

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

RECEIVED
JAN 13 2020
EMNRD-OCD ARTESIA
UNDEVELOPED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46269	² Pool Code 64450	³ Pool Name WILLOW LAKE, BONE SPRING
⁴ Property Code 314392	⁵ Property Name PAUL 25 24S 28E RB	⁶ Well Number 111H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 2919'

¹⁰Surface Location

UL or lot no. D	Section 25	Township 24-S	Range 28-E	Lot Ida -	Feet from the 359'	North/South line NORTH	Feet from the 307'	East/West line WEST	County EDDY
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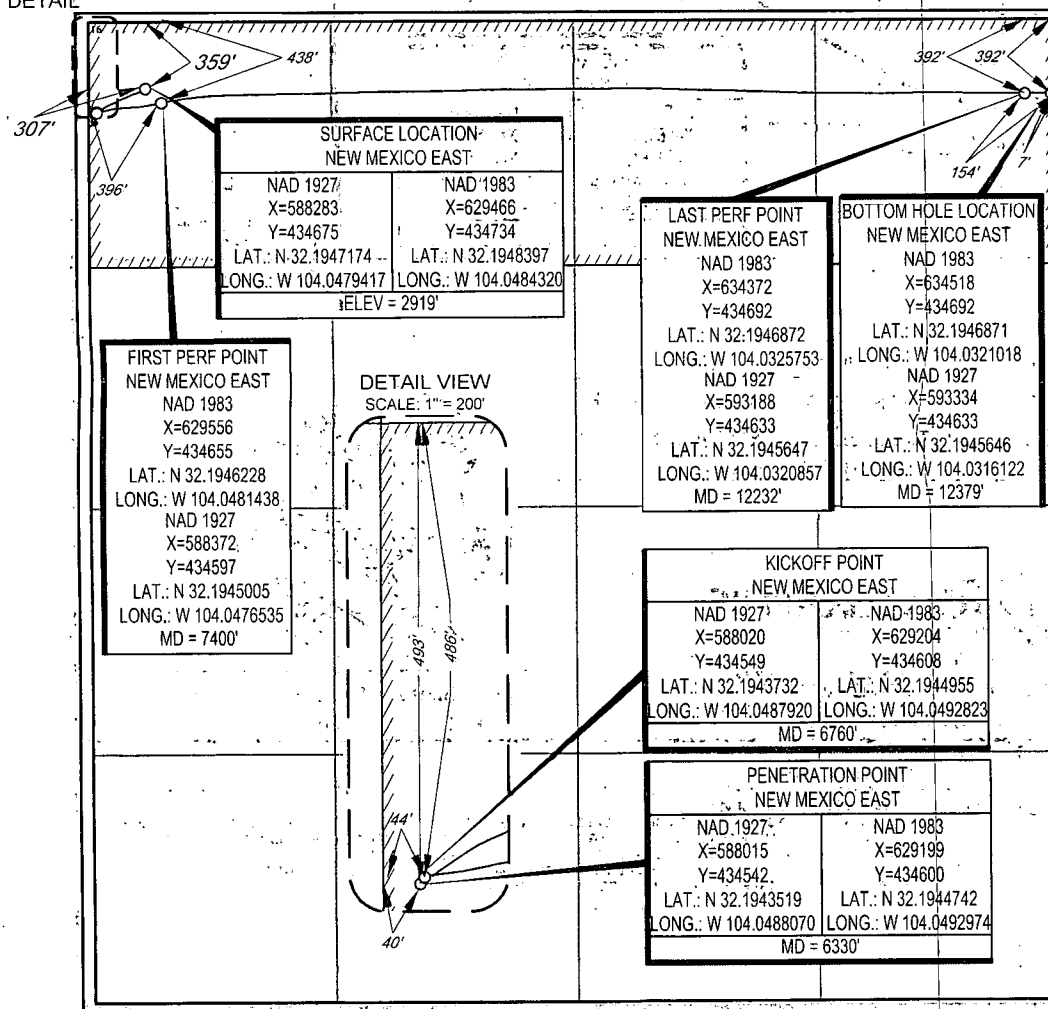
¹¹Bottom Hole Location If Different From Surface

UL or lot no. A	Section 25	Township 24-S	Range 28-E	Lot Ida -	Feet from the 392'	North/South line NORTH	Feet from the 7'	East/West line EAST	County EDDY
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¹² Dedicated Acres 160	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.

SEE
DETAIL



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Chris Carleton* Date: 1/8/20

Printed Name: Chris Carleton

E-mail Address: ccarleton@matadorresources.com

¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

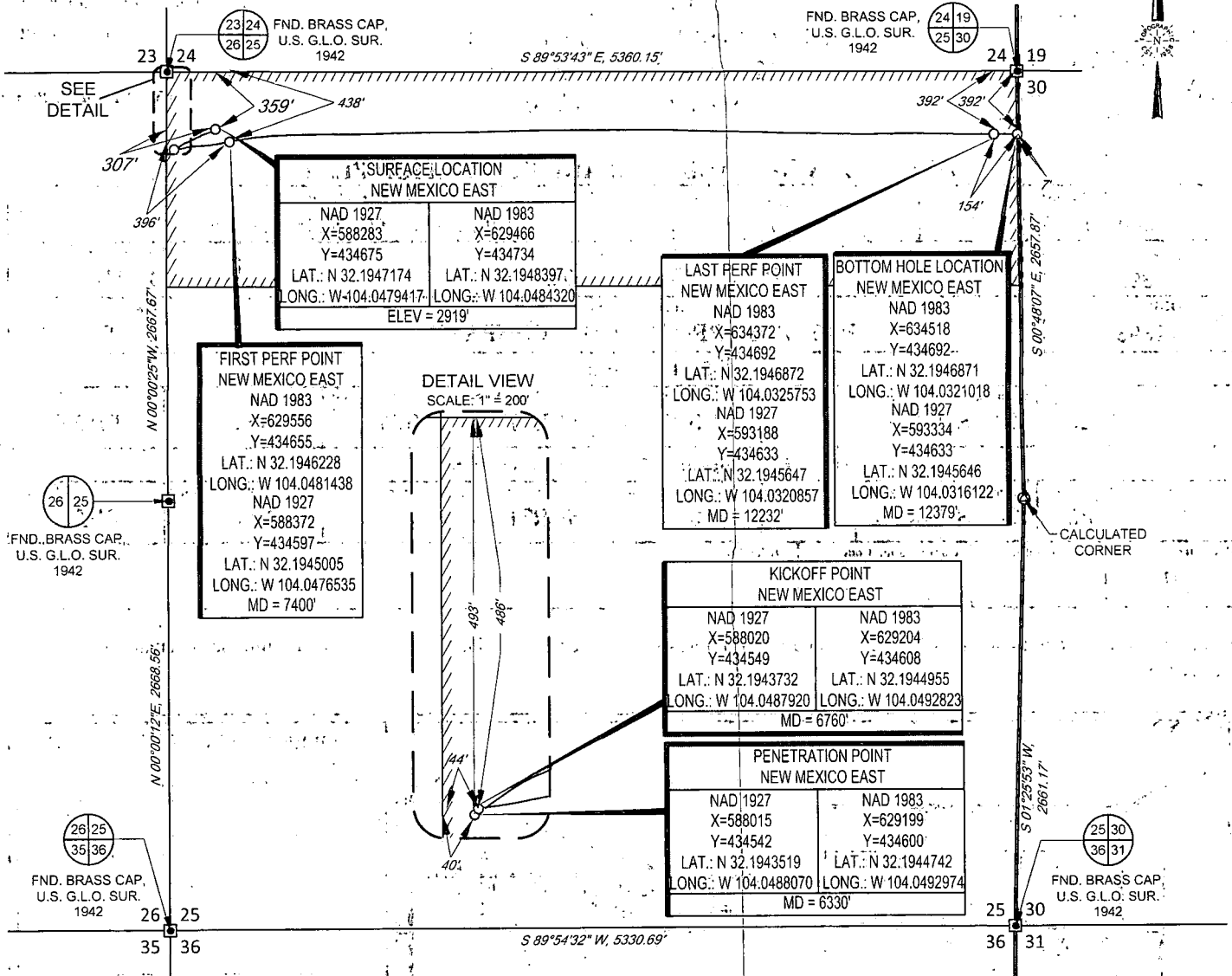
08/22/2019

Date of Survey: 08/22/2019
Signature and Seal of Professional Surveyor: *ANGEL M. BAEZA*

Certificate Number: 28716

SCALE: 1" = 1000'

SECTION 25, TOWNSHIP 24-S, RANGE 28-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: PAUL 25-24S-28E RB 111H
SECTION 25 TWP 24-S RGE 28-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM ELEVATION 2919'
DESCRIPTION 359' FNL & 307' FWL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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
DECEMBER 18, 2019

PAUL 25 24S 28E RB 111H
AS-COMPLETED

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. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.

DATE: 12/18/19

FILE: AD_PAUL_25-24S-28E_RB_111H

DRAWN BY: AMD

SHEET: 1 OF 1



Total Directional
Services, LLC

USA Operations

Final MWD Survey Certification

RECEIVED

JAN 13 2020

EMNRD-OCD ARTESIA

Eddy County, NM

Client: Matador Resources Company

Well Name: Paul 25 24S 28E RB #111H

Total Job No: 2019-683-297

API No: 30-015-46269

Start Date: September 28, 2019

End Date: October 10, 2019

Start Depth: 0'

End Depth: 12,379'

I, Tyson Rellergert, MWD Operator, hereby certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: 10/10/19

Signed: *Tyson Rellergert*



Paul 25 24S 28E RB #111H

Directional Survey Report

Start date: September 28th, 201

End date: October 09, 2019

Company: Matador Resources

Well Name: Paul 25 24S 28E RB #111H

Field:

Rig ID: Patterson 297

API/UWI: 30-015-46269

Location: Paul 25 24S 28E RB

State/Prov: New Mexico

County: Eddy County

Country: USA

Declination: 6.78

North Reference: Grid

Latitude/Longitude: 32.194717 / -104.047941

Survey Company: Total Directional Services

Job Number: 2019-683-297

Proposed Azimuth: 90.11

Elevations KB: 28.5

DF: 2947.50

GL: 2919

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
TiIn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	
1	170.00	1.90	257.30	169.97	-0.62	-2.75	-2.75	2.82	257.30	1.12	170.00
2	343.00	2.00	263.40	342.87	-1.60	-8.55	-8.54	8.69	259.41	0.13	173.00
3	443.00	2.00	254.40	442.81	-2.27	-11.96	-11.96	12.17	259.27	0.31	100.00
4	531.00	1.70	256.10	530.76	-2.99	-14.71	-14.70	15.01	258.49	0.35	88.00
5	681.00	1.50	217.60	680.71	-5.08	-18.06	-18.05	18.77	254.28	0.71	150.00
6	862.00	0.80	196.30	861.67	-8.17	-19.86	-19.85	21.48	247.63	0.45	181.00
7	1,042.00	0.80	74.60	1,041.66	-9.05	-19.01	-18.99	21.05	244.55	0.78	180.00
8	1,223.00	1.20	16.50	1,222.64	-6.89	-17.25	-17.24	18.58	248.22	0.57	181.00
9	1,405.00	0.80	17.90	1,404.61	-3.86	-16.32	-16.31	16.77	256.70	0.22	182.00
10	1,593.00	0.40	321.00	1,592.60	-2.10	-16.33	-16.32	16.46	262.68	0.36	188.00
11	1,780.00	1.50	266.60	1,779.58	-1.74	-19.18	-19.18	19.26	264.83	0.70	187.00
12	1,967.00	0.90	161.50	1,966.55	-3.27	-21.16	-21.15	21.41	261.21	1.04	187.00
13	2,154.00	1.30	155.90	2,153.51	-6.60	-19.83	-19.81	20.90	251.58	0.22	187.00
14	2,340.00	1.60	141.80	2,339.46	-10.57	-17.36	-17.34	20.32	238.66	0.25	186.00
15	2,527.00	1.30	143.50	2,526.40	-14.33	-14.48	-14.45	20.37	225.31	0.16	187.00
16	2,673.00	0.40	260.10	2,672.38	-15.75	-14.00	-13.97	21.07	221.64	1.04	146.00
17	2,902.00	0.50	322.40	2,901.38	-15.09	-15.40	-15.37	21.56	225.57	0.21	229.00
18	3,087.00	2.50	260.50	3,086.31	-15.12	-19.87	-19.84	24.97	232.73	1.25	185.00
19	3,274.00	3.40	253.90	3,273.06	-17.33	-29.22	-29.19	33.97	239.33	0.51	187.00
20	3,460.00	3.30	251.20	3,458.74	-20.58	-39.59	-39.55	44.62	242.53	0.10	186.00
21	3,553.00	4.60	254.10	3,551.52	-22.47	-45.71	-45.66	50.93	243.82	1.41	93.00
22	3,740.00	5.10	252.40	3,737.85	-27.03	-60.84	-60.79	66.58	246.04	0.28	187.00
23	3,833.00	5.20	252.10	3,830.48	-29.58	-68.79	-68.74	74.88	246.73	0.11	93.00
24	4,020.00	6.00	244.80	4,016.58	-36.35	-85.70	-85.63	93.09	247.02	0.57	187.00
25	4,207.00	5.50	242.90	4,202.64	-44.59	-102.52	-102.43	111.80	246.49	0.29	187.00
26	4,394.00	6.20	245.00	4,388.67	-52.94	-119.65	-119.55	130.84	246.13	0.39	187.00
27	4,581.00	6.60	244.50	4,574.50	-61.83	-138.50	-138.38	151.68	245.94	0.22	187.00
28	4,768.00	6.30	241.90	4,760.32	-71.29	-157.25	-157.12	172.66	245.61	0.22	187.00
29	4,955.00	6.20	248.60	4,946.21	-79.81	-175.71	-175.55	192.98	245.57	0.39	187.00
30	5,141.00	4.80	247.30	5,131.35	-86.48	-192.24	-192.07	210.79	245.78	0.76	186.00
31	5,326.00	5.10	240.40	5,315.66	-93.53	-206.53	-206.35	226.72	245.64	0.36	185.00
32	5,513.00	5.40	236.40	5,501.88	-102.50	-221.08	-220.89	243.69	245.13	0.25	187.00
33	5,699.00	4.60	236.30	5,687.17	-111.48	-234.58	-234.36	259.72	244.58	0.43	186.00
34	5,886.00	4.30	235.50	5,873.60	-119.62	-246.59	-246.36	274.07	244.12	0.16	187.00
35	6,073.00	4.00	229.60	6,060.11	-127.81	-257.34	-257.09	287.33	243.59	0.28	187.00
36	6,260.00	2.60	249.20	6,246.80	-133.55	-266.27	-266.01	297.89	243.36	0.95	187.00
37	6,447.00	1.00	43.30	6,433.75	-133.87	-269.12	-268.86	300.57	243.55	1.89	187.00
38	6,634.00	1.80	5.30	6,620.70	-129.75	-267.73	-267.48	297.51	244.14	0.63	187.00
39	6,747.00	3.90	63.50	6,733.57	-126.27	-264.12	-263.88	292.76	244.45	2.94	113.00
40	6,794.00	9.00	80.30	6,780.26	-124.94	-259.07	-258.83	287.62	244.25	11.46	47.00
41	6,840.00	13.70	84.00	6,825.35	-123.76	-250.10	-249.86	279.04	243.67	10.33	46.00
42	6,887.00	18.50	82.90	6,870.49	-122.26	-237.15	-236.92	266.81	242.73	10.23	47.00
43	6,933.00	22.20	80.60	6,913.62	-119.93	-221.33	-221.10	251.74	241.55	8.23	46.00
44	6,980.00	26.10	78.60	6,956.50	-116.44	-202.43	-202.21	233.53	240.09	8.48	47.00
45	7,026.00	30.60	78.30	6,996.97	-112.06	-181.04	-180.82	212.91	238.24	9.79	46.00
46	7,073.00	33.40	83.10	7,036.83	-108.08	-156.47	-156.26	190.17	235.37	8.04	47.00
47	7,120.00	39.40	85.30	7,074.64	-105.30	-128.74	-128.53	166.32	230.72	13.06	47.00
48	7,167.00	42.80	87.60	7,110.06	-103.41	-97.91	-97.71	142.41	223.43	7.92	47.00
49	7,213.00	47.70	85.70	7,142.43	-101.48	-65.31	-65.11	120.68	212.76	11.05	46.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
50	7,260.00	53.00	84.10	7,172.41	-98.25	-29.28	-29.09	102.52	196.60	11.58	47.00
51	7,307.00	57.40	81.20	7,199.24	-93.28	8.98	9.16	93.72	174.50	10.64	47.00
52	7,354.00	61.60	79.10	7,223.09	-86.34	48.86	49.03	99.21	150.49	9.73	47.00
53	7,399.00	64.10	79.40	7,243.62	-78.88	88.20	88.35	118.32	131.81	5.59	45.00
54	7,446.00	67.80	78.50	7,262.77	-70.65	130.31	130.45	148.23	118.46	8.06	47.00
55	7,492.00	71.60	80.20	7,278.73	-62.68	172.71	172.83	183.73	109.95	8.96	46.00
56	7,539.00	74.90	82.40	7,292.27	-55.88	217.18	217.29	224.26	104.43	8.33	47.00
57	7,586.00	79.90	83.00	7,302.52	-50.06	262.67	262.76	267.39	100.79	10.71	47.00
58	7,679.00	86.20	87.30	7,313.78	-42.28	354.59	354.67	357.10	96.80	8.18	93.00
59	7,773.00	87.60	88.70	7,318.86	-39.01	448.39	448.46	450.08	94.97	2.10	94.00
60	7,868.00	90.40	89.10	7,320.52	-37.19	543.35	543.42	544.62	93.92	2.98	95.00
61	7,962.00	91.70	88.30	7,318.79	-35.05	637.30	637.37	638.27	93.15	1.62	94.00
62	8,055.00	88.80	89.20	7,318.39	-33.03	730.27	730.33	731.02	92.59	3.26	93.00
63	8,149.00	88.00	89.20	7,321.01	-31.71	824.22	824.28	824.83	92.20	0.85	94.00
64	8,242.00	89.30	89.00	7,323.20	-30.25	917.18	917.24	917.68	91.89	1.41	93.00
65	8,336.00	88.40	88.80	7,325.09	-28.45	1,011.15	1,011.20	1,011.55	91.61	0.98	94.00
66	8,429.00	89.20	88.40	7,327.04	-26.18	1,104.10	1,104.14	1,104.41	91.36	0.96	93.00
67	8,523.00	88.10	89.10	7,329.25	-24.13	1,198.05	1,198.09	1,198.29	91.15	1.39	94.00
68	8,616.00	89.00	89.50	7,331.61	-22.99	1,291.01	1,291.05	1,291.21	91.02	1.06	93.00
69	8,710.00	87.20	89.80	7,334.72	-22.42	1,384.95	1,384.99	1,385.13	90.93	1.94	94.00
70	8,803.00	86.80	89.40	7,339.59	-21.77	1,477.82	1,477.86	1,477.98	90.84	0.61	93.00
71	8,896.00	88.00	89.10	7,343.81	-20.55	1,570.72	1,570.75	1,570.85	90.75	1.33	93.00
72	8,989.00	89.10	88.40	7,346.16	-18.52	1,663.66	1,663.69	1,663.76	90.64	1.40	93.00
73	9,083.00	90.30	88.20	7,346.65	-15.74	1,757.62	1,757.64	1,757.69	90.51	1.29	94.00
74	9,177.00	89.90	88.70	7,346.49	-13.19	1,851.58	1,851.60	1,851.63	90.41	0.68	94.00
75	9,270.00	90.50	89.30	7,346.17	-11.57	1,944.57	1,944.58	1,944.60	90.34	0.91	93.00
76	9,362.00	89.20	89.70	7,346.41	-10.77	2,036.56	2,036.58	2,036.59	90.30	1.48	92.00
77	9,456.00	89.40	90.00	7,347.55	-10.52	2,130.55	2,130.57	2,130.58	90.28	0.38	94.00
78	9,549.00	90.30	89.70	7,347.80	-10.28	2,223.55	2,223.57	2,223.57	90.26	1.02	93.00
79	9,643.00	88.80	89.70	7,348.54	-9.79	2,317.54	2,317.56	2,317.56	90.24	1.60	94.00
80	9,736.00	88.70	90.40	7,350.56	-9.87	2,410.52	2,410.54	2,410.54	90.23	0.76	93.00
81	9,830.00	89.40	89.60	7,352.12	-9.87	2,504.51	2,504.52	2,504.53	90.23	1.13	94.00
82	9,923.00	90.40	88.60	7,352.29	-8.41	2,597.49	2,597.50	2,597.51	90.19	1.52	93.00
83	10,017.00	90.00	89.80	7,351.96	-7.09	2,691.48	2,691.49	2,691.49	90.15	1.35	94.00
84	10,110.00	90.40	91.30	7,351.63	-7.99	2,784.47	2,784.48	2,784.49	90.16	1.67	93.00
85	10,203.00	89.90	91.40	7,351.39	-10.18	2,877.45	2,877.46	2,877.47	90.20	0.55	93.00
86	10,296.00	88.10	91.80	7,353.01	-12.77	2,970.39	2,970.41	2,970.42	90.25	1.98	93.00
87	10,389.00	88.20	91.90	7,356.01	-15.77	3,063.30	3,063.32	3,063.34	90.30	0.15	93.00
88	10,483.00	89.40	91.50	7,357.98	-18.56	3,157.23	3,157.26	3,157.29	90.34	1.35	94.00
89	10,576.00	88.50	91.30	7,359.69	-20.83	3,250.19	3,250.22	3,250.25	90.37	0.99	93.00
90	10,670.00	89.10	91.90	7,361.66	-23.46	3,344.13	3,344.17	3,344.21	90.40	0.90	94.00
91	10,763.00	87.60	91.70	7,364.33	-26.38	3,437.04	3,437.09	3,437.14	90.44	1.63	93.00
92	10,857.00	87.50	91.90	7,368.35	-29.33	3,530.91	3,530.96	3,531.03	90.48	0.24	94.00
93	10,950.00	89.10	91.60	7,371.11	-32.17	3,623.82	3,623.88	3,623.97	90.51	1.75	93.00
94	11,044.00	88.00	90.80	7,373.49	-34.13	3,717.77	3,717.83	3,717.93	90.53	1.45	94.00
95	11,137.00	87.70	91.20	7,376.98	-35.76	3,810.69	3,810.75	3,810.86	90.54	0.54	93.00
96	11,230.00	87.30	90.70	7,381.04	-37.30	3,903.59	3,903.65	3,903.77	90.55	0.69	93.00
97	11,324.00	87.10	91.00	7,385.63	-38.69	3,997.47	3,997.53	3,997.65	90.55	0.38	94.00
98	11,417.00	88.10	90.20	7,389.52	-39.66	4,090.38	4,090.45	4,090.57	90.56	1.38	93.00
99	11,510.00	90.20	89.10	7,390.90	-39.09	4,183.36	4,183.43	4,183.54	90.54	2.55	93.00
100	11,604.00	89.40	88.60	7,391.23	-37.21	4,277.34	4,277.40	4,277.50	90.50	1.00	94.00
101	11,697.00	87.80	90.30	7,393.50	-36.31	4,370.30	4,370.36	4,370.45	90.48	2.51	93.00
102	11,790.00	86.30	90.70	7,398.29	-37.13	4,463.17	4,463.23	4,463.32	90.48	1.67	93.00
103	11,883.00	85.80	90.70	7,404.69	-38.26	4,555.94	4,556.01	4,556.10	90.48	0.54	93.00
104	11,977.00	87.00	91.10	7,410.60	-39.73	4,649.74	4,649.81	4,649.91	90.49	1.35	94.00
105	12,071.00	88.20	90.70	7,414.53	-41.21	4,743.65	4,743.72	4,743.83	90.50	1.35	94.00
106	12,164.00	89.10	90.20	7,416.72	-41.94	4,836.62	4,836.69	4,836.80	90.50	1.11	93.00
107	12,258.00	90.20	90.10	7,417.30	-42.18	4,930.61	4,930.68	4,930.79	90.49	1.18	94.00
108	12,313.00	90.90	89.70	7,416.77	-42.09	4,985.61	4,985.68	4,985.79	90.48	1.47	55.00
PTB	12,379.00	90.90	89.70	7,415.73	-41.74	5,051.60	5,051.67	5,051.77	90.47	0.00	66.00