



7821 Will Rogers Blvd.
Fort Worth, Texas 76140

817.568.1038 (office)
817.568.1499 (fax)
www.msenergyservices.com

MS Energy Services Survey Data Certification

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 28 2017

RECEIVED

MS Energy Job Number: DDMO-170604
Survey Type: MWD
Operating Company: Matador Production Company
Well Name & Number: Tiger 14-24S-28E RB 201H
Location: Eddy County, NM
API Number: 30-015-44162
Dates Performed: 07/06/2017 – 08/15/2017

Original Wellbore

Tie In Depth: Surface
Surveyed Depths: 197' – 9,234' MD
Projected TD Survey: 9,348' MD

Sidetrack

Tie In Depth: 9,094' MD
Survey Depths: 9,141' – 14,557' MD
Projected TD Survey: 14,650' MD

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:

Tim Little

MWD Surveyor Name: Tim Little

Date: 09-01-2017

Email: tlittle@msenergyservices.com

Company:	Matador Production Company		
Well Name:	Tiger 14-24S-28E RB 201H - OWB		
Location:	Eddy County, NM		
Rig:	Patterson #297	Magnetic Declination:	7.09
Job Number:	DDMO-170604	REFERENCED TO GRID NORTH	
API #:	30-015-44162		

Vertical Section Azimuth:	271.35	Proposed Direction:	271.35
---------------------------	--------	---------------------	--------

Survey Calculation Method:	Minimum Curvature
----------------------------	-------------------

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS				
	9,348	23.1	298	9319.57	-265.11	239.55	-245.73				
#	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	197	0.60	321.10	197.00	0.80	-0.65	0.67	1.03	321.10	0.30	0.30
2	323	0.90	273.80	322.99	1.38	-2.05	2.08	2.47	303.99	0.52	0.24
3	477	0.60	248.30	476.97	1.16	-4.01	4.03	4.17	286.20	0.29	-0.19
4	614	0.70	217.80	613.97	0.24	-5.18	5.19	5.19	272.62	0.26	0.07
5	706	0.60	209.20	705.96	-0.63	-5.76	5.75	5.80	263.79	0.15	-0.11
6	797	0.50	170.00	796.96	-1.43	-5.93	5.89	6.10	256.40	0.42	-0.11
7	888	0.60	144.40	887.95	-2.21	-5.58	5.53	6.00	248.38	0.29	0.11
8	982	1.40	141.40	981.94	-3.51	-4.58	4.49	5.77	232.52	0.85	0.85
9	1,075	2.90	135.80	1074.87	-6.08	-2.23	2.09	6.48	200.12	1.63	1.61
10	1,169	3.00	130.10	1168.74	-9.37	1.31	-1.53	9.47	172.05	0.33	0.11
11	1,263	2.80	129.90	1262.62	-12.43	4.95	-5.24	13.38	158.28	0.21	-0.21
12	1,356	3.30	134.40	1355.49	-15.76	8.61	-8.98	17.96	151.36	0.60	0.54
13	1,450	4.20	132.30	1449.29	-19.97	13.09	-13.55	23.88	146.76	0.97	0.96
14	1,544	4.30	130.60	1543.03	-24.58	18.31	-18.88	30.65	143.32	0.17	0.11
15	1,637	3.70	129.20	1635.80	-28.75	23.28	-23.95	36.99	141.00	0.65	-0.65
16	1,731	4.30	130.10	1729.57	-32.93	28.33	-29.10	43.44	139.30	0.64	0.64
17	1,824	4.50	125.70	1822.30	-37.31	33.96	-34.83	50.45	137.69	0.42	0.22
18	1,918	4.70	125.30	1916.00	-41.69	40.09	-41.07	57.84	136.11	0.22	0.21
19	2,012	5.40	127.80	2009.63	-46.62	46.73	-47.82	66.01	134.93	0.78	0.74
20	2,106	5.00	129.50	2103.25	-51.94	53.39	-54.60	74.48	134.21	0.46	-0.43
21	2,199	5.10	134.30	2195.88	-57.40	59.47	-60.81	82.66	133.98	0.47	0.11
22	2,293	5.50	135.70	2289.48	-63.54	65.61	-67.09	91.34	134.08	0.45	0.43
23	2,387	5.60	137.40	2383.04	-70.15	71.86	-73.49	100.42	134.31	0.20	0.11
24	2,480	3.90	130.70	2475.72	-75.55	77.33	-79.09	108.11	134.33	1.92	-1.83
25	2,574	3.20	125.70	2569.54	-79.16	81.88	-83.73	113.89	134.03	0.81	-0.74
26	2,667	3.60	125.00	2662.38	-82.35	86.38	-88.30	119.35	133.63	0.43	0.43
27	2,691	3.90	125.70	2686.32	-83.26	87.66	-89.60	120.90	133.52	1.26	1.25
28	2,781	4.40	133.30	2776.09	-87.42	92.66	-94.70	127.39	133.33	0.82	0.56
29	2,844	4.50	131.40	2838.90	-90.71	96.28	-98.39	132.28	133.29	0.28	0.16
30	2,937	4.40	136.50	2931.62	-95.71	101.47	-103.69	139.48	133.33	0.44	-0.11
31	3,031	4.20	132.20	3025.35	-100.64	106.50	-108.84	146.53	133.38	0.40	-0.21
32	3,125	5.40	129.70	3119.02	-105.77	112.45	-114.91	154.38	133.25	1.30	1.28
33	3,218	6.80	129.00	3211.49	-112.03	120.10	-122.71	164.24	133.01	1.51	1.51

Company:		Matador Production Company									
Well Name:		Tiger 14-24S-28E RB 201H - OWB									
Location:		Eddy County, NM									
Rig:		Patterson #297				Magnetic Declination:		7.09		REFERENCED TO GRID NORTH 	
Job Number:		DDMO-170604									
API #:		30-015-44162									
Vertical Section Azimuth:				271.35		Proposed Direction:		271.35			
Survey Calculation Method:				Minimum Curvature							
PTB:	MD	INC		AZM		TVD	N/S	E/W		VS	
	9,348	23.1		298		9319.57	-265.11	239.55		-245.73	
#	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	3,312	7.30	126.80	3304.78	-119.11	129.21	-131.98	175.73	132.67	0.60	0.53
35	3,406	6.80	128.30	3398.07	-126.14	138.36	-141.29	187.23	132.36	0.57	-0.53
36	3,499	7.50	131.90	3490.35	-133.61	147.19	-150.30	198.79	132.23	0.89	0.75
37	3,593	6.90	130.70	3583.61	-141.38	156.04	-159.33	210.57	132.18	0.66	-0.64
38	3,687	7.90	132.40	3676.82	-149.42	165.09	-168.57	222.67	132.15	1.09	1.06
39	3,780	8.00	134.40	3768.93	-158.26	174.44	-178.12	235.53	132.22	0.32	0.11
40	3,874	7.90	133.00	3862.03	-167.24	183.83	-187.72	248.53	132.29	0.23	-0.11
41	3,968	7.40	133.60	3955.19	-175.82	192.94	-197.03	261.04	132.34	0.54	-0.53
42	4,062	7.30	132.00	4048.42	-183.99	201.76	-206.04	273.06	132.36	0.24	-0.11
43	4,155	7.00	132.20	4140.69	-191.75	210.35	-214.81	284.64	132.35	0.32	-0.32
44	4,249	8.20	133.70	4233.87	-200.23	219.44	-224.10	297.07	132.38	1.29	1.28
45	4,342	8.60	133.70	4325.87	-209.62	229.26	-234.14	310.65	132.44	0.43	0.43
46	4,436	8.40	133.50	4418.84	-219.20	239.33	-244.42	324.54	132.49	0.22	-0.21
47	4,530	8.50	134.60	4511.82	-228.80	249.25	-254.57	338.35	132.55	0.20	0.11
48	4,623	6.90	134.10	4603.97	-237.52	258.16	-263.68	350.80	132.62	1.72	-1.72
49	4,717	5.20	133.10	4697.45	-244.36	265.32	-271.01	360.71	132.64	1.81	-1.81
50	4,811	4.90	132.40	4791.08	-249.98	271.40	-277.21	368.98	132.65	0.33	-0.32
51	4,904	3.90	131.00	4883.81	-254.73	276.72	-282.64	376.11	132.63	1.08	-1.08
52	4,998	3.70	128.30	4977.60	-258.71	281.51	-287.53	382.33	132.58	0.29	-0.21
53	5,091	2.20	155.20	5070.48	-262.19	284.62	-290.71	386.97	132.65	2.15	-1.61
54	5,185	2.00	153.70	5164.42	-265.30	286.10	-292.27	390.17	132.84	0.22	-0.21
55	5,279	0.90	144.70	5258.38	-267.37	287.25	-293.47	392.43	132.95	1.19	-1.17
56	5,466	0.90	143.80	5445.36	-269.75	288.97	-295.24	395.31	133.03	0.01	0.00
57	5,654	0.90	158.30	5633.34	-272.32	290.39	-296.72	398.10	133.16	0.12	0.00
58	5,841	0.20	94.80	5820.33	-273.71	291.26	-297.62	399.68	133.22	0.44	-0.37
59	6,028	0.20	243.30	6007.33	-273.88	291.29	-297.66	399.83	133.24	0.21	0.00
60	6,216	0.50	189.60	6195.33	-274.84	290.86	-297.25	400.17	133.38	0.22	0.16
61	6,403	0.90	229.70	6382.31	-276.59	289.60	-296.04	400.47	133.68	0.33	0.21
62	6,590	1.00	215.20	6569.29	-278.88	287.54	-294.03	400.57	134.12	0.14	0.05
63	6,777	0.50	169.00	6756.27	-281.01	286.76	-293.30	401.49	134.42	0.40	-0.27
64	6,964	0.40	76.40	6943.27	-281.66	287.55	-294.10	402.51	134.41	0.35	-0.05
65	7,151	0.90	234.90	7130.26	-282.35	286.98	-293.55	402.59	134.53	0.68	0.27
66	7,339	1.00	274.10	7318.24	-283.08	284.14	-290.73	401.08	134.89	0.34	0.05
67	7,526	0.70	204.10	7505.22	-284.01	282.04	-288.66	400.26	135.20	0.54	-0.16

Company:		Matador Production Company												
Well Name:		Tiger 14-24S-28E RB 201H - OWB												
Location:		Eddy County, NM												
Rig:		Patterson #297				Magnetic Declination:		7.09		REFERENCED TO GRID NORTH				
Job Number:		DDMO-170604												
API #:		30-015-44162												
Vertical Section Azimuth:					271.35		Proposed Direction:		271.35					
Survey Calculation Method:					Minimum Curvature									
PTB:	MD		INC		AZM		TVD		N/S		E/W		VS	
	9,348		23.1		298		9319.57		-265.11		239.55		-245.73	
#	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	7,713	1.50	132.70	7692.19	-286.71	283.37	-290.05	403.12		135.34	0.77	0.43		
69	7,900	2.10	102.60	7879.10	-289.12	288.52	-295.25	408.45		135.06	0.59	0.32		
70	8,087	1.60	180.60	8066.03	-292.48	291.83	-298.64	413.17		135.06	1.26	-0.27		
71	8,275	1.80	4.10	8254.00	-292.15	292.02	-298.82	413.07		135.01	1.81	0.11		
72	8,462	1.20	349.60	8440.94	-287.30	291.87	-298.56	409.55		134.55	0.38	-0.32		
73	8,649	0.50	346.44	8627.92	-284.58	291.33	-297.95	407.26		134.33	0.38	-0.37		
74	8,836	0.80	246.20	8814.91	-284.31	289.94	-296.56	406.08		134.44	0.54	0.16		
75	9,024	1.60	181.60	9002.87	-287.47	288.67	-295.36	407.39		134.88	0.77	0.43		
76	9,047	1.70	183.00	9025.86	-288.13	288.64	-295.35	407.84		134.95	0.47	0.43		
77	9,094	1.50	217.40	9072.85	-289.31	288.23	-294.97	408.39		135.11	2.05	-0.43		
78	9,141	6.20	276.80	9119.74	-289.50	285.34	-292.08	406.48		135.42	11.89	10.00		
79	9,188	12.80	291.70	9166.07	-287.27	277.97	-284.66	399.74		135.94	14.87	14.04		
80	9,234	13.70	298.20	9210.85	-282.82	268.43	-275.02	389.92		136.49	3.78	1.96		
81	9,301	17.10	305.00	9275.44	-273.41	253.37	-259.74	372.76		137.18	5.74	5.07		

Company:	Matador Production Company			
Well Name:	Tiger 14-24S-28E RB 201H - ST			
Location:	Eddy County, NM			
Rig:	Patterson #297	Magnetic Declination:	7.09	REFERENCED TO GRID NORTH
Job Number:	DDMO-170604			
API #:	30-015-44162			

Vertical Section Azimuth:	271.35	Proposed Direction:	271.35
---------------------------	--------	---------------------	--------

Survey Calculation Method:	Minimum Curvature
----------------------------	-------------------

PTB:	MD	INC	AZM	TVD	N/S	E/W	VS
	14,650	90.4	271.3	9603.99	160.9	-4861.17	4863.61

#	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	9,094	1.50	217.40	9072.84	-289.31	288.23	-294.97	408.38	135.11		
1	9,141	2.60	279.10	9119.81	-289.63	286.80	-293.55	407.61	135.28	4.90	2.34
2	9,151	1.20	311.20	9129.81	-289.53	286.50	-293.24	407.32	135.30	17.07	-14.00
3	9,172	3.20	349.80	9150.79	-288.80	286.23	-292.96	406.62	135.26	11.35	9.52
4	9,203	6.90	345.00	9181.67	-286.15	285.60	-292.26	404.29	135.06	12.00	11.94
5	9,234	11.10	341.40	9212.28	-281.52	284.16	-290.72	400.00	134.73	13.66	13.55
6	9,265	15.40	334.30	9242.45	-274.98	281.42	-287.82	393.46	134.34	14.81	13.87
7	9,296	19.60	328.20	9272.01	-266.85	276.90	-283.11	384.55	133.94	14.77	13.55
8	9,327	24.00	323.40	9300.79	-257.36	270.39	-276.38	373.30	133.59	15.30	14.19
9	9,359	28.20	317.70	9329.52	-246.54	261.42	-267.16	359.34	133.32	15.27	13.13
10	9,390	31.00	308.10	9356.49	-236.19	250.20	-255.69	344.07	133.35	17.74	9.03
11	9,421	33.50	299.70	9382.72	-227.02	236.48	-241.76	327.81	133.83	16.54	8.06
12	9,452	36.20	290.90	9408.17	-219.51	220.48	-225.59	311.12	134.87	18.39	8.71
13	9,483	40.70	286.60	9432.45	-213.35	202.23	-207.20	293.97	136.53	16.88	14.52
14	9,514	45.90	285.80	9455.00	-207.43	181.82	-186.66	275.83	138.76	16.87	16.77
15	9,546	49.30	284.90	9476.58	-201.18	159.03	-163.73	256.45	141.67	10.83	10.63
16	9,577	51.20	284.70	9496.40	-195.09	135.99	-140.55	237.81	145.12	6.15	6.13
17	9,608	53.70	283.30	9515.29	-189.15	112.15	-116.57	219.90	149.34	8.82	8.06
18	9,639	57.10	283.20	9532.89	-183.30	87.31	-91.61	203.04	154.53	10.97	10.97
19	9,670	59.10	283.30	9549.27	-177.27	61.69	-65.85	187.70	160.81	6.46	6.45
20	9,701	61.40	283.70	9564.65	-170.99	35.53	-39.54	174.64	168.26	7.50	7.42
21	9,748	65.20	285.60	9585.77	-160.36	-5.08	1.30	160.44	181.82	8.85	8.09
22	9,795	68.60	286.60	9604.21	-148.37	-46.61	43.10	155.52	197.44	7.49	7.23
23	9,842	70.20	287.80	9620.74	-135.36	-88.64	85.42	161.80	213.22	4.16	3.40
24	9,889	71.40	288.20	9636.20	-121.64	-130.85	127.95	178.66	227.09	2.68	2.55
25	9,954	75.00	288.50	9654.98	-102.05	-189.90	187.44	215.59	241.75	5.56	5.54
26	10,042	79.20	287.90	9674.63	-75.27	-271.37	269.52	281.62	254.50	4.82	4.77
27	10,073	83.90	286.20	9679.18	-66.29	-300.68	299.03	307.90	257.57	16.10	15.16
28	10,136	93.10	285.40	9680.83	-49.16	-361.21	359.95	364.54	262.25	14.66	14.60
29	10,231	93.10	283.30	9675.69	-25.65	-453.11	452.38	453.83	266.76	2.21	0.00
30	10,325	91.50	281.50	9671.92	-5.48	-544.83	544.55	544.86	269.42	2.56	-1.70
31	10,419	90.80	279.60	9670.03	11.72	-637.22	637.32	637.33	271.05	2.15	-0.74
32	10,513	91.50	277.80	9668.14	25.94	-730.12	730.53	730.58	272.03	2.05	0.74
33	10,607	90.30	274.70	9666.67	36.17	-823.53	824.16	824.33	272.51	3.54	-1.28

Company:		Matador Production Company										
Well Name:		Tiger 14-24S-28E RB 201H - ST										
Location:		Eddy County, NM										
Rig:		Patterson #297					Magnetic Declination:		7.09		REFERENCED TO GRID NORTH	
Job Number:		DDMO-170604										
API #:		30-015-44162										
Vertical Section Azimuth:			271.35			Proposed Direction:		271.35				
Survey Calculation Method:			Minimum Curvature									
PTB:	MD	INC		AZM		TVD	N/S	E/W		VS		
	14,650	90.4		271.3		9603.99	160.9	-4861.17		4863.61		
#	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	10,701	89.60	273.70	9666.75	43.05	-917.28	918.04	918.29	272.69	1.30	-0.74	
35	10,795	89.80	273.40	9667.24	48.87	-1011.10	1011.97	1012.28	272.77	0.38	0.21	
36	10,888	90.50	273.40	9667.00	54.39	-1103.93	1104.91	1105.27	272.82	0.75	0.75	
37	10,982	91.20	273.80	9665.60	60.29	-1197.74	1198.82	1199.25	272.88	0.86	0.74	
38	11,076	91.50	273.70	9663.39	66.44	-1291.51	1292.72	1293.22	272.94	0.34	0.32	
39	11,171	94.00	274.70	9658.83	73.39	-1386.14	1387.48	1388.08	273.03	2.83	2.63	
40	11,264	93.30	273.50	9652.91	80.02	-1478.71	1480.18	1480.87	273.10	1.49	-0.75	
41	11,358	91.00	270.90	9649.38	83.62	-1572.56	1574.09	1574.78	273.04	3.69	-2.45	
42	11,452	89.00	270.10	9649.38	84.44	-1666.55	1668.08	1668.69	272.90	2.29	-2.13	
43	11,547	90.10	270.80	9650.13	85.19	-1761.54	1763.06	1763.60	272.77	1.37	1.16	
44	11,641	90.70	270.20	9649.47	86.01	-1855.53	1857.05	1857.53	272.65	0.90	0.64	
45	11,735	92.20	270.60	9647.09	86.67	-1949.50	1951.00	1951.42	272.55	1.65	1.60	
46	11,829	91.60	270.60	9643.98	87.65	-2043.44	2044.94	2045.32	272.46	0.64	-0.64	
47	11,923	90.20	271.10	9642.50	89.05	-2137.42	2138.92	2139.27	272.39	1.58	-1.49	
48	12,016	90.40	272.00	9642.01	91.56	-2230.38	2231.92	2232.26	272.35	0.99	0.22	
49	12,111	91.30	271.30	9640.61	94.30	-2325.33	2326.91	2327.24	272.32	1.20	0.95	
50	12,205	89.50	270.90	9639.95	96.10	-2419.31	2420.90	2421.21	272.27	1.96	-1.91	
51	12,298	91.50	271.60	9639.14	98.13	-2512.27	2513.89	2514.19	272.24	2.28	2.15	
52	12,393	89.90	270.90	9637.98	100.20	-2607.24	2608.88	2609.17	272.20	1.84	-1.68	
53	12,487	92.40	271.60	9636.09	102.25	-2701.19	2702.85	2703.13	272.17	2.76	2.66	
54	12,581	91.20	273.00	9633.14	106.02	-2795.07	2796.79	2797.08	272.17	1.96	-1.28	
55	12,615	88.30	272.30	9633.29	107.59	-2829.03	2830.77	2831.07	272.18	8.77	-8.53	
56	12,644	87.60	271.60	9634.32	108.58	-2857.99	2859.75	2860.05	272.18	3.41	-2.41	
57	12,675	84.20	271.30	9636.54	109.36	-2888.90	2890.67	2890.96	272.17	11.01	-10.97	
58	12,768	87.30	271.70	9643.43	111.79	-2981.60	2983.40	2983.69	272.15	3.36	3.33	
59	12,799	89.40	272.30	9644.32	112.87	-3012.56	3014.39	3014.68	272.15	7.05	6.77	
60	12,862	88.60	272.00	9645.42	115.23	-3075.51	3077.37	3077.67	272.15	1.36	-1.27	
61	12,956	88.20	270.90	9648.05	117.61	-3169.44	3171.33	3171.62	272.13	1.24	-0.43	
62	13,050	89.20	271.10	9650.18	119.25	-3263.40	3265.30	3265.58	272.09	1.08	1.06	
63	13,081	91.90	271.20	9649.88	119.87	-3294.39	3296.30	3296.57	272.08	8.72	8.71	
64	13,113	92.30	271.50	9648.71	120.63	-3326.36	3328.28	3328.55	272.08	1.56	1.25	
65	13,144	92.00	271.60	9647.55	121.47	-3357.33	3359.26	3359.52	272.07	1.02	-0.97	
66	13,239	91.80	271.70	9644.40	124.20	-3452.23	3454.20	3454.47	272.06	0.24	-0.21	
67	13,333	92.50	271.70	9640.87	126.99	-3546.13	3548.13	3548.40	272.05	0.74	0.74	

Company:		Matador Production Company				Magnetic Declination: 7.09 REFERENCED TO GRID NORTH					
Well Name:		Tiger 14-24S-28E RB 201H - ST									
Location:		Eddy County, NM									
Rig:		Patterson #297									
Job Number:		DDMO-170604									
API #:		30-015-44162				Proposed Direction: 271.35					
Vertical Section Azimuth:			271.35								
Survey Calculation Method:			Minimum Curvature								
PTB:	MD	INC	AZM	TVD	N/S	E/W	VS				
	14,650	90.4	271.3	9603.99	160.9	-4861.17	4863.61				
#	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	13,427	92.50	271.00	9636.77	129.20	-3640.01	3642.04	3642.30	272.03	0.74	0.00
69	13,521	95.40	271.90	9630.30	131.57	-3733.75	3735.81	3736.06	272.02	3.23	3.09
70	13,615	96.10	273.00	9620.88	135.57	-3827.19	3829.32	3829.59	272.03	1.38	0.74
71	13,678	92.40	272.80	9616.21	138.75	-3889.92	3892.11	3892.39	272.04	5.88	-5.87
72	13,709	89.50	272.70	9615.70	140.23	-3920.88	3923.09	3923.38	272.05	9.36	-9.35
73	13,804	88.30	271.80	9617.52	143.96	-4015.78	4018.06	4018.36	272.05	1.58	-1.26
74	13,898	88.80	270.80	9619.90	146.09	-4109.73	4112.03	4112.32	272.04	1.19	0.53
75	13,992	89.90	269.90	9620.96	146.67	-4203.72	4206.01	4206.28	272.00	1.51	1.17
76	14,086	92.20	270.80	9619.24	147.24	-4297.69	4299.97	4300.21	271.96	2.63	2.45
77	14,180	93.10	271.60	9614.90	149.21	-4391.57	4393.87	4394.10	271.95	1.28	0.96
78	14,275	93.90	271.80	9609.10	152.02	-4486.35	4488.69	4488.93	271.94	0.87	0.84
79	14,306	92.00	271.90	9607.50	153.02	-4517.29	4519.64	4519.88	271.94	6.14	-6.13
80	14,368	90.10	270.40	9606.37	154.26	-4579.26	4581.63	4581.86	271.93	3.90	-3.06
81	14,463	90.80	271.90	9605.62	156.17	-4674.24	4676.62	4676.85	271.91	1.74	0.74
82	14,557	90.40	271.30	9604.63	158.79	-4768.20	4770.61	4770.84	271.91	0.77	-0.43