

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

☒ AMENDED REPORT

¹ API Number 30-015-45052	² Pool Code 97860	³ Pool Name JENNINGS; BONE SPRING, WEST
⁴ Property Code 319502	⁵ Property Name LUSITANO 27-34 FED COM	⁶ Well Number 333H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3335.2

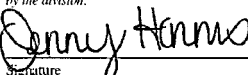
UL or lot no. C	Section 27	Township 25 S	Range 31 E	Lot Idn	Feet from the	North/South line NORTH	Feet from the	East/West line WEST	County EDDY
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UL or lot no. C	Section 34	Township 25 S	Range 31 E	Lot Idn	Feet from the 1298	North/South line NORTH	Feet from the	East/West line WEST	County EDDY
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¹² Dedicated Acres 200	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.
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17 OPERATOR 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

11-18-2019
 Date

Jenny Harms
 Printed Name

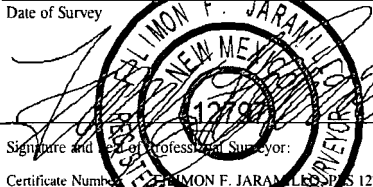
Jenny.harms@dmv.com
 E-mail Address

18 SURVEYOR 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 and correct to the best of my belief.

DECEMBER 7, 2018

Date of Survey

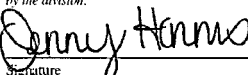

 Signature and Seal of Professional Surveyor

Certificate Number: 12797
 William F. Jaramila

Survey No. 6428A

19 SURVEYOR 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

11-18-2019
 Date

Jenny Harms
 Printed Name

Jenny.harms@dmv.com
 E-mail Address

RECEIVED

FEB 03 2020

EMNRD-OCD ARTESIA

Intent ☐ As Drilled ☒ X

API #

30-01546002

Operator Name:

DEVON

Property Name:

LUSITANO 27-34 FED

Well Number

333H

Kick Off Point (KOP)

UL C	Section 27	Township 25S	Range 31E	Lot	Feet 96	From N/S NORTH	Feet 2153	From E/W WEST	County EDDY
Latitude 32.1082884					Longitude 103.7675261			NAD 83	

First Take Point (FTP)

UL C	Section 27	Township 25S	Range 31E	Lot	Feet 337	From N/S NORTH	Feet 2198	From E/W WEST	County EDDY
Latitude 32.1076241					Longitude 103.7673876			NAD 83	

Last Take Point (LTP)

UL C	Section 34	Township 25S	Range 31E	Lot	Feet 1203	From N/S NORTH	Feet 2235	From E/W WEST	County EDDY
Latitude 32.0906946					Longitude 103.7673870			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

no

Is this well an infill well?

yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

Property Name:

Well Number

KZ 06/29/2018



Total Directional
Services, LLC
USA Operations

Final MWD Survey Certification

Lea County, New Mexico

Client: Devon Energy

Well Name: Lusitano 27-34 Fed Com 333H

Total Job No: 2019-166-129

API No: 30-015-45652

Start Date: 04/05/2019

End Date: 05/02/2019

Measured Start Depth: 120 feet

Measured End Depth: 17976 feet

Vertical Section from well center at TD: 6374.33 Feet

RECEIVED

FEB 03 2020

EMNRD-OCD ARTESIA

I, Cayden Ferguson, 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: 05/02/2019

Signed: *Cayden Ferguson*

DIRECTIONAL SURVEY REPORT

Company name: Devon Energy

Well name: Lusitano 27-34 Fed Com 333H

Field: Purple Sage (Wolfcamp)

Rig: Catcus 129

API/UWI: 30-015-45652

State/Province: New Mexico

County/Parish: Eddy

Location New Mexico East

Start date: 04/05/2019

End date: 05/02/2019

Proposed direction: 175.74

Declination: 6.55

North Reference: Grid

Latitude/Longitude: 32.107905

KB: 3365.2

SVY	Depth	Inc	Azm	TVD	VS	NS	EW	CD	CA	DLS
Tiein	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00
1	213.00	0.50	330.10	213.00	-0.84	0.81	-0.46	0.93	330.10	0.23
2	304.00	0.60	4.60	303.99	-1.67	1.62	-0.62	1.74	339.02	0.37
3	394.00	0.70	333.90	393.99	-2.64	2.59	-0.83	2.72	342.28	0.40
4	487.00	0.60	320.20	486.98	-3.57	3.47	-1.39	3.74	338.20	0.20
5	579.00	0.90	296.10	578.97	-4.32	4.16	-2.35	4.78	330.58	0.47
6	670.00	1.40	283.40	669.96	-5.02	4.73	-4.07	6.24	319.31	0.61
7	761.00	1.90	288.80	760.92	-5.95	5.48	-6.58	8.56	309.78	0.57
8	854.00	2.00	302.60	853.86	-7.53	6.85	-9.41	11.63	306.06	0.51
9	966.00	2.20	305.90	965.79	-10.09	9.16	-12.79	15.73	305.61	0.21
10	1059.00	2.20	343.40	1058.73	-12.98	11.92	-14.75	18.96	308.94	1.52
11	1152.00	3.20	13.80	1151.63	-17.19	16.15	-14.64	21.80	317.81	1.84
12	1244.00	3.40	50.00	1243.48	-21.23	20.40	-11.94	23.63	329.66	2.24
13	1337.00	4.80	76.80	1336.25	-23.44	23.06	-6.04	23.84	345.33	2.51
14	1428.00	5.20	96.00	1426.91	-23.30	23.50	1.77	23.56	4.31	1.88
15	1519.00	5.10	123.70	1517.56	-20.08	20.82	9.24	22.78	23.93	2.71
16	1611.00	6.20	144.60	1609.12	-13.31	14.50	15.52	21.24	46.94	2.52
17	1703.00	5.50	158.50	1700.64	-4.85	6.35	20.01	21.00	72.40	1.71
18	1798.00	4.60	156.70	1795.27	3.10	-1.38	23.19	23.23	93.42	0.96
19	1893.00	2.80	150.30	1890.07	8.80	-6.90	25.85	26.75	104.94	1.94
20	1989.00	2.20	152.50	1985.98	12.61	-10.57	27.86	29.80	110.78	0.63
21	2084.00	1.00	145.60	2080.94	15.00	-12.87	29.17	31.88	113.81	1.28
22	2179.00	0.80	321.70	2175.94	15.17	-13.04	29.23	32.00	114.04	1.89
23	2274.00	0.80	312.10	2270.93	14.14	-12.07	28.32	30.79	113.08	0.14
24	2370.00	0.50	336.00	2366.92	13.26	-11.24	27.66	29.85	112.11	0.41
25	2465.00	0.90	59.60	2461.92	12.54	-10.48	28.13	30.02	110.44	1.03
26	2560.00	2.60	58.80	2556.87	11.24	-8.99	30.62	31.91	106.36	1.79
27	2656.00	4.30	54.50	2652.69	8.38	-5.77	35.41	35.88	99.25	1.79
28	2751.00	5.20	53.60	2747.36	4.25	-1.15	41.78	41.79	91.57	0.95
29	2847.00	6.10	50.20	2842.90	-1.03	4.70	49.20	49.42	84.54	1.00
30	2942.00	6.80	56.90	2937.30	-6.68	11.00	57.79	58.82	79.22	1.08
31	3037.00	6.30	65.10	3031.68	-11.23	16.27	67.23	69.17	76.40	1.12
32	3133.00	7.70	66.50	3126.96	-15.21	21.05	77.90	80.70	74.88	1.47
33	3228.00	8.40	72.10	3221.03	-18.94	25.72	90.34	93.93	74.11	1.11
34	3324.00	8.60	70.40	3315.97	-22.49	30.28	103.78	108.10	73.73	0.33
35	3419.00	8.50	67.60	3409.92	-26.56	35.34	116.96	122.18	73.19	0.45
36	3514.00	7.60	66.10	3503.98	-30.85	40.56	129.19	135.41	72.57	0.97

37	3610.00	8.40	70.50	3599.04	-34.83	45.48	141.61	148.73	72.20	1.05
38	3705.00	7.90	75.50	3693.09	-37.82	49.43	154.47	162.18	72.26	0.91
39	3800.00	6.90	67.60	3787.30	-40.75	53.24	166.07	174.39	72.23	1.50
40	3896.00	7.10	50.70	3882.59	-45.96	59.19	175.99	185.68	71.41	2.15
41	3991.00	6.90	43.20	3976.88	-53.19	67.07	184.44	196.26	70.02	0.98
42	4086.00	6.00	44.00	4071.28	-60.35	74.80	191.80	205.87	68.69	0.95
43	4182.00	4.90	42.20	4166.85	-66.51	81.45	198.04	214.13	67.64	1.16
44	4277.00	4.60	41.70	4261.52	-71.96	87.30	203.29	221.25	66.76	0.32
45	4373.00	4.00	49.30	4357.25	-76.62	92.36	208.39	227.94	66.10	0.86
46	4468.00	5.80	57.30	4451.90	-80.88	97.11	214.95	235.87	65.69	2.02
47	4564.00	6.00	57.20	4547.39	-85.58	102.45	223.25	245.63	65.35	0.21
48	4659.00	5.60	56.70	4641.91	-90.21	107.68	231.29	255.13	65.03	0.42
49	4754.00	6.20	65.90	4736.40	-94.20	112.32	239.85	264.85	64.91	1.18
50	4849.00	5.60	68.80	4830.90	-97.29	116.10	248.85	274.60	64.99	0.71
51	4944.00	5.60	68.00	4925.45	-100.05	119.51	257.47	283.86	65.10	0.08
52	5039.00	5.30	69.20	5020.02	-102.71	122.80	265.87	292.86	65.21	0.34
53	5135.00	5.10	69.50	5115.62	-105.17	125.87	274.01	301.54	65.33	0.21
54	5230.00	6.40	64.60	5210.14	-108.26	129.62	282.75	311.05	65.37	1.46
55	5325.00	6.00	62.40	5304.59	-112.14	134.19	291.94	321.30	65.31	0.49
56	5421.00	5.70	65.00	5400.09	-115.81	138.53	300.70	331.08	65.26	0.42
57	5517.00	5.20	62.60	5495.65	-119.21	142.55	308.89	340.19	65.23	0.57
58	5612.00	5.40	61.80	5590.25	-122.72	146.64	316.65	348.96	65.15	0.22
59	5707.00	5.30	60.90	5684.83	-126.37	150.89	324.42	357.79	65.06	0.14
60	5802.00	5.20	62.90	5779.43	-129.89	154.98	332.09	366.47	64.98	0.22
61	5898.00	4.90	59.50	5875.06	-133.39	159.05	339.49	374.90	64.90	0.44
62	5993.00	4.30	60.30	5969.76	-136.71	162.87	346.08	382.49	64.80	0.64
63	6088.00	4.00	59.50	6064.51	-139.71	166.32	352.03	389.34	64.71	0.32
64	6184.00	3.60	61.00	6160.30	-142.45	169.48	357.55	395.68	64.64	0.43
65	6279.00	3.40	63.20	6255.12	-144.78	172.19	362.68	401.48	64.60	0.25
66	6374.00	3.30	68.10	6349.96	-146.69	174.48	367.73	407.02	64.62	0.32
67	6470.00	3.00	70.40	6445.81	-148.19	176.36	372.66	412.28	64.67	0.34
68	6565.00	3.80	72.60	6540.64	-149.56	178.13	378.00	417.87	64.77	0.85
69	6660.00	4.10	71.10	6635.42	-151.13	180.17	384.22	424.37	64.88	0.33
70	6756.00	3.70	72.90	6731.19	-152.69	182.20	390.43	430.85	64.98	0.44
71	6851.00	3.30	74.80	6826.02	-153.89	183.81	396.00	436.58	65.10	0.44
72	6946.00	3.00	70.00	6920.87	-155.08	185.38	400.97	441.75	65.19	0.42
73	7042.00	2.80	73.10	7016.75	-156.28	186.92	405.58	446.58	65.26	0.26
74	7137.00	2.60	74.20	7111.65	-157.22	188.18	409.87	451.00	65.34	0.22
75	7233.00	2.50	74.60	7207.55	-158.06	189.33	413.98	455.22	65.42	0.11
76	7328.00	2.20	71.30	7302.47	-158.91	190.47	417.71	459.08	65.49	0.35
77	7423.00	1.90	75.40	7397.41	-159.65	191.45	420.96	462.45	65.54	0.35
78	7519.00	1.90	71.20	7493.36	-160.33	192.36	424.00	465.60	65.60	0.15
79	7614.00	1.80	73.50	7588.31	-161.05	193.29	426.93	468.65	65.64	0.13
80	7710.00	1.60	76.90	7684.26	-161.57	194.03	429.68	471.45	65.70	0.23
81	7805.00	1.20	82.10	7779.24	-161.84	194.46	431.95	473.71	65.76	0.44
82	7900.00	1.20	81.80	7874.22	-161.97	194.74	433.92	475.62	65.83	0.01
83	7996.00	0.80	87.70	7970.20	-162.02	194.91	435.59	477.21	65.89	0.43
84	8091.00	0.80	102.10	8065.19	-161.81	194.80	436.90	478.36	65.97	0.21
85	8186.00	0.80	118.70	8160.18	-161.26	194.34	438.13	479.30	66.08	0.24

86	8281.00	0.50	94.50	8255.18	-160.84	193.99	439.13	480.07	66.17	0.42
87	8377.00	0.50	114.60	8351.17	-160.57	193.78	439.92	480.71	66.23	0.18
88	8472.00	0.10	213.80	8446.17	-160.30	193.54	440.25	480.92	66.27	0.55
89	8567.00	0.10	242.70	8541.17	-160.21	193.44	440.13	480.77	66.27	0.05
90	8663.00	0.70	201.70	8637.17	-159.65	192.85	439.84	480.26	66.32	0.65
91	8758.00	0.80	308.40	8732.16	-159.57	192.72	439.11	479.54	66.30	1.27
92	8853.00	0.40	28.40	8827.16	-160.30	193.43	438.75	479.49	66.21	0.87
93	8948.00	0.30	10.90	8922.16	-160.82	193.96	438.95	479.90	66.16	0.15
94	9044.00	0.90	294.70	9018.15	-161.43	194.53	438.31	479.54	66.07	0.91
95	9139.00	1.40	299.50	9113.13	-162.44	195.41	436.63	478.36	65.89	0.54
96	9234.00	1.10	272.40	9208.11	-163.19	196.02	434.71	476.86	65.73	0.69
97	9330.00	1.30	258.60	9304.09	-163.16	195.84	432.72	474.97	65.65	0.36
98	9425.00	1.30	256.00	9399.07	-162.84	195.37	430.61	472.86	65.60	0.06
99	9536.00	1.30	259.60	9510.04	-162.49	194.84	428.15	470.40	65.53	0.07
100	9631.00	1.00	274.50	9605.02	-162.51	194.71	426.27	468.63	65.45	0.44
101	9726.00	0.80	294.50	9700.01	-162.95	195.05	424.84	467.47	65.34	0.39
102	9821.00	0.80	289.90	9795.00	-163.54	195.55	423.61	466.57	65.22	0.07
103	9916.00	1.10	267.90	9889.99	-163.85	195.74	422.08	465.26	65.12	0.49
104	10011.00	1.40	251.70	9984.96	-163.60	195.34	420.06	463.26	65.06	0.48
105	10058.00	1.60	255.50	10031.95	-163.34	195.00	418.88	462.05	65.04	0.48
106	10192.00	1.50	244.40	10165.90	-162.37	193.77	415.49	458.45	65.00	0.24
107	10288.00	1.70	245.10	10261.86	-161.41	192.63	413.07	455.77	65.00	0.21
108	10383.00	1.80	243.40	10356.82	-160.35	191.37	410.45	452.87	65.00	0.12
109	10478.00	1.70	233.30	10451.77	-159.03	189.86	407.99	450.00	65.05	0.34
110	10573.00	1.60	238.80	10546.73	-157.67	188.33	405.72	447.30	65.10	0.20
111	10668.00	0.70	161.60	10641.72	-156.51	187.09	404.77	445.92	65.19	1.68
112	10764.00	1.30	167.20	10737.70	-154.86	185.47	405.20	445.63	65.40	0.63
113	10859.00	1.30	150.90	10832.68	-152.82	183.48	405.96	445.50	65.68	0.39
114	10954.00	1.30	135.70	10927.65	-151.01	181.77	407.24	445.96	65.95	0.36
115	11050.00	2.40	161.70	11023.60	-148.23	179.08	408.63	446.15	66.33	1.41
116	11145.00	9.70	160.10	11118.01	-138.58	169.65	411.98	445.55	67.62	7.69
117	11240.00	12.50	161.60	11211.22	-120.90	152.37	417.95	444.86	69.97	2.96
118	11335.00	14.70	160.40	11303.56	-99.30	131.26	425.24	445.04	72.85	2.33
119	11430.00	20.60	164.80	11394.05	-71.25	103.75	433.68	445.91	76.55	6.36
120	11476.00	30.60	162.70	11435.48	-51.84	84.71	439.30	447.39	79.09	21.83
121	11525.00	41.80	166.70	11474.96	-23.47	56.82	446.79	450.38	82.75	23.35
122	11572.00	48.80	170.70	11508.01	9.66	24.08	453.26	453.89	86.96	16.07
123	11620.00	55.30	171.60	11537.51	47.37	-13.30	459.06	459.26	91.66	13.62
124	11716.00	75.40	178.90	11577.39	134.09	-99.77	465.80	476.36	102.09	22.03
125	11814.00	86.70	181.90	11592.62	230.41	-196.40	465.08	504.85	112.89	11.92
126	11910.00	89.90	180.50	11595.46	325.92	-292.33	463.07	547.62	122.26	3.64
127	12005.00	90.20	180.10	11595.38	420.61	-387.32	462.58	603.32	129.94	0.53
128	12097.00	90.20	179.80	11595.06	512.37	-479.32	462.66	666.18	136.01	0.33
129	12193.00	90.30	179.10	11594.64	608.16	-575.32	463.58	738.85	141.14	0.74
130	12288.00	88.80	177.00	11595.39	703.07	-670.25	466.81	816.79	145.14	2.72
131	12383.00	90.90	177.00	11595.64	798.05	-765.12	471.78	898.88	148.34	2.21
132	12478.00	91.50	179.20	11593.65	892.94	-860.04	474.93	982.46	151.09	2.40
133	12573.00	91.00	179.20	11591.57	987.74	-955.00	476.26	1067.17	153.49	0.53
134	12669.00	90.30	178.90	11590.48	1083.58	-1050.98	477.85	1154.52	155.55	0.79

135	12764.00	91.80	179.90	11588.74	1178.36	-1145.96	478.84	1241.98	157.32	1.90
136	12859.00	91.30	179.90	11586.17	1273.08	-1240.92	479.01	1330.17	158.89	0.53
137	12956.00	90.40	180.10	11584.73	1369.80	-1337.91	479.01	1421.08	160.30	0.95
138	13050.00	89.70	180.40	11584.65	1463.51	-1431.91	478.60	1509.78	161.52	0.81
139	13145.00	91.40	179.30	11583.74	1558.25	-1526.90	478.85	1600.22	162.59	2.13
140	13241.00	91.30	179.30	11581.48	1654.04	-1622.87	480.02	1692.37	163.52	0.10
141	13336.00	90.50	179.80	11579.99	1748.82	-1717.85	480.77	1783.86	164.36	0.99
142	13431.00	89.90	179.60	11579.66	1843.59	-1812.85	481.26	1875.64	165.13	0.67
143	13526.00	91.60	178.70	11578.41	1938.41	-1907.83	482.67	1967.94	165.80	2.02
144	13622.00	91.10	178.60	11576.15	2034.26	-2003.77	484.93	2061.62	166.40	0.53
145	13717.00	90.10	177.80	11575.16	2129.16	-2098.72	487.92	2154.69	166.91	1.35
146	13812.00	89.30	177.20	11575.65	2224.12	-2193.62	492.06	2248.14	167.36	1.05
147	13907.00	89.70	177.80	11576.48	2319.07	-2288.53	496.20	2341.71	167.77	0.76
148	14003.00	90.70	178.60	11576.15	2414.98	-2384.48	499.22	2436.18	168.18	1.33
149	14098.00	91.60	179.00	11574.24	2509.82	-2479.44	501.21	2529.59	168.57	1.04
150	14193.00	92.10	181.50	11571.17	2604.47	-2574.38	500.79	2622.64	168.99	2.68
151	14288.00	91.90	182.20	11567.86	2698.87	-2669.27	497.73	2715.28	169.44	0.77
152	14383.00	91.60	181.40	11564.96	2793.29	-2764.18	494.75	2808.11	169.85	0.90
153	14479.00	91.00	181.30	11562.78	2888.81	-2860.13	492.49	2902.22	170.23	0.63
154	14574.00	90.70	180.50	11561.37	2983.41	-2955.11	490.99	2995.62	170.57	0.90
155	14669.00	90.90	182.50	11560.04	3077.92	-3050.06	488.51	3088.93	170.90	2.12
156	14764.00	88.20	182.90	11560.79	3172.21	-3144.94	484.03	3181.97	171.25	2.87
157	14860.00	87.40	182.30	11564.47	3267.45	-3240.77	479.68	3276.08	171.58	1.04
158	14955.00	87.30	181.90	11568.87	3361.76	-3335.61	476.20	3369.43	171.88	0.43
159	15050.00	88.90	182.00	11572.02	3456.15	-3430.50	472.97	3462.95	172.15	1.69
160	15145.00	89.50	181.00	11573.34	3550.66	-3525.45	470.49	3556.71	172.40	1.23
161	15241.00	88.50	180.80	11575.02	3646.26	-3621.42	468.98	3651.66	172.62	1.06
162	15336.00	89.70	179.90	11576.51	3740.93	-3716.41	468.40	3745.81	172.82	1.58
163	15431.00	92.20	181.30	11574.93	3835.57	-3811.38	467.41	3839.93	173.01	3.02
164	15526.00	92.50	180.80	11571.04	3930.08	-3906.28	465.67	3933.94	173.20	0.61
165	15621.00	92.10	180.30	11567.23	4024.67	-4001.20	464.75	4028.10	173.37	0.67
166	15716.00	91.40	180.10	11564.33	4119.34	-4096.16	464.42	4122.40	173.53	0.77
167	15812.00	88.90	180.70	11564.07	4215.01	-4192.15	463.75	4217.72	173.69	2.68
168	15907.00	87.50	180.10	11567.06	4309.65	-4287.09	463.09	4312.03	173.83	1.60
169	16002.00	87.70	179.00	11571.04	4404.35	-4382.01	463.84	4406.49	173.96	1.18
170	16097.00	88.20	178.40	11574.43	4499.17	-4476.92	465.99	4501.11	174.06	0.82
171	16193.00	89.20	178.60	11576.61	4595.03	-4572.86	468.50	4596.80	174.15	1.06
172	16288.00	89.70	178.60	11577.52	4689.91	-4667.83	470.82	4691.51	174.24	0.53
173	16383.00	92.70	179.20	11575.54	4784.73	-4762.78	472.65	4786.17	174.33	3.22
174	16478.00	93.20	179.30	11570.65	4879.43	-4857.64	473.89	4880.70	174.43	0.54
175	16574.00	91.50	180.90	11566.71	4975.06	-4953.56	473.72	4976.16	174.54	2.43
176	16669.00	91.70	180.90	11564.06	5069.64	-5048.51	472.23	5070.55	174.66	0.21
177	16764.00	89.60	179.30	11562.98	5164.35	-5143.49	472.06	5165.11	174.76	2.78
178	16860.00	89.10	178.70	11564.07	5260.19	-5239.47	473.74	5260.84	174.83	0.81
179	16955.00	89.30	178.90	11565.39	5355.04	-5334.44	475.73	5355.61	174.90	0.30
180	17050.00	92.70	180.20	11563.74	5449.80	-5429.41	476.47	5450.28	174.98	3.83
181	17146.00	92.00	179.80	11559.80	5545.45	-5525.33	476.47	5545.83	175.07	0.84
182	17241.00	91.10	178.90	11557.23	5640.23	-5620.28	477.55	5640.54	175.14	1.34
183	17337.00	90.20	177.90	11556.14	5736.12	-5716.24	480.23	5736.37	175.20	1.40

184	17432.00	89.30	177.30	11556.56	5831.07	-5811.15	484.21	5831.29	175.24	1.14
185	17527.00	90.90	178.30	11556.39	5926.00	-5906.08	487.86	5926.19	175.28	1.99
186	17623.00	91.30	177.90	11554.55	6021.90	-6002.01	491.04	6022.06	175.32	0.59
187	17718.00	92.70	178.60	11551.23	6116.75	-6096.90	493.94	6116.88	175.37	1.65
188	17813.00	91.80	178.50	11547.50	6211.56	-6191.80	496.34	6211.66	175.42	0.95
189	17921.00	91.60	178.20	11544.30	6319.40	-6299.70	499.45	6319.47	175.47	0.33
PTB	17976.00	91.60	178.20	11542.76	6374.33	-6354.66	501.18	6374.39	175.49	0.00