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www.msenergyservices.com

MS Energy Services Survey Data Certification

MS Energy Job Number: DDMO-171827
Survey Type: MWD
Operating Company: RKI Exploration & Production LLC
Well Name & Number: RDX Federal COM 17 44H
Location: Eddy County, NM
API Number: 30-015-44409
Tie In Depth: Surface
Surveyed Depths: 121' – 15,607' MD
Projected TD Survey: 15,656' MD
Dates Performed: 08/30/2017 – 10/25/2017

I certify that the data is true, correct and complete and within the limitations of the tool set forth by MS Energy Services; that I am authorized and qualified to make this report and that I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Energy Services.

Digitally signed by:

MWD Surveyor Name:

Daniel Cantu

Date:

01-23-2018

Email:

dcantu@msenergyservices.com

Company:	RKI Expl & Prod LLC		
Well Name:	RDX Federal COM 17 44H		
Location:	Eddy County, NM		
Rig:	Orion Phoenix	Magnetic Declination:	6.93
Job Number:	DDMO-170827		
API #:	30-015-44409		
Vertical Section Azimuth:	184.74	Proposed Direction:	184.74
Survey Calculation Method:	Minimum Curvature		

Vertical Section Azimuth:				184.74		Proposed Direction:		184.74				
Survey Calculation Method:				Minimum Curvature								
PTB:	MD		INC		AZM	TVD	N/S		E/W		VS	
	15,656		92.49		182.52	10877.41	-5009.19		-437.15		5028.18	
#	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	0	0.00	0.00	0.00	0.00	0.00		0.00				
1	121	0.40	144.80	121.00	-0.35	0.24	0.32	0.42	144.80	0.33	0.33	
2	182	0.40	142.80	182.00	-0.69	0.49	0.65	0.85	144.30	0.02	0.00	
3	243	0.50	138.10	243.00	-1.06	0.80	0.99	1.33	142.82	0.17	0.16	
4	303	0.50	155.50	302.99	-1.49	1.08	1.39	1.84	143.93	0.25	0.00	
5	362	0.50	196.70	361.99	-1.97	1.12	1.87	2.27	150.44	0.60	0.00	
6	424	0.70	168.00	423.99	-2.60	1.12	2.50	2.83	156.72	0.57	0.32	
7	519	0.30	272.40	518.99	-3.16	0.99	3.06	3.31	162.58	0.87	-0.42	
8	609	0.50	305.50	608.98	-2.92	0.44	2.87	2.95	171.51	0.33	0.22	
9	698	0.70	307.30	697.98	-2.36	-0.31	2.38	2.38	187.54	0.23	0.22	
10	789	0.90	298.00	788.97	-1.69	-1.39	1.80	2.19	219.33	0.26	0.22	
11	878	1.00	294.20	877.96	-1.05	-2.71	1.27	2.91	248.92	0.13	0.11	
12	968	0.90	304.40	967.95	-0.32	-4.01	0.65	4.02	265.38	0.22	-0.11	
13	1,060	0.60	338.40	1059.94	0.53	-4.78	-0.13	4.81	276.34	0.57	-0.33	
14	1,150	0.60	340.50	1149.93	1.41	-5.12	-0.99	5.31	285.45	0.02	0.00	
15	1,239	1.00	314.70	1238.92	2.40	-5.82	-1.91	6.30	292.40	0.59	0.45	
16	1,330	1.40	313.70	1329.90	3.73	-7.19	-3.12	8.10	297.39	0.44	0.44	
17	1,422	1.70	312.40	1421.87	5.42	-9.01	-4.66	10.52	301.04	0.33	0.33	
18	1,513	1.70	305.90	1512.83	7.12	-11.10	-6.18	13.19	302.69	0.21	0.00	
19	1,603	1.90	302.00	1602.79	8.70	-13.45	-7.56	16.02	302.89	0.26	0.22	
20	1,693	2.00	296.90	1692.73	10.20	-16.11	-8.83	19.07	302.33	0.22	0.11	
21	1,788	2.20	286.40	1787.67	11.46	-19.34	-9.83	22.48	300.66	0.46	0.21	
22	1,883	2.30	284.50	1882.60	12.46	-22.94	-10.52	26.10	298.51	0.13	0.11	
23	1,978	2.10	287.30	1977.53	13.45	-26.44	-11.22	29.67	296.96	0.24	-0.21	
24	2,073	2.00	287.60	2072.47	14.47	-29.69	-11.97	33.02	295.99	0.11	-0.11	
25	2,168	2.60	281.60	2167.39	15.40	-33.38	-12.59	36.76	294.78	0.68	0.63	
26	2,262	4.20	276.10	2261.22	16.20	-38.89	-12.93	42.13	292.61	1.74	1.70	
27	2,358	5.70	268.10	2356.86	16.41	-47.15	-12.46	49.92	289.20	1.72	1.56	
28	2,453	5.40	265.10	2451.42	15.88	-56.32	-11.17	58.51	285.74	0.44	-0.32	
29	2,548	5.20	265.30	2546.01	15.14	-65.06	-9.71	66.80	283.10	0.21	-0.21	
30	2,642	4.90	265.80	2639.64	14.50	-73.31	-8.39	74.73	281.19	0.32	-0.32	
31	2,737	4.50	266.60	2734.33	13.98	-81.08	-7.23	82.28	279.78	0.43	-0.42	
32	2,832	4.50	257.70	2829.03	12.97	-88.44	-5.61	89.39	278.34	0.73	0.00	
33	2,927	4.70	256.40	2923.73	11.26	-95.86	-3.30	96.52	276.70	0.24	0.21	

Company:	RKI Expl & Prod LLC		
Well Name:	RDX Federal COM 17 44H		
Location:	Eddy County, NM		
Rig:	Orion Phoenix	Magnetic Declination:	6.93 REFERENCED TO GRID NORTH 
Job Number:	DDMO-170827		
API #:	30-015-44409		
Vertical Section Azimuth:	184.74	Proposed Direction:	184.74
Survey Calculation Method:	Minimum Curvature		

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS				
	15,656	92.49	182.52	10877.41	-5009.19	-437.15	5028.18				
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
34	3,021	5.90	260.10	3017.32	9.52	-104.37	-0.86	104.80	275.21	1.33	1.28
35	3,116	5.50	255.40	3111.85	7.53	-113.58	1.88	113.83	273.79	0.65	-0.42
36	3,211	5.30	257.10	3206.43	5.41	-122.27	4.72	122.38	272.53	0.27	-0.21
37	3,306	6.00	274.40	3300.98	4.81	-131.49	6.07	131.58	272.09	1.93	0.74
38	3,401	6.30	281.30	3395.43	6.21	-141.56	5.51	141.69	272.51	0.84	0.32
39	3,464	5.90	280.30	3458.08	7.47	-148.13	4.80	148.32	272.89	0.66	-0.63
40	3,587	5.50	276.20	3580.47	9.23	-160.21	4.04	160.48	273.30	0.46	-0.33
41	3,682	5.50	276.90	3675.03	10.27	-169.26	3.75	169.57	273.47	0.07	0.00
42	3,776	5.40	275.80	3768.61	11.26	-178.13	3.50	178.48	273.62	0.15	-0.11
43	3,870	5.90	274.80	3862.15	12.11	-187.34	3.41	187.74	273.70	0.54	0.53
44	3,965	5.80	274.60	3956.65	12.90	-196.99	3.42	197.42	273.75	0.11	-0.11
45	4,060	7.00	269.50	4051.06	13.24	-207.57	3.96	207.99	273.65	1.40	1.26
46	4,155	7.10	268.50	4145.34	13.03	-219.23	5.13	219.61	273.40	0.17	0.11
47	4,250	6.90	268.40	4239.63	12.72	-230.80	6.39	231.15	273.15	0.21	-0.21
48	4,345	6.60	267.40	4333.98	12.31	-241.96	7.72	242.27	272.91	0.34	-0.32
49	4,440	6.00	267.00	4428.40	11.81	-252.37	9.09	252.65	272.68	0.63	-0.63
50	4,535	5.90	266.40	4522.89	11.24	-262.20	10.46	262.44	272.45	0.12	-0.11
51	4,630	5.50	266.00	4617.42	10.62	-271.62	11.86	271.82	272.24	0.42	-0.42
52	4,724	7.00	271.00	4710.86	10.40	-281.84	12.92	282.03	272.11	1.70	1.60
53	4,819	7.20	270.60	4805.13	10.57	-293.58	13.73	293.77	272.06	0.22	0.21
54	4,914	6.80	269.70	4899.42	10.60	-305.15	14.65	305.34	271.99	0.44	-0.42
55	5,009	6.70	269.40	4993.76	10.51	-316.32	15.66	316.50	271.90	0.11	-0.11
56	5,104	6.30	268.50	5088.15	10.32	-327.07	16.75	327.24	271.81	0.43	-0.42
57	5,198	5.90	268.60	5181.62	10.06	-337.06	17.82	337.21	271.71	0.43	-0.43
58	5,292	5.70	267.50	5275.14	9.74	-346.55	18.93	346.69	271.61	0.24	-0.21
59	5,481	5.30	267.70	5463.27	8.98	-364.65	21.18	364.76	271.41	0.21	-0.21
60	5,576	5.20	267.10	5557.87	8.59	-373.33	22.29	373.43	271.32	0.12	-0.11
61	5,671	6.10	275.90	5652.41	8.89	-382.65	22.76	382.76	271.33	1.31	0.95
62	5,767	6.10	275.50	5747.87	9.90	-392.81	22.59	392.93	271.44	0.04	0.00
63	5,956	5.30	271.70	5935.93	11.12	-411.53	22.92	411.68	271.55	0.47	-0.42
64	6,051	5.10	271.40	6030.54	11.36	-420.13	23.40	420.29	271.55	0.21	-0.21
65	6,146	2.60	264.00	6125.32	11.24	-426.50	24.05	426.65	271.51	2.68	-2.63
66	6,241	0.10	264.30	6220.28	11.00	-428.72	24.46	428.87	271.47	2.63	-2.63
67	6,336	0.00	202.80	6315.28	10.99	-428.81	24.48	428.95	271.47	0.11	-0.11

Company:		RKI Expl & Prod LLC												
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Rig:		Orion Phoenix					Magnetic Declination:		6.93		REFERENCED TO GRID NORTH			
Job Number:		DDMO-170827												
API #:		30-015-44409												
Vertical Section Azimuth:				184.74		Proposed Direction:		184.74						
Survey Calculation Method:				Minimum Curvature										
PTB:	MD		INC		AZM		TVD		N/S		E/W		VS	
	15,656		92.49		182.52		10877.41		-5009.19		-437.15		5028.18	
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance Azm		DLS/ 100	BUR/ 100'			
68	6,431	0.00	262.80	6410.28	10.99	-428.81	24.48	428.95	271.47	0.00	0.00			
69	6,526	0.10	225.10	6505.28	10.94	-428.87	24.54	429.01	271.46	0.11	0.11			
70	6,621	0.20	204.40	6600.28	10.73	-428.99	24.76	429.13	271.43	0.12	0.11			
71	6,716	0.10	158.60	6695.28	10.50	-429.03	24.99	429.16	271.40	0.16	-0.11			
72	6,811	0.30	158.00	6790.28	10.19	-428.91	25.29	429.03	271.36	0.21	0.21			
73	6,905	0.50	159.10	6884.28	9.58	-428.67	25.88	428.78	271.28	0.21	0.21			
74	7,000	0.60	145.10	6979.28	8.78	-428.24	26.63	428.33	271.17	0.18	0.11			
75	7,095	0.60	159.60	7074.27	7.91	-427.78	27.47	427.85	271.06	0.16	0.00			
76	7,189	0.80	161.20	7168.26	6.83	-427.40	28.51	427.45	270.92	0.21	0.21			
77	7,285	0.70	168.10	7264.26	5.62	-427.06	29.69	427.10	270.75	0.14	-0.10			
78	7,380	0.70	146.30	7359.25	4.57	-426.62	30.70	426.64	270.61	0.28	0.00			
79	7,474	0.90	215.80	7453.24	3.49	-426.73	31.78	426.75	270.47	0.99	0.21			
80	7,569	0.50	345.20	7548.24	3.29	-427.27	32.03	427.29	270.44	1.34	-0.42			
81	7,664	0.30	38.70	7643.24	3.88	-427.22	31.44	427.24	270.52	0.42	-0.21			
82	7,759	0.10	72.80	7738.24	4.10	-426.99	31.20	427.01	270.55	0.24	-0.21			
83	7,854	0.70	301.10	7833.23	4.42	-427.41	30.91	427.43	270.59	0.81	0.63			
84	7,949	1.60	299.40	7928.21	5.38	-429.06	30.10	429.09	270.72	0.95	0.95			
85	8,044	0.70	322.80	8023.19	6.49	-430.57	29.11	430.61	270.86	1.05	-0.95			
86	8,138	1.40	296.40	8117.18	7.46	-431.94	28.26	432.01	270.99	0.89	0.74			
87	8,232	1.40	289.30	8211.15	8.35	-434.05	27.55	434.13	271.10	0.18	0.00			
88	8,327	1.70	282.60	8306.11	9.04	-436.52	27.07	436.62	271.19	0.37	0.32			
89	8,422	0.20	224.00	8401.10	9.23	-438.01	27.00	438.11	271.21	1.69	-1.58			
90	8,517	0.20	202.30	8496.10	8.95	-438.19	27.29	438.28	271.17	0.08	0.00			
91	8,612	0.10	190.40	8591.10	8.72	-438.27	27.53	438.36	271.14	0.11	-0.11			
92	8,707	0.10	285.70	8686.10	8.66	-438.37	27.59	438.45	271.13	0.16	0.00			
93	8,801	1.30	348.10	8780.09	9.72	-438.66	26.56	438.77	271.27	1.34	1.28			
94	8,897	1.90	43.90	8876.06	11.94	-437.79	24.28	437.95	271.56	1.65	0.63			
95	8,992	0.50	5.10	8971.04	13.48	-436.66	22.64	436.86	271.77	1.62	-1.47			
96	9,087	0.40	327.70	9066.03	14.18	-436.80	21.96	437.03	271.86	0.32	-0.11			
97	9,182	0.20	334.10	9161.03	14.61	-437.05	21.56	437.29	271.91	0.21	-0.21			
98	9,277	0.10	296.50	9256.03	14.79	-437.19	21.38	437.44	271.94	0.14	-0.11			
99	9,372	0.10	133.70	9351.03	14.77	-437.21	21.41	437.46	271.94	0.21	0.00			
100	9,466	0.50	138.00	9445.03	14.41	-436.87	21.74	437.11	271.89	0.43	0.43			
101	9,561	1.10	132.10	9540.02	13.49	-435.92	22.58	436.13	271.77	0.64	0.63			

Page 3

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Well Name:	RDX Federal COM 17 44H
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Rig:	Orion Phoenix
Job Number:	DDMO-170827
API #:	30-015-44409

Magnetic Declination: 6.93 REFERENCED TO GRID NORTH

Vertical Section Azimuth: 184.74 Proposed Direction: 184.74

Survey Calculation Method: Minimum Curvature

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS				
	15,656	92.49	182.52	10877.41	-5009.19	-437.15	5028.18				
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance	Azm	DLS/ 100	BUR/ 100'
102	9,655	1.10	147.10	9634.00	12.13	-434.76	23.84	434.93	271.60	0.31	0.00
103	9,750	1.00	153.40	9728.99	10.62	-433.89	25.27	434.02	271.40	0.16	-0.11
104	9,845	0.70	152.90	9823.98	9.37	-433.26	26.47	433.36	271.24	0.32	-0.32
105	9,939	0.50	162.60	9917.97	8.46	-432.87	27.34	432.96	271.12	0.24	-0.21
106	10,034	0.50	168.50	10012.97	7.66	-432.67	28.12	432.73	271.01	0.05	0.00
107	10,129	0.50	179.00	10107.96	6.84	-432.58	28.93	432.63	270.91	0.10	0.00
108	10,223	0.30	180.00	10201.96	6.18	-432.57	29.58	432.61	270.82	0.21	-0.21
109	10,313	1.50	182.80	10291.95	4.77	-432.63	30.99	432.65	270.63	1.33	1.33
110	10,408	14.50	186.40	10385.82	-8.35	-434.02	44.18	434.10	268.90	13.69	13.68
111	10,503	24.30	186.00	10475.32	-39.68	-437.40	75.69	439.19	264.82	10.32	10.32
112	10,598	30.70	186.30	10559.54	-83.27	-442.11	119.52	449.88	259.33	6.74	6.74
113	10,693	37.70	184.30	10638.07	-136.41	-446.95	172.87	467.30	253.03	7.46	7.37
114	10,787	45.10	179.20	10708.55	-198.46	-448.64	234.86	490.58	246.14	8.65	7.87
115	10,882	49.90	177.00	10772.72	-268.43	-446.27	304.39	520.78	238.97	5.33	5.05
116	10,978	58.70	179.30	10828.69	-346.27	-443.84	381.76	562.94	232.04	9.37	9.17
117	11,073	71.90	181.00	10868.30	-432.38	-444.14	467.61	619.85	225.77	13.99	13.89
118	11,168	79.90	181.70	10891.42	-524.42	-446.32	559.51	688.63	220.40	8.45	8.42
119	11,244	87.40	181.20	10899.82	-599.88	-448.22	634.86	748.84	216.77	9.89	9.87
120	11,314	89.62	181.59	10901.64	-669.83	-449.93	704.72	806.91	213.89	3.22	3.17
121	11,408	93.59	182.61	10899.01	-763.71	-453.37	798.56	888.14	210.70	4.36	4.22
122	11,503	91.91	179.92	10894.45	-858.56	-455.46	893.26	971.89	207.95	3.34	-1.77
123	11,598	89.00	179.30	10893.70	-953.55	-454.82	987.87	1056.46	205.50	3.13	-3.06
124	11,692	87.98	178.82	10896.18	-1047.50	-453.27	1081.37	1141.36	203.40	1.20	-1.09
125	11,787	87.50	178.42	10899.92	-1142.40	-450.99	1175.76	1228.19	201.54	0.66	-0.51
126	11,881	87.80	178.90	10903.78	-1236.29	-448.79	1269.15	1315.23	199.95	0.60	0.32
127	11,976	90.01	178.82	10905.59	-1331.25	-446.90	1363.63	1404.26	198.56	2.33	2.33
128	12,071	89.48	178.42	10906.01	-1426.22	-444.61	1458.08	1493.92	197.31	0.70	-0.56
129	12,166	90.01	178.11	10906.44	-1521.18	-441.74	1552.48	1584.02	196.19	0.65	0.56
130	12,260	89.00	177.32	10907.25	-1615.10	-437.99	1645.77	1673.43	195.17	1.36	-1.07
131	12,354	90.59	176.00	10907.59	-1708.93	-432.51	1738.83	1762.81	194.20	2.20	1.69
132	12,448	90.81	176.31	10906.44	-1802.71	-426.21	1831.77	1852.41	193.30	0.40	0.23
133	12,543	89.40	178.20	10906.26	-1897.60	-421.66	1925.95	1943.88	192.53	2.48	-1.48
134	12,637	89.62	177.49	10907.07	-1991.53	-418.13	2019.27	2034.95	191.86	0.79	0.23
135	12,733	91.12	179.30	10906.45	-2087.48	-415.44	2114.67	2128.42	191.26	2.45	1.56

Company:		RKI Expl & Prod LLC												
Well Name:		RDX Federal COM 17 44H												
Location:		Eddy County, NM												
Rig:		Orion Phoenix				Magnetic Declination:		6.93		REFERENCED TO GRID NORTH				
Job Number:		DDMO-170827												
API #:		30-015-44409												
Vertical Section Azimuth:		184.74				Proposed Direction:		184.74						
Survey Calculation Method:		Minimum Curvature												
PTB:	MD		INC		AZM		TVD		N/S		E/W		VS	
	15,656		92.49		182.52		10877.41		-5009.19		-437.15		5028.18	
#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S Feet	E/W Feet	Surface Vert Sec	Closure Distance		Azm	DLS/ 100	BUR/ 100'		
136	12,827	89.31	180.23	10906.09	-2181.47	-415.05	2208.31	2220.61	190.77	2.16	-1.93			
137	12,922	90.90	181.33	10905.92	-2276.46	-416.35	2303.08	2314.22	190.36	2.04	1.67			
138	13,017	88.51	179.61	10906.41	-2371.44	-417.13	2397.80	2407.85	189.98	3.10	-2.52			
139	13,112	89.40	179.21	10908.14	-2466.42	-416.15	2492.38	2501.28	189.58	1.03	0.94			
140	13,207	87.89	179.30	10910.39	-2561.39	-414.91	2586.91	2594.77	189.20	1.59	-1.59			
141	13,302	90.59	178.60	10911.65	-2656.35	-413.17	2681.41	2688.29	188.84	2.94	2.84			
142	13,396	90.01	178.11	10911.16	-2750.31	-410.47	2774.82	2780.77	188.49	0.81	-0.62			
143	13,491	92.71	178.99	10908.90	-2845.24	-408.07	2869.23	2874.36	188.16	2.99	2.84			
144	13,586	93.50	181.02	10903.75	-2940.10	-408.08	2963.76	2968.28	187.90	2.29	0.83			
145	13,680	91.60	180.80	10899.57	-3033.99	-409.57	3057.46	3061.51	187.69	2.03	-2.02			
146	13,775	92.09	180.71	10896.51	-3128.93	-410.82	3152.18	3155.79	187.48	0.52	0.52			
147	13,870	89.00	180.09	10895.61	-3223.91	-411.48	3246.89	3250.07	187.27	3.32	-3.25			
148	13,965	91.30	179.92	10895.36	-3318.91	-411.49	3341.56	3344.32	187.07	2.43	2.42			
149	14,059	89.79	180.49	10894.47	-3412.90	-411.83	3435.26	3437.66	186.88	1.72	-1.61			
150	14,153	90.01	180.80	10894.63	-3506.89	-412.89	3529.02	3531.11	186.71	0.40	0.23			
151	14,248	91.91	180.23	10893.04	-3601.87	-413.74	3623.74	3625.56	186.55	2.09	2.00			
152	14,342	92.31	179.70	10889.58	-3695.81	-413.68	3717.35	3718.89	186.39	0.71	0.43			
153	14,437	90.81	180.09	10886.99	-3790.77	-413.51	3811.97	3813.25	186.23	1.63	-1.58			
154	14,532	89.00	180.32	10887.15	-3885.76	-413.85	3906.67	3907.74	186.08	1.92	-1.91			
155	14,626	90.81	180.40	10887.31	-3979.76	-414.44	4000.39	4001.28	185.95	1.93	1.93			
156	14,721	90.41	181.59	10886.30	-4074.74	-416.09	4095.18	4095.92	185.83	1.32	-0.42			
157	14,815	90.01	180.49	10885.95	-4168.72	-417.79	4188.98	4189.60	185.72	1.25	-0.43			
158	14,909	89.22	179.39	10886.58	-4262.71	-417.70	4282.65	4283.13	185.60	1.44	-0.84			
159	15,004	90.19	180.32	10887.07	-4357.71	-417.46	4377.30	4377.66	185.47	1.41	1.02			
160	15,099	92.09	181.02	10885.18	-4452.68	-418.57	4472.04	4472.31	185.37	2.13	2.00			
161	15,193	89.31	181.99	10884.03	-4546.63	-421.03	4565.87	4566.08	185.29	3.13	-2.96			
162	15,287	89.40	181.02	10885.09	-4640.59	-423.50	4659.71	4659.87	185.21	1.04	0.10			
163	15,382	90.41	182.30	10885.25	-4735.55	-426.26	4754.57	4754.69	185.14	1.72	1.06			
164	15,476	90.90	181.81	10884.17	-4829.48	-429.63	4848.46	4848.55	185.08	0.74	0.52			
165	15,570	92.71	182.69	10881.21	-4923.36	-433.31	4942.32	4942.39	185.03	2.14	1.93			
166	15,607	92.49	182.52	10879.54	-4960.28	-434.99	4979.26	4979.32	185.01	0.75	-0.59			