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District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

REC'D NMOCD
11/23/2020

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46511	² Pool Code 97860	³ Pool Name JENNINGS; BONE SPRING, WEST
⁴ Property Code 326329	⁵ Property Name BOROS FEDERAL	⁶ Well Number 104H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3215'

¹⁰Surface Location

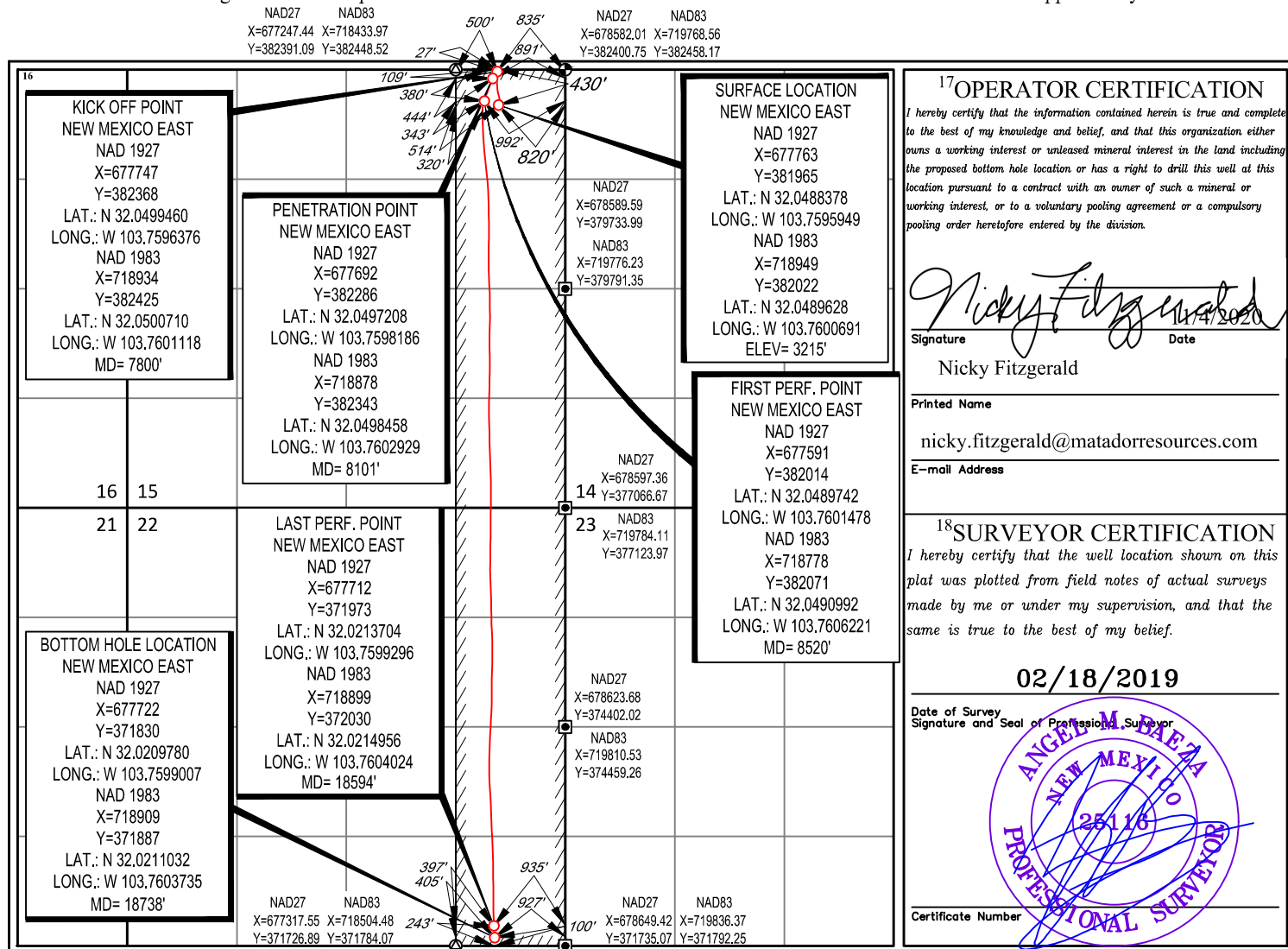
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	26-S	31-E	-	430'	NORTH	820'	EAST	EDDY

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	26-S	31-E	-	100'	SOUTH	927'	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

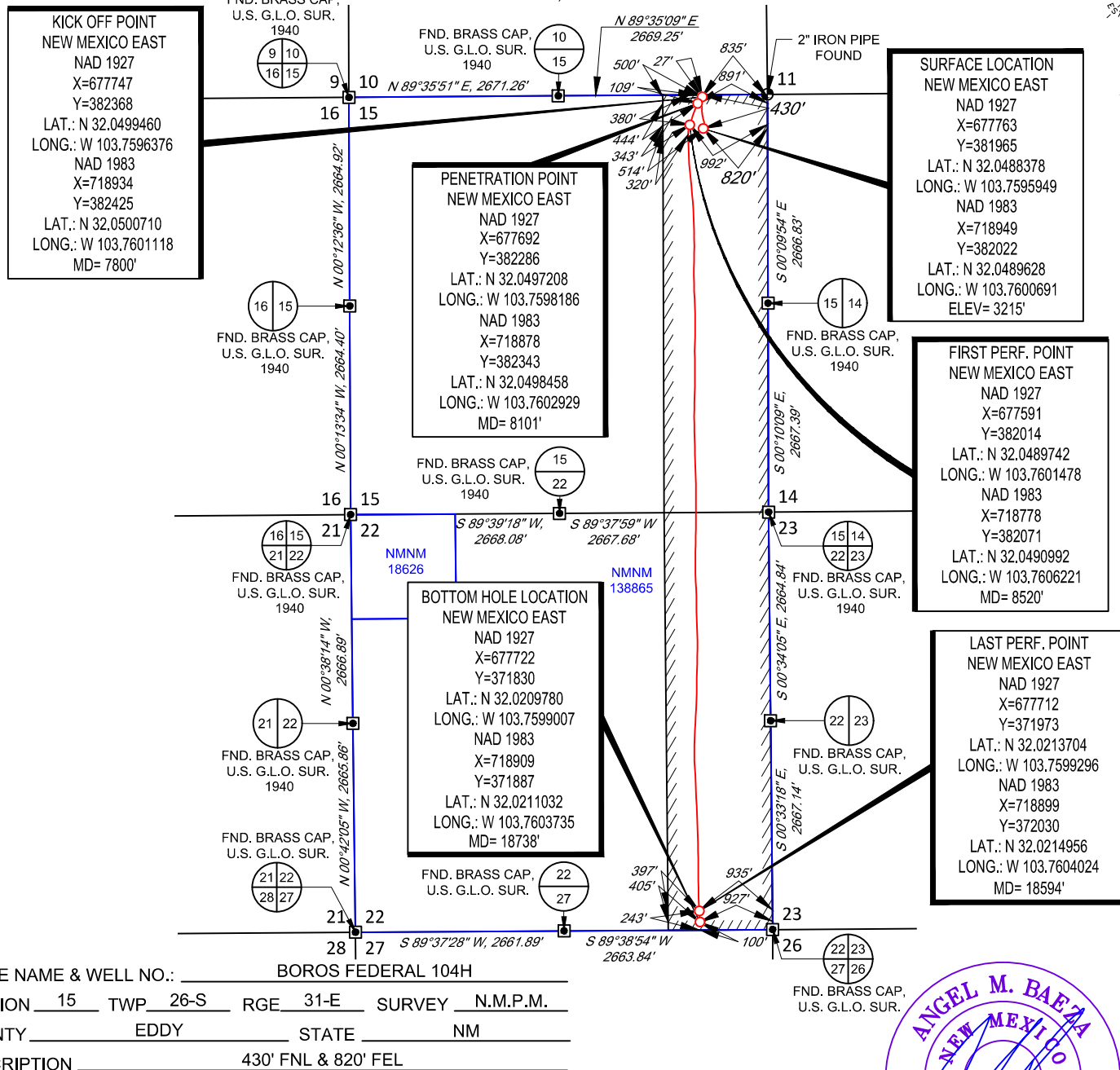


SCALE: 1" = 2000'

0' 1000' 2000'



SECTION 15, TOWNSHIP 26-S, RANGE 31-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Angel M. Baeza, P.S. No. 25116
October 12, 2020

BOROS FEDERAL 104H AS-DRILLED	REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
DATE: 10/12/2020		
AD_BOROS_FEDERAL_104H		
DRAWN BY: IMU		
SHEET: 2 OF 2		



MWD SURVEY CERTIFICATION
Gordon Technologies, LLC

State Of New Mexico
County Of Eddy

I, Bill Johnson certify that; I am employed by Gordon Technologies, LLC.;
that I did on the day(s) of December 30, 2019 through March 19, 2020 conduct
or supervise the taking of a MWD survey from a depth of 0 feet to a depth of
18,738 feet; that the data is true, correct, complete and within the limitations of the
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;
that this survey was conducted at the request of Matador Production Co. for the
Boros Federal 104H Well, A.P.I. No. 30-015-46511 in
Jennings Bone Springs West Field and that I have reviewed this report and find that
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

Signature

MWD Coordinator
Title



Directional Survey Report

Company: **Matador Production Company**
 Well: **Boros Federal 104H**
 County: **Eddy County**
 State: **New Mexico**
 Field: **Jennings Bone Spring West**
 API: **30-015-46511**
 Rig: **Patterson 256**
 Service Co: **GTMWD**
 Job #: **191294**
 Survey Calc: **Minimum Curvature**

Well Surface Location
 Latitude: **32.0488384**
 Longitude: **-103.7595944**
 Reference: **NAD 1927**
 Y (Northing): **381965**
 X (Easting): **677763**
 Field Engr: **Colby Baxter**
Jonathan Clark

Report Date: **Mar 27 2020**
 Time: **16:03**
 Mag Reference: **Grid North**
 Mag Correction: **6.30**
 Vert Sect. Azi: **179.63**
 Perm Datum: **Mean Sea Level**
 Depth Ref: **Rotary Table**
 RKB Height: **28.5**
 GL Elev: **3215**

Survey	MD	Inc	Azimuth	TVD	VS	Rectangular Offsets		Course		Temp	Closure		Source
						NS	EW	Length	DLS		Distance	Azimuth	
Tie In	0	0	0	0	0	0	0	0	0	0	0	0	
1	242.00	0.48	54.49	242.00	-0.58	0.59	0.83	242.00	0.20	55.40	1.01	54.49	Run 1
2	335.00	0.63	61.00	334.99	-1.05	1.06	1.59	93.00	0.17	55.40	1.91	56.23	Run 1
3	427.00	0.70	49.56	426.99	-1.66	1.67	2.46	92.00	0.16	57.20	2.97	55.78	Run 1
4	519.00	0.98	44.66	518.98	-2.57	2.60	3.44	92.00	0.31	57.20	4.31	52.95	Run 1
5	609.00	0.48	49.41	608.97	-3.36	3.39	4.27	90.00	0.56	60.80	5.45	51.54	Run 1
6	702.00	0.56	30.63	701.97	-4.00	4.03	4.79	93.00	0.20	59.00	6.27	49.93	Run 1
7	792.00	0.57	26.20	791.96	-4.78	4.81	5.22	90.00	0.05	60.80	7.10	47.30	Run 1
8	883.00	0.39	357.34	882.96	-5.49	5.53	5.40	91.00	0.33	64.40	7.73	44.33	Run 1
9	974.00	0.60	338.77	973.95	-6.25	6.28	5.22	91.00	0.29	66.20	8.17	39.69	Run 1
10	1066.00	0.57	328.56	1065.95	-7.09	7.12	4.80	92.00	0.12	68.00	8.59	33.99	Run 1
11	1161.00	1.07	322.39	1160.94	-8.20	8.23	4.01	95.00	0.53	66.20	9.16	26.01	Run 1
12	1256.00	1.32	315.64	1255.92	-9.70	9.71	2.71	95.00	0.30	68.00	10.08	15.58	Run 1
13	1351.00	1.25	314.09	1350.90	-11.21	11.22	1.20	95.00	0.08	73.40	11.28	6.10	Run 1
14	1424.00	1.85	315.26	1423.87	-12.61	12.61	-0.20	73.00	0.82	80.60	12.61	359.08	Run 1
15	1542.00	1.92	332.31	1541.81	-15.73	15.71	-2.46	118.00	0.48	82.40	15.90	351.09	Run 2
16	1637.00	1.38	324.83	1636.77	-18.08	18.06	-3.86	95.00	0.61	93.20	18.46	347.93	Run 2
17	1733.00	1.08	312.44	1732.74	-19.64	19.61	-5.19	96.00	0.42	93.20	20.29	345.17	Run 2
18	1828.00	1.28	192.58	1827.73	-19.22	19.18	-6.09	95.00	2.15	104.00	20.12	342.39	Run 2
19	1924.00	2.33	191.43	1923.68	-16.26	16.22	-6.71	96.00	1.09	107.60	17.55	337.54	Run 2
20	2019.00	2.64	185.47	2018.59	-12.20	12.15	-7.30	95.00	0.42	111.20	14.17	329.01	Run 2
21	2114.00	2.42	186.15	2113.50	-8.03	7.98	-7.72	95.00	0.23	113.00	11.10	315.94	Run 2
22	2210.00	2.34	175.16	2209.42	-4.06	4.01	-7.77	96.00	0.48	114.80	8.75	297.29	Run 2
23	2305.00	1.27	157.35	2304.37	-1.15	1.11	-7.20	95.00	1.26	116.60	7.29	278.72	Run 2
24	2401.00	1.16	146.59	2400.35	0.65	-0.69	-6.26	96.00	0.26	122.00	6.30	263.73	Run 2
25	2496.00	1.21	147.40	2495.33	2.30	-2.34	-5.19	95.00	0.06	125.60	5.69	245.77	Run 2
26	2592.00	1.37	154.34	2591.31	4.20	-4.22	-4.15	96.00	0.23	127.40	5.92	224.47	Run 2
27	2687.00	1.40	160.56	2686.28	6.32	-6.34	-3.27	95.00	0.16	127.40	7.13	207.26	Run 2
28	2783.00	1.04	157.94	2782.26	8.24	-8.26	-2.55	96.00	0.38	123.80	8.64	197.17	Run 2
29	2878.00	1.44	37.59	2877.24	8.10	-8.11	-1.50	95.00	2.27	127.40	8.25	190.47	Run 2
30	2974.00	2.21	34.85	2973.20	5.64	-5.63	0.30	96.00	0.81	131.00	5.64	177.00	Run 2
31	3070.00	2.79	33.01	3069.10	2.17	-2.16	2.63	96.00	0.61	132.80	3.40	129.38	Run 2
32	3165.00	5.28	12.06	3163.87	-4.03	4.06	4.80	95.00	3.00	136.40	6.29	49.77	Run 2
33	3260.00	5.80	6.74	3258.42	-13.06	13.10	6.28	95.00	0.77	134.60	14.53	25.60	Run 2
34	3356.00	4.80	10.37	3354.01	-21.82	21.87	7.57	96.00	1.10	136.40	23.14	19.09	Run 2
35	3451.00	5.11	9.26	3448.66	-29.90	29.96	8.96	95.00	0.34	138.20	31.27	16.66	Run 2
36	3547.00	4.95	15.45	3544.29	-38.10	38.17	10.76	96.00	0.59	138.20	39.65	15.74	Run 2
37	3643.00	4.70	9.32	3639.95	-45.96	46.04	12.50	96.00	0.60	131.00	47.71	15.19	Run 2
38	3738.00	5.18	2.95	3734.59	-54.08	54.16	13.35	95.00	0.77	134.60	55.78	13.84	Run 2
39	3834.00	4.71	3.39	3830.24	-62.34	62.43	13.80	96.00	0.49	136.40	63.93	12.47	Run 2
40	3930.00	5.06	350.13	3925.89	-70.44	70.53	13.31	96.00	1.23	136.40	71.78	10.69	Run 2
41	4026.00	6.33	346.64	4021.42	-79.78	79.85	11.36	96.00	1.37	136.40	80.66	8.10	Run 2
42	4121.00	5.34	344.88	4115.92	-89.16	89.22	9.00	95.00	1.06	136.40	89.67	5.76	Run 2
43	4217.00	4.81	346.41	4211.55	-97.39	97.44	6.89	96.00	0.57	138.20	97.68	4.04	Run 2
44	4313.00	4.39	346.86	4307.24	-104.90	104.93	5.11	96.00	0.44	96.80	105.05	2.79	Run 2
45	4408.00	4.38	343.03	4401.96	-111.92	111.94	3.22	95.00	0.31	109.40	111.99	1.65	Run 2
46	4504.00	5.13	345.07	4497.63	-119.58	119.59	1.05	96.00	0.80	114.80	119.60	0.50	Run 2
47	4599.00	6.43	346.25	4592.14	-128.87	128.87	-1.31	95.00	1.37	120.20	128.87	359.42	Run 2
48	4695.00	6.61	347.97	4687.52	-139.51	139.49	-3.74	96.00	0.28	116.60	139.54	358.46	Run 2

49	4791.00	6.24	347.65	4782.92	-150.03	149.99	-6.01	96.00	0.39	120.20	150.11	357.71	Run 2
50	4886.00	5.94	346.45	4877.38	-159.86	159.81	-8.27	95.00	0.34	122.00	160.03	357.04	Run 2
51	4982.00	6.37	351.93	4972.83	-169.98	169.92	-10.18	96.00	0.76	109.40	170.22	356.57	Run 2
52	5077.00	6.78	355.83	5067.20	-180.80	180.73	-11.32	95.00	0.64	122.00	181.08	356.41	Run 2
53	5173.00	6.30	354.07	5162.58	-191.69	191.62	-12.28	96.00	0.54	118.40	192.01	356.33	Run 2
54	5268.00	5.98	354.03	5257.03	-201.81	201.72	-13.33	95.00	0.34	116.60	202.16	356.22	Run 2
55	5364.00	5.72	353.46	5352.53	-211.54	211.45	-14.40	96.00	0.28	114.80	211.94	356.10	Run 2
56	5459.00	5.47	356.01	5447.08	-220.76	220.67	-15.25	95.00	0.37	116.60	221.20	356.05	Run 2
57	5555.00	5.39	355.75	5542.65	-229.83	229.73	-15.91	96.00	0.09	104.00	230.28	356.04	Run 2
58	5650.00	5.01	356.85	5637.26	-238.42	238.32	-16.46	95.00	0.41	107.60	238.89	356.05	Run 2
59	5746.00	4.58	356.42	5732.92	-246.44	246.33	-16.93	96.00	0.45	109.40	246.92	356.07	Run 2
60	5841.00	4.30	358.76	5827.64	-253.79	253.68	-17.25	95.00	0.35	111.20	254.27	356.11	Run 2
61	5937.00	4.95	2.51	5923.33	-261.52	261.42	-17.14	96.00	0.75	107.60	261.98	356.25	Run 2
62	6033.00	6.03	358.37	6018.88	-270.70	270.59	-17.11	96.00	1.20	107.60	271.13	356.38	Run 2
63	6128.00	6.18	357.30	6113.35	-280.80	280.69	-17.49	95.00	0.20	107.60	281.23	356.43	Run 2
64	6224.00	6.25	359.03	6208.78	-291.19	291.08	-17.82	96.00	0.21	109.40	291.62	356.50	Run 2
65	6320.00	5.89	0.87	6304.24	-301.34	301.23	-17.84	96.00	0.43	111.20	301.75	356.61	Run 2
66	6415.00	5.80	3.22	6398.75	-311.00	310.89	-17.49	95.00	0.27	109.40	311.38	356.78	Run 2
67	6511.00	5.62	2.78	6494.27	-320.53	320.43	-16.99	96.00	0.19	111.20	320.88	356.96	Run 2
68	6606.00	5.64	2.58	6588.82	-329.84	329.74	-16.56	95.00	0.03	111.20	330.16	357.13	Run 2
69	6702.00	5.44	6.44	6684.37	-339.07	338.98	-15.83	96.00	0.44	114.80	339.35	357.33	Run 2
70	6798.00	5.30	6.04	6779.95	-348.00	347.91	-14.86	96.00	0.15	113.00	348.22	357.55	Run 2
71	6893.00	5.19	5.26	6874.55	-356.63	356.55	-14.00	95.00	0.14	114.80	356.82	357.75	Run 2
72	6989.00	4.95	7.50	6970.17	-365.06	364.98	-13.06	96.00	0.32	114.80	365.21	357.95	Run 2
73	7085.00	4.28	4.14	7065.86	-372.73	372.66	-12.26	96.00	0.75	113.00	372.86	358.12	Run 2
74	7180.00	3.40	1.22	7160.65	-379.08	379.01	-11.95	95.00	0.95	116.60	379.20	358.19	Run 2
75	7276.00	2.71	0.14	7256.51	-384.19	384.13	-11.88	96.00	0.72	111.20	384.31	358.23	Run 2
76	7372.00	2.47	354.93	7352.41	-388.53	388.46	-12.06	96.00	0.35	111.20	388.64	358.22	Run 2
77	7467.00	2.58	359.83	7447.32	-392.70	392.63	-12.24	95.00	0.25	111.20	392.82	358.21	Run 2
78	7563.00	2.47	353.30	7543.23	-396.92	396.85	-12.49	96.00	0.32	111.20	397.04	358.20	Run 2
79	7658.00	2.28	351.46	7638.14	-400.83	400.75	-13.01	95.00	0.22	113.00	400.96	358.14	Run 2
80	7731.00	1.96	347.53	7711.09	-403.48	403.40	-13.50	73.00	0.48	114.80	403.63	358.08	Run 2
81	7750.00	1.91	347.43	7730.08	-404.11	404.03	-13.64	19.00	0.26	109.40	404.26	358.07	Run 3
82	7846.00	5.42	221.10	7825.95	-402.28	402.17	-16.97	96.00	7.01	111.20	402.53	357.58	Run 3
83	7893.00	14.82	215.80	7872.17	-395.74	395.61	-21.96	47.00	20.08	111.20	396.22	356.82	Run 3
84	7941.00	21.38	214.48	7917.77	-383.60	383.41	-30.51	48.00	13.69	113.00	384.62	355.45	Run 3
85	7988.00	25.89	214.38	7960.82	-368.13	367.87	-41.16	47.00	9.60	113.00	370.16	353.62	Run 3
86	8037.00	29.02	214.12	8004.29	-349.54	349.19	-53.87	49.00	6.39	113.00	353.33	351.23	Run 3
87	8084.00	31.74	211.00	8044.84	-329.58	329.16	-66.63	47.00	6.69	116.60	335.83	348.56	Run 3
88	8132.00	34.64	205.11	8085.01	-306.47	305.97	-78.93	48.00	9.03	118.40	315.99	345.53	Run 3
89	8188.00	38.76	200.58	8129.91	-275.72	275.13	-91.86	56.00	8.80	120.20	290.06	341.54	Run 3
90	8282.00	42.90	199.85	8201.02	-218.19	217.46	-113.07	94.00	4.43	127.40	245.10	332.53	Run 4
91	8331.00	44.60	199.63	8236.42	-186.37	185.57	-124.52	49.00	3.48	127.40	223.47	326.14	Run 4
92	8377.00	46.36	199.51	8268.67	-155.54	154.67	-135.50	46.00	3.83	129.20	205.63	318.78	Run 4
93	8426.00	50.16	198.93	8301.28	-121.10	120.15	-147.53	49.00	7.81	131.00	190.26	309.16	Run 4
94	8472.00	53.54	198.97	8329.70	-86.97	85.94	-159.27	46.00	7.35	136.40	180.98	298.35	Run 4
95	8520.00	54.98	197.71	8357.73	-50.07	48.96	-171.53	48.00	3.68	125.60	178.38	285.93	Run 5
96	8568.00	60.46	194.13	8383.36	-11.13	9.95	-182.62	48.00	13.04	127.40	182.89	273.12	Run 5
97	8615.00	66.53	187.66	8404.35	30.08	-31.32	-190.50	47.00	17.84	131.00	193.05	260.66	Run 5
98	8664.00	70.98	180.76	8422.12	75.57	-76.82	-193.80	49.00	15.96	132.80	208.47	248.38	Run 5
99	8711.00	73.67	177.18	8436.39	120.33	-121.58	-192.99	47.00	9.24	134.60	228.09	237.79	Run 5
100	8760.00	77.56	176.54	8448.56	167.73	-168.96	-190.39	49.00	8.04	136.40	254.55	228.41	Run 5
101	8855.00	87.61	178.82	8460.81	261.76	-262.97	-186.60	95.00	10.84	140.00	322.44	215.36	Run 5
102	8951.00	89.05	177.55	8463.60	357.68	-358.87	-183.56	96.00	2.00	141.80	403.09	207.09	Run 5
103	9047.00	90.11	176.14	8464.31	453.56	-454.72	-178.28	96.00	1.84	145.40	488.42	201.41	Run 5
104	9142.00	90.59	174.64	8463.73	548.29	-549.41	-170.64	95.00	1.66	147.20	575.30	197.25	Run 5
105	9238.00	91.15	173.23	8462.27	643.81	-644.86	-160.50	96.00	1.58	147.20	664.53	193.98	Run 5
106	9334.00	90.42	174.21	8460.95	739.29	-740.27	-150.00	96.00	1.27	149.00	755.31	191.45	Run 5
107	9430.00	89.55	175.12	8460.98	834.92	-835.85	-141.07	96.00	1.31	147.20	847.67	189.58	Run 5
108	9526.00	90.00	174.67	8461.36	930.60	-931.47	-132.53	96.00	0.66	150.80	940.85	188.10	Run 5
109	9621.00	89.02	176.66	8462.17	1025.36	-1026.19	-125.35	95.00	2.33	150.80	1033.82	186.96	Run 5
110	9717.00	88.06	178.28	8464.62	1121.25	-1122.06	-121.12	96.00	1.96	152.60	1128.58	186.16	Run 5
111	9812.00	88.34	178.77	8467.60	1216.19	-1216.98	-118.67	95.00	0.59	152.60	1222.75	185.57	Run 5
112	9908.00	89.27	179.10	8469.60	1312.16	-1312.94	-116.89	96.00	1.03	154.40	1318.14	185.09	Run 5
113	10004.00	89.52	178.02	8470.62	1408.14	-1408.91	-114.48	96.00	1.15	154.40	1413.55	184.65	Run 5
114	10099.00	87.45	181.06	8473.13	1503.09	-1503.85	-113.71	95.00	3.87	152.60	1508.15	184.32	Run 5
115	10195.00	88.01	180.92	8476.93	1598.98	-1599.76	-115.37	96.00	0.60	154.40	1603.92	184.12	Run 5
116	10290.00	88.63	180.85	8479.72	1693.92	-1694.71	-116.84	95.00	0.66	154.40	1698.73	183.94	Run 5

117	10386.00	90.11	180.46	8480.77	1789.90	-1790.70	-117.93	96.00	1.59	154.40	1794.57	183.77	Run 5
118	10481.00	91.09	179.98	8479.78	1884.88	-1885.69	-118.30	95.00	1.15	156.20	1889.40	183.59	Run 5
119	10577.00	91.91	179.01	8477.26	1980.85	-1981.65	-117.45	96.00	1.32	156.20	1985.13	183.39	Run 5
120	10673.00	93.48	178.10	8472.75	2076.72	-2077.51	-115.03	96.00	1.89	158.00	2080.69	183.17	Run 5
121	10768.00	92.24	176.84	8468.01	2171.53	-2172.29	-110.85	95.00	1.86	158.00	2175.12	182.92	Run 5
122	10864.00	88.09	177.47	8467.73	2267.42	-2268.15	-106.08	96.00	4.37	156.20	2270.63	182.68	Run 5
123	10960.00	88.77	180.20	8470.36	2363.37	-2364.09	-104.13	96.00	2.93	158.00	2366.38	182.52	Run 5
124	11056.00	89.05	178.96	8472.19	2459.35	-2460.07	-103.43	96.00	1.32	159.80	2462.24	182.41	Run 5
125	11152.00	88.09	179.59	8474.59	2555.31	-2556.03	-102.21	96.00	1.20	159.80	2558.07	182.29	Run 5
126	11247.00	88.71	182.05	8477.24	2650.25	-2650.97	-103.57	95.00	2.67	161.60	2653.00	182.24	Run 5
127	11343.00	90.34	181.54	8478.03	2746.17	-2746.92	-106.58	96.00	1.78	161.60	2748.99	182.22	Run 5
128	11439.00	88.20	180.01	8479.26	2842.14	-2842.89	-107.88	96.00	2.74	161.60	2844.94	182.17	Run 5
129	11533.00	87.98	178.60	8482.39	2936.08	-2936.83	-106.74	94.00	1.52	163.40	2938.77	182.08	Run 5
130	11625.00	87.45	180.47	8486.06	3028.00	-3028.75	-105.99	92.00	2.11	163.40	3030.61	182.00	Run 5
131	11716.00	86.52	179.04	8490.85	3118.87	-3119.62	-105.60	91.00	1.87	163.40	3121.41	181.94	Run 5
132	11808.00	88.06	181.04	8495.20	3210.76	-3211.51	-105.67	92.00	2.74	163.40	3213.25	181.88	Run 5
133	11901.00	89.75	181.20	8496.97	3303.71	-3304.47	-107.49	93.00	1.83	165.20	3306.22	181.86	Run 5
134	11995.00	90.98	181.25	8496.37	3397.67	-3398.45	-109.50	94.00	1.31	165.20	3400.21	181.85	Run 5
135	12090.00	92.92	182.03	8493.14	3492.55	-3493.35	-112.21	95.00	2.20	167.00	3495.15	181.84	Run 5
136	12183.00	90.90	180.43	8490.04	3585.46	-3586.27	-114.21	93.00	2.77	167.00	3588.09	181.82	Run 5
137	12277.00	89.69	180.20	8489.56	3679.45	-3680.26	-114.72	94.00	1.31	161.60	3682.05	181.79	Run 5
138	12370.00	86.69	178.89	8492.49	3772.39	-3773.20	-113.99	93.00	3.52	167.00	3774.92	181.73	Run 5
139	12466.00	86.91	178.16	8497.85	3868.22	-3869.02	-111.52	96.00	0.79	168.80	3870.63	181.65	Run 5
140	12562.00	88.18	178.39	8501.97	3964.10	-3964.89	-108.63	96.00	1.34	170.60	3966.37	181.57	Run 5
141	12657.00	90.31	179.40	8503.22	4059.08	-4059.85	-106.80	95.00	2.48	170.60	4061.26	181.51	Run 5
142	12753.00	87.48	178.35	8505.07	4155.04	-4155.81	-104.92	96.00	3.14	170.60	4157.13	181.45	Run 5
143	12849.00	88.35	178.17	8508.56	4250.95	-4251.70	-102.00	96.00	0.93	172.40	4252.92	181.37	Run 5
144	12944.00	89.07	178.37	8510.70	4345.90	-4346.63	-99.14	95.00	0.79	172.40	4347.76	181.31	Run 5
145	13040.00	89.02	177.83	8512.30	4441.85	-4442.56	-95.95	96.00	0.56	174.20	4443.60	181.24	Run 5
146	13135.00	90.42	177.89	8512.76	4536.80	-4537.49	-92.41	95.00	1.48	174.20	4538.43	181.17	Run 5
147	13231.00	91.32	180.46	8511.31	4632.78	-4633.46	-91.03	96.00	2.84	172.40	4634.36	181.13	Run 5
148	13327.00	92.33	180.10	8508.25	4728.72	-4729.41	-91.49	96.00	1.12	174.20	4730.30	181.11	Run 5
149	13422.00	90.70	181.13	8505.74	4823.67	-4824.37	-92.51	95.00	2.03	174.20	4825.26	181.10	Run 5
150	13518.00	90.64	180.45	8504.61	4919.64	-4920.35	-93.84	96.00	0.71	176.00	4921.25	181.09	Run 5
151	13614.00	91.29	179.67	8503.00	5015.63	-5016.34	-93.94	96.00	1.06	176.00	5017.22	181.07	Run 5
152	13710.00	93.08	180.78	8499.34	5111.55	-5112.26	-94.31	96.00	2.19	176.00	5113.13	181.06	Run 5
153	13806.00	92.33	180.82	8494.81	5207.42	-5208.14	-95.65	96.00	0.78	172.40	5209.02	181.05	Run 5
154	13902.00	92.52	181.40	8490.75	5303.30	-5304.04	-97.51	96.00	0.64	172.40	5304.94	181.05	Run 5
155	13997.00	89.72	180.38	8488.89	5398.25	-5399.00	-98.99	95.00	3.14	174.20	5399.91	181.05	Run 5
156	14096.00	91.34	180.38	8487.97	5497.23	-5497.99	-99.64	99.00	1.64	154.40	5498.89	181.04	Run 6
157	14192.00	91.88	180.37	8485.28	5593.19	-5593.95	-100.27	96.00	0.56	158.00	5594.85	181.03	Run 6
158	14287.00	90.84	178.74	8483.02	5688.15	-5688.92	-99.53	95.00	2.03	159.80	5689.79	181.00	Run 6
159	14382.00	90.48	176.40	8481.93	5783.08	-5783.82	-95.51	95.00	2.49	165.20	5784.61	180.95	Run 6
160	14478.00	89.94	177.37	8481.57	5878.97	-5879.67	-90.29	96.00	1.16	168.80	5880.37	180.88	Run 6
161	14573.00	89.27	179.43	8482.23	5973.94	-5974.63	-87.64	95.00	2.28	168.80	5975.27	180.84	Run 6
162	14669.00	89.41	179.75	8483.34	6069.93	-6070.62	-86.95	96.00	0.36	170.60	6071.24	180.82	Run 6
163	14764.00	90.34	179.17	8483.54	6164.93	-6165.61	-86.05	95.00	1.15	172.40	6166.21	180.80	Run 6
164	14860.00	90.06	177.97	8483.21	6260.91	-6261.58	-83.66	96.00	1.28	172.40	6262.14	180.77	Run 6
165	14955.00	86.02	176.18	8486.46	6355.74	-6356.38	-78.82	95.00	4.65	172.40	6356.87	180.71	Run 6
166	15051.00	84.61	179.11	8494.30	6451.35	-6451.96	-74.88	96.00	3.38	172.40	6452.40	180.66	Run 6
167	15146.00	87.90	180.09	8500.50	6546.13	-6546.74	-74.22	95.00	3.61	172.40	6547.16	180.65	Run 6
168	15242.00	88.43	179.81	8503.58	6642.08	-6642.69	-74.14	96.00	0.62	174.20	6643.11	180.64	Run 6
169	15337.00	89.19	180.95	8505.55	6737.05	-6737.67	-74.77	95.00	1.44	174.20	6738.08	180.64	Run 6
170	15433.00	90.48	182.36	8505.83	6832.98	-6833.62	-77.54	96.00	1.99	172.40	6834.06	180.65	Run 6
171	15528.00	89.80	181.46	8505.59	6927.90	-6928.57	-80.71	95.00	1.19	176.00	6929.04	180.67	Run 6
172	15624.00	89.38	180.50	8506.28	7023.87	-7024.55	-82.35	96.00	1.09	177.80	7025.03	180.67	Run 6
173	15720.00	88.63	179.52	8507.95	7119.86	-7120.54	-82.37	96.00	1.29	179.60	7121.01	180.66	Run 6
174	15815.00	90.31	181.06	8508.83	7214.84	-7215.52	-82.85	95.00	2.40	177.80	7216.00	180.66	Run 6
175	15911.00	92.24	182.69	8506.69	7310.73	-7311.44	-85.99	96.00	2.63	177.80	7311.95	180.67	Run 6
176	16007.00	93.79	182.94	8501.64	7406.45	-7407.19	-90.69	96.00	1.64	181.40	7407.74	180.70	Run 6
177	16103.00	92.64	182.50	8496.26	7502.16	-7502.93	-95.24	96.00	1.28	183.20	7503.53	180.73	Run 6
178	16198.00	93.22	183.63	8491.40	7596.86	-7597.67	-100.32	95.00	1.34	185.00	7598.33	180.76	Run 6
179	16294.00	90.76	181.85	8488.07	7692.65	-7693.49	-104.90	96.00	3.16	185.00	7694.20	180.78	Run 6
180	16390.00	91.37	182.14	8486.28	7788.55	-7789.41	-108.24	96.00	0.70	185.00	7790.16	180.80	Run 6
181	16485.00	90.87	181.33	8484.43	7883.47	-7884.35	-111.12	95.00	1.00	185.00	7885.13	180.81	Run 6
182	16582.00	90.56	180.97	8483.22	7980.43	-7981.32	-113.06	97.00	0.49	167.00	7982.12	180.81	Run 7
183	16677.00	89.30	177.38	8483.33	8075.41	-8076.30	-111.70	95.00	4.00	172.40	8077.07	180.79	Run 7
184	16773.00	90.11	176.42	8483.83	8171.29	-8172.15	-106.50	96.00	1.31	176.00	8172.85	180.75	Run 7

185	16868.00	88.93	176.87	8484.62	8266.16	-8266.98	-100.95	95.00	1.33	176.00	8267.60	180.70	Run 7
186	16964.00	87.51	177.21	8487.60	8362.01	-8362.81	-95.99	96.00	1.52	177.80	8363.36	180.66	Run 7
187	17060.00	87.33	177.44	8491.93	8457.84	-8458.60	-91.51	96.00	0.30	179.60	8459.10	180.62	Run 7
188	17155.00	89.64	178.22	8494.44	8552.75	-8553.50	-87.92	95.00	2.57	181.40	8553.95	180.59	Run 7
189	17251.00	90.00	177.33	8494.74	8648.70	-8649.42	-84.19	96.00	1.00	183.20	8649.83	180.56	Run 7
190	17346.00	90.90	177.61	8493.99	8743.63	-8744.33	-80.00	95.00	0.99	185.00	8744.69	180.52	Run 7
191	17442.00	92.24	178.20	8491.36	8839.54	-8840.22	-76.49	96.00	1.53	186.80	8840.55	180.50	Run 7
192	17537.00	92.78	177.57	8487.20	8934.41	-8935.07	-73.00	95.00	0.87	185.00	8935.36	180.47	Run 7
193	17633.00	91.63	177.70	8483.50	9030.28	-9030.91	-69.04	96.00	1.21	185.00	9031.18	180.44	Run 7
194	17729.00	90.36	178.83	8481.84	9126.23	-9126.85	-66.13	96.00	1.77	185.00	9127.09	180.42	Run 7
195	17825.00	89.27	179.26	8482.15	9222.23	-9222.83	-64.53	96.00	1.22	186.80	9223.06	180.40	Run 7
196	17920.00	89.36	179.65	8483.28	9317.22	-9317.82	-63.63	95.00	0.42	188.60	9318.04	180.39	Run 7
197	18016.00	89.64	179.38	8484.12	9413.21	-9413.82	-62.81	96.00	0.41	186.80	9414.03	180.38	Run 7
198	18112.00	90.03	179.94	8484.40	9509.21	-9509.81	-62.24	96.00	0.71	188.60	9510.02	180.38	Run 7
199	18208.00	88.96	179.22	8485.24	9605.21	-9605.80	-61.54	96.00	1.34	186.80	9606.00	180.37	Run 7
200	18304.00	89.52	179.03	8486.52	9701.19	-9701.78	-60.08	96.00	0.62	188.60	9701.97	180.35	Run 7
201	18399.00	89.72	179.06	8487.15	9796.19	-9796.77	-58.49	95.00	0.21	190.40	9796.94	180.34	Run 7
202	18495.00	89.89	177.39	8487.47	9892.15	-9892.72	-55.52	96.00	1.75	190.40	9892.88	180.32	Run 7
203	18590.00	90.56	176.69	8487.10	9987.06	-9987.59	-50.61	95.00	1.02	190.40	9987.72	180.29	Run 7
204	18682.00	90.50	175.85	8486.25	10078.89	-10079.39	-44.63	92.00	0.92	192.20	10079.49	180.25	Run 7
PTB	18738.00	90.50	175.85	8485.76	10134.77	-10135.24	-40.58	56.00	0.00	0.00	10135.32	180.23	Run 7

