

FEB 13 2018

RECEIVED
CATHEDRALCompany: Special Energy CorporationJob # 178127Proposed Azimuth: 179.19Field: SEC 30-11S-38EAPI # 30-025-43888Target Inclination: 90.15County: Lea County

License #

Well Name: Jenna #1HSpud Date: 21-Aug-17Total Magnetic Corre: 5.93y Reference: Grid North

No.	Tool Type	Survey e (S o	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
									North (ft)	East (ft)	Dist (ft)	Ang (°)			
0	TIE-IN	Gyro	2302	1.60	159.30	172	2301.92	-3.75	3.84	6.06	7.17	57.66	0.78	0.47	32.91
1	HTR	S	2360.00	2.00	163.30	58	2359.89	-2.02	2.11	6.64	6.97	72.34	0.72	0.69	6.90
2	HTR	S	2403.00	1.70	167.70	43	2402.87	-0.67	0.77	6.99	7.03	83.70	0.77	-0.70	10.23
3	HTR	S	2445.00	0.90	172.90	42	2444.86	0.27	-0.16	7.16	7.16	91.32	1.92	-1.90	12.38
4	HTR	S	2488.00	0.20	238.70	43	2487.86	0.64	-0.54	7.14	7.16	94.32	1.95	-1.63	153.02
5	HTR	S	2530.00	0.50	246.70	42	2529.85	0.75	-0.65	6.91	6.94	95.37	0.72	0.71	19.05
6	HTR	S	2573.00	0.50	291.30	43	2572.85	0.75	-0.66	6.56	6.59	95.71	0.88	0.00	103.72
7	HTR	S	2743.00	0.60	268.70	170	2742.85	0.48	-0.41	4.98	5.00	94.66	0.14	0.06	-13.29
8	HTR	S	2914.00	0.80	297.20	171	2913.83	-0.08	0.12	3.02	3.03	87.74	0.23	0.12	16.67
9	HTR	S	3085.00	0.70	213.00	171	3084.82	0.23	-0.21	1.39	1.41	98.62	0.59	-0.06	-49.24
10	HTR	S	3255.00	0.50	138.50	170	3254.82	1.66	-1.64	1.32	2.10	141.15	0.44	-0.12	-43.82
11	HTR	S	3427.00	0.40	122.30	172	3426.81	2.55	-2.52	2.32	3.43	137.33	0.09	-0.06	-9.42
12	HTR	S	3598.00	1.60	99.40	171	3597.78	3.30	-3.23	5.18	6.11	121.92	0.73	0.70	-13.39
13	HTR	S	3771.00	0.60	242.90	173	3770.76	4.13	-4.04	6.76	7.87	120.84	1.22	-0.58	82.95
14	HTR	S	3941.00	1.70	286.30	170	3940.73	3.78	-3.73	3.55	5.15	136.47	0.78	0.65	25.53
15	HTR	S	4115.00	1.00	190.80	174	4114.70	4.51	-4.50	0.79	4.57	170.10	1.18	-0.40	-54.89
16	HTR	S	4285.00	0.40	30.80	170	4284.69	5.46	-5.45	0.81	5.51	171.53	0.81	-0.35	-94.12
17	HTR	S	4371.00	0.50	340.40	86	4370.69	4.85	-4.84	0.84	4.91	170.16	0.46	0.12	-58.60
18	HTR	S	4414.00	1.40	171.90	43	4413.68	5.19	-5.18	0.85	5.25	170.68	4.40	2.09	-391.86
19	HTR	S	4456.00	5.30	183.10	42	4455.60	7.64	-7.63	0.82	7.67	173.88	9.37	9.29	26.67
20	HTR	S	4499.00	6.10	181.50	43	4498.39	11.90	-11.89	0.65	11.91	176.87	1.90	1.86	-3.72
21	HTR	S	4542.00	8.80	185.60	43	4541.02	17.45	-17.45	0.27	17.45	179.12	6.40	6.28	9.53
22	HTR	S	4585.00	12.10	187.70	43	4583.30	25.18	-25.19	-0.66	25.20	181.49	7.72	7.67	4.88
23	HTR	S	4627.00	17.60	182.10	42	4623.89	35.89	-35.91	-1.48	35.94	182.36	13.52	13.10	-13.33
24	HTR	S	4670.00	22.90	176.80	43	4664.22	50.75	-50.77	-1.25	50.79	181.41	13.03	12.33	-12.33
25	HTR	S	4713.00	27.70	177.60	43	4703.08	69.11	-69.12	-0.36	69.12	180.30	11.19	11.16	1.86
26	HTR	S	4756.00	31.30	177.50	43	4740.50	90.27	-90.27	0.54	90.27	179.66	8.37	8.37	-0.23
27	HTR	S	4798.00	34.80	177.80	42	4775.70	113.17	-113.16	1.48	113.17	179.25	8.34	8.33	0.71
28	HTR	S	4841.00	38.60	177.90	43	4810.17	138.85	-138.83	2.44	138.85	178.99	8.84	8.84	0.23
29	HTR	S	4883.00	42.80	178.50	42	4842.01	166.23	-166.20	3.30	166.23	178.86	10.04	10.00	1.43
30	HTR	S	4926.00	46.20	179.40	43	4872.67	196.36	-196.33	3.84	196.37	178.88	8.04	7.91	2.09
31	HTR	S	4969.00	45.40	178.50	43	4902.65	227.19	-227.15	4.40	227.19	178.89	2.39	-1.86	-2.09
32	HTR	S	5012.00	45.00	178.50	43	4932.95	257.70	-257.65	5.20	257.70	178.84	0.93	-0.93	0.00
33	HTR	S	5054.00	48.70	178.50	42	4961.67	288.33	-288.28	6.00	288.34	178.81	8.81	8.81	0.00
34	HTR	S	5097.00	53.40	178.50	43	4988.69	321.76	-321.70	6.88	321.77	178.77	10.93	10.93	0.00
35	HTR	S	5139.00	57.20	177.70	42	5012.60	356.28	-356.20	8.03	356.29	178.71	9.18	9.05	-1.90
36	HTR	S	5182.00	61.50	177.10	43	5034.51	393.24	-393.15	9.71	393.27	178.58	10.07	10.00	-1.40
37	HTR	S	5225.00	66.00	177.40	43	5053.53	431.78	-431.66	11.56	431.81	178.47	10.48	10.47	0.70
38	HTR	S	5267.00	69.40	177.80	42	5069.46	470.62	-470.48	13.18	470.66	178.39	8.14	8.10	0.95
39	HTR	S	5310.00	73.80	177.80	43	5083.03	511.40	-511.24	14.75	511.45	178.35	10.23	10.23	0.00
40	HTR	S	5352.00	78.30	178.40	42	5093.16	552.14	-551.97	16.10	552.20	178.33	10.80	10.71	1.43
41	HTR	S	5395.00	84.60	178.90	43	5099.54	594.64	-594.46	17.10	594.70	178.35	14.70	14.65	1.16
42	HTR	S	5437.00	87.30	179.80	42	5102.51	636.53	-636.34	17.57	636.59	178.42	6.77	6.43	2.14
43	HTR	S	5480.00	87.80	179.50	43	5104.35	679.49	-679.30	17.84	679.54	178.50	1.36	1.16	-0.70
44	HTR	S	5522.00	87.30	179.40	42	5106.14	721.45	-721.26	18.24	721.49	178.55	1.21	-1.19	-0.24
45	HTR	S	5565.00	84.80	180.40	43	5109.11	764.34	-764.16	18.31	764.38	178.63	6.26	-5.81	2.33
46	HTR	S	5607.00	84.90	180.60	42	5112.88	806.16	-805.99	17.95	806.18	178.72	0.53	0.24	0.48
47	HTR	S	5650.00	84.50	180.30	43	5116.85	848.96	-848.80	17.61	848.98	178.81	1.16	-0.93	-0.70
48	HTR	S	5692.00	84.20	180.10	42	5120.98	890.75	-890.60	17.47	890.77	178.88	0.86	-0.71	-0.48
49	HTR	S	5735.00	85.40	179.90	43	5124.88	933.57	-933.42	17.47	933.58	178.93	2.83	2.79	-0.47
50	HTR	S	5778.00	85.10	179.90	43	5128.44	976.42	-976.27	17.54	976.43	178.97	0.70	-0.70	0.00
51	HTR	S	5820.00	84.90	179.60	42	5132.10	1018.26	-1018.11	17.73	1018.26	179.00	0.86	-0.48	-0.71
52	HTR	S	5863.00	84.50	179.80	43	5136.07	1061.07	-1060.93	17.95	1061.08	179.03	1.04	-0.93	0.47
53	HTR	S	5905.00	86.90	179.30	42	5139.22	1102.95	-1102.80	18.28	1102.95	179.05	5.84	5.71	-1.19
54	HTR	S	5948.00	88.50	179.60	43	5140.95	1145.91	-1145.76	18.69	1145.92	179.07	3.79	3.72	0.70
55	HTR	S	5991.00	89.40	180.00	43	5141.74	1188.90	-1188.76	18.84	1188.91	179.09	2.29	2.09	0.93
56	HTR	S	6034.00	92.20	180.40	43	5141.14	1231.89	-1231.75	18.69	1231.89	179.13	6.58	6.51	0.93
57	HTR	S	6076.00	93.70	179.20	42	5138.97	1273.83	-1273.69	18.84	1273.83	179.15	4.57	3.57	-2.86
58	HTR	S	6118.00	92.40	179.10	42	5136.74	1315.77	-1315.62	19.46	1315.77	179.15	3.10	-3.10	-0.24
59	HTR	S	6162.00	91.60	179.10	44	5135.20	1359.74	-1359.59	20.15	1359.74	179.15	1.82	-1.82	0.00
60	HTR	S	6205.00	90.60	180.20	43	5134.38	1402.73	-1402.58	20.41	1402.73	179.17	3.46	-2.33	2.56
61	HTR	S	6247.00	90.50	179.80	42	5133.98	1444.72	-1444.58	20.41	1444.72	179.19	0.98	-0.24	-0.95
62	HTR	S	6290.00	90.40	179.80	43	5133.64	1487.72	-1487.58	20.56	1487.72	179.21	0.23	-0.23	0.00
63	HTR	S	6333.00	91.50	179.90	43	5132.92	1530.71	-1530.57	20.68	1530.71	179.23	2.57	2.56	0.23
64	HTR	S	6375.00	91.30	179.90	42	5131.90	1572.70	-1572.56	20.75	1572.70	179.24	0.48	-0.48	0.00
65	HTR	S	6418.00	91.30	179.70	43	5130.92	1615.68	-1615.55	20.90	1615.68	179.26	0.46	0.00	-0.47
66	HTR	S	6461.00	91.20	179.80	43	5129.99	1658.67	-1658.54	21.09	1658.67	179.27	0.33	-0.23	0.23
67	HTR	S	6503.00	91.20	179.60	42	5129.11	1700.66	-1700.53	21.31	1700.66	179.28	0.48	0.00	-0.48
68	HTR	S	6545.00	91.10	179.30	42	5128.26	1742.65	-1742.52	21.71	1742.65	179.29	0.75	-0.24	-0.71
69	HTR	S	6587.00	91.10	179.20	42	5127.46	1784.64	-1784.51	22.26	1784.64	179.29	0.24	0.00	-0.24
70	HTR	S	6630.00	91.10	179.10	43	5126.63	1827.63	-1827.49	22.90	1827.64	179.28	0.23	0.00	-0.23
71	HTR	S	6672.00	91.10	179.20	42	5125.82	1869.63	-1869.48	23.52	1869.63	179.28	0.24	0.00	0.24

Provide signature page for
directional survey

Company: **Special Energy Corporatio**
Field: **SEC 30-11S-38E**
County: **Lea County**
Well Name: **Jenna #1H**
Total Magnetic Corre: **5.93**

Job # **178127**
API # **30-025-43888**
License #
Spud Date: **21-Aug-17**
y Reference: **Grid North**

Proposed Azimuth: **179.19**
Target Inclination: **90.15**



No.	Tool Type	Survey e (S o	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
									North (ft)	East (ft)	Dist (ft)	Ang (°)			
72	HTR	S	6714.00	91.20	178.90	42	5124.98	1911.62	-1911.47	24.22	1911.62	179.27	0.75	0.24	-0.71
73	HTR	S	6757.00	91.40	179.00	43	5124.01	1954.61	-1954.45	25.00	1954.61	179.27	0.52	0.47	0.23
74	HTR	S	6799.00	91.30	179.00	42	5123.02	1996.59	-1996.43	25.74	1996.60	179.26	0.24	-0.24	0.00
75	HTR	S	6842.00	90.60	179.40	43	5122.30	2039.59	-2039.42	26.34	2039.59	179.26	1.87	-1.63	0.93
76	HTR	S	6885.00	90.80	179.40	43	5121.78	2082.58	-2082.41	26.79	2082.59	179.26	0.47	0.47	0.00
77	HTR	S	6928.00	90.60	179.30	43	5121.25	2125.58	-2125.41	27.27	2125.58	179.26	0.52	-0.47	-0.23
78	HTR	S	6971.00	90.10	179.30	43	5120.99	2168.58	-2168.40	27.80	2168.58	179.27	1.16	-1.16	0.00
79	HTR	S	7013.00	89.00	178.90	42	5121.32	2210.58	-2210.40	28.46	2210.58	179.26	2.79	-2.62	-0.95
80	HTR	S	7056.00	89.00	178.80	43	5122.07	2253.57	-2253.38	29.32	2253.57	179.25	0.23	0.00	-0.23
81	HTR	S	7098.00	89.40	178.90	42	5122.66	2295.57	-2295.37	30.17	2295.57	179.25	0.98	0.95	0.24
82	HTR	S	7141.00	89.90	179.20	43	5122.92	2338.56	-2338.36	30.88	2338.57	179.24	1.36	1.16	0.70
83	HTR	S	7184.00	90.20	179.20	43	5122.88	2381.56	-2381.36	31.48	2381.57	179.24	0.70	0.70	0.00
84	HTR	S	7226.00	90.30	179.00	42	5122.70	2423.56	-2423.35	32.14	2423.56	179.24	0.53	0.24	-0.48
85	HTR	S	7269.00	90.50	179.00	43	5122.40	2466.56	-2466.34	32.89	2466.56	179.24	0.47	0.47	0.00
86	HTR	S	7311.00	90.60	179.10	42	5122.00	2508.56	-2508.34	33.58	2508.56	179.23	0.34	0.24	0.24
87	PTB	S	7354.00	90.70	179.10	43	5121.51	2551.56	-2551.33	34.26	2551.56	179.23	0.23	0.23	0.00
88	HTR	S	7397.00	90.30	178.90	43	5121.13	2594.56	-2594.32	35.01	2594.56	179.23	1.04	-0.93	-0.47
89	HTR	S	7439.00	88.80	178.70	42	5121.46	2636.55	-2636.31	35.89	2636.55	179.22	3.60	-3.57	-0.48
90	HTR	S	7482.00	88.70	178.70	43	5122.40	2679.54	-2679.29	36.87	2679.54	179.21	0.23	-0.23	0.00
91	HTR	S	7524.00	89.20	178.70	42	5123.17	2721.53	-2721.27	37.82	2721.53	179.20	1.19	1.19	0.00
92	HTR	S	7567.00	89.70	178.70	43	5123.58	2764.53	-2764.26	38.79	2764.53	179.20	1.16	1.16	0.00
93	HTR	S	7610.00	89.60	178.80	43	5123.85	2807.53	-2807.24	39.73	2807.53	179.19	0.33	-0.23	0.23
94	HTR	S	7653.00	89.80	178.90	43	5124.07	2850.52	-2850.23	40.59	2850.52	179.18	0.52	0.47	0.23
95	HTR	S	7695.00	90.00	178.90	42	5124.14	2892.52	-2892.23	41.40	2892.52	179.18	0.48	0.48	0.00
96	HTR	S	7738.00	90.00	178.70	43	5124.14	2935.52	-2935.22	42.30	2935.52	179.17	0.47	0.00	-0.47
97	HTR	S	7780.00	90.00	178.50	42	5124.14	2977.52	-2977.20	43.33	2977.52	179.17	0.48	0.00	-0.48
98	HTR	S	7823.00	90.10	178.30	43	5124.11	3020.52	-3020.19	44.53	3020.52	179.16	0.52	0.23	-0.47
99	HTR	S	7866.00	89.90	178.00	43	5124.11	3063.51	-3063.17	45.92	3063.51	179.14	0.84	-0.47	-0.70
100	HTR	S	7908.00	89.70	177.90	42	5124.25	3105.50	-3105.14	47.42	3105.50	179.13	0.53	-0.48	-0.24
101	HTR	S	7951.00	89.80	178.10	43	5124.44	3148.49	-3148.11	48.92	3148.49	179.11	0.52	0.23	0.47
102	HTR	S	7994.00	90.30	179.00	43	5124.40	3191.49	-3191.10	50.01	3191.49	179.10	2.39	1.16	2.09
103	HTR	S	8036.00	90.50	179.20	42	5124.11	3233.48	-3233.09	50.67	3233.49	179.10	0.67	0.48	0.48
104	HTR	S	8078.00	90.60	179.00	42	5123.71	3275.48	-3275.08	51.33	3275.49	179.10	0.53	0.24	-0.48
105	HTR	S	8121.00	90.50	178.70	43	5123.29	3318.48	-3318.07	52.19	3318.48	179.10	0.74	-0.23	-0.70
106	HTR	S	8164.00	90.40	178.60	43	5122.96	3361.48	-3361.06	53.20	3361.48	179.09	0.33	-0.23	-0.23
107	HTR	S	8207.00	90.30	178.30	43	5122.69	3404.47	-3404.04	54.37	3404.48	179.09	0.74	-0.23	-0.70
108	HTR	S	8249.00	90.30	178.80	42	5122.47	3446.47	-3446.03	55.43	3446.47	179.08	1.19	0.00	1.19
109	HTR	S	8292.00	90.20	178.30	43	5122.29	3489.47	-3489.01	56.52	3489.47	179.07	1.19	-0.23	-1.16
110	HTR	S	8334.00	90.20	178.60	42	5122.14	3531.46	-3531.00	57.65	3531.47	179.06	0.71	0.00	0.71
111	HTR	S	8377.00	90.40	179.10	43	5121.91	3574.46	-3573.99	58.52	3574.47	179.06	1.25	0.47	1.16
112	HTR	S	8420.00	90.20	179.20	43	5121.69	3617.46	-3616.98	59.15	3617.47	179.06	0.52	-0.47	0.23
113	HTR	S	8462.00	90.20	178.70	42	5121.54	3659.46	-3658.98	59.92	3659.47	179.06	1.19	0.00	-1.19
114	HTR	S	8505.00	89.60	178.40	43	5121.62	3702.46	-3701.96	61.01	3702.47	179.06	1.56	-1.40	-0.70
115	HTR	S	8547.00	89.10	178.50	42	5122.09	3744.45	-3743.94	62.15	3744.46	179.05	1.21	-1.19	0.24
116	HTR	S	8590.00	88.70	178.80	43	5122.92	3787.44	-3786.92	63.16	3787.45	179.04	1.16	-0.93	0.70
117	HTR	S	8632.00	89.10	179.10	42	5123.73	3829.43	-3828.91	63.93	3829.44	179.04	1.19	0.95	0.71
118	HTR	S	8675.00	89.20	179.10	43	5124.36	3872.43	-3871.90	64.61	3872.44	179.04	0.23	0.23	0.00
119	HTR	S	8718.00	89.10	179.30	43	5125.00	3915.42	-3914.89	65.21	3915.43	179.05	0.52	-0.23	0.47
120	HTR	S	8761.00	88.60	180.00	43	5125.86	3958.41	-3957.88	65.47	3958.42	179.05	2.00	-1.16	1.63
121	HTR	S	8803.00	89.00	180.70	42	5126.74	4000.39	-3999.87	65.21	4000.40	179.07	1.92	0.95	1.67
122	HTR	S	8846.00	90.60	180.70	43	5126.89	4043.38	-4042.87	64.69	4043.38	179.08	3.72	3.72	0.00
123	HTR	S	8889.00	90.70	180.40	43	5126.41	4086.36	-4085.86	64.27	4086.37	179.10	0.74	0.23	-0.70
124	HTR	S	8931.00	90.70	180.10	42	5125.89	4128.35	-4127.86	64.09	4128.35	179.11	0.71	0.00	-0.71
125	HTR	S	8974.00	90.90	180.40	43	5125.29	4171.34	-4170.85	63.90	4171.34	179.12	0.84	0.47	0.70
126	HTR	S	9017.00	90.90	180.30	43	5124.62	4214.32	-4213.85	63.64	4214.33	179.13	0.23	0.00	-0.23
127	HTR	S	9059.00	90.80	180.10	42	5123.99	4256.31	-4255.84	63.49	4256.32	179.15	0.53	-0.24	-0.48
128	HTR	S	9102.00	90.20	179.80	43	5123.62	4299.31	-4298.84	63.53	4299.31	179.15	1.56	-1.40	-0.70
129	HTR	S	9145.00	90.50	179.70	43	5123.36	4342.31	-4341.84	63.72	4342.31	179.16	0.74	0.70	-0.23
130	HTR	S	9187.00	90.70	179.80	42	5122.92	4384.30	-4383.84	63.90	4384.30	179.16	0.53	0.48	0.24
131	HTR	S	9230.00	90.60	180.00	43	5122.43	4427.29	-4426.83	63.98	4427.29	179.17	0.52	-0.23	0.47
132	HTR	S	9272.00	89.90	180.00	42	5122.25	4469.29	-4468.83	63.98	4469.29	179.18	1.67	-1.67	0.00
133	HTR	S	9315.00	89.90	180.00	43	5122.32	4512.29	-4511.83	63.98	4512.29	179.19	0.00	0.00	0.00
134	HTR	S	9358.00	89.80	180.00	43	5122.43	4555.28	-4554.83	63.98	4555.28	179.20	0.23	-0.23	0.00
135	HTR	S	9400.00	90.10	180.00	42	5122.47	4597.28	-4596.83	63.98	4597.28	179.20	0.71	0.71	0.00
136	HTR	S	9443.00	90.20	180.00	43	5122.36	4640.27	-4639.83	63.98	4640.27	179.21	0.23	0.23	0.00
137	HTR	S	9485.00	89.80	179.60	42	5122.36	4682.27	-4681.83	64.12	4682.27	179.22	1.35	-0.95	-0.95
138	HTR	S	9528.00	89.40	179.10	43	5122.66	4725.27	-4724.83	64.61	4725.27	179.22	1.49	-0.93	-1.16
139	HTR	S	9570.00	89.10	178.50	42	5123.21	4767.26	-4766.81	65.49	4767.26	179.21	1.60	-0.71	-1.43
140	HTR	S	9613.00	88.90	178.30	43	5123.96	4810.25	-4809.79	66.69	4810.25	179.21	0.66	-0.47	-0.47
141	HTR	S	9655.00	89.10	178.40	42	5124.69	4852.24	-4851.77	67.90	4852.24	179.20	0.53	0.48	0.24
142	HTR	S	9698.00	89.20	178.30	43	5125.33	4895.23	-4894.74	69.14	4895.23	179.19	0.33	0.23	-0.23
143	HTR	S	9741.00	89.20	178.20	43	5125.93	4938.22	-4937.72	70.45	4938.22	179.18	0.23	0.00	-0.23
144	HTR	S	9783.00	89.20	178.00	42	5126.52	4980.21	-4979.69	71.84	4980.21	179.17	0.48	0.00	-0.48

Company:Special Energy CorporationJob #178127Proposed Azimuth:179.19

Field:SEC 30-11S-38EAPI #30-025-43888Target Inclination:90.15

County:Lea CountyLicense #

Well Name:Jenna #1HSpud Date:21-Aug-17

Total Magnetic Correction: 5.93Magnetic Reference:Grid North



No.	Tool Type	Survey e (S o	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
									North (ft)	East (ft)	Dist (ft)	Ang (°)			
145	HTR	S	9826.00	89.00	177.80	43	5127.19	5023.19	-5022.66	73.42	5023.19	179.16	0.66	-0.47	-0.47
146	HTR	S	9869.00	88.80	177.40	43	5128.02	5066.17	-5065.61	75.22	5066.17	179.15	1.04	-0.47	-0.93
147	HTR	S	9912.00	88.70	177.30	43	5128.95	5109.14	-5108.56	77.21	5109.14	179.13	0.33	-0.23	-0.23
148	HTR	S	9954.00	88.70	177.30	42	5129.91	5151.10	-5150.50	79.19	5151.11	179.12	0.00	0.00	0.00
149	Final	S	9982.00	88.30	177.00	28	5130.64	5179.08	-5178.45	80.58	5179.08	179.11	1.79	-1.43	-1.07
150	PTB	D	10030.00	88.30	177.00	48	5132.06	5227.02	-5226.37	83.09	5227.03	179.09	0.00	0.00	0.00