

DISTRICT I
1625 N. FRENCH DR., HOBBBS, 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) 748-8720

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45638	Pool Code 98135	Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP
Property Code	Property Name BELL LAKE 19-18 STATE COM	Well Number 30H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3549.0'

Surface Location

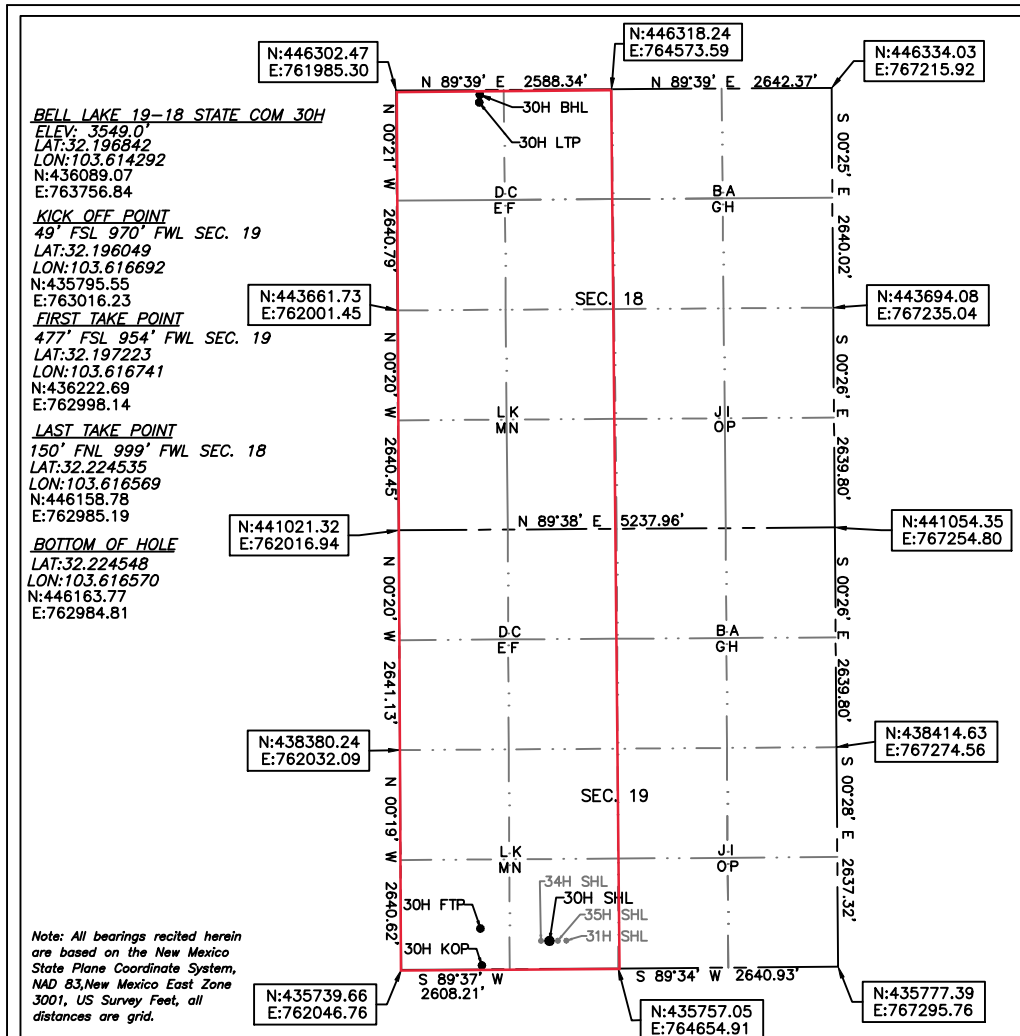
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	19	24-S	33-E		338	SOUTH	1712	WEST	LEA

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
D	18	24-S	33-E		145	NORTH	999	WEST	LEA

Dedicated Acres 629.6	Joint or Infill	Consolidation Code	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



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 7/14/2020
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.

7/2020

Date of Survey

Signature & Seal of Professional Surveyor



07/13/20

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☐ As Drilled ☒

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: BELL LAKE 19-18 STATE COM	Well Number 30H
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Kick Off Point (KOP)

UL M	Section 19	Township 24-S	Range 33-E	Lot	Feet 49	From N/S SOUTH	Feet 970	From E/W WEST	County LEA
Latitude 32.196049					Longitude 103.616692				NAD 83

First Take Point (FTP)

UL M	Section 19	Township 24-S	Range 33-E	Lot	Feet 477	From N/S SOUTH	Feet 954	From E/W WEST	County LEA
Latitude 32.197223					Longitude 103.616741				NAD 83

Last Take Point (LTP)

UL D	Section 18	Township 24-S	Range 33-E	Lot	Feet 150	From N/S NORTH	Feet 999	From E/W WEST	County LEA
Latitude 32.224535					Longitude 103.616569				NAD 83

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
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Final MWD Survey Certification

County, State: Lea County, New Mexico

Client: Devon Energy

Well Name: Bell Lake 19-18 State Com #30H

API No: 30-025-45638

Start Date: 10/12/2019

End Date: 11/06/2019

Measure Start Depth: 176.00'

Measured End Depth: 22807.00'

Vertical Section from SHL to TD: 355.62° Azm

I, Robert D. Wafer, Directional Well Planner, hereby certify that; I am employed by Newsco International Energy Services, Inc. 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 Newsco International Energy Services, Inc. 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 Newsco International Energy Services, Inc.

Date: 10/23/2020

Sign: *Robert D. Wafer*



Devon Energy

**Lea County, NM (N83-NME)
Bell Lake 19-18 State Com Pad
Bell Lake 19-18 State Com 30H**

Wellbore #1

Survey: Survey #1

Standard Survey Report

23 October, 2020



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bell Lake 19-18 State Com 30H
Project:	Lea County, NM (N83-NME)	TVD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Site:	Bell Lake 19-18 State Com Pad	MD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Well:	Bell Lake 19-18 State Com 30H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Project	Lea County, NM (N83-NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Bell Lake 19-18 State Com Pad			
Site Position:		Northing:	436,089.47 usft	Latitude:	32° 11' 48.630 N
From:	Map	Easting:	763,816.84 usft	Longitude:	103° 36' 50.752 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.38 °

Well	Bell Lake 19-18 State Com 30H					
Well Position	+N/-S	0.00 usft	Northing:	436,089.07 usft	Latitude:	32° 11' 48.630 N
	+E/-W	0.00 usft	Easting:	763,756.84 usft	Longitude:	103° 36' 51.450 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,549.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	07/23/19	6.74	60.00	47,700.89

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	355.62	

Survey Program	Date	10/23/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
176.00	22,862.00	Survey #1 (Wellbore #1)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
176.00	0.70	305.10	176.00	0.62	-0.88	0.68	0.40	0.40	0.00	
302.00	0.70	304.92	301.99	1.50	-2.14	1.66	0.00	0.00	-0.14	
397.00	1.05	320.31	396.98	2.50	-3.17	2.74	0.44	0.37	16.20	
492.00	0.79	326.90	491.96	3.72	-4.09	4.02	0.30	-0.27	6.94	
586.00	0.57	290.33	585.96	4.43	-4.88	4.79	0.51	-0.23	-38.90	
680.00	1.01	297.28	679.95	4.97	-6.05	5.42	0.48	0.47	7.39	
775.00	0.66	306.24	774.94	5.68	-7.24	6.21	0.39	-0.37	9.43	
869.00	1.05	291.57	868.93	6.31	-8.48	6.94	0.47	0.41	-15.61	
964.00	0.92	262.03	963.91	6.53	-10.04	7.27	0.54	-0.14	-31.09	

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Well:	Bell Lake 19-18 State Com 30H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,058.00	0.75	258.52	1,057.90	6.30	-11.39	7.15	0.19	-0.18	-3.73
1,163.00	1.05	260.63	1,162.89	6.01	-13.01	6.98	0.29	0.29	2.01
1,278.00	0.35	256.06	1,277.88	5.75	-14.39	6.83	0.61	-0.61	-3.97
1,373.00	0.35	248.50	1,372.88	5.57	-14.95	6.70	0.05	0.00	-7.96
1,467.00	0.48	248.59	1,466.88	5.33	-15.58	6.50	0.14	0.14	0.10
1,562.00	0.26	234.88	1,561.87	5.06	-16.13	6.27	0.25	-0.23	-14.43
1,657.00	0.40	213.34	1,656.87	4.66	-16.48	5.90	0.19	0.15	-22.67
1,751.00	0.26	256.06	1,750.87	4.33	-16.87	5.60	0.29	-0.15	45.45
1,845.00	0.22	271.88	1,844.87	4.28	-17.26	5.59	0.08	-0.04	16.83
1,940.00	0.44	257.64	1,939.87	4.21	-17.80	5.56	0.25	0.23	-14.99
2,034.00	0.40	232.41	2,033.87	3.93	-18.41	5.33	0.20	-0.04	-26.84
2,129.00	0.35	229.78	2,128.86	3.55	-18.89	4.98	0.06	-0.05	-2.77
2,223.00	0.40	236.63	2,222.86	3.18	-19.39	4.65	0.07	0.05	7.29
2,318.00	0.48	225.12	2,317.86	2.72	-19.95	4.23	0.13	0.08	-12.12
2,412.00	0.48	246.04	2,411.86	2.28	-20.59	3.84	0.19	0.00	22.26
2,507.00	0.53	242.79	2,506.85	1.92	-21.34	3.54	0.06	0.05	-3.42
2,602.00	0.53	246.65	2,601.85	1.54	-22.13	3.23	0.04	0.00	4.06
2,696.00	1.89	237.25	2,695.83	0.53	-23.84	2.35	1.46	1.45	-10.00
2,791.00	3.12	237.34	2,790.73	-1.71	-27.33	0.38	1.29	1.29	0.09
2,886.00	4.35	248.50	2,885.53	-4.43	-32.86	-1.91	1.50	1.29	11.75
2,981.00	5.67	248.94	2,980.17	-7.44	-40.59	-4.32	1.39	1.39	0.46
3,076.00	7.16	247.97	3,074.57	-11.34	-50.46	-7.46	1.57	1.57	-1.02
3,172.00	8.18	253.51	3,169.71	-15.53	-62.56	-10.71	1.31	1.06	5.77
3,268.00	9.32	255.62	3,264.59	-19.39	-76.63	-13.49	1.23	1.19	2.20
3,363.00	9.14	255.79	3,358.36	-23.16	-91.40	-16.11	0.19	-0.19	0.18
3,459.00	8.84	256.76	3,453.18	-26.72	-105.97	-18.55	0.35	-0.31	1.01
3,554.00	9.89	254.39	3,546.91	-30.59	-120.94	-21.27	1.18	1.11	-2.49
3,650.00	9.71	254.04	3,641.51	-35.03	-136.66	-24.50	0.20	-0.19	-0.36
3,745.00	9.23	254.65	3,735.22	-39.25	-151.71	-27.56	0.52	-0.51	0.64
3,841.00	9.85	251.66	3,829.89	-43.87	-166.93	-31.00	0.83	0.65	-3.11
3,936.00	9.76	250.61	3,923.50	-49.10	-182.24	-35.05	0.21	-0.09	-1.11
4,032.00	9.36	250.43	4,018.17	-54.42	-197.27	-39.20	0.42	-0.42	-0.19
4,127.00	9.01	250.96	4,111.95	-59.43	-211.58	-43.11	0.38	-0.37	0.56
4,223.00	10.07	250.61	4,206.62	-64.67	-226.60	-47.19	1.11	1.10	-0.36
4,318.00	9.49	249.47	4,300.24	-70.18	-241.77	-51.52	0.64	-0.61	-1.20
4,414.00	8.53	243.66	4,395.06	-76.11	-255.56	-56.38	1.38	-1.00	-6.05
4,510.00	9.05	241.99	4,489.93	-82.82	-268.61	-62.07	0.60	0.54	-1.74
4,605.00	10.73	244.19	4,583.52	-90.18	-283.17	-68.30	1.81	1.77	2.32
4,701.00	10.68	239.97	4,677.85	-98.52	-298.92	-75.42	0.82	-0.05	-4.40
4,797.00	9.89	235.49	4,772.30	-107.64	-313.41	-83.41	1.17	-0.82	-4.67
4,892.00	9.58	239.62	4,865.94	-116.26	-326.95	-90.97	0.80	-0.33	4.35
4,988.00	10.42	248.94	4,960.48	-123.42	-341.95	-96.96	1.90	0.88	9.71
5,083.00	10.73	252.37	5,053.87	-129.19	-358.39	-101.46	0.74	0.33	3.61
5,179.00	11.12	254.74	5,148.13	-134.33	-375.84	-105.25	0.62	0.41	2.47

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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,274.00	11.12	254.30	5,241.35	-139.22	-393.50	-108.78	0.09	0.00	-0.46
5,370.00	10.95	253.42	5,335.57	-144.33	-411.15	-112.53	0.25	-0.18	-0.92
5,465.00	10.77	252.98	5,428.87	-149.50	-428.29	-116.38	0.21	-0.19	-0.46
5,561.00	10.68	252.37	5,523.20	-154.82	-445.34	-120.38	0.15	-0.09	-0.64
5,656.00	10.77	252.10	5,616.54	-160.21	-462.18	-124.47	0.11	0.09	-0.28
5,752.00	10.95	251.75	5,710.82	-165.83	-479.37	-128.76	0.20	0.19	-0.36
5,847.00	10.64	251.49	5,804.14	-171.44	-496.26	-133.06	0.33	-0.33	-0.27
5,943.00	10.02	251.14	5,898.58	-176.95	-512.56	-137.32	0.65	-0.65	-0.36
6,039.00	9.85	250.70	5,993.14	-182.36	-528.22	-141.52	0.19	-0.18	-0.46
6,134.00	9.71	250.96	6,086.76	-187.66	-543.46	-145.64	0.15	-0.15	0.27
6,229.00	9.32	250.43	6,180.45	-192.85	-558.28	-149.68	0.42	-0.41	-0.56
6,324.00	9.32	249.82	6,274.20	-198.08	-572.75	-153.79	0.10	0.00	-0.64
6,419.00	9.54	250.34	6,367.91	-203.39	-587.38	-157.96	0.25	0.23	0.55
6,514.00	9.76	250.43	6,461.57	-208.73	-602.38	-162.15	0.23	0.23	0.09
6,608.00	9.63	250.52	6,554.23	-214.02	-617.30	-166.29	0.14	-0.14	0.10
6,703.00	8.66	248.59	6,648.02	-219.28	-631.45	-170.45	1.07	-1.02	-2.03
6,798.00	8.13	248.67	6,742.00	-224.34	-644.37	-174.51	0.56	-0.56	0.08
6,892.00	7.82	248.67	6,835.09	-229.08	-656.52	-178.31	0.33	-0.33	0.00
6,987.00	7.47	248.41	6,929.25	-233.70	-668.28	-182.02	0.37	-0.37	-0.27
7,081.00	7.34	247.36	7,022.46	-238.26	-679.50	-185.71	0.20	-0.14	-1.12
7,176.00	7.16	246.74	7,116.70	-242.94	-690.54	-189.53	0.21	-0.19	-0.65
7,270.00	6.55	245.69	7,210.03	-247.46	-700.81	-193.25	0.66	-0.65	-1.12
7,365.00	5.63	240.24	7,304.49	-252.00	-709.79	-197.10	1.14	-0.97	-5.74
7,460.00	5.32	232.15	7,399.06	-257.02	-717.32	-201.52	0.87	-0.33	-8.52
7,554.00	5.01	228.72	7,492.68	-262.40	-723.84	-206.39	0.47	-0.33	-3.65
7,648.00	2.11	244.02	7,586.49	-265.87	-728.48	-209.49	3.22	-3.09	16.28
7,742.00	1.54	240.76	7,680.44	-267.24	-731.14	-210.66	0.62	-0.61	-3.47
7,837.00	1.36	238.13	7,775.41	-268.46	-733.21	-211.72	0.20	-0.19	-2.77
7,933.00	1.19	234.08	7,871.39	-269.65	-734.99	-212.77	0.20	-0.18	-4.22
8,028.00	1.14	227.32	7,966.37	-270.87	-736.48	-213.87	0.15	-0.05	-7.12
8,124.00	1.10	230.66	8,062.35	-272.10	-737.90	-214.99	0.08	-0.04	3.48
8,219.00	0.70	147.42	8,157.34	-273.16	-738.29	-216.02	1.30	-0.42	-87.62
8,315.00	0.66	150.94	8,253.34	-274.14	-737.71	-217.04	0.06	-0.04	3.67
8,410.00	0.66	156.65	8,348.33	-275.12	-737.22	-218.06	0.07	0.00	6.01
8,506.00	0.70	156.65	8,444.32	-276.17	-736.77	-219.13	0.04	0.04	0.00
8,601.00	0.75	170.54	8,539.31	-277.31	-736.44	-220.30	0.19	0.05	14.62
8,697.00	0.62	176.52	8,635.31	-278.45	-736.30	-221.45	0.15	-0.14	6.23
8,792.00	0.66	180.03	8,730.30	-279.51	-736.27	-222.51	0.06	0.04	3.69
8,888.00	0.57	193.57	8,826.30	-280.53	-736.39	-223.51	0.18	-0.09	14.10
8,984.00	0.79	206.66	8,922.29	-281.59	-736.79	-224.53	0.28	0.23	13.64
9,079.00	0.44	121.23	9,017.29	-282.36	-736.78	-225.31	0.92	-0.37	-89.93
9,175.00	0.35	145.67	9,113.28	-282.79	-736.30	-225.78	0.20	-0.09	25.46
9,270.00	0.40	255.44	9,208.28	-283.12	-736.45	-226.09	0.65	0.05	115.55

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Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,366.00	0.79	261.15	9,304.28	-283.30	-737.43	-226.20	0.41	0.41	5.95
9,462.00	0.88	264.14	9,400.27	-283.48	-738.82	-226.27	0.10	0.09	3.11
9,557.00	1.32	267.48	9,495.25	-283.60	-740.64	-226.25	0.47	0.46	3.52
9,653.00	1.23	269.24	9,591.23	-283.66	-742.77	-226.15	0.10	-0.09	1.83
9,748.00	0.44	290.60	9,686.21	-283.55	-744.13	-225.93	0.88	-0.83	22.48
9,844.00	0.75	334.02	9,782.21	-282.85	-744.75	-225.19	0.55	0.32	45.23
9,939.00	0.88	19.90	9,877.20	-281.61	-744.78	-223.95	0.68	0.14	48.29
10,035.00	0.53	339.20	9,973.19	-280.50	-744.68	-222.85	0.61	-0.36	-42.40
10,131.00	0.97	275.74	10,069.19	-280.01	-745.65	-222.28	0.91	0.46	-66.10
10,226.00	1.10	257.29	10,164.17	-280.13	-747.34	-222.27	0.37	0.14	-19.42
10,322.00	1.27	251.31	10,260.15	-280.67	-749.25	-222.67	0.22	0.18	-6.23
10,417.00	1.19	254.39	10,355.13	-281.27	-751.19	-223.12	0.11	-0.08	3.24
10,513.00	1.32	249.11	10,451.11	-281.93	-753.19	-223.63	0.18	0.14	-5.50
10,608.00	0.84	206.84	10,546.09	-282.95	-754.52	-224.54	0.95	-0.51	-44.49
10,704.00	0.97	100.75	10,642.08	-283.73	-754.04	-225.35	1.51	0.14	-110.51
10,799.00	2.02	61.12	10,737.05	-283.07	-751.79	-224.87	1.49	1.11	-41.72
10,895.00	1.93	54.35	10,833.00	-281.31	-748.99	-223.33	0.26	-0.09	-7.05
10,990.00	1.80	57.42	10,927.95	-279.57	-746.44	-221.79	0.17	-0.14	3.23
11,086.00	1.63	60.68	11,023.90	-278.09	-743.97	-220.50	0.20	-0.18	3.40
11,181.00	1.93	76.50	11,118.86	-277.06	-741.24	-219.68	0.60	0.32	16.65
11,277.00	2.20	91.26	11,214.80	-276.72	-737.83	-219.60	0.62	0.28	15.38
11,373.00	1.76	109.10	11,310.74	-277.24	-734.59	-220.37	0.78	-0.46	18.58
11,468.00	1.05	151.91	11,405.71	-278.49	-732.80	-221.75	1.28	-0.75	45.06
11,564.00	1.54	187.06	11,501.69	-280.54	-732.55	-223.82	0.95	0.51	36.61
11,660.00	1.93	203.85	11,597.64	-283.30	-733.36	-226.51	0.66	0.41	17.49
11,755.00	2.07	219.85	11,692.59	-286.08	-735.11	-229.15	0.60	0.15	16.84
11,851.00	2.15	213.34	11,788.52	-288.92	-737.21	-231.81	0.26	0.08	-6.78
11,935.00	2.33	214.31	11,872.46	-291.64	-739.03	-234.39	0.22	0.21	1.15
12,053.00	2.46	225.47	11,990.36	-295.40	-742.19	-237.90	0.41	0.11	9.46
12,148.00	5.45	8.47	12,085.24	-292.37	-742.98	-234.81	7.96	3.15	150.53
12,244.00	19.70	355.73	12,178.70	-271.61	-743.52	-214.07	15.03	14.84	-13.27
12,339.00	29.19	354.32	12,265.09	-232.50	-747.01	-174.81	10.01	9.99	-1.48
12,435.00	38.51	355.11	12,344.73	-179.31	-751.89	-121.40	9.72	9.71	0.82
12,467.00	43.53	354.58	12,368.87	-158.40	-753.78	-100.41	15.72	15.69	-1.66
12,498.00	46.96	354.49	12,390.69	-136.49	-755.87	-78.40	11.07	11.06	-0.29
12,530.00	50.47	356.08	12,411.80	-112.53	-757.84	-54.36	11.59	10.97	4.97
12,578.00	58.04	357.57	12,439.82	-73.66	-759.97	-15.45	15.97	15.77	3.10
12,626.00	65.51	357.92	12,462.51	-31.43	-761.63	26.79	15.58	15.56	0.73
12,721.00	71.31	2.32	12,497.46	56.84	-761.38	114.78	7.47	6.11	4.63
12,816.00	85.56	1.70	12,516.46	149.61	-758.14	207.04	15.01	15.00	-0.65
12,912.00	91.10	1.61	12,519.26	245.50	-755.37	302.43	5.77	5.77	-0.09
13,007.00	90.57	1.79	12,517.87	340.44	-752.55	396.88	0.59	-0.56	0.19
13,102.00	88.99	1.09	12,518.24	435.41	-750.16	491.39	1.82	-1.66	-0.74

Company:	Devon Energy	Local Co-ordinate Reference:	Well Bell Lake 19-18 State Com 30H
Project:	Lea County, NM (N83-NME)	TVD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Site:	Bell Lake 19-18 State Com Pad	MD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Well:	Bell Lake 19-18 State Com 30H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,198.00	89.60	359.50	12,519.42	531.40	-749.67	587.06	1.77	0.64	-1.66
13,294.00	92.33	0.30	12,517.80	627.37	-749.83	682.77	2.96	2.84	0.83
13,389.00	91.28	359.59	12,514.81	722.32	-749.93	777.45	1.33	-1.11	-0.75
13,485.00	90.40	358.36	12,513.40	818.30	-751.64	873.27	1.58	-0.92	-1.28
13,580.00	91.10	357.13	12,512.16	913.21	-755.38	968.20	1.49	0.74	-1.29
13,676.00	89.60	356.78	12,511.57	1,009.07	-760.48	1,064.17	1.60	-1.56	-0.36
13,771.00	89.34	359.86	12,512.45	1,104.02	-763.26	1,159.05	3.25	-0.27	3.24
13,867.00	91.45	0.82	12,511.79	1,200.00	-762.70	1,254.71	2.41	2.20	1.00
13,963.00	91.45	1.09	12,509.36	1,295.96	-761.10	1,350.27	0.28	0.00	0.28
14,058.00	91.19	0.91	12,507.17	1,390.92	-759.44	1,444.82	0.33	-0.27	-0.19
14,153.00	91.01	1.09	12,505.35	1,485.89	-757.78	1,539.39	0.27	-0.19	0.19
14,249.00	90.66	359.07	12,503.95	1,581.87	-757.65	1,635.08	2.14	-0.36	-2.10
14,345.00	90.92	3.99	12,502.62	1,677.80	-755.08	1,730.53	5.13	0.27	5.13
14,440.00	88.72	1.88	12,502.92	1,772.66	-750.22	1,824.75	3.21	-2.32	-2.22
14,536.00	89.08	2.76	12,504.76	1,868.57	-746.34	1,920.08	0.99	0.38	0.92
14,631.00	89.78	3.90	12,505.71	1,963.40	-740.82	2,014.21	1.41	0.74	1.20
14,727.00	89.96	2.23	12,505.93	2,059.26	-735.68	2,109.40	1.75	0.19	-1.74
14,823.00	88.64	2.23	12,507.10	2,155.18	-731.95	2,204.75	1.38	-1.38	0.00
14,919.00	87.76	1.88	12,510.12	2,251.07	-728.51	2,300.10	0.99	-0.92	-0.36
15,014.00	85.74	1.17	12,515.50	2,345.87	-725.98	2,394.44	2.25	-2.13	-0.75
15,110.00	85.30	1.97	12,523.00	2,441.54	-723.36	2,489.63	0.95	-0.46	0.83
15,205.00	87.85	0.74	12,528.68	2,536.34	-721.12	2,583.98	2.98	2.68	-1.29
15,301.00	90.92	0.38	12,529.71	2,632.32	-720.18	2,679.60	3.22	3.20	-0.38
15,397.00	91.28	358.89	12,527.86	2,728.29	-720.79	2,775.35	1.60	0.38	-1.55
15,492.00	93.03	359.07	12,524.29	2,823.21	-722.48	2,870.11	1.85	1.84	0.19
15,588.00	93.21	358.19	12,519.07	2,919.04	-724.78	2,965.84	0.93	0.19	-0.92
15,683.00	93.74	357.75	12,513.31	3,013.80	-728.14	3,060.58	0.72	0.56	-0.46
15,779.00	94.44	358.10	12,506.46	3,109.49	-731.60	3,156.26	0.81	0.73	0.36
15,874.00	93.91	358.54	12,499.54	3,204.20	-734.38	3,250.90	0.72	-0.56	0.46
15,970.00	94.35	357.66	12,492.63	3,299.90	-737.55	3,346.56	1.02	0.46	-0.92
16,065.00	94.70	357.83	12,485.13	3,394.53	-741.28	3,441.20	0.41	0.37	0.18
16,161.00	92.95	358.19	12,478.73	3,490.25	-744.61	3,536.90	1.86	-1.82	0.38
16,257.00	93.12	358.71	12,473.65	3,586.08	-747.20	3,632.65	0.57	0.18	0.54
16,352.00	90.92	358.36	12,470.30	3,680.99	-749.63	3,727.46	2.34	-2.32	-0.37
16,447.00	89.96	357.83	12,469.57	3,775.93	-752.78	3,822.37	1.15	-1.01	-0.56
16,543.00	89.78	358.80	12,469.79	3,871.89	-755.61	3,918.26	1.03	-0.19	1.01
16,638.00	89.60	357.92	12,470.30	3,966.85	-758.33	4,013.15	0.95	-0.19	-0.93
16,734.00	89.69	357.75	12,470.90	4,062.78	-761.95	4,109.08	0.20	0.09	-0.18
16,830.00	89.60	357.57	12,471.49	4,158.69	-765.87	4,205.01	0.21	-0.09	-0.19
16,925.00	91.10	358.10	12,470.91	4,253.62	-769.46	4,299.94	1.67	1.58	0.56
17,021.00	90.92	357.83	12,469.22	4,349.55	-772.87	4,395.84	0.34	-0.19	-0.28
17,116.00	91.28	358.36	12,467.40	4,444.47	-776.03	4,490.74	0.67	0.38	0.56
17,212.00	91.45	358.63	12,465.11	4,540.41	-778.55	4,586.59	0.33	0.18	0.28
17,308.00	89.08	357.48	12,464.66	4,636.35	-781.81	4,682.49	2.74	-2.47	-1.20

Company:	Devon Energy	Local Co-ordinate Reference:	Well Bell Lake 19-18 State Com 30H
Project:	Lea County, NM (N83-NME)	TVD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Site:	Bell Lake 19-18 State Com Pad	MD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Well:	Bell Lake 19-18 State Com 30H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,403.00	91.54	358.54	12,464.15	4,731.28	-785.10	4,777.40	2.82	2.59	1.12
17,499.00	93.12	0.30	12,460.25	4,827.19	-786.08	4,873.10	2.46	1.65	1.83
17,594.00	92.51	0.38	12,455.58	4,922.07	-785.51	4,967.67	0.65	-0.64	0.08
17,690.00	92.24	1.17	12,451.60	5,017.98	-784.22	5,063.20	0.87	-0.28	0.82
17,786.00	91.71	1.09	12,448.30	5,113.91	-782.32	5,158.70	0.56	-0.55	-0.08
17,881.00	91.54	1.00	12,445.60	5,208.85	-780.59	5,253.23	0.20	-0.18	-0.09
17,977.00	90.04	1.70	12,444.28	5,304.81	-778.33	5,348.74	1.72	-1.56	0.73
18,072.00	90.66	1.53	12,443.70	5,399.77	-775.65	5,443.22	0.68	0.65	-0.18
18,168.00	89.78	1.79	12,443.33	5,495.73	-772.87	5,538.69	0.96	-0.92	0.27
18,263.00	87.23	1.61	12,445.81	5,590.65	-770.05	5,633.11	2.69	-2.68	-0.19
18,359.00	86.17	0.91	12,451.33	5,686.46	-767.95	5,728.49	1.32	-1.10	-0.73
18,455.00	86.09	1.26	12,457.81	5,782.23	-766.13	5,823.83	0.37	-0.08	0.36
18,550.00	85.21	0.47	12,465.02	5,876.94	-764.70	5,918.16	1.24	-0.93	-0.83
18,646.00	88.20	359.50	12,470.54	5,972.77	-764.73	6,013.71	3.27	3.11	-1.01
18,742.00	89.60	359.42	12,472.38	6,068.75	-765.63	6,109.48	1.46	1.46	-0.08
18,837.00	91.10	358.98	12,471.80	6,163.73	-766.96	6,204.29	1.65	1.58	-0.46
18,933.00	90.40	357.83	12,470.54	6,259.69	-769.63	6,300.17	1.40	-0.73	-1.20
19,029.00	91.19	357.13	12,469.21	6,355.58	-773.85	6,396.11	1.10	0.82	-0.73
19,124.00	90.13	356.69	12,468.12	6,450.44	-778.97	6,491.07	1.21	-1.12	-0.46
19,220.00	91.71	357.40	12,466.57	6,546.29	-783.92	6,587.03	1.80	1.65	0.74
19,316.00	91.54	356.69	12,463.85	6,642.13	-788.87	6,682.96	0.76	-0.18	-0.74
19,411.00	91.19	355.99	12,461.59	6,736.90	-794.93	6,777.92	0.82	-0.37	-0.74
19,507.00	91.10	355.55	12,459.67	6,832.62	-802.01	6,873.90	0.47	-0.09	-0.46
19,602.00	91.71	357.48	12,457.34	6,927.41	-807.78	6,968.86	2.13	0.64	2.03
19,698.00	92.15	358.98	12,454.11	7,023.31	-810.75	7,064.70	1.63	0.46	1.56
19,793.00	91.98	0.30	12,450.68	7,118.25	-811.34	7,159.41	1.40	-0.18	1.39
19,889.00	92.24	0.47	12,447.15	7,214.18	-810.70	7,255.01	0.32	0.27	0.18
19,984.00	87.67	358.10	12,447.22	7,309.14	-811.88	7,349.78	5.42	-4.81	-2.49
20,080.00	88.29	358.00	12,450.61	7,405.02	-815.15	7,445.64	0.65	0.65	-0.10
20,175.00	88.64	0.74	12,453.15	7,499.97	-816.19	7,540.39	2.91	0.37	2.88
20,271.00	89.52	1.97	12,454.69	7,595.93	-813.92	7,635.90	1.58	0.92	1.28
20,366.00	88.37	1.88	12,456.44	7,690.86	-810.73	7,730.30	1.21	-1.21	-0.09
20,462.00	89.69	1.17	12,458.07	7,786.81	-808.18	7,825.78	1.56	1.38	-0.74
20,557.00	91.71	1.79	12,456.91	7,881.77	-805.72	7,920.27	2.22	2.13	0.65
20,653.00	91.63	2.40	12,454.11	7,977.66	-802.22	8,015.62	0.64	-0.08	0.64
20,749.00	91.63	3.02	12,451.38	8,073.51	-797.68	8,110.85	0.65	0.00	0.65
20,844.00	93.91	3.55	12,446.79	8,168.24	-792.24	8,204.88	2.46	2.40	0.56
20,940.00	93.30	4.34	12,440.75	8,263.82	-785.65	8,299.68	1.04	-0.64	0.82
21,035.00	89.87	3.02	12,438.13	8,358.57	-779.56	8,393.69	3.87	-3.61	-1.39
21,131.00	86.44	1.35	12,441.22	8,454.44	-775.90	8,488.99	3.97	-3.57	-1.74
21,227.00	85.03	1.17	12,448.35	8,550.15	-773.79	8,584.26	1.48	-1.47	-0.19
21,322.00	83.80	1.26	12,457.60	8,644.67	-771.79	8,678.36	1.30	-1.29	0.09
21,418.00	86.17	359.68	12,465.99	8,740.29	-771.01	8,773.64	2.96	2.47	-1.65

Company:	Devon Energy	Local Co-ordinate Reference:	Well Bell Lake 19-18 State Com 30H
Project:	Lea County, NM (N83-NME)	TVD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Site:	Bell Lake 19-18 State Com Pad	MD Reference:	RKB (GL+30') @ 3579.00usft (Cactus 129)
Well:	Bell Lake 19-18 State Com 30H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
21,514.00	86.88	0.12	12,471.81	8,836.11	-771.17	8,869.20	0.87	0.74	0.46	
21,609.00	86.70	0.21	12,477.13	8,930.96	-770.90	8,963.75	0.21	-0.19	0.09	
21,704.00	91.01	3.02	12,479.03	9,025.87	-768.22	9,058.18	5.42	4.54	2.96	
21,800.00	90.57	2.49	12,477.71	9,121.75	-763.61	9,153.43	0.72	-0.46	-0.55	
21,895.00	91.54	5.13	12,475.96	9,216.52	-757.30	9,247.43	2.96	1.02	2.78	
21,991.00	90.66	3.64	12,474.11	9,312.22	-749.96	9,342.29	1.80	-0.92	-1.55	
22,086.00	90.84	4.95	12,472.87	9,406.94	-742.85	9,436.20	1.39	0.19	1.38	
22,182.00	87.32	358.54	12,474.41	9,502.82	-739.92	9,531.57	7.62	-3.67	-6.68	
22,277.00	89.16	358.71	12,477.33	9,597.74	-742.20	9,626.39	1.95	1.94	0.18	
22,373.00	89.96	356.96	12,478.07	9,693.67	-745.83	9,722.31	2.00	0.83	-1.82	
22,468.00	90.57	355.73	12,477.63	9,788.47	-751.88	9,817.30	1.45	0.64	-1.29	
22,564.00	91.01	356.43	12,476.30	9,884.23	-758.45	9,913.29	0.86	0.46	0.73	
22,659.00	91.28	355.81	12,474.41	9,979.00	-764.87	10,008.27	0.71	0.28	-0.65	
22,755.00	91.36	355.64	12,472.19	10,074.70	-772.03	10,104.24	0.20	0.08	-0.18	
22,807.00	91.71	356.25	12,470.80	10,126.56	-775.70	10,156.22	1.35	0.67	1.17	
Last Survey - 22807.00' MD, 12470.80' TVD										
22,862.00	91.71	356.25	12,469.16	10,181.41	-779.30	10,211.19	0.00	0.00	0.00	
PTB										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
22,807.00	12,470.80	10,126.56	-775.70	Last Survey - 22807.00' MD, 12470.80' TVD	
22,862.00	12,469.16	10,181.41	-779.30	PTB	