183.20	6853.36	-204.01	12.91	-204.10	204.42	176.38	0.22	96.00

75	6955.00	0.50	190.40	6948.36	-204.75	12.81	-204.84	205.15	176.42	0.12	95.00
76	7050.00	0.70	191.60	7043.35	-205.73	12.62	-205.81	206.12	176.49	0.21	95.00
77	7146.00	0.80	181.90	7139.34	-206.97	12.48	-207.06	207.35	176.55	0.17	96.00
78	7241.00	1.00	198.30	7234.33	-208.42	12.20	-208.51	208.78	176.65	0.34	95.00
79	7336.00	1.40	209.90	7329.31	-210.22	11.36	-210.29	210.52	176.91	0.49	95.00
80	7432.00	1.40	201.70	7425.28	-212.32	10.34	-212.39	212.57	177.21	0.21	96.00
81	7527.00	1.20	197.70	7520.26	-214.35	9.61	-214.41	214.56	177.43	0.23	95.00
82	7622.00	1.30	196.90	7615.24	-216.33	8.99	-216.39	216.51	177.62	0.11	95.00
83	7717.00	1.50	188.30	7710.21	-218.59	8.50	-218.64	218.75	177.77	0.30	95.00
84	7813.00	0.80	227.90	7806.19	-220.28	7.82	-220.33	220.42	177.97	1.06	96.00
85	7908.00	0.80	217.60	7901.18	-221.25	6.93	-221.30	221.36	178.21	0.15	95.00
86	8003.00	0.70	232.90	7996.17	-222.13	6.06	-222.17	222.21	178.44	0.23	95.00
87	8099.00	1.00	209.20	8092.16	-223.21	5.18	-223.24	223.27	178.67	0.48	96.00
88	8194.00	1.40	200.00	8187.14	-225.03	4.38	-225.05	225.07	178.88	0.47	95.00
89	8289.00	1.00	240.30	8282.12	-226.53	3.26	-226.55	226.55	179.17	0.96	95.00
90	8385.00	1.90	234.80	8378.09	-227.86	1.24	-227.86	227.86	179.69	0.95	96.00
91	8480.00	0.90	222.80	8473.06	-229.32	-0.56	-229.31	229.32	180.14	1.09	95.00
92	8576.00	1.30	358.10	8569.05	-228.78	-1.11	-228.77	228.78	180.28	2.13	96.00
93	8671.00	1.70	1.90	8664.02	-226.29	-1.10	-226.28	226.30	180.28	0.43	95.00
94	8766.00	0.20	207.90	8759.01	-225.03	-1.13	-225.02	225.04	180.29	1.98	95.00
95	8862.00	0.70	233.10	8855.00	-225.53	-1.67	-225.52	225.54	180.43	0.55	96.00
96	8957.00	1.30	269.70	8949.99	-225.89	-3.22	-225.86	225.91	180.82	0.89	95.00
97	9053.00	1.60	268.60	9045.96	-225.93	-5.64	-225.88	226.00	181.43	0.31	96.00
98	9148.00	1.70	276.00	9140.92	-225.81	-8.37	-225.75	225.97	182.12	0.25	95.00
99	9243.00	1.40	285.00	9235.88	-225.36	-10.89	-225.28	225.63	182.77	0.41	95.00
100	9339.00	1.20	286.60	9331.86	-224.77	-12.99	-224.67	225.15	183.31	0.21	96.00
101	9434.00	0.80	266.60	9426.84	-224.53	-14.61	-224.42	225.00	183.72	0.55	95.00
102	9529.00	0.80	254.50	9521.84	-224.74	-15.91	-224.62	225.31	184.05	0.18	95.00
103	9544.00	0.80	241.60	9536.83	-224.82	-16.10	-224.70	225.40	184.10	1.20	15.00
104	9624.00	0.80	25.40	9616.83	-224.58	-16.35	-224.46	225.18	184.16	1.90	80.00
105	9719.00	8.30	10.90	9711.46	-217.24	-14.77	-217.13	217.74	183.89	7.92	95.00
106	9814.00	15.40	10.00	9804.38	-198.06	-11.28	-197.97	198.38	183.26	7.48	95.00
107	9910.00	23.60	8.40	9894.80	-166.44	-6.25	-166.39	166.56	182.15	8.56	96.00
108	10005.00	31.10	10.20	9979.12	-123.42	0.89	-123.42	123.42	179.59	7.94	95.00
109	10100.00	40.10	10.30	10056.28	-69.06	10.72	-69.13	69.89	171.18	9.47	95.00
110	10196.00	49.60	7.00	10124.28	-2.19	20.73	-2.34	20.84	96.04	10.19	96.00
111	10291.00	63.10	3.70	10176.81	76.36	27.91	76.16	81.30	20.07	14.50	95.00
112	10387.00	80.30	0.20	10206.84	167.10	30.86	166.87	169.92	10.46	18.24	96.00
113	10415.00	86.20	0.50	10210.13	194.89	31.03	194.66	197.35	9.05	21.10	28.00
114	10511.00	90.60	359.30	10212.81	290.83	30.86	290.60	292.46	6.06	4.75	96.00
115	10606.00	91.00	359.20	10211.49	385.81	29.61	385.59	386.95	4.39	0.43	95.00
116	10701.00	91.20	359.30	10209.66	480.79	28.37	480.57	481.62	3.38	0.24	95.00
117	10797.00	91.30	359.30	10207.57	576.75	27.20	576.55	577.40	2.70	0.10	96.00
118	10892.00	91.40	359.30	10205.33	671.72	26.04	671.52	672.23	2.22	0.11	95.00

119	10987.00	89.50	359.00	10204.59	766.70	24.63	766.51	767.10	1.84	2.02	95.00
120	11083.00	89.90	358.90	10205.09	862.69	22.87	862.50	862.99	1.52	0.43	96.00
121	11178.00	89.90	359.00	10205.25	957.67	21.13	957.49	957.90	1.26	0.11	95.00
122	11273.00	89.60	357.80	10205.67	1052.63	18.48	#####	1052.79	1.01	1.30	95.00
123	11369.00	89.20	357.60	10206.67	1148.55	14.62	#####	1148.64	0.73	0.47	96.00
124	11464.00	88.40	358.50	10208.66	1243.47	11.39	#####	1243.52	0.52	1.27	95.00
125	11559.00	88.00	358.10	10211.65	1338.38	8.58	#####	1338.41	0.37	0.60	95.00
126	11654.00	89.90	359.60	10213.39	1433.34	6.67	#####	1433.35	0.27	2.55	95.00
127	11750.00	90.10	359.70	10213.39	1529.34	6.08	#####	1529.35	0.23	0.23	96.00
128	11845.00	89.80	359.60	10213.47	1624.33	5.50	#####	1624.34	0.19	0.33	95.00
129	11940.00	89.20	359.30	10214.30	1719.33	4.59	#####	1719.33	0.15	0.71	95.00
130	12036.00	89.20	359.70	10215.64	1815.31	3.75	#####	1815.32	0.12	0.42	96.00
131	12131.00	89.10	359.20	10217.05	1910.30	2.84	#####	1910.30	0.09	0.54	95.00
132	12226.00	90.10	359.50	10217.71	2005.29	1.76	#####	2005.29	0.05	1.10	95.00
133	12321.00	91.00	359.10	10216.80	2100.28	0.60	#####	2100.28	0.02	1.04	95.00
134	12417.00	91.20	359.30	10214.96	2196.25	-0.74	#####	2196.25	359.98	0.29	96.00
135	12512.00	90.90	359.80	10213.22	2291.23	-1.48	#####	2291.23	359.96	0.61	95.00
136	12607.00	90.80	359.70	10211.81	2386.22	-1.90	#####	2386.22	359.95	0.15	95.00
137	12703.00	90.90	0.50	10210.38	2482.21	-1.73	#####	2482.21	359.96	0.84	96.00
138	12798.00	90.00	0.80	10209.64	2577.20	-0.65	#####	2577.20	359.99	1.00	95.00
139	12893.00	89.50	2.00	10210.05	2672.16	1.67	#####	2672.17	0.04	1.37	95.00
140	12989.00	89.70	2.40	10210.72	2768.09	5.35	#####	2768.10	0.11	0.47	96.00
141	13084.00	88.90	359.80	10211.88	2863.06	7.18	#####	2863.07	0.14	2.86	95.00
142	13179.00	88.00	359.80	10214.45	2958.02	6.85	#####	2958.03	0.13	0.95	95.00
143	13275.00	88.00	359.60	10217.80	3053.96	6.34	#####	3053.97	0.12	0.21	96.00
144	13370.00	89.30	358.40	10220.04	3148.92	4.69	#####	3148.92	0.09	1.86	95.00
145	13465.00	89.40	358.50	10221.12	3243.88	2.12	#####	3243.88	0.04	0.15	95.00
146	13561.00	89.20	358.60	10222.29	3339.84	-0.31	#####	3339.84	359.99	0.23	96.00
147	13656.00	89.10	359.20	10223.70	3434.81	-2.14	#####	3434.81	359.96	0.64	95.00
148	13751.00	89.90	358.60	10224.53	3529.79	-3.96	#####	3529.79	359.94	1.05	95.00
149	13846.00	90.10	359.20	10224.53	3624.77	-5.78	#####	3624.77	359.91	0.67	95.00
150	13942.00	90.40	359.80	10224.11	3720.76	-6.62	#####	3720.77	359.90	0.70	96.00
151	14037.00	90.80	359.10	10223.12	3815.75	-7.53	#####	3815.76	359.89	0.85	95.00
152	14132.00	90.90	358.80	10221.71	3910.73	-9.27	#####	3910.74	359.86	0.33	95.00
153	14228.00	90.90	358.40	10220.20	4006.69	-11.62	#####	4006.70	359.83	0.42	96.00
154	14323.00	90.40	358.50	10219.12	4101.65	-14.19	#####	4101.67	359.80	0.54	95.00
155	14419.00	89.10	358.90	10219.54	4197.62	-16.37	#####	4197.65	359.78	1.42	96.00
156	14514.00	89.20	359.00	10220.95	4292.59	-18.11	#####	4292.63	359.76	0.15	95.00
157	14609.00	89.20	359.30	10222.28	4387.57	-19.52	#####	4387.61	359.75	0.32	95.00
158	14705.00	89.80	359.90	10223.11	4483.56	-20.19	#####	4483.61	359.74	0.88	96.00
159	14800.00	90.20	360.00	10223.11	4578.56	-20.27	#####	4578.61	359.75	0.43	95.00
160	14895.00	89.00	0.00	10223.78	4673.56	-20.27	#####	4673.60	359.75	1.26	95.00
161	14991.00	89.10	0.30	10225.37	4769.55	-20.02	#####	4769.59	359.76	0.33	96.00
162	15086.00	89.30	0.20	10226.69	4864.54	-19.60	#####	4864.58	359.77	0.24	95.00

163	15182.00	89.10	359.70	10228.04	4960.53	-19.69	#####	4960.57	359.77	0.56	96.00
164	15277.00	89.30	0.30	10229.36	5055.52	-19.69	#####	5055.56	359.78	0.67	95.00
165	15372.00	89.20	360.00	10230.61	5150.51	-19.44	#####	5150.55	359.78	0.33	95.00
166	15467.00	88.80	0.40	10232.26	5245.49	-19.11	#####	5245.53	359.79	0.60	95.00
167	15563.00	88.80	0.70	10234.27	5341.47	-18.19	#####	5341.50	359.80	0.31	96.00
168	15658.00	89.60	360.00	10235.60	5436.45	-17.61	#####	5436.48	359.81	1.12	95.00
169	15753.00	90.20	360.00	10235.77	5531.45	-17.61	#####	5531.48	359.82	0.63	95.00
170	15848.00	90.20	358.10	10235.43	5626.44	-19.18	#####	5626.47	359.80	2.00	95.00
171	15943.00	90.60	358.60	10234.77	5721.39	-21.92	#####	5721.44	359.78	0.67	95.00
172	16039.00	91.30	358.50	10233.18	5817.35	-24.34	#####	5817.40	359.76	0.74	96.00
173	16134.00	90.20	358.80	10231.94	5912.31	-26.58	#####	5912.37	359.74	1.20	95.00
174	16229.00	90.10	359.80	10231.69	6007.30	-27.74	#####	6007.37	359.74	1.06	95.00
175	16325.00	88.50	358.00	10232.86	6103.27	-29.59	#####	6103.34	359.72	2.51	96.00
176	16420.00	88.40	358.20	10235.43	6198.19	-32.73	#####	6198.27	359.70	0.24	95.00
177	16515.00	88.40	358.50	10238.08	6293.11	-35.47	#####	6293.21	359.68	0.32	95.00
178	16610.00	88.50	358.90	10240.65	6388.05	-37.62	#####	6388.16	359.66	0.43	95.00
179	16705.00	89.00	359.10	10242.72	6483.01	-39.28	#####	6483.13	359.65	0.57	95.00
180	16801.00	88.90	359.90	10244.48	6578.99	-40.12	#####	6579.11	359.65	0.84	96.00
181	16896.00	88.70	359.50	10246.47	6673.97	-40.62	#####	6674.09	359.65	0.47	95.00
182	16991.00	89.30	358.70	10248.13	6768.94	-42.11	#####	6769.07	359.64	1.05	95.00
183	17086.00	89.80	359.00	10248.88	6863.92	-44.01	#####	6864.06	359.63	0.61	95.00
184	17181.00	90.20	359.30	10248.88	6958.91	-45.42	#####	6959.06	359.63	0.53	95.00
185	17277.00	90.30	359.50	10248.46	7054.90	-46.43	#####	7055.06	359.62	0.23	96.00
186	17372.00	90.80	0.40	10247.55	7149.90	-46.51	#####	7150.05	359.63	1.08	95.00
187	17467.00	91.70	0.70	10245.47	7244.87	-45.60	#####	7245.01	359.64	1.00	95.00
188	17562.00	90.00	0.60	10244.06	7339.85	-44.52	#####	7339.98	359.65	1.79	95.00
189	17658.00	90.30	0.90	10243.81	7435.84	-43.27	#####	7435.97	359.67	0.44	96.00
190	17753.00	90.20	0.90	10243.40	7530.83	-41.77	#####	7530.94	359.68	0.11	95.00
191	17848.00	90.60	0.90	10242.74	7625.81	-40.28	#####	7625.92	359.70	0.42	95.00
192	17911.00	90.70	1.20	10242.02	7688.80	-39.13	#####	7688.90	359.71	0.50	63.00
PTB	17962.00	90.70	1.20	10241.40	7739.78	-38.06	#####	7739.88	359.72	0.00	51.00