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State of Texas

County of Tarrant

I, JEFFREY S. BALSER, certify that; I am employed by MS Energy Services;
that I did on the day(s) of 11/28/15 through 12/3/15 conduct or supervise
the taking of MWD survey(s) from a depth of 149 feet to a depth of 4,434
feet; that the data is true, correct, complete and within the limitations of the tool set forth by MS Energy
Services; that I am authorized and qualified to make this report; that this survey(s) was / were
conducted at the request of CONOCOPHILLIPS COMPANY,
for the BATTLE AXE²⁷ FEDERAL COM 1H, API No. 30-025-42895
in LEA County / Parish, NEW MEXICO; and that I have
reviewed this report and find that it conforms to the principles and procedures as set forth by
MS Energy Services.

Signature: Jeffrey Balsen
Title: MWD FIELD SPECIALIST

MS Directional

MS Guidance

MS Survey

MS Wireline

09.04.02

Company:		ConocoPhillips Company									
Well Name:		Battle Axe 27 Federal COM 1H									
Location:		Lea County, NM									
Rig:		H&P #486				Magnetic Declination:		6.79		REFERENCED TO GRID NORTH	
Job Number:		DDMO-160045									
API #:		30-025-42895									
Vertical Section Azimuth:				179.70		Proposed Direction:		179.70			
Survey Calculation Method:				Minimum Curvature							
PTB:	MD		INC		AZM	TVD	N/S	E/W		VS	
	19,105		89.5		173.8	12252.26	-6939.94	-51.5		6939.57	
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance Azm		DLS/ 100	BUR/ 100'
TIE IN	4,447	0.30	132.10	4435.28	198.25	-131.18	-198.93	237.72	326.51		
1	4,534	0.20	176.70	4521.88	197.95	-131.00	-198.63	237.37	326.50	0.24	-0.12
2	4,629	0.10	85.80	4616.88	197.79	-130.91	-198.47	237.19	326.50	0.24	-0.11
3	4,723	0.10	123.30	4710.88	197.75	-130.76	-198.43	237.07	326.53	0.07	0.00
4	4,817	0.40	94.20	4804.88	197.68	-130.36	-198.36	236.80	326.60	0.34	0.32
5	4,911	0.90	80.50	4898.87	197.78	-129.31	-198.45	236.30	326.82	0.55	0.53
6	5,006	0.20	46.90	4993.87	198.01	-128.45	-198.68	236.03	327.03	0.78	-0.74
7	5,101	0.20	44.50	5088.87	198.25	-128.22	-198.91	236.09	327.11	0.01	0.00
8	5,195	0.10	12.20	5182.87	198.44	-128.08	-199.11	236.19	327.16	0.14	-0.11
9	5,290	0.30	8.20	5277.87	198.77	-128.03	-199.44	236.43	327.21	0.21	0.21
10	5,384	0.40	332.60	5371.86	199.30	-128.15	-199.97	236.95	327.26	0.25	0.11
11	5,478	0.20	345.70	5465.86	199.75	-128.34	-200.42	237.43	327.28	0.22	-0.21
12	5,573	0.30	277.00	5560.86	199.95	-128.63	-200.62	237.75	327.25	0.31	0.11
13	5,667	0.30	314.90	5654.86	200.15	-129.04	-200.82	238.14	327.19	0.21	0.00
14	5,762	0.40	305.80	5749.86	200.52	-129.49	-201.19	238.69	327.15	0.12	0.11
15	5,856	0.50	270.10	5843.86	200.71	-130.16	-201.39	239.22	327.04	0.31	0.11
16	5,951	0.50	294.90	5938.85	200.89	-130.96	-201.57	239.80	326.90	0.23	0.00
17	6,045	0.40	291.00	6032.85	201.18	-131.63	-201.86	240.42	326.80	0.11	-0.11
18	6,140	0.50	323.00	6127.85	201.63	-132.19	-202.32	241.10	326.75	0.28	0.11
19	6,234	0.40	309.30	6221.84	202.16	-132.69	-202.85	241.82	326.72	0.16	-0.11
20	6,329	0.30	348.10	6316.84	202.62	-133.00	-203.31	242.37	326.72	0.26	-0.11
21	6,424	0.20	286.90	6411.84	202.91	-133.21	-203.60	242.73	326.71	0.28	-0.11
22	6,518	0.30	305.10	6505.84	203.10	-133.57	-203.79	243.08	326.67	0.13	0.11
23	6,612	0.70	268.70	6599.84	203.23	-134.35	-203.93	243.62	326.53	0.52	0.43
24	6,707	0.10	214.20	6694.83	203.14	-134.97	-203.85	243.89	326.40	0.68	-0.63
25	6,801	0.40	232.80	6788.83	202.88	-135.28	-203.58	243.84	326.30	0.33	0.32
26	6,896	0.50	230.00	6883.83	202.41	-135.86	-203.12	243.78	326.13	0.11	0.11
27	6,990	0.60	222.80	6977.83	201.79	-136.51	-202.50	243.62	325.92	0.13	0.11
28	7,084	0.70	226.60	7071.82	201.03	-137.26	-201.75	243.42	325.68	0.12	0.11
29	7,179	0.90	243.10	7166.81	200.29	-138.35	-201.02	243.43	325.37	0.32	0.21
30	7,273	1.10	242.30	7260.80	199.54	-139.81	-200.27	243.64	324.98	0.21	0.21
31	7,368	1.00	256.80	7355.78	198.93	-141.42	-199.66	244.07	324.59	0.30	-0.11

Company:		ConocoPhillips Company									
Well Name:		Battle Axe 27 Federal COM 1H									
Location:		Lea County, NM									
Rig:		H&P #486		Magnetic Declination:		6.79		REFERENCED TO GRID NORTH			
Job Number:		DDMO-160045									
API #:		30-025-42895									
Vertical Section Azimuth:				179.70		Proposed Direction:		179.70			
Survey Calculation Method:				Minimum Curvature							
PTB:	MD	INC	AZM	TVD	N/S	E/W	VS				
	19,105	89.5	173.8	12252.26	-6939.94	-51.5	6939.57				
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
32	7,462	1.10	248.40	7449.76	198.41	-143.06	-199.15	244.60	324.21	0.19	0.11
33	7,557	0.50	198.50	7544.76	197.68	-144.04	-198.43	244.59	323.92	0.91	-0.63
34	7,651	0.50	180.70	7638.75	196.88	-144.17	-197.63	244.02	323.79	0.16	0.00
35	7,746	0.60	180.30	7733.75	195.97	-144.18	-196.72	243.29	323.66	0.11	0.11
36	7,841	0.40	179.90	7828.74	195.14	-144.18	-195.89	242.63	323.54	0.21	-0.21
37	7,935	0.50	172.60	7922.74	194.40	-144.13	-195.16	242.00	323.45	0.12	0.11
38	8,030	0.60	193.40	8017.74	193.51	-144.19	-194.26	241.32	323.31	0.23	0.11
39	8,124	0.70	172.40	8111.73	192.46	-144.23	-193.21	240.51	323.15	0.27	0.11
40	8,219	0.70	188.10	8206.72	191.31	-144.23	-192.06	239.59	322.99	0.20	0.00
41	8,313	0.60	191.50	8300.72	190.26	-144.41	-191.01	238.86	322.80	0.11	-0.11
42	8,407	0.70	192.20	8394.71	189.22	-144.63	-189.97	238.16	322.61	0.11	0.11
43	8,502	0.90	196.70	8489.70	187.94	-144.97	-188.69	237.35	322.35	0.22	0.21
44	8,596	0.60	197.00	8583.69	186.76	-145.32	-187.52	236.64	322.11	0.32	-0.32
45	8,690	0.60	214.70	8677.69	185.88	-145.75	-186.64	236.21	321.90	0.20	0.00
46	8,784	0.50	240.00	8771.69	185.27	-146.38	-186.04	236.12	321.69	0.28	-0.11
47	8,879	0.60	258.60	8866.68	184.97	-147.23	-185.74	236.41	321.48	0.21	0.11
48	8,973	0.80	4.60	8960.68	185.52	-147.66	-186.29	237.11	321.48	1.20	0.21
49	9,068	0.80	331.40	9055.67	186.77	-147.93	-187.54	238.25	321.62	0.48	0.00
50	9,163	0.90	313.00	9150.66	187.86	-148.79	-188.63	239.64	321.62	0.30	0.11
51	9,257	0.90	298.10	9244.65	188.71	-149.98	-189.49	241.05	321.52	0.25	0.00
52	9,352	1.00	292.60	9339.63	189.38	-151.40	-190.17	242.46	321.36	0.14	0.11
53	9,446	0.80	309.40	9433.62	190.11	-152.67	-190.91	243.82	321.23	0.35	-0.21
54	9,540	0.90	299.90	9527.61	190.90	-153.81	-191.70	245.15	321.14	0.18	0.11
55	9,635	0.90	286.90	9622.60	191.48	-155.17	-192.29	246.47	320.98	0.21	0.00
56	9,729	0.70	277.50	9716.59	191.77	-156.45	-192.59	247.50	320.79	0.25	-0.21
57	9,824	0.80	287.00	9811.58	192.04	-157.66	-192.87	248.47	320.62	0.17	0.11
58	9,918	0.40	254.30	9905.58	192.15	-158.60	-192.97	249.15	320.46	0.54	-0.43
59	10,013	1.10	252.80	10000.57	191.79	-159.79	-192.62	249.63	320.20	0.74	0.74
60	10,108	1.80	264.10	10095.54	191.36	-162.15	-192.21	250.82	319.72	0.79	0.74
61	10,202	1.40	273.50	10189.50	191.28	-164.76	-192.14	252.46	319.26	0.51	-0.43
62	10,296	1.80	277.20	10283.46	191.54	-167.37	-192.41	254.36	318.85	0.44	0.43
63	10,391	1.80	275.90	10378.42	191.88	-170.34	-192.77	256.58	318.40	0.04	0.00
64	10,486	2.10	260.70	10473.36	191.75	-173.54	-192.66	258.62	317.85	0.63	0.32

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	19,105	89.5	173.8	12252.26	-6939.94	-51.5	6939.57				
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
65	10,580	1.80	254.80	10567.31	191.08	-176.67	-192.01	260.24	317.25	0.38	-0.32
66	10,675	1.40	214.50	10662.27	189.74	-178.76	-190.67	260.68	316.71	1.23	-0.42
67	10,769	2.00	225.60	10756.23	187.64	-180.58	-188.59	260.42	316.10	0.73	0.64
68	10,864	2.10	239.60	10851.17	185.60	-183.27	-186.56	260.84	315.36	0.54	0.11
69	10,958	2.10	243.60	10945.11	183.97	-186.30	-184.94	261.82	314.64	0.16	0.00
70	11,053	1.90	246.70	11040.05	182.57	-189.30	-183.56	263.00	313.96	0.24	-0.21
71	11,147	1.80	255.40	11134.00	181.58	-192.16	-182.58	264.38	313.38	0.32	-0.11
72	11,241	2.30	265.70	11227.94	181.07	-195.47	-182.09	266.45	312.81	0.66	0.53
73	11,336	2.80	271.40	11322.85	180.98	-199.69	-182.02	269.50	312.19	0.59	0.53
74	11,430	3.00	266.30	11416.73	180.88	-204.44	-181.95	272.97	311.50	0.35	0.21
75	11,510	2.80	266.30	11496.63	180.62	-208.48	-181.71	275.84	310.90	0.25	-0.25
76	11,597	0.90	213.60	11583.58	179.91	-210.98	-181.01	277.27	310.46	2.72	-2.18
77	11,628	0.90	182.10	11614.58	179.46	-211.13	-180.57	277.09	310.37	1.58	0.00
78	11,691	3.30	170.90	11677.53	177.18	-210.86	-178.28	275.41	310.04	3.85	3.81
79	11,723	7.30	173.10	11709.39	174.25	-210.47	-175.35	273.24	309.62	12.51	12.50
80	11,754	11.50	175.70	11739.96	169.21	-210.00	-170.31	269.69	308.86	13.61	13.55
81	11,786	14.60	179.60	11771.13	161.99	-209.73	-163.09	265.01	307.68	10.07	9.69
82	11,818	17.90	182.80	11801.85	153.05	-209.94	-154.14	259.81	306.09	10.68	10.31
83	11,849	21.60	184.10	11831.02	142.59	-210.58	-143.69	254.32	304.10	12.02	11.94
84	11,881	25.00	182.60	11860.41	129.96	-211.31	-131.06	248.08	301.59	10.78	10.63
85	11,912	28.10	181.20	11888.14	116.11	-211.76	-117.22	241.51	298.74	10.20	10.00
86	11,943	30.80	180.60	11915.13	100.88	-212.00	-101.98	234.77	295.45	8.76	8.71
87	11,975	33.80	180.00	11942.18	83.78	-212.08	-84.89	228.03	291.56	9.43	9.37
88	12,006	37.60	179.10	11967.35	65.69	-211.94	-66.80	221.88	287.22	12.37	12.26
89	12,038	40.90	177.90	11992.12	45.46	-211.40	-46.56	216.23	282.14	10.58	10.31
90	12,069	43.90	176.10	12015.01	24.59	-210.29	-25.69	211.73	276.67	10.44	9.68
91	12,101	46.90	174.80	12037.48	1.88	-208.48	-2.97	208.49	270.52	9.81	9.38
92	12,132	49.60	174.50	12058.12	-21.15	-206.32	20.07	207.40	264.15	8.74	8.71
93	12,158	51.80	174.80	12074.59	-41.18	-204.45	40.11	208.55	258.61	8.51	8.46
94	12,264	59.20	177.60	12134.59	-128.27	-198.76	127.23	236.56	237.16	7.31	6.98
95	12,295	61.30	178.50	12149.98	-155.17	-197.85	154.13	251.44	231.89	7.23	6.77
96	12,327	64.50	179.40	12164.55	-183.65	-197.33	182.61	269.56	227.06	10.31	10.00

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	19,105	89.5		173.8		12252.26	-6939.94	-51.5		6939.57	
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
97	12,358	67.00	179.80	12177.28	-211.91	-197.13	210.88	289.42	222.93	8.15	8.06
98	12,390	69.00	180.00	12189.27	-241.58	-197.08	240.54	311.77	219.21	6.28	6.25
99	12,421	71.50	180.60	12199.74	-270.75	-197.23	269.72	334.97	216.07	8.27	8.06
100	12,452	74.30	181.20	12208.86	-300.37	-197.70	299.34	359.60	213.35	9.22	9.03
101	12,484	77.80	180.50	12216.57	-331.42	-198.16	330.38	386.14	210.88	11.14	10.94
102	12,515	81.00	179.80	12222.27	-361.89	-198.24	360.85	412.63	208.71	10.56	10.32
103	12,547	84.10	179.20	12226.42	-393.61	-197.96	392.57	440.59	206.70	9.86	9.69
104	12,579	86.60	178.50	12229.02	-425.50	-197.32	424.46	469.03	204.88	8.11	7.81
105	12,610	89.20	177.90	12230.15	-456.46	-196.35	455.43	496.90	203.27	8.61	8.39
106	12,704	92.20	176.20	12229.00	-550.32	-191.51	549.30	582.69	199.19	3.67	3.19
107	12,799	91.10	173.40	12226.27	-644.87	-182.90	643.91	670.31	195.83	3.17	-1.16
108	12,893	90.40	171.10	12225.04	-738.00	-170.23	737.10	757.38	192.99	2.56	-0.74
109	12,988	88.40	172.10	12226.03	-831.97	-156.35	831.14	846.53	190.64	2.35	-2.11
110	13,082	87.80	174.00	12229.15	-925.22	-144.99	924.45	936.51	188.91	2.12	-0.64
111	13,176	88.20	174.50	12232.43	-1018.69	-135.57	1017.97	1027.67	187.58	0.68	0.43
112	13,271	89.10	177.80	12234.67	-1113.44	-129.20	1112.75	1120.91	186.62	3.60	0.95
113	13,366	89.90	179.00	12235.50	-1208.40	-126.55	1207.72	1215.00	185.98	1.52	0.84
114	13,460	89.00	179.70	12236.40	-1302.38	-125.48	1301.71	1308.41	185.50	1.21	-0.96
115	13,555	91.70	182.80	12235.82	-1397.34	-127.55	1396.65	1403.15	185.22	4.33	2.84
116	13,649	90.60	181.30	12233.93	-1491.26	-130.91	1490.55	1496.99	185.02	1.98	-1.17
117	13,744	89.30	180.50	12234.02	-1586.24	-132.40	1585.53	1591.76	184.77	1.61	-1.37
118	13,838	86.60	178.30	12237.38	-1680.16	-131.42	1679.45	1685.29	184.47	3.70	-2.87
119	13,932	86.00	178.40	12243.44	-1773.93	-128.72	1773.23	1778.59	184.15	0.65	-0.64
120	14,027	86.60	179.40	12249.57	-1868.71	-126.90	1868.02	1873.01	183.88	1.23	0.63
121	14,121	89.80	180.80	12252.53	-1962.65	-127.07	1961.96	1966.76	183.70	3.72	3.40
122	14,215	91.00	180.60	12251.87	-2056.64	-128.22	2055.94	2060.63	183.57	1.29	1.28
123	14,310	95.50	183.50	12246.49	-2151.39	-131.60	2150.67	2155.41	183.50	5.63	4.74
124	14,404	92.80	181.00	12239.68	-2245.05	-135.28	2244.31	2249.13	183.45	3.91	-2.87
125	14,498	92.70	181.10	12235.17	-2338.93	-137.00	2338.18	2342.94	183.35	0.15	-0.11
126	14,593	92.70	178.90	12230.70	-2433.82	-137.00	2433.07	2437.67	183.22	2.31	0.00
127	14,687	89.00	178.20	12229.30	-2527.76	-134.62	2527.02	2531.34	183.05	4.01	-3.94
128	14,781	88.10	177.70	12231.68	-2621.67	-131.26	2620.95	2624.95	182.87	1.10	-0.96

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Survey Calculation Method:		Minimum Curvature									
PTB:	MD	INC		AZM		TVD	N/S	E/W		VS	
	19,105	89.5		173.8		12252.26	-6939.94	-51.5		6939.57	
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
129	14,876	89.60	177.60	12233.59	-2716.57	-127.36	2715.86	2719.55	182.68	1.58	1.58
130	14,970	87.50	179.80	12235.97	-2810.50	-125.23	2809.81	2813.29	182.55	3.23	-2.23
131	15,064	88.40	180.50	12239.33	-2904.44	-125.48	2903.74	2907.15	182.47	1.21	0.96
132	15,158	87.70	179.00	12242.53	-2998.38	-125.07	2997.69	3000.99	182.39	1.76	-0.74
133	15,253	89.20	179.90	12245.10	-3093.34	-124.16	3092.65	3095.83	182.30	1.84	1.58
134	15,347	88.90	178.70	12246.66	-3187.32	-123.01	3186.63	3189.69	182.21	1.32	-0.32
135	15,441	89.10	178.20	12248.30	-3281.27	-120.47	3280.59	3283.48	182.10	0.57	0.21
136	15,536	89.00	177.70	12249.87	-3376.19	-117.07	3375.53	3378.22	181.99	0.54	-0.11
137	15,630	88.90	177.20	12251.59	-3470.08	-112.89	3469.45	3471.92	181.86	0.54	-0.11
138	15,724	89.70	177.40	12252.74	-3563.97	-108.46	3563.36	3565.62	181.74	0.88	0.85
139	15,819	90.40	177.00	12252.66	-3658.86	-103.82	3658.26	3660.33	181.63	0.85	0.74
140	15,913	90.00	175.70	12252.33	-3752.66	-97.84	3752.10	3753.94	181.49	1.45	-0.43
141	16,008	88.70	175.40	12253.41	-3847.37	-90.47	3846.84	3848.43	181.35	1.40	-1.37
142	16,103	88.10	177.60	12256.06	-3942.15	-84.67	3941.65	3943.06	181.23	2.40	-0.63
143	16,197	88.70	177.40	12258.69	-4036.02	-80.57	4035.55	4036.83	181.14	0.67	0.64
144	16,291	91.70	178.40	12258.36	-4129.95	-77.13	4129.49	4130.67	181.07	3.36	3.19
145	16,386	92.00	177.80	12255.29	-4224.85	-73.98	4224.40	4225.49	181.00	0.71	0.32
146	16,480	90.60	180.70	12253.16	-4318.80	-72.75	4318.36	4319.41	180.97	3.43	-1.49
147	16,575	89.10	179.30	12253.41	-4413.80	-72.75	4413.35	4414.39	180.94	2.16	-1.58
148	16,669	90.50	181.10	12253.74	-4507.79	-73.08	4507.34	4508.38	180.93	2.43	1.49
149	16,764	91.50	183.70	12252.08	-4602.68	-77.05	4602.21	4603.33	180.96	2.93	1.05
150	16,858	93.90	186.20	12247.65	-4696.21	-85.15	4695.70	4696.98	181.04	3.68	2.55
151	16,952	89.00	182.90	12245.27	-4789.84	-92.60	4789.29	4790.74	181.11	6.28	-5.21
152	17,047	90.70	183.00	12245.52	-4884.72	-97.49	4884.14	4885.69	181.14	1.79	1.79
153	17,142	89.90	182.60	12245.02	-4979.60	-102.13	4979.00	4980.65	181.17	0.94	-0.84
154	17,236	88.50	182.10	12246.33	-5073.51	-105.98	5072.88	5074.62	181.20	1.58	-1.49
155	17,331	88.60	181.60	12248.74	-5168.43	-109.05	5167.79	5169.58	181.21	0.54	0.11
156	17,425	86.40	179.40	12252.84	-5262.32	-109.87	5261.68	5263.47	181.20	3.31	-2.34
157	17,520	89.00	180.10	12256.65	-5357.24	-109.46	5356.59	5358.36	181.17	2.83	2.74
158	17,614	88.90	180.30	12258.37	-5451.22	-109.78	5450.57	5452.33	181.15	0.24	-0.11
159	17,708	90.00	180.30	12259.28	-5545.21	-110.28	5544.56	5546.31	181.14	1.17	1.17
160	17,803	89.60	179.10	12259.61	-5640.21	-109.78	5639.56	5641.28	181.12	1.33	-0.42

Company:		ConocoPhillips Company									
Well Name:		Battle Axe 27 Federal COM 1H									
Location:		Lea County, NM									
Rig:		H&P #486		Magnetic Declination:		6.79		REFERENCED TO GRID NORTH			
Job Number:		DDMO-160045									
API #:		30-025-42895									
Vertical Section Azimuth:				179.70		Proposed Direction:		179.70			
Survey Calculation Method:				Minimum Curvature							
PTB:	MD	INC	AZM	TVD	N/S	E/W	VS				
	19,105	89.5	173.8	12252.26	-6939.94	-51.5	6939.57				
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
161	17,897	89.70	179.80	12260.18	-5734.20	-108.88	5733.55	5735.24	181.09	0.75	0.11
162	17,992	92.30	179.10	12258.52	-5829.18	-107.97	5828.53	5830.18	181.06	2.83	2.74
163	18,086	94.00	178.10	12253.36	-5923.00	-105.67	5922.37	5923.94	181.02	2.10	1.81
164	18,181	92.20	177.50	12248.22	-6017.79	-102.03	6017.17	6018.65	180.97	2.00	-1.89
165	18,275	90.90	176.90	12245.68	-6111.64	-97.44	6111.05	6112.42	180.91	1.52	-1.38
166	18,370	90.90	176.70	12244.19	-6206.48	-92.14	6205.91	6207.16	180.85	0.21	0.00
167	18,464	90.00	177.60	12243.45	-6300.36	-87.47	6299.81	6300.97	180.80	1.35	-0.96
168	18,558	90.10	179.40	12243.37	-6394.32	-85.00	6393.79	6394.89	180.76	1.92	0.11
169	18,652	88.50	178.40	12244.51	-6488.29	-83.20	6487.77	6488.83	180.73	2.01	-1.70
170	18,746	87.80	177.20	12247.55	-6582.17	-79.59	6581.67	6582.65	180.69	1.48	-0.74
171	18,841	89.20	176.80	12250.04	-6677.01	-74.62	6676.53	6677.42	180.64	1.53	1.47
172	18,935	89.70	175.60	12250.94	-6770.79	-68.39	6770.34	6771.14	180.58	1.38	0.53
173	19,029	89.50	173.80	12251.59	-6864.39	-59.71	6863.98	6864.65	180.50	1.93	-0.21