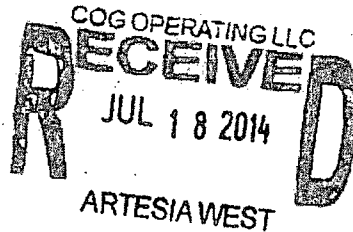




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



June 24, 2014

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

30-015-42132

RE: Jack Federal #2H
240' FNL & 330' FWL
Sec. 31, T25S, R27E
Eddy County, New Mexico

Dear Sir,

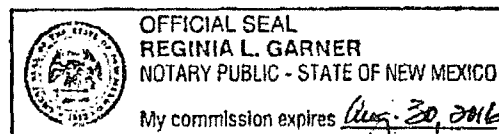
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 24th day of June, 2014.



Jack Federal #2H

Date	Depth	Deviation	Direction	TVD
6/3/2014	180	0.10	0.00	229.00
6/3/2014	355	0.50	0.00	0.00
6/5/2014	602	0.30	0.00	0.00
6/5/2014	1036	0.30	0.00	0.00
6/5/2014	1488	0.60	0.00	0.00
6/6/2014	1885	0.50	0.00	0.00
6/6/2014	1916	0.30	0.00	0.00
6/7/2014	2030	0.20	236.30	0.00
6/7/2014	2447	3.90	103.40	2446.35
6/7/2014	2638	3.10	89.90	2637.00
6/7/2014	2733	3.30	92.20	0.00
6/8/2014	2924	3.40	82.50	0.00
6/8/2014	3020	3.00	82.70	0.00
6/8/2014	3117	3.10	85.70	0.00
6/8/2014	3309	2.90	88.00	0.00
6/8/2014	3597	2.90	95.00	0.00
6/8/2014	3885	3.00	99.80	0.00
6/8/2014	4076	2.80	82.70	0.00
6/8/2014	4172	2.80	83.40	0.00
6/8/2014	4268	2.90	87.80	0.00
6/8/2014	4459	3.10	92.50	0.00
6/8/2014	4555	3.20	95.50	0.00
6/8/2014	4651	3.00	102.00	0.00
6/9/2014	4843	3.80	101.70	0.00
6/9/2014	5035	2.80	82.90	0.00
6/9/2014	5130	2.70	85.20	0.00
6/9/2014	5223	3.00	81.10	5318.00
6/9/2014	5418	2.60	81.30	5413.00
6/9/2014	5513	3.00	86.60	5508.00
6/9/2014	5609	2.80	91.00	5604.00
6/9/2014	5703	2.20	91.70	5698.00
6/9/2014	5799	2.10	83.60	5793.00
6/9/2014	5895	2.50	89.90	5889.00
6/10/2014	6182	1.80	109.20	0.00
6/10/2014	6278	1.80	77.10	0.00
6/10/2014	6335	1.80	77.10	0.00
6/10/2014	6566	1.90	101.90	6560.00
6/11/2014	6791	4.80	143.70	6785.00
6/11/2014	6855	12.60	141.10	6848.00
6/11/2014	6920	17.80	161.50	6911.00
6/11/2014	7016	28.00	164.10	6999.00
6/12/2014	7048	31.40	166.40	0.00
6/12/2014	7080	34.50	168.70	0.00

Date	Depth	Deviation	Direction	TVD
6/12/2014	7112	37.10	170.60	0.00
6/12/2014	7240	48.80	177.50	7173.00
6/12/2014	7272	52.00	178.50	7194.00
6/12/2014	7304	64.60	179.00	7213.00
6/12/2014	7368	59.40	180.40	7247.00
6/12/2014	7400	61.30	181.70	7263.00
6/12/2014	7432	63.00	183.30	7278.00
6/12/2014	7496	68.10	185.40	7305.00
6/13/2014	7522	70.10	184.50	0.00
6/13/2014	7554	72.20	182.80	0.00
6/13/2014	7586	75.30	181.50	0.00
6/14/2014	7714	79.50	179.60	7358.00
6/14/2014	7970	87.90	182.80	7379.00
6/14/2014	8162	88.50	181.40	7384.00
6/14/2014	8258	88.60	180.70	7387.00
6/14/2014	8354	88.50	179.60	7389.00
6/14/2014	8450	88.40	179.30	7392.00
6/14/2014	8642	90.70	183.30	0.00
6/14/2014	8834	89.80	185.20	0.00
6/14/2014	8929	89.40	185.60	0.00
6/15/2014	9116	89.00	185.80	7396.00
6/15/2014	9587	88.80	182.40	7406.00
6/15/2014	9691	88.60	182.40	7408.00
6/15/2014	9775	88.50	182.40	7411.00
6/15/2014	9870	89.90	182.60	7412.00
6/15/2014	9964	90.20	182.20	7412.00
6/15/2014	10057	90.60	183.10	7411.00
6/15/2014	10150	89.80	183.70	0.00
6/15/2014	10241	90.20	183.70	0.00
6/15/2014	10337	89.50	183.10	0.00
6/15/2014	10431	89.70	182.00	0.00
6/15/2014	10524	90.00	182.40	0.00
6/16/2014	10711	89.70	180.30	7413.00
6/16/2014	10899	89.30	182.80	7415.00
6/16/2014	11085	89.50	182.80	7417.00
6/16/2014	11180	89.50	182.40	7418.00
6/16/2014	11273	89.30	181.70	7419.00
6/16/2014	11367	89.80	181.70	7419.00
6/16/2014	11461	90.30	181.50	7419.00
6/16/2014	11556	91.00	181.20	7418.00



June 13, 2014

Concho Resources, Inc.
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701

Attn: Kanicia Castillo

RE: Jack Federal No. 002H

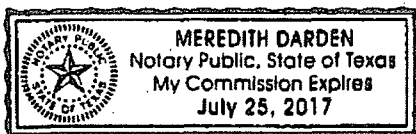
Please find enclosed a copy of the survey from 0.00' to 1,913.00' ran on the
above referenced well.

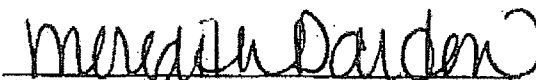
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 13th day of June,
A.D., 2014, by Keith Havelka.




Meredith Darden
Notary Public, State of Texas



Company: COG Operating, LLC (Concho)

Lease/Well: Jack Federal/No. 002H

Location: S31 T25S R27E

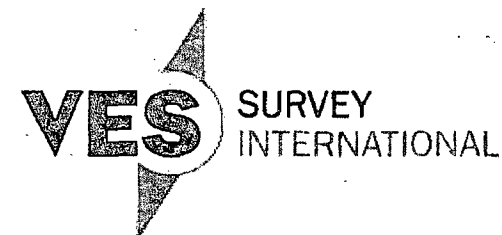
Rig Name: Silveroak 1

State/County: New Mexico/Eddy

Latitude: 32.09, Longitude: -104.24

GRID North is 0.05 Degrees East of True North

VS-Azi: 179.47 Degrees



Depth Reference : R.K.B. = 17 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: gryo survey.ut

Minimum Curvature Method

Report Date/Time: 6/13/2014 / 14:45

VES Survey International

Midland, TX

432-563-5444

Surveyor: Andrew Askew

Jack Federal No. 002H / API 30-015-42132

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.18	117.80	100.00	-0.08	0.14	0.08	0.16	117.80	0.18
200.00	0.52	110.72	200.00	-0.31	0.71	0.32	0.78	113.64	0.34
300.00	0.52	117.52	299.99	-0.68	1.54	0.70	1.69	113.89	0.06
400.00	0.43	143.39	399.99	-1.20	2.17	1.22	2.48	118.86	0.23
500.00	0.32	162.76	499.99	-1.76	2.48	1.79	3.04	125.43	0.17
600.00	0.24	189.52	599.99	-2.23	2.52	2.26	3.37	131.53	0.15
700.00	0.09	352.70	699.99	-2.36	2.48	2.39	3.43	133.65	0.33
800.00	0.30	123.03	799.99	-2.43	2.69	2.45	3.62	132.08	0.37
900.00	0.31	111.23	899.98	-2.67	3.16	2.70	4.14	130.17	0.06
1000.00	0.20	108.92	999.98	-2.82	3.58	2.86	4.56	128.26	0.11
1100.00	0.26	170.28	1099.98	-3.10	3.78	3.14	4.89	129.34	0.24
1200.00	0.35	173.32	1199.98	-3.62	3.86	3.66	5.29	133.19	0.09
1300.00	0.35	103.72	1299.98	-3.99	4.19	4.03	5.78	133.63	0.40
1400.00	0.63	47.18	1399.98	-3.69	4.89	3.73	6.12	127.03	0.53
1500.00	0.10	298.41	1499.98	-3.27	5.22	3.32	6.16	122.07	0.67
1600.00	0.53	90.67	1599.97	-3.23	5.60	3.28	6.47	119.99	0.62
1700.00	1.00	78.01	1699.96	-3.06	6.92	3.12	7.56	113.84	0.50
1800.00	0.30	32.22	1799.96	-2.65	7.92	2.72	8.35	108.51	0.82

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1913.00	0.40	327.55	1912.96	-2.07	7.87	2.14	8.13	104.73	0.34



VES Survey International
Midland, TX
432-563-5444
Surveyor: Andrew Askew
Jack Federal No. 002H / API 30-015-42132



0-Depth=0.0, Inc=0.0, AzG=0.0

Depth=1913.0, Inc=0.4, AzG=327.6

Depth=700.0, Inc=0.1, AzG=352.7

+
Z

Depth=1300.0, Inc=0.3, AzG=103.7

-5

5

10

-W/+E

V.E.S. Survey Date: 06/07/2014



State of New Mexico
County of Eddy

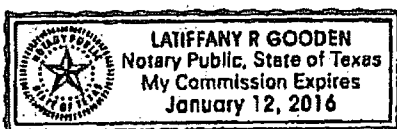
I, Michael K. Baber, certify that: I am employed by Terra Directional Services LLC; that I did on the day(s) of 06/06/2014 through 06/17/2014 conduct or supervise the taking of a MWD survey from a depth of 2030 feet to a depth 11762 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Terra Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of Concho Oil & Gas for the Jack Federal #2H Well API 30-015-42132 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Terra Directional Services LLC.

A handwritten signature of Michael K. Baber, written in dark ink, positioned above a horizontal line.

Michael K. Baber
MWD Operations Manager

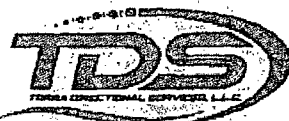
State of Texas
County of Montgomery

Before me, a notary public, on this day personally appeared Michael K. Baber, known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.



A handwritten signature of the Notary Public, written in dark ink, positioned above a horizontal line.

Notary Public's Signature



Customer Name: COG Operating, LLC
 Well Name: Jack Federal # 2H
 API Number: 30-015-42132
 County / Parish: Eddy Co New Mexico

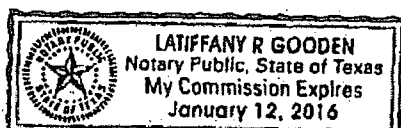
M.W.D. Operator: Luis Natividad
 Directional Driller: Don Hale
 Total Magnetic Correction: 7.47
 Job #: NM-444

Vertical Section: 179.47

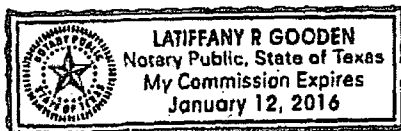
Tie In Survey(s) Provided By:

Vaughn Energy Services

	Meas. Depth	Inc.	Azm.	T.V.D.	Ver. Sect.	+N / -S	+E / -W	Dist.	Angle	DLS
Tie - In										
0	1913.00	0.40	327.55	1912.96	2.14	-2.07	7.87	8.13	104.73	0.34
1	2030.00	0.20	236.30	2029.96	1.91	-1.84	7.48	7.70	103.81	0.39
2	2065.00	0.20	187.30	2064.96	2.00	-1.93	7.42	7.67	104.60	0.47
3	2160.00	1.80	121.70	2159.94	2.96	-2.88	8.67	9.14	108.38	1.82
4	2256.00	3.70	101.90	2255.83	4.43	-4.31	12.99	13.68	108.37	2.18
5	2351.00	4.30	102.60	2350.60	5.90	-5.72	19.46	20.28	106.38	0.63
6	2447.00	3.90	103.40	2446.35	7.51	-7.26	26.15	27.14	105.52	0.42
7	2542.00	3.00	87.80	2541.18	8.21	-7.92	31.78	32.75	103.99	1.36
8	2638.00	3.10	89.90	2637.04	8.16	-7.82	36.88	37.70	101.96	0.16
9	2733.00	3.30	92.20	2731.90	8.31	-7.92	42.18	42.92	100.63	0.25
10	2829.00	2.90	81.80	2827.76	8.11	-7.68	47.35	47.97	99.21	0.72
11	2924.00	3.10	82.50	2922.63	7.48	-7.00	52.27	52.74	97.63	0.21
12	3020.00	3.00	82.70	3018.49	6.87	-6.34	57.34	57.69	96.31	0.10
13	3117.00	3.10	85.70	3115.35	6.40	-5.82	62.47	62.74	95.32	0.19
14	3213.00	3.00	86.40	3211.22	6.09	-5.47	67.57	67.79	94.63	0.11
15	3309.00	2.90	88.00	3307.09	5.90	-5.23	72.50	72.69	94.12	0.13
16	3405.00	2.90	91.50	3402.97	5.92	-5.20	77.36	77.53	93.85	0.18
17	3501.00	2.80	94.00	3498.85	6.19	-5.43	82.12	82.30	93.78	0.17
18	3597.00	2.90	95.00	3594.73	6.61	-5.81	86.88	87.07	93.82	0.12
19	3693.00	3.00	94.70	3690.60	7.07	-6.22	91.80	92.01	93.88	0.11
20	3789.00	3.10	97.30	3786.47	7.66	-6.76	96.88	97.12	93.99	0.18
21	3885.00	3.00	99.80	3882.33	8.46	-7.52	101.93	102.21	94.22	0.17
22	3981.00	2.70	100.10	3978.21	9.33	-8.34	106.63	106.96	94.47	0.31
23	4076.00	2.80	82.70	4073.10	9.47	-8.44	111.14	111.46	94.34	0.88
24	4172.00	2.80	83.40	4168.99	8.94	-7.87	115.79	116.06	93.89	0.04
25	4268.00	2.90	87.80	4264.87	8.62	-7.51	120.55	120.78	93.56	0.25
26	4364.00	2.60	93.40	4360.76	8.70	-7.55	125.15	125.38	93.45	0.42
27	4459.00	3.10	92.50	4455.64	8.99	-7.78	129.87	130.10	93.43	0.53
28	4555.00	3.20	95.50	4551.50	9.40	-8.16	135.13	135.37	93.45	0.20
29	4651.00	3.00	102.00	4647.36	10.23	-8.93	140.25	140.54	93.64	0.42
30	4747.00	2.60	105.40	4743.24	11.37	-10.03	144.81	145.16	93.96	0.45
31	4843.00	3.80	101.70	4839.09	12.65	-11.26	150.02	150.44	94.29	1.27
32	4939.00	3.30	94.10	4934.91	13.54	-12.10	155.89	156.36	94.44	0.71
33	5035.00	2.80	82.90	5030.77	13.50	-12.01	160.98	161.42	94.27	0.81
34	5130.00	2.70	85.20	5125.66	13.06	-11.53	165.51	165.91	93.99	0.16
35	5226.00	2.50	89.70	5221.56	12.90	-11.33	169.86	170.23	93.82	0.30
36	5323.00	3.00	81.10	5318.45	12.54	-10.93	174.48	174.82	93.58	0.67
37	5418.00	2.60	81.30	5413.34	11.88	-10.22	179.07	179.36	93.27	0.42
38	5513.00	3.00	86.60	5508.22	11.45	-9.75	183.68	183.94	93.04	0.50
39	5609.00	2.80	91.00	5604.10	11.38	-9.64	188.53	188.77	92.93	0.31
40	5703.00	2.20	91.70	5698.01	11.51	-9.73	192.63	192.87	92.89	0.64
41	5799.00	2.10	83.60	5793.94	11.41	-9.59	196.22	196.45	92.80	0.33
42	5895.00	2.50	89.90	5889.87	11.24	-9.39	200.06	200.28	92.69	0.49
43	5991.00	2.00	100.30	5985.79	11.57	-9.69	203.80	204.03	92.72	0.67
44	6086.00	2.60	99.60	6080.72	12.26	-10.34	207.56	207.81	92.85	0.63
45	6182.00	1.80	109.20	6176.64	13.15	-11.20	211.13	211.42	93.84	0.91



46	6278.00	1.80	77.10	6272.60	13.34	-11.36	214.02	214.32	93.04	1.04
47	6374.00	2.50	72.30	6368.53	12.40	-10.39	217.49	217.73	92.73	0.75
48	6470.00	2.10	92.20	6464.46	11.86	-9.82	221.24	221.46	92.54	0.92
49	6566.00	1.90	101.90	6560.40	12.29	-10.21	224.55	224.78	92.60	0.41
50	6662.00	1.40	108.20	6656.36	13.01	-10.91	227.22	227.49	92.75	0.55
51	6727.00	1.80	143.20	6721.33	14.09	-11.97	228.59	228.90	93.00	1.59
52	6759.00	2.00	141.60	6753.32	14.93	-12.81	229.24	229.60	93.20	0.65
53	6791.00	4.80	143.70	6785.26	16.46	-14.33	230.38	230.82	93.56	8.76
54	6823.00	9.00	144.40	6817.02	19.60	-17.45	232.63	233.28	94.29	13.13
55	6855.00	12.60	151.10	6848.45	24.72	-22.54	235.77	236.85	95.46	11.90
56	6887.00	14.90	158.60	6879.53	31.64	-29.43	238.96	240.77	97.02	9.08
57	6920.00	17.80	161.50	6911.19	40.40	-38.16	242.11	245.10	98.96	9.13
58	6952.00	21.60	160.40	6941.31	50.62	-48.35	245.64	250.35	101.14	11.93
59	6984.00	24.70	161.80	6970.73	62.56	-60.26	249.71	256.87	103.57	9.84
60	7016.00	28.00	164.10	6999.41	76.18	-73.84	253.85	264.37	106.22	10.79
61	7048.00	31.40	166.40	7027.20	91.55	-89.17	257.87	272.85	109.07	11.20
62	7080.00	34.50	168.70	7054.05	108.58	-106.16	261.61	282.33	112.09	10.45
63	7112.00	37.10	170.60	7080.00	127.02	-124.57	264.96	292.79	115.18	8.84
64	7144.00	39.90	172.50	7105.04	146.75	-144.28	267.88	304.26	118.31	9.50
65	7176.00	42.70	174.60	7129.08	167.75	-165.26	270.24	316.76	121.45	9.76
66	7208.00	45.80	176.20	7152.00	190.02	-187.51	272.02	330.39	124.58	10.30
67	7240.00	48.80	177.50	7173.70	213.51	-210.99	273.31	345.27	127.67	9.84
68	7272.00	52.00	178.50	7194.10	238.15	-235.63	274.16	361.51	130.68	10.29
69	7304.00	54.60	179.00	7213.22	263.81	-261.28	274.72	379.13	133.56	8.22
70	7336.00	57.20	179.60	7231.16	290.30	-287.77	275.04	398.07	136.30	8.27
71	7368.00	59.40	180.40	7247.97	317.53	-314.99	275.04	418.17	138.87	7.20
72	7400.00	61.30	181.70	7263.80	345.32	-342.80	274.53	439.18	141.31	6.91
73	7432.00	63.00	183.30	7278.75	373.57	-371.06	273.29	460.84	143.63	6.91
74	7464.00	65.10	184.80	7292.76	402.25	-399.76	271.25	483.10	145.84	7.80
75	7496.00	68.10	185.40	7305.46	431.48	-429.01	268.64	506.18	147.95	9.53
76	7522.00	70.10	184.50	7314.74	455.65	-453.21	266.55	525.78	149.54	8.34
77	7554.00	72.20	182.80	7325.08	485.85	-483.43	264.62	551.11	151.30	8.27
78	7586.00	75.30	181.50	7334.03	516.54	-514.12	263.47	577.70	152.87	10.44
79	7618.00	77.10	180.50	7341.66	547.60	-545.19	262.93	605.28	154.25	6.39
80	7650.00	78.70	180.50	7348.37	578.88	-576.48	262.66	633.50	155.50	5.00
81	7682.00	78.70	180.30	7354.64	610.26	-607.86	262.44	662.09	156.65	0.61
82	7714.00	79.50	179.60	7360.69	641.68	-639.28	262.47	691.06	157.68	3.30
83	7746.00	82.20	180.00	7365.78	673.27	-670.87	262.58	720.42	158.62	8.53
84	7778.00	85.40	181.00	7369.24	705.07	-702.68	262.30	750.04	159.53	10.47
85	7810.00	86.40	182.40	7371.52	736.96	-734.58	261.35	779.69	160.42	5.37
86	7842.00	86.50	182.20	7373.51	768.86	-766.49	260.07	809.41	161.26	0.70
87	7874.00	87.30	182.80	7375.24	800.77	-798.41	258.68	839.27	162.05	3.12
88	7907.00	87.90	182.80	7379.26	836.53	-834.21	253.99	869.59	164.14	0.63
89	8066.00	88.40	182.20	7382.36	992.34	-990.07	249.81	1021.10	165.84	0.81
90	8162.00	88.50	181.40	7384.95	1088.23	-1085.99	246.79	1113.68	167.20	0.84
91	8258.00	88.60	180.70	7387.38	1184.16	-1181.94	245.03	1207.07	168.29	0.74
92	8354.00	88.50	179.60	7389.81	1280.12	-1277.91	244.78	1301.14	169.16	1.15
93	8450.00	88.40	179.30	7392.41	1376.08	-1373.87	245.70	1395.67	169.86	0.33
94	8546.00	89.50	182.20	7394.17	1472.03	-1469.83	244.45	1490.02	170.56	3.23
95	8642.00	90.70	183.30	7394.00	1567.87	-1565.72	239.84	1583.98	171.29	1.70
96	8738.00	90.40	184.20	7393.08	1663.60	-1661.51	233.56	1677.84	172.00	0.99
97	8834.00	89.80	185.20	7392.91	1759.20	-1757.18	225.70	1771.62	172.68	1.21
98	8929.00	89.40	185.60	7393.57	1853.69	-1851.76	216.76	1864.40	173.32	0.60
99	9022.00	88.90	186.10	7394.95	1946.10	-1944.26	207.28	1955.28	173.91	0.76
100	9116.00	89.00	185.80	7396.68	2039.48	-2037.74	197.54	2047.29	174.46	0.34
101	9211.00	89.10	185.90	7398.25	2133.88	-2132.23	187.85	2140.49	174.97	0.15
102	9305.00	89.80	185.90	7399.15	2227.28	-2225.73	178.19	2232.85	175.42	0.74
103	9399.00	88.10	184.90	7400.88	2320.76	-2319.29	169.35	2325.47	175.82	2.10
104	9492.00	88.10	184.90	7403.96	2413.29	-2411.90	161.41	2417.30	176.17	0.00
105	9587.00	88.80	182.40	7406.53	2508.00	-2506.67	155.36	2511.48	176.45	2.73



106	9681.00	88.60	182.40	7408.66	2601.85	-2600.56	151.43	2604.97	176.67	0.21
107	9775.00	88.50	182.40	7411.04	2695.70	-2694.45	147.49	2698.48	176.87	0.11
108	9870.00	89.90	182.60	7412.37	2790.55	-2789.35	143.35	2793.03	177.06	1.49
109	9964.00	90.20	182.80	7412.28	2884.40	-2883.24	138.92	2886.59	177.24	0.38
110	10057.00	90.60	183.10	7411.64	2977.23	-2976.12	134.14	2979.14	177.42	0.54
111	10150.00	89.80	183.70	7411.31	3070.01	-3068.95	128.62	3071.64	177.60	1.08
112	10244.00	90.20	183.70	7411.31	3163.75	-3162.75	122.55	3165.13	177.78	0.43
113	10337.00	89.50	183.10	7411.55	3256.53	-3255.59	117.04	3257.69	177.94	0.99
114	10431.00	89.70	182.80	7412.21	3350.36	-3349.46	112.20	3351.34	178.08	0.38
115	10524.00	90.00	182.40	7412.45	3443.22	-3442.37	107.98	3444.06	178.20	0.54
116	10617.00	89.50	181.40	7412.86	3536.13	-3535.31	104.90	3536.87	178.30	1.20
117	10711.00	89.70	180.30	7413.52	3630.10	-3629.30	103.51	3630.77	178.37	1.19
118	10805.00	89.50	181.70	7414.17	3724.06	-3723.28	101.86	3724.67	178.43	1.50
119	10899.00	89.30	182.80	7415.16	3817.95	-3817.20	98.17	3818.46	178.53	1.19
120	10992.00	89.30	182.60	7416.29	3910.79	-3910.09	93.79	3911.22	178.63	0.22
121	11085.00	89.50	182.80	7417.27	4003.64	-4002.98	89.41	4003.98	178.72	0.30
122	11180.00	89.50	182.40	7418.10	4098.49	-4097.88	85.10	4098.76	178.81	0.42
123	11273.00	89.30	181.70	7419.07	4191.39	-4190.82	81.78	4191.61	178.88	0.78
124	11367.00	89.80	181.70	7419.81	4285.32	-4284.77	78.99	4285.50	178.94	0.53
125	11461.00	90.30	181.50	7419.73	4379.25	-4378.73	76.36	4379.40	179.00	0.57
126	11556.00	91.00	181.20	7418.65	4474.19	-4473.70	74.13	4474.31	179.05	0.80
127	11650.00	91.70	180.70	7416.43	4568.14	-4567.66	72.57	4568.24	179.09	0.92
128	11708.00	92.20	180.50	7414.46	4626.09	-4625.62	71.96	4626.18	179.11	0.93
PTB	11762.00	92.20	180.50	7412.39	4680.04	-4679.58	71.49	4680.13	179.12	0.00

