

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

OCD - HOBBS
04/24/2020
RECEIVED

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date RT / 4/10/20
⁴ API Number 30-025-45906	⁵ Pool Name WC-025 G-08 S233528D; Lower BS	⁶ Pool Code 97958 KZ
⁷ Property Code 325487	⁸ Property Name Red Bull 29-20 Fed	⁹ Well Number 3H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	29	23S	35E		335	South	1370	East	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	23S	35E		39	North	2297	East	LEA
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date 4/10/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
16587	Oryx Gas Gathering Services, LLC 4000 N. Big Spring, Suite 210 Midland, TX 79705	Gas
371960	Lucid Energy Delaware, LLC 3100 McKinnon St., Ste. 800, Dallas, TX 75201	Gas

IV. Well Completion Data

²¹ Spud Date 12/2/19	²² Ready Date 4/10/20	²³ TD 21,939'	²⁴ PBTD 21,883'	²⁵ Perforations 11,800' - 21,825'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1430'	1135 sx CIA; Circ 579 sx		
12.25"	9.625"	5371'	2040 sx CIA; Circ 0 sx - BLM Notified		
8.75" & 8.5"	5.5"	21,933'	2505 sx cmt; Circ 274 sx		
	Tubing: 2-7/8"	11,352'			

V. Well Test Data

³¹ Date New Oil 4/10/20	³² Gas Delivery Date 4/10/20	³³ Test Date NA	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA psi	³⁶ Csg. Pressure NA psi
³⁷ Choke Size	³⁸ Oil NA bbl	³⁹ Water NA bbl	⁴⁰ Gas NA mcf		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Rebecca Deal</i>		OIL CONSERVATION DIVISION Approved by: <i>Patricia Martinez</i>	
Printed name: Rebecca Deal		Title:	
Title: Regulatory Analyst		Approval Date:	
E-mail Address: Rebecca.Deal@dvn.com			
Date: 4/8/2020	Phone: 405-228-8429		

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 RD., 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, New Mexico 87505

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

OCD - HOBBS
04/24/2020
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45906		Pool Code 97958	Pool Name WC-025 G-08 S233528D;LWR BONE SPRING Kz
Property Code 325487	Property Name RED BULL 29-20 FEDERAL		Well Number 3H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.		Elevation 3397.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	29	23-S	35-E		335	SOUTH	1370	EAST	LEA

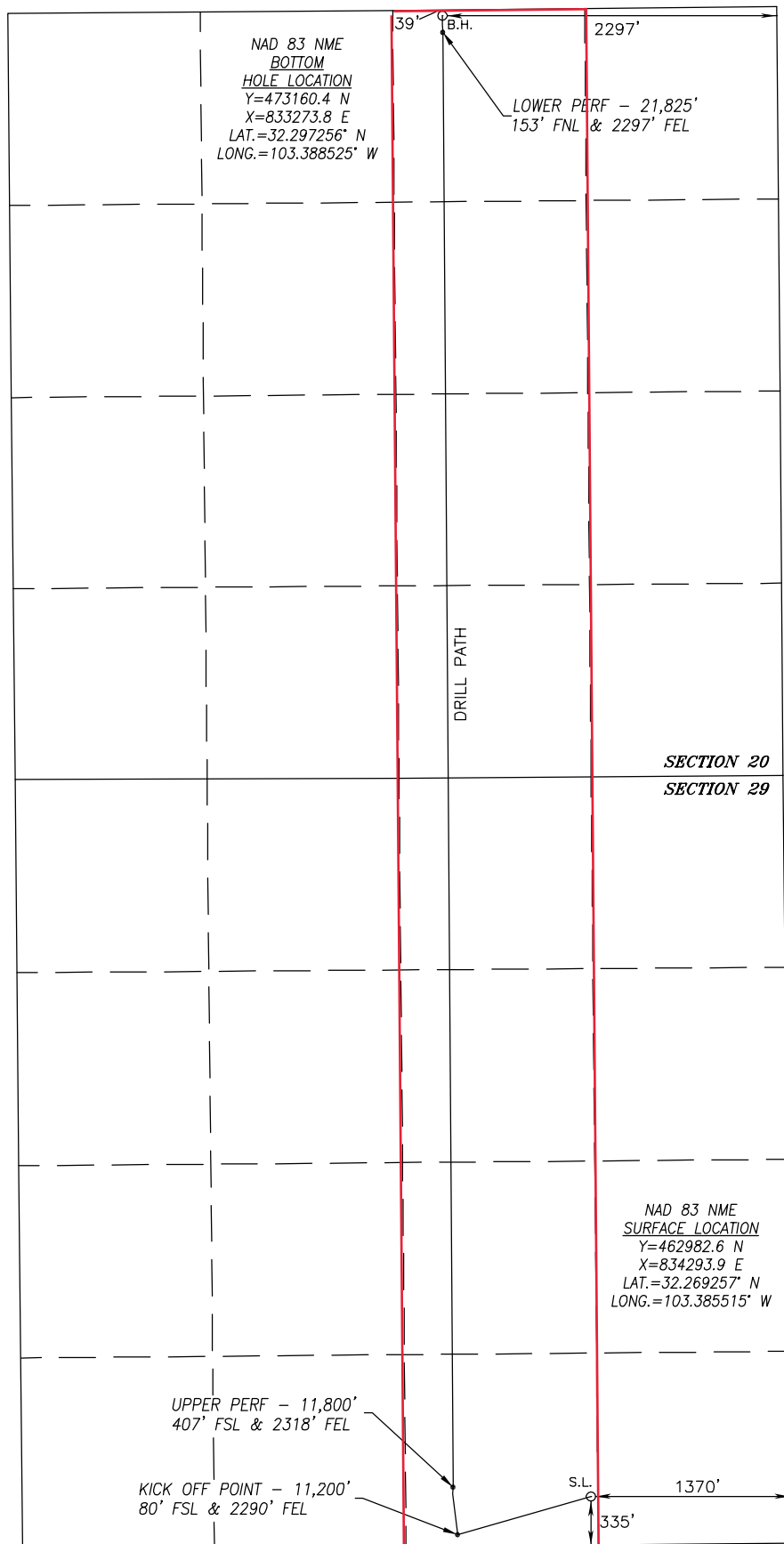
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	23-S	35-E		39	NORTH	2297	EAST	LEA
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

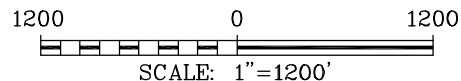
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 325487	Property Name RED BULL 29-20 FEDERAL	Well Number 3H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3397.6'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY DEVON ENERGY PRODUCTION CO., L.P. FOR THE RED BULL 29-20 FEDERAL #3H SUPPLIED TO HARCROW SURVEYING, LLC ON MARCH 30, 2020



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 4/9/2020
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

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.

AUG. 6, 2018/DEC. 20, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 4/1/20
Certificate No. CHAD HARCROW 17777

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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

Is this well an infill well? ☐

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



Final MWD Survey Certification

Lea County, New Mexico

Client: Devon Energy

Well Name: Red Bull 29-20 Federal 3H

Total Job No: 2019-795-103

API No: 30-025-45906

Start Date: 12/02/2019

End Date: 12/20/2019

Measured Start Depth: 0 feet

Measured End Depth with PTB: 21939 feet

I, Michael Smitham, 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: 12/22/2019

Signed: *Michael Smitham*

Red Bull 29-20 Federal 3H

Directional Survey Report

Start date: December 2 2019

End date: December 20 2019

Company: Devon Energy	State/Prov: NM	Survey Company: Total Directional Services LLC
Well Name: Red Bull 29-20 Federal 3H	County: Lea County	Job Number: 2019-795-103
Field: LEA	Country: USA	Proposed Azimuth: 359.48
Rig ID: Cactus 103	Declination: 6.61	Elevations KB: 3424.5
API: 30-025-45906	North Reference: Grid	DF: 27
Location: Red Bull 29-20 Federal	Latitude/Longitude: 32.26956 / -103.391275	GL: 3397.5

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
TieIn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	
1	180.00	0.30	304.20	180.00	0.26	-0.39	0.27	0.47	304.20	0.17	180.00
2	274.00	0.10	29.60	274.00	0.47	-0.55	0.48	0.73	310.64	0.33	94.00
3	369.00	0.10	113.90	369.00	0.51	-0.44	0.52	0.67	319.64	0.14	95.00
4	465.00	0.20	199.10	465.00	0.32	-0.41	0.32	0.52	307.75	0.22	96.00
5	560.00	0.30	211.10	560.00	-0.05	-0.60	-0.04	0.60	265.32	0.12	95.00
6	655.00	0.70	208.70	654.99	-0.77	-1.00	-0.76	1.27	232.49	0.42	95.00
7	750.00	1.40	221.60	749.98	-2.15	-2.05	-2.13	2.97	223.71	0.77	95.00
8	845.00	1.90	226.60	844.94	-4.10	-3.97	-4.06	5.70	224.08	0.55	95.00
9	941.00	2.50	226.40	940.87	-6.64	-6.64	-6.57	9.39	225.02	0.63	96.00
10	1,036.00	2.60	231.30	1,035.77	-9.41	-9.82	-9.32	13.60	226.23	0.25	95.00
11	1,131.00	2.50	224.60	1,130.68	-12.23	-12.96	-12.12	17.82	226.65	0.33	95.00
12	1,226.00	2.50	223.50	1,225.59	-15.21	-15.84	-15.07	21.96	226.16	0.05	95.00
13	1,322.00	2.50	228.20	1,321.50	-18.13	-18.84	-17.95	26.15	226.11	0.21	96.00
14	1,365.00	2.30	230.20	1,364.46	-19.30	-20.20	-19.12	27.94	226.31	0.50	43.00
15	1,512.00	2.40	230.50	1,511.34	-23.15	-24.85	-22.92	33.96	227.02	0.07	147.00
16	1,608.00	2.40	232.20	1,607.25	-25.66	-27.98	-25.40	37.97	227.48	0.07	96.00
17	1,702.00	2.30	233.70	1,701.17	-27.98	-31.06	-27.70	41.81	227.98	0.12	94.00
18	1,798.00	2.20	236.20	1,797.10	-30.15	-34.14	-29.84	45.55	228.56	0.15	96.00
19	1,893.00	1.90	236.30	1,892.04	-32.04	-36.97	-31.70	48.92	229.09	0.32	95.00
20	1,988.00	2.90	239.90	1,986.95	-34.12	-40.36	-33.75	52.85	229.79	1.06	95.00
21	2,083.00	5.00	252.40	2,081.72	-36.57	-46.38	-36.15	59.07	231.75	2.38	95.00
22	2,178.00	6.80	260.20	2,176.22	-38.78	-55.87	-38.27	68.01	235.24	2.07	95.00
23	2,273.00	7.20	261.90	2,270.51	-40.58	-67.31	-39.97	78.60	238.92	0.47	95.00
24	2,368.00	7.10	259.70	2,364.77	-42.47	-78.98	-41.75	89.67	241.73	0.31	95.00
25	2,463.00	6.90	259.40	2,459.06	-44.57	-90.37	-43.74	100.76	243.75	0.21	95.00
26	2,559.00	6.50	259.60	2,554.41	-46.61	-101.38	-45.69	111.58	245.31	0.42	96.00
27	2,654.00	7.40	254.20	2,648.71	-49.24	-112.55	-48.22	122.86	246.37	1.17	95.00
28	2,749.00	9.00	248.60	2,742.74	-53.62	-125.36	-52.48	136.35	246.84	1.88	95.00
29	2,844.00	9.40	247.10	2,836.51	-59.35	-139.43	-58.08	151.53	246.94	0.49	95.00
30	2,939.00	9.00	247.10	2,930.29	-65.26	-153.42	-63.87	166.72	246.96	0.42	95.00
31	3,035.00	8.40	247.20	3,025.19	-70.90	-166.80	-69.38	181.24	246.97	0.63	96.00
32	3,130.00	7.80	247.20	3,119.24	-76.09	-179.14	-74.46	194.63	246.99	0.63	95.00
33	3,225.00	8.30	252.90	3,213.30	-80.60	-191.63	-78.86	207.90	247.19	0.99	95.00
34	3,320.00	8.60	257.00	3,307.27	-84.22	-205.11	-82.35	221.73	247.68	0.71	95.00
35	3,416.00	8.70	258.80	3,402.18	-87.24	-219.23	-85.25	235.95	248.30	0.30	96.00
36	3,511.00	8.80	260.00	3,496.08	-89.90	-233.43	-87.78	250.14	248.94	0.22	95.00
37	3,606.00	6.90	253.30	3,590.18	-92.80	-246.05	-90.56	262.97	249.34	2.22	95.00
38	3,701.00	8.00	248.00	3,684.38	-96.92	-257.65	-94.58	275.27	249.39	1.36	95.00
39	3,796.00	10.60	251.30	3,778.13	-102.20	-272.06	-99.72	290.62	249.41	2.79	95.00
40	3,891.00	10.60	249.90	3,871.50	-108.00	-288.54	-105.38	308.09	249.48	0.27	95.00
41	3,986.00	9.70	248.40	3,965.02	-113.95	-304.19	-111.18	324.83	249.46	0.99	95.00
42	4,082.00	9.20	248.60	4,059.71	-119.73	-318.85	-116.83	340.59	249.42	0.52	96.00
43	4,177.00	8.90	248.70	4,153.53	-125.17	-332.77	-122.14	355.53	249.39	0.32	95.00
44	4,272.00	8.90	248.90	4,247.39	-130.48	-346.47	-127.33	370.23	249.36	0.03	95.00
45	4,367.00	8.40	245.70	4,341.31	-135.98	-359.65	-132.71	384.50	249.29	0.73	95.00
46	4,463.00	8.80	246.00	4,436.23	-141.86	-372.75	-138.47	398.83	249.16	0.42	96.00
47	4,558.00	9.10	245.60	4,530.07	-147.92	-386.23	-144.40	413.59	249.04	0.32	95.00
48	4,653.00	9.10	245.50	4,623.87	-154.13	-399.91	-150.50	428.58	248.92	0.02	95.00
49	4,748.00	9.00	246.20	4,717.69	-160.25	-413.54	-156.49	443.51	248.82	0.16	95.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
50	4,844.00	8.80	246.70	4,812.54	-166.18	-427.16	-162.30	458.35	248.74	0.22	96.00
51	4,939.00	8.80	247.50	4,906.42	-171.84	-440.55	-167.83	472.87	248.69	0.13	95.00
52	5,034.00	8.90	247.70	5,000.29	-177.41	-454.06	-173.28	487.49	248.66	0.11	95.00
53	5,129.00	9.00	247.60	5,094.13	-183.03	-467.73	-178.78	502.26	248.63	0.11	95.00
54	5,224.00	9.10	248.60	5,187.95	-188.60	-481.59	-184.22	517.21	248.61	0.20	95.00
55	5,325.00	9.00	249.30	5,287.69	-194.31	-496.42	-189.79	533.09	248.62	0.15	101.00
56	5,380.00	8.90	249.40	5,342.02	-197.32	-504.43	-192.74	541.65	248.64	0.18	55.00
57	5,475.00	9.40	253.20	5,435.81	-202.15	-518.73	-197.44	556.73	248.71	0.83	95.00
58	5,570.00	9.90	253.00	5,529.47	-206.78	-533.97	-201.93	572.61	248.83	0.53	95.00
59	5,666.00	9.20	256.40	5,624.14	-211.00	-549.32	-206.01	588.45	248.99	0.94	96.00
60	5,761.00	8.40	263.90	5,718.02	-213.52	-563.60	-208.40	602.69	249.25	1.47	95.00
61	5,856.00	8.40	272.40	5,812.01	-213.97	-577.44	-208.72	615.80	249.67	1.31	95.00
62	5,951.00	9.10	276.80	5,905.90	-212.79	-591.83	-207.41	628.92	250.22	1.02	95.00
63	6,047.00	8.60	276.30	6,000.76	-211.10	-606.50	-205.59	642.19	250.81	0.53	96.00
64	6,142.00	9.30	278.80	6,094.60	-209.15	-621.15	-203.50	655.41	251.39	0.84	95.00
65	6,237.00	10.90	282.60	6,188.13	-206.02	-637.50	-200.22	669.96	252.09	1.82	95.00
66	6,332.00	11.90	282.10	6,281.25	-202.00	-655.84	-196.04	686.25	252.88	1.06	95.00
67	6,427.00	11.90	280.30	6,374.21	-198.20	-675.06	-192.06	703.55	253.64	0.39	95.00
68	6,522.00	11.90	278.50	6,467.17	-195.00	-694.38	-188.69	721.24	254.31	0.39	95.00
69	6,618.00	12.00	276.80	6,561.09	-192.36	-714.08	-185.87	739.53	254.92	0.38	96.00
70	6,713.00	11.90	275.90	6,654.03	-190.18	-733.63	-183.51	757.88	255.47	0.22	95.00
71	6,808.00	11.90	270.30	6,746.99	-189.12	-753.17	-182.28	776.55	255.90	1.22	95.00
72	6,904.00	11.50	260.20	6,841.01	-190.70	-772.50	-183.68	795.69	256.13	2.17	96.00
73	6,999.00	11.50	255.30	6,934.10	-194.71	-790.99	-187.53	814.60	256.17	1.03	95.00
74	7,094.00	10.10	252.10	7,027.42	-199.68	-808.08	-192.33	832.38	256.12	1.60	95.00
75	7,189.00	9.40	249.30	7,121.05	-204.98	-823.26	-197.50	848.40	256.02	0.89	95.00
76	7,284.00	8.90	248.10	7,214.84	-210.46	-837.34	-202.85	863.38	255.89	0.56	95.00
77	7,379.00	8.70	246.40	7,308.72	-216.08	-850.74	-208.35	877.75	255.75	0.35	95.00
78	7,475.00	8.30	245.90	7,403.66	-221.82	-863.72	-213.97	891.75	255.60	0.42	96.00
79	7,570.00	7.60	245.30	7,497.75	-227.24	-875.68	-219.28	904.69	255.45	0.74	95.00
80	7,665.00	6.80	243.50	7,592.00	-232.38	-886.42	-224.32	916.38	255.31	0.87	95.00
81	7,760.00	5.70	239.40	7,686.43	-237.29	-895.52	-229.15	926.42	255.16	1.25	95.00
82	7,856.00	4.90	237.90	7,782.02	-241.89	-903.10	-233.69	934.93	255.01	0.85	96.00
83	7,951.00	4.20	236.90	7,876.72	-245.95	-909.45	-237.68	942.12	254.87	0.74	95.00
84	8,046.00	3.70	235.30	7,971.50	-249.59	-914.88	-241.28	948.32	254.74	0.54	95.00
85	8,141.00	3.20	232.40	8,066.32	-252.96	-919.50	-244.60	953.66	254.62	0.56	95.00
86	8,236.00	2.70	225.00	8,161.20	-256.16	-923.19	-247.77	958.06	254.49	0.66	95.00
87	8,331.00	2.50	216.50	8,256.10	-259.40	-926.00	-250.99	961.65	254.35	0.46	95.00
88	8,426.00	2.20	208.60	8,351.02	-262.67	-928.11	-254.24	964.56	254.20	0.46	95.00
89	8,522.00	2.00	201.90	8,446.96	-265.84	-929.61	-257.39	966.88	254.04	0.33	96.00
90	8,617.00	1.90	192.00	8,541.90	-268.92	-930.56	-260.46	968.64	253.88	0.37	95.00
91	8,712.00	1.70	190.40	8,636.86	-271.85	-931.14	-263.39	970.01	253.72	0.22	95.00
92	8,807.00	1.70	179.00	8,731.81	-274.64	-931.37	-266.18	971.02	253.57	0.36	95.00
93	8,902.00	1.50	164.50	8,826.78	-277.25	-931.01	-268.79	971.42	253.42	0.47	95.00
94	8,997.00	1.40	129.30	8,921.75	-279.18	-929.78	-270.73	970.79	253.29	0.93	95.00
95	9,092.00	1.50	110.30	9,016.72	-280.35	-927.72	-271.92	969.15	253.19	0.51	95.00
96	9,187.00	1.50	100.00	9,111.69	-281.00	-925.33	-272.59	967.05	253.11	0.28	95.00
97	9,283.00	1.40	77.00	9,207.66	-280.95	-922.95	-272.56	964.76	253.07	0.61	96.00
98	9,378.00	1.50	61.60	9,302.63	-280.10	-920.72	-271.73	962.39	253.08	0.42	95.00
99	9,473.00	1.70	46.80	9,397.59	-278.54	-918.60	-270.19	959.90	253.13	0.48	95.00
100	9,569.00	2.10	47.40	9,493.54	-276.38	-916.27	-268.05	957.04	253.21	0.42	96.00
101	9,664.00	1.30	46.50	9,588.49	-274.46	-914.21	-266.15	954.52	253.29	0.84	95.00
102	9,759.00	1.40	26.90	9,683.47	-272.68	-912.90	-264.38	952.75	253.37	0.49	95.00
103	9,854.00	2.40	12.80	9,778.42	-269.71	-911.93	-261.42	950.98	253.52	1.15	95.00
104	9,949.00	1.80	6.50	9,873.35	-266.28	-911.32	-258.00	949.43	253.71	0.68	95.00
105	10,045.00	1.70	345.50	9,969.31	-263.41	-911.51	-255.12	948.81	253.88	0.67	96.00
106	10,140.00	1.20	323.40	10,064.28	-261.24	-912.46	-252.95	949.12	254.02	0.78	95.00
107	10,235.00	1.20	323.20	10,159.26	-259.65	-913.64	-251.35	949.82	254.14	0.00	95.00
108	10,330.00	1.50	348.30	10,254.23	-257.63	-914.49	-249.32	950.09	254.27	0.69	95.00
109	10,426.00	0.40	104.40	10,350.22	-256.49	-914.42	-248.18	949.71	254.33	1.79	96.00
110	10,521.00	1.00	145.80	10,445.21	-257.26	-913.64	-248.95	949.16	254.27	0.79	95.00
111	10,616.00	0.90	238.10	10,540.20	-258.34	-913.80	-250.03	949.62	254.21	1.44	95.00
112	10,711.00	0.60	263.60	10,635.20	-258.79	-914.93	-250.47	950.83	254.21	0.47	95.00
113	10,807.00	0.10	13.40	10,731.20	-258.76	-915.41	-250.44	951.28	254.22	0.67	96.00
114	10,902.00	0.60	67.40	10,826.19	-258.49	-914.93	-250.17	950.75	254.22	0.58	95.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
115	10,997.00	0.40	168.30	10,921.19	-258.62	-914.41	-250.31	950.28	254.21	0.82	95.00
116	11,092.00	1.50	204.20	11,016.18	-260.08	-914.85	-251.77	951.10	254.13	1.26	95.00
117	11,140.00	1.80	201.50	11,064.16	-261.35	-915.38	-253.04	951.96	254.07	0.65	48.00
118	11,186.00	1.80	209.90	11,110.13	-262.65	-916.01	-254.33	952.92	254.00	0.57	46.00
119	11,281.00	8.20	24.90	11,204.87	-257.79	-913.89	-249.48	949.56	254.25	10.52	95.00
120	11,376.00	21.70	350.30	11,296.58	-234.19	-914.00	-225.88	943.53	255.63	16.45	95.00
121	11,472.00	34.50	343.90	11,381.11	-190.38	-924.58	-181.98	943.97	258.36	13.68	96.00
122	11,567.00	44.70	344.20	11,454.21	-132.23	-941.18	-123.68	950.42	262.00	10.74	95.00
123	11,662.00	55.10	355.70	11,515.44	-60.90	-953.25	-52.24	955.20	266.34	14.31	95.00
124	11,757.00	63.30	6.10	11,564.14	20.45	-951.66	29.09	951.88	271.23	12.75	95.00
125	11,852.00	70.40	2.90	11,601.47	107.47	-944.88	116.04	950.97	276.49	8.09	95.00
126	11,947.00	72.10	2.10	11,632.01	197.33	-940.96	205.87	961.43	281.84	1.96	95.00
127	12,043.00	81.20	0.90	11,654.15	290.61	-938.53	299.11	982.49	287.20	9.56	96.00
128	12,138.00	88.20	358.50	11,662.92	385.14	-939.04	393.64	1,014.95	292.30	7.79	95.00
129	12,233.00	89.10	359.10	11,665.16	480.09	-941.03	488.61	1,056.42	297.03	1.14	95.00
130	12,329.00	90.70	357.50	11,665.33	576.04	-943.87	584.58	1,105.77	301.40	2.36	96.00
131	12,424.00	90.50	0.80	11,664.33	671.01	-945.28	679.56	1,159.23	305.37	3.48	95.00
132	12,519.00	92.00	0.90	11,662.26	765.97	-943.87	774.51	1,215.57	309.06	1.58	95.00
133	12,614.00	89.60	2.40	11,660.94	860.92	-941.14	869.42	1,275.51	312.45	2.98	95.00
134	12,709.00	89.40	3.30	11,661.76	955.79	-936.42	964.25	1,338.06	315.59	0.97	95.00
135	12,805.00	90.50	1.90	11,661.85	1,051.69	-932.06	1,060.11	1,405.27	318.45	1.85	96.00
136	12,900.00	92.60	0.80	11,659.28	1,146.62	-929.82	1,155.01	1,476.25	320.96	2.50	95.00
137	12,995.00	87.80	0.80	11,658.95	1,241.58	-928.50	1,249.96	1,550.37	323.21	5.05	95.00
138	13,090.00	86.90	359.30	11,663.34	1,336.48	-928.41	1,344.85	1,627.31	325.21	1.84	95.00
139	13,185.00	90.00	358.10	11,665.91	1,431.41	-930.57	1,439.79	1,707.30	326.97	3.50	95.00
140	13,281.00	90.40	357.60	11,665.57	1,527.34	-934.17	1,535.75	1,790.37	328.55	0.67	96.00
141	13,376.00	90.80	358.10	11,664.58	1,622.27	-937.73	1,630.71	1,873.79	329.97	0.67	95.00
142	13,471.00	90.90	358.20	11,663.17	1,717.21	-940.80	1,725.67	1,958.04	331.28	0.15	95.00
143	13,566.00	90.50	358.20	11,662.01	1,812.15	-943.79	1,820.64	2,043.19	332.49	0.42	95.00
144	13,662.00	89.70	1.70	11,661.84	1,908.14	-943.87	1,916.62	2,128.82	333.68	3.74	96.00
145	13,757.00	89.60	2.10	11,662.42	2,003.08	-940.72	2,011.54	2,212.98	334.84	0.43	95.00
146	13,852.00	90.00	2.20	11,662.75	2,098.01	-937.16	2,106.43	2,297.81	335.93	0.43	95.00
147	13,947.00	90.30	2.20	11,662.51	2,192.94	-933.51	2,201.33	2,383.37	336.94	0.32	95.00
148	14,043.00	87.00	2.00	11,664.77	2,288.84	-929.99	2,297.18	2,470.56	337.89	3.44	96.00
149	14,138.00	86.30	1.10	11,670.32	2,383.64	-927.43	2,391.96	2,557.71	338.74	1.20	95.00
150	14,233.00	88.90	358.90	11,674.30	2,478.54	-927.43	2,486.86	2,646.37	339.49	3.58	95.00
151	14,328.00	91.70	357.90	11,673.80	2,573.49	-930.08	2,581.83	2,736.41	340.13	3.13	95.00
152	14,424.00	93.70	356.90	11,669.28	2,669.28	-934.43	2,677.65	2,828.11	340.71	2.33	96.00
153	14,519.00	92.50	359.70	11,664.14	2,764.09	-937.24	2,772.48	2,918.67	341.27	3.20	95.00
154	14,614.00	92.80	0.10	11,659.75	2,858.99	-937.41	2,867.38	3,008.75	341.85	0.53	95.00
155	14,710.00	91.30	359.70	11,656.31	2,954.92	-937.58	2,963.31	3,100.10	342.40	1.62	96.00
156	14,805.00	91.30	0.10	11,654.16	3,049.90	-937.74	3,058.28	3,190.81	342.91	0.42	95.00
157	14,900.00	89.80	0.20	11,653.25	3,144.89	-937.49	3,153.27	3,281.65	343.40	1.58	95.00
158	14,995.00	89.90	0.40	11,653.49	3,239.89	-936.99	3,248.26	3,372.66	343.87	0.24	95.00
159	15,090.00	90.10	0.30	11,653.49	3,334.89	-936.41	3,343.25	3,463.86	344.32	0.24	95.00
160	15,186.00	90.90	0.80	11,652.66	3,430.88	-935.49	3,439.23	3,556.13	344.75	0.98	96.00
161	15,281.00	87.60	359.90	11,653.90	3,525.86	-934.91	3,534.19	3,647.70	345.15	3.60	95.00
162	15,376.00	87.80	359.80	11,657.71	3,620.78	-935.16	3,629.12	3,739.59	345.52	0.24	95.00
163	15,472.00	90.40	0.10	11,659.22	3,716.76	-935.24	3,725.09	3,832.62	345.88	2.73	96.00
164	15,567.00	91.10	0.10	11,657.98	3,811.75	-935.08	3,820.08	3,924.77	346.22	0.74	95.00
165	15,662.00	91.20	359.50	11,656.07	3,906.73	-935.41	3,915.06	4,017.15	346.53	0.64	95.00
166	15,757.00	91.00	359.90	11,654.25	4,001.71	-935.91	4,010.04	4,109.70	346.84	0.47	95.00
167	15,852.00	91.20	0.10	11,652.42	4,096.69	-935.91	4,105.02	4,202.24	347.13	0.30	95.00
168	15,948.00	90.20	0.10	11,651.25	4,192.68	-935.74	4,201.00	4,295.84	347.42	1.04	96.00
169	16,043.00	90.40	359.80	11,650.75	4,287.68	-935.82	4,296.00	4,388.62	347.69	0.38	95.00
170	16,138.00	88.70	0.20	11,651.50	4,382.68	-935.82	4,390.99	4,481.47	347.95	1.84	95.00
171	16,233.00	90.00	1.00	11,652.58	4,477.66	-934.83	4,485.96	4,574.21	348.21	1.61	95.00
172	16,328.00	88.90	0.50	11,653.49	4,572.65	-933.58	4,580.93	4,666.98	348.46	1.27	95.00
173	16,424.00	90.50	0.60	11,653.99	4,668.64	-932.66	4,676.91	4,760.89	348.70	1.67	96.00
174	16,519.00	89.00	359.00	11,654.40	4,763.63	-932.99	4,771.90	4,854.14	348.92	2.31	95.00
175	16,614.00	89.50	359.30	11,655.65	4,858.61	-934.40	4,866.89	4,947.65	349.11	0.61	95.00
176	16,709.00	88.50	358.50	11,657.31	4,953.58	-936.23	4,961.87	5,041.28	349.30	1.35	95.00
177	16,805.00	89.20	358.40	11,659.23	5,049.52	-938.82	5,057.84	5,136.06	349.47	0.74	96.00
178	16,900.00	92.00	358.50	11,658.24	5,144.47	-941.39	5,152.81	5,229.90	349.63	2.95	95.00
179	16,995.00	93.40	358.70	11,653.76	5,239.34	-943.71	5,247.69	5,323.65	349.79	1.49	95.00

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	CD	CA	DLS	CL
180	17,090.00	94.00	358.60	11,647.63	5,334.11	-945.94	5,342.48	5,417.34	349.94	0.64	95.00
181	17,185.00	92.10	358.30	11,642.58	5,428.94	-948.51	5,437.32	5,511.18	350.09	2.02	95.00
182	17,281.00	92.50	357.90	11,638.73	5,524.81	-951.69	5,533.22	5,606.18	350.23	0.59	96.00
183	17,376.00	93.40	358.40	11,633.84	5,619.63	-954.75	5,628.07	5,700.16	350.36	1.08	95.00
184	17,471.00	92.00	359.30	11,629.36	5,714.50	-956.66	5,722.95	5,794.03	350.50	1.75	95.00
185	17,566.00	92.00	359.90	11,626.05	5,809.44	-957.32	5,817.89	5,887.79	350.64	0.63	95.00
186	17,662.00	92.60	0.10	11,622.19	5,905.37	-957.32	5,913.81	5,982.46	350.79	0.66	96.00
187	17,757.00	91.70	359.30	11,618.63	6,000.30	-957.82	6,008.74	6,076.26	350.93	1.27	95.00
188	17,852.00	92.40	359.40	11,615.23	6,095.23	-958.90	6,103.68	6,170.19	351.06	0.74	95.00
189	17,947.00	90.20	359.80	11,613.08	6,190.20	-959.56	6,198.65	6,264.13	351.19	2.35	95.00
190	18,042.00	89.90	0.20	11,612.99	6,285.20	-959.56	6,293.64	6,358.02	351.32	0.53	95.00
191	18,138.00	90.70	0.30	11,612.49	6,381.19	-959.14	6,389.63	6,452.87	351.45	0.84	96.00
192	18,233.00	90.80	359.90	11,611.25	6,476.18	-958.97	6,484.62	6,546.80	351.58	0.43	95.00
193	18,328.00	92.90	358.40	11,608.18	6,571.12	-960.38	6,579.56	6,640.93	351.68	2.72	95.00
194	18,423.00	94.60	358.50	11,601.97	6,665.87	-962.95	6,674.34	6,735.07	351.78	1.79	95.00
195	18,518.00	94.10	358.20	11,594.76	6,760.56	-965.67	6,769.05	6,829.18	351.87	0.61	95.00
196	18,614.00	92.10	359.20	11,589.57	6,856.39	-967.85	6,864.89	6,924.36	351.97	2.33	96.00
197	18,709.00	92.20	358.80	11,586.01	6,951.31	-969.50	6,959.82	7,018.59	352.06	0.43	95.00
198	18,804.00	92.30	357.90	11,582.28	7,046.19	-972.24	7,054.73	7,112.95	352.14	0.95	95.00
199	18,899.00	92.80	356.80	11,578.05	7,141.00	-976.62	7,149.57	7,207.47	352.21	1.27	95.00
200	18,995.00	92.90	356.60	11,573.28	7,236.72	-982.14	7,245.33	7,303.06	352.27	0.23	96.00
201	19,030.00	93.40	355.90	11,571.35	7,271.59	-984.43	7,280.23	7,337.92	352.29	2.46	35.00
202	19,125.00	92.80	357.90	11,566.21	7,366.31	-989.56	7,374.99	7,432.48	352.35	2.19	95.00
203	19,220.00	92.70	358.00	11,561.66	7,461.14	-992.95	7,469.84	7,526.92	352.42	0.15	95.00
204	19,315.00	92.20	357.10	11,557.60	7,555.96	-997.01	7,564.70	7,621.46	352.48	1.08	95.00
205	19,410.00	92.00	356.60	11,554.11	7,650.76	-1,002.23	7,659.54	7,716.12	352.54	0.57	95.00
206	19,506.00	93.20	356.00	11,549.76	7,746.45	-1,008.42	7,755.29	7,811.82	352.58	1.40	96.00
207	19,601.00	91.00	357.10	11,546.28	7,841.21	-1,014.13	7,850.09	7,906.52	352.63	2.59	95.00
208	19,696.00	87.70	358.80	11,547.36	7,936.13	-1,017.53	7,945.04	8,001.09	352.69	3.91	95.00
209	19,791.00	89.40	359.10	11,549.76	8,031.08	-1,019.27	8,040.00	8,095.50	352.77	1.82	95.00
210	19,886.00	92.00	359.20	11,548.60	8,126.05	-1,020.67	8,134.98	8,189.90	352.84	2.74	95.00
211	19,981.00	92.20	358.90	11,545.12	8,220.98	-1,022.25	8,229.91	8,284.29	352.91	0.38	95.00
212	20,076.00	91.50	358.50	11,542.05	8,315.90	-1,024.40	8,324.86	8,378.76	352.98	0.85	95.00
213	20,171.00	92.90	359.50	11,538.40	8,410.81	-1,026.06	8,419.78	8,473.17	353.04	1.81	95.00
214	20,266.00	93.00	359.60	11,533.52	8,505.68	-1,026.81	8,514.65	8,567.44	353.12	0.15	95.00
215	20,361.00	93.00	359.90	11,528.54	8,600.55	-1,027.22	8,609.52	8,661.68	353.19	0.32	95.00
216	20,456.00	93.90	0.20	11,522.83	8,695.38	-1,027.14	8,704.34	8,755.83	353.26	1.00	95.00
217	20,552.00	92.50	1.10	11,517.47	8,791.22	-1,026.05	8,800.17	8,850.89	353.34	1.73	96.00
218	20,647.00	91.30	0.10	11,514.32	8,886.16	-1,025.05	8,895.10	8,945.09	353.42	1.64	95.00
219	20,742.00	93.20	359.80	11,510.59	8,981.08	-1,025.14	8,990.02	9,039.40	353.49	2.02	95.00
220	20,838.00	92.00	359.60	11,506.23	9,076.98	-1,025.64	9,085.91	9,134.74	353.55	1.27	96.00
221	20,933.00	88.80	0.90	11,505.57	9,171.96	-1,025.22	9,180.89	9,229.08	353.62	3.64	95.00
222	21,028.00	88.50	1.30	11,507.81	9,266.92	-1,023.40	9,275.82	9,323.26	353.70	0.53	95.00
223	21,123.00	88.50	0.80	11,510.30	9,361.87	-1,021.66	9,370.76	9,417.45	353.77	0.53	95.00
224	21,218.00	88.40	0.10	11,512.87	9,456.83	-1,020.92	9,465.71	9,511.78	353.84	0.74	95.00
225	21,313.00	89.80	0.10	11,514.36	9,551.82	-1,020.75	9,560.69	9,606.20	353.90	1.47	95.00
226	21,409.00	90.00	359.80	11,514.53	9,647.82	-1,020.83	9,656.68	9,701.67	353.96	0.38	96.00
227	21,504.00	90.90	0.00	11,513.78	9,742.81	-1,021.00	9,751.68	9,796.16	354.02	0.97	95.00
228	21,599.00	89.70	0.90	11,513.28	9,837.81	-1,020.25	9,846.66	9,890.57	354.08	1.58	95.00
229	21,694.00	89.30	0.40	11,514.11	9,932.80	-1,019.18	9,941.64	9,984.95	354.14	0.67	95.00
230	21,789.00	89.50	360.00	11,515.11	10,027.79	-1,018.84	10,036.62	10,079.41	354.20	0.47	95.00
231	21,878.00	89.90	359.30	11,515.57	10,116.79	-1,019.39	10,125.62	10,168.01	354.25	0.91	89.00
PTB	21,939.00	89.90	359.30	11,515.68	10,177.78	-1,020.13	10,186.62	10,228.78	354.28	0.00	61.00