

**DISTRICT I**  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**DISTRICT II**  
611 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 Rec'd 8/14/2020 - NMOCED  
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 <b>30-025-45639</b>	Pool Code <b>98135</b>	Pool Name <b>WC-025 G-09 S243310P;UPPER WOLFCAMP</b>
Property Code <b>323009</b>	Property Name <b>BELL LAKE 19-18 STATE COM</b>	
OGRID No. 6137	Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	Well Number 31H Elevation 3549.1'

**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	1772	WEST	LEA

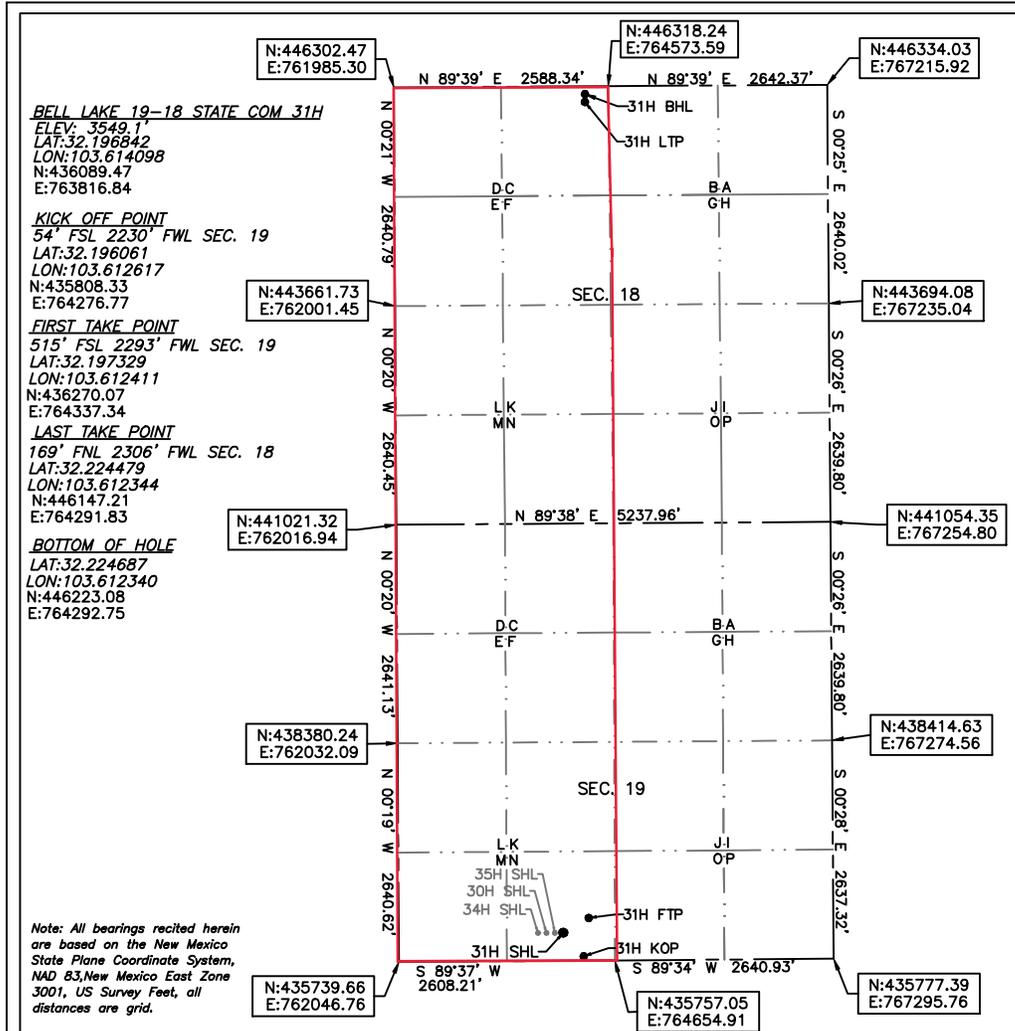
**Bottom Hole Location If Different From Surface**

**SL**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	24-S	33-E		93	NORTH	2307	WEST	LEA

Dedicated Acres <b>629.6</b>	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* 8/9/2020  
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.

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

Rec'd 8/14/2020 - NMOCD

API #  
30-025-45639

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: BELL LAKE 19-18 STATE COM	Well Number 31H
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Kick Off Point (KOP)

UL N	Section 19	Township 24-S	Range 33-E	Lot	Feet 54	From N/S SOUTH	Feet 2230	From E/W WEST	County LEA
Latitude 32.196061					Longitude 103.612617				NAD 83

First Take Point (FTP)

UL N	Section 19	Township 24-S	Range 33-E	Lot	Feet 515	From N/S SOUTH	Feet 2293	From E/W WEST	County LEA
Latitude 32.197329					Longitude 103.612411				NAD 83

Last Take Point (LTP)

UL C	Section 18	Township 24-S	Range 33-E	Lot	Feet 169	From N/S NORTH	Feet 2306	From E/W WEST	County LEA
Latitude 32.224479					Longitude 103.612344				NAD 83

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

Is this well an infill well?  Y

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

API #  
30-025-45638

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: BELL LAKE 19-18 STATE COM	Well Number 30H
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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 #31H**

**API No: 30-025-45639**

**Start Date: 08/21/2019**

**End Date: 09/13/2019**

**Measure Start Depth: 176.00'**

**Measured End Depth: 22771.00'**

**Vertical Section from SHL to TD: 2.68° 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: 07/06/2020**

**Sign: *Robert D. Wafer***



## **Devon Energy**

**Lea County, NM (N83-NME)  
Bell Lake 19-18 State Com Pad  
Bell Lake 19-18 State Com 31H**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

**07 July, 2020**



<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
<b>Project:</b>	Lea County, NM (N83-NME)	<b>TVD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Site:</b>	Bell Lake 19-18 State Com Pad	<b>MD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Well:</b>	Bell Lake 19-18 State Com 31H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	EDM 5000.15 Single User Db

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

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

<b>Well</b>	Bell Lake 19-18 State Com 31H					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	436,089.47 usft	<b>Latitude:</b>	32° 11' 48.630 N
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	763,816.84 usft	<b>Longitude:</b>	103° 36' 50.752 W
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	0.00 usft	<b>Ground Level:</b>	3,549.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	07/23/19	6.74	60.00	47,700.91

<b>Design</b>	Surveys				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	2.68	

<b>Survey Program</b>	Date 09/13/19			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
176.00	22,825.00	Survey #1 (Wellbore #1)	MWD	OWSG MWD - Standard

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
176.00	0.75	200.60	175.99	-1.08	-0.41	-1.10	0.43	0.43	0.00	
302.00	0.66	234.52	301.99	-2.27	-1.29	-2.33	0.33	-0.07	26.92	
397.00	1.10	213.43	396.97	-3.35	-2.23	-3.45	0.57	0.46	-22.20	
492.00	0.75	198.93	491.96	-4.70	-2.94	-4.83	0.44	-0.37	-15.26	
586.00	0.88	229.78	585.95	-5.75	-3.69	-5.91	0.48	0.14	32.82	
680.00	1.23	231.54	679.94	-6.84	-5.03	-7.07	0.37	0.37	1.87	
775.00	0.97	219.67	774.92	-8.09	-6.34	-8.38	0.36	-0.27	-12.49	
869.00	1.49	230.39	868.90	-9.49	-7.79	-9.84	0.60	0.55	11.40	
964.00	1.54	219.67	963.86	-11.26	-9.56	-11.69	0.30	0.05	-11.28	

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
<b>Project:</b>	Lea County, NM (N83-NME)	<b>TVD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Site:</b>	Bell Lake 19-18 State Com Pad	<b>MD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Well:</b>	Bell Lake 19-18 State Com 31H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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	1.63	234.44	1,057.83	-13.01	-11.45	-13.53	0.44	0.10	15.71	
1,153.00	1.67	260.28	1,152.79	-14.02	-13.92	-14.66	0.78	0.04	27.20	
1,184.00	1.63	221.25	1,183.78	-14.43	-14.65	-15.10	3.56	-0.13	-125.90	
1,276.00	1.41	216.42	1,275.75	-16.33	-16.19	-17.07	0.28	-0.24	-5.25	
1,370.00	1.85	170.45	1,369.71	-18.75	-16.62	-19.51	1.42	0.47	-48.90	
1,466.00	2.37	134.15	1,465.65	-21.67	-14.94	-22.34	1.46	0.54	-37.81	
1,561.00	3.21	100.93	1,560.54	-23.54	-10.92	-24.02	1.88	0.88	-34.97	
1,655.00	4.31	96.80	1,654.34	-24.45	-4.83	-24.65	1.20	1.17	-4.39	
1,751.00	5.54	96.98	1,749.98	-25.45	3.35	-25.26	1.28	1.28	0.19	
1,846.00	7.25	100.58	1,844.39	-27.10	13.80	-26.43	1.85	1.80	3.79	
1,942.00	7.56	100.67	1,939.59	-29.38	25.96	-28.14	0.32	0.32	0.09	
2,037.00	7.60	100.84	2,033.76	-31.72	38.27	-29.90	0.05	0.04	0.18	
2,133.00	7.82	109.90	2,128.89	-35.14	50.65	-32.73	1.29	0.23	9.44	
2,229.00	8.53	114.03	2,223.92	-40.26	63.29	-37.25	0.96	0.74	4.30	
2,324.00	9.45	118.24	2,317.75	-46.82	76.60	-43.18	1.19	0.97	4.43	
2,419.00	9.23	118.95	2,411.49	-54.20	90.14	-49.92	0.26	-0.23	0.75	
2,515.00	9.14	118.51	2,506.26	-61.57	103.57	-56.65	0.12	-0.09	-0.46	
2,611.00	9.01	119.39	2,601.06	-68.89	116.82	-63.35	0.20	-0.14	0.92	
2,706.00	8.97	119.74	2,694.89	-76.22	129.73	-70.06	0.07	-0.04	0.37	
2,802.00	8.97	119.91	2,789.72	-83.66	142.72	-76.89	0.03	0.00	0.18	
2,897.00	9.05	118.95	2,883.55	-90.97	155.68	-83.58	0.18	0.08	-1.01	
2,993.00	8.88	117.72	2,978.37	-98.07	168.84	-90.06	0.27	-0.18	-1.28	
3,089.00	9.36	116.31	3,073.16	-104.98	182.40	-96.32	0.55	0.50	-1.47	
3,184.00	9.98	120.09	3,166.81	-112.53	196.45	-103.21	0.93	0.65	3.98	
3,280.00	10.64	134.42	3,261.28	-122.91	209.98	-112.94	2.75	0.69	14.93	
3,375.00	9.89	133.71	3,354.76	-134.68	222.14	-124.13	0.80	-0.79	-0.75	
3,471.00	9.58	132.75	3,449.37	-145.80	233.97	-134.69	0.36	-0.32	-1.00	
3,567.00	9.54	131.43	3,544.04	-156.49	245.80	-144.81	0.23	-0.04	-1.38	
3,662.00	7.96	133.27	3,637.93	-166.21	256.49	-154.01	1.69	-1.66	1.94	
3,757.00	7.60	129.49	3,732.06	-174.71	266.13	-162.06	0.66	-0.38	-3.98	
3,853.00	7.56	124.92	3,827.22	-182.36	276.20	-169.23	0.63	-0.04	-4.76	
3,949.00	7.12	124.57	3,922.43	-189.36	286.28	-175.74	0.46	-0.46	-0.36	
4,044.00	6.46	124.22	4,016.77	-195.70	295.55	-181.65	0.70	-0.69	-0.37	
4,140.00	7.16	118.86	4,112.09	-201.63	305.25	-187.11	0.98	0.73	-5.58	
4,235.00	6.99	116.05	4,206.37	-207.02	315.63	-192.01	0.41	-0.18	-2.96	
4,331.00	8.66	110.16	4,301.47	-212.08	327.67	-196.50	1.93	1.74	-6.14	
4,426.00	9.23	111.57	4,395.31	-217.35	341.47	-201.12	0.64	0.60	1.48	
4,522.00	8.84	113.06	4,490.12	-223.07	355.41	-206.18	0.47	-0.41	1.55	
4,617.00	8.66	114.82	4,584.02	-228.93	368.62	-211.41	0.34	-0.19	1.85	
4,713.00	9.10	118.95	4,678.87	-235.64	381.82	-217.50	0.81	0.46	4.30	
4,808.00	8.31	127.47	4,772.78	-243.45	393.85	-224.74	1.59	-0.83	8.97	
4,903.00	6.15	129.58	4,867.02	-250.87	403.22	-231.71	2.29	-2.27	2.22	
4,999.00	4.35	131.78	4,962.61	-256.57	409.90	-237.09	1.89	-1.88	2.29	
5,093.00	3.47	130.37	5,056.39	-260.79	414.72	-241.08	0.94	-0.94	-1.50	

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
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<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
5,188.00	3.43	130.02	5,151.22	-264.48	419.09	-244.56	0.05	-0.04	-0.37	
5,283.00	3.60	130.81	5,246.04	-268.26	423.52	-248.13	0.19	0.18	0.83	
5,378.00	3.34	130.55	5,340.86	-272.00	427.88	-251.67	0.27	-0.27	-0.27	
5,472.00	3.16	128.26	5,434.71	-275.39	432.00	-254.85	0.24	-0.19	-2.44	
5,567.00	2.99	129.67	5,529.58	-278.59	435.96	-257.87	0.20	-0.18	1.48	
5,661.00	3.12	126.95	5,623.44	-281.69	439.89	-260.78	0.21	0.14	-2.89	
5,756.00	2.81	129.06	5,718.32	-284.72	443.77	-263.62	0.35	-0.33	2.22	
5,850.00	2.77	130.55	5,812.20	-287.64	447.28	-266.38	0.09	-0.04	1.59	
5,945.00	2.37	131.16	5,907.11	-290.43	450.51	-269.01	0.42	-0.42	0.64	
6,039.00	2.20	131.96	6,001.03	-292.91	453.31	-271.36	0.18	-0.18	0.85	
6,134.00	1.89	132.13	6,095.97	-295.18	455.83	-273.51	0.33	-0.33	0.18	
6,228.00	1.85	131.87	6,189.92	-297.24	458.11	-275.46	0.04	-0.04	-0.28	
6,323.00	1.67	127.47	6,284.88	-299.10	460.35	-277.22	0.24	-0.19	-4.63	
6,417.00	1.01	97.94	6,378.85	-300.05	462.26	-278.07	0.99	-0.70	-31.41	
6,512.00	0.97	77.02	6,473.84	-299.99	463.87	-277.93	0.38	-0.04	-22.02	
6,607.00	0.88	75.00	6,568.83	-299.62	465.36	-277.49	0.10	-0.09	-2.13	
6,702.00	0.79	73.33	6,663.82	-299.24	466.69	-277.06	0.10	-0.09	-1.76	
6,798.00	0.66	72.98	6,759.81	-298.89	467.85	-276.65	0.14	-0.14	-0.36	
6,894.00	0.57	65.16	6,855.80	-298.53	468.81	-276.24	0.13	-0.09	-8.15	
6,989.00	0.53	54.79	6,950.80	-298.07	469.60	-275.75	0.11	-0.04	-10.92	
7,085.00	0.57	70.34	7,046.79	-297.66	470.41	-275.30	0.16	0.04	16.20	
7,180.00	0.66	64.54	7,141.79	-297.26	471.35	-274.86	0.12	0.09	-6.11	
7,276.00	0.66	60.06	7,237.78	-296.75	472.33	-274.30	0.05	0.00	-4.67	
7,371.00	0.57	42.13	7,332.78	-296.13	473.12	-273.64	0.22	-0.09	-18.87	
7,467.00	0.62	35.10	7,428.77	-295.35	473.74	-272.84	0.09	0.05	-7.32	
7,562.00	0.57	18.66	7,523.77	-294.48	474.19	-271.95	0.19	-0.05	-17.31	
7,658.00	0.57	4.87	7,619.76	-293.55	474.38	-271.01	0.14	0.00	-14.36	
7,753.00	0.66	5.57	7,714.76	-292.53	474.47	-269.99	0.10	0.09	0.74	
7,849.00	0.57	6.80	7,810.75	-291.51	474.58	-268.96	0.09	-0.09	1.28	
7,945.00	0.70	8.21	7,906.75	-290.46	474.73	-267.90	0.14	0.14	1.47	
8,040.00	0.48	31.67	8,001.74	-289.54	475.02	-266.98	0.34	-0.23	24.69	
8,136.00	0.40	38.70	8,097.74	-288.94	475.44	-266.36	0.10	-0.08	7.32	
8,231.00	0.26	33.34	8,192.74	-288.50	475.76	-265.90	0.15	-0.15	-5.64	
8,327.00	0.22	35.45	8,288.74	-288.17	475.99	-265.56	0.04	-0.04	2.20	
8,422.00	0.26	88.63	8,383.73	-288.01	476.31	-265.39	0.23	0.04	55.98	
8,518.00	0.26	92.67	8,479.73	-288.02	476.75	-265.38	0.02	0.00	4.21	
8,614.00	0.09	67.62	8,575.73	-288.00	477.03	-265.34	0.19	-0.18	-26.09	
8,709.00	0.13	232.59	8,670.73	-288.04	477.02	-265.38	0.23	0.04	173.65	
8,805.00	0.31	212.46	8,766.73	-288.32	476.79	-265.68	0.20	0.19	-20.97	
8,900.00	0.18	216.07	8,861.73	-288.66	476.57	-266.03	0.14	-0.14	3.80	
8,996.00	0.40	250.78	8,957.73	-288.89	476.16	-266.28	0.28	0.23	36.16	
9,091.00	0.26	243.66	9,052.73	-289.10	475.65	-266.50	0.15	-0.15	-7.49	
9,187.00	0.31	255.18	9,148.73	-289.26	475.21	-266.69	0.08	0.05	12.00	

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
<b>Project:</b>	Lea County, NM (N83-NME)	<b>TVD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Site:</b>	Bell Lake 19-18 State Com Pad	<b>MD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Well:</b>	Bell Lake 19-18 State Com 31H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
9,282.00	0.66	265.46	9,243.72	-289.37	474.41	-266.83	0.38	0.37	10.82	
9,378.00	0.84	278.65	9,339.72	-289.31	473.17	-266.83	0.26	0.19	13.74	
9,473.00	0.57	300.62	9,434.71	-288.96	472.07	-266.54	0.40	-0.28	23.13	
9,569.00	0.53	308.09	9,530.70	-288.44	471.31	-266.06	0.09	-0.04	7.78	
9,664.00	0.62	302.73	9,625.70	-287.90	470.53	-265.54	0.11	0.09	-5.64	
9,760.00	1.10	304.84	9,721.69	-287.09	469.34	-264.79	0.50	0.50	2.20	
9,856.00	1.23	320.31	9,817.67	-285.77	467.93	-263.54	0.35	0.14	16.11	
9,951.00	0.97	323.47	9,912.65	-284.34	466.80	-262.17	0.28	-0.27	3.33	
10,047.00	0.66	2.93	10,008.64	-283.13	466.34	-260.98	0.65	-0.32	41.10	
10,143.00	0.79	41.16	10,104.63	-282.08	466.80	-259.91	0.51	0.14	39.82	
10,238.00	0.75	32.29	10,199.63	-281.06	467.57	-258.86	0.13	-0.04	-9.34	
10,333.00	0.53	24.55	10,294.62	-280.14	468.08	-257.91	0.25	-0.23	-8.15	
10,428.00	0.48	25.52	10,389.62	-279.38	468.44	-257.14	0.05	-0.05	1.02	
10,522.00	0.40	42.92	10,483.61	-278.78	468.83	-256.52	0.16	-0.09	18.51	
10,617.00	0.22	13.65	10,578.61	-278.36	469.10	-256.09	0.25	-0.19	-30.81	
10,711.00	0.26	349.05	10,672.61	-277.98	469.10	-255.71	0.12	0.04	-26.17	
10,806.00	0.13	354.76	10,767.61	-277.66	469.05	-255.39	0.14	-0.14	6.01	
10,901.00	0.18	298.95	10,862.61	-277.48	468.91	-255.22	0.16	0.05	-58.75	
10,996.00	0.44	256.32	10,957.61	-277.50	468.42	-255.25	0.35	0.27	-44.87	
11,091.00	0.88	255.53	11,052.60	-277.76	467.36	-255.57	0.46	0.46	-0.83	
11,186.00	0.79	251.31	11,147.59	-278.16	466.04	-256.03	0.11	-0.09	-4.44	
11,280.00	0.66	238.83	11,241.59	-278.64	464.96	-256.56	0.22	-0.14	-13.28	
11,375.00	0.66	218.62	11,336.58	-279.35	464.15	-257.31	0.24	0.00	-21.27	
11,470.00	0.75	232.59	11,431.57	-280.16	463.31	-258.15	0.20	0.09	14.71	
11,660.00	1.58	263.79	11,621.53	-281.20	459.72	-259.36	0.53	0.44	16.42	
11,756.00	2.20	250.87	11,717.48	-281.95	456.67	-260.25	0.78	0.65	-13.46	
11,851.00	1.76	216.86	11,812.43	-283.71	454.07	-262.13	1.30	-0.46	-35.80	
11,947.00	1.93	200.07	11,908.38	-286.41	452.63	-264.90	0.59	0.18	-17.49	
12,042.00	1.41	195.59	12,003.34	-289.04	451.77	-267.56	0.56	-0.55	-4.72	
12,138.00	13.89	5.92	12,098.48	-278.65	452.64	-257.15	15.92	13.00	177.43	
12,233.00	27.26	8.91	12,187.22	-245.66	457.21	-223.98	14.11	14.07	3.15	
12,329.00	32.36	7.59	12,270.49	-198.45	464.01	-176.50	5.36	5.31	-1.38	
12,424.00	40.54	11.81	12,346.86	-142.92	473.71	-120.58	9.00	8.61	4.44	
12,520.00	49.86	11.28	12,414.43	-76.25	487.30	-53.35	9.72	9.71	-0.55	
12,615.00	62.17	10.67	12,467.43	0.94	502.24	24.46	12.97	12.96	-0.64	
12,711.00	72.90	6.27	12,504.07	88.55	515.15	112.58	11.95	11.18	-4.58	
12,806.00	79.76	0.47	12,526.53	180.60	520.50	204.78	9.34	7.22	-6.11	
12,902.00	86.44	358.63	12,538.06	275.85	519.74	299.88	7.21	6.96	-1.92	
12,997.00	90.13	0.30	12,540.90	370.78	518.86	394.67	4.26	3.88	1.76	
13,093.00	91.71	359.59	12,539.36	466.76	518.77	490.55	1.80	1.65	-0.74	
13,188.00	91.89	359.68	12,536.38	561.72	518.16	585.37	0.21	0.19	0.09	
13,284.00	92.86	359.24	12,532.40	657.63	517.26	681.13	1.11	1.01	-0.46	
13,379.00	92.42	359.94	12,528.02	752.52	516.58	775.89	0.87	-0.46	0.74	

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
<b>Project:</b>	Lea County, NM (N83-NME)	<b>TVD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Site:</b>	Bell Lake 19-18 State Com Pad	<b>MD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Well:</b>	Bell Lake 19-18 State Com 31H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
13,474.00	91.36	359.15	12,524.89	847.47	515.83	870.69	1.39	-1.12	-0.83	
13,570.00	90.57	2.76	12,523.27	943.42	517.43	966.62	3.85	-0.82	3.76	
13,665.00	89.69	2.67	12,523.06	1,038.31	521.93	1,061.62	0.93	-0.93	-0.09	
13,761.00	89.52	1.53	12,523.72	1,134.25	525.44	1,157.61	1.20	-0.18	-1.19	
13,856.00	90.48	0.21	12,523.72	1,229.23	526.89	1,252.56	1.72	1.01	-1.39	
13,952.00	91.01	3.37	12,522.47	1,325.16	529.88	1,348.53	3.34	0.55	3.29	
14,047.00	90.84	4.78	12,520.94	1,419.91	536.63	1,443.48	1.49	-0.18	1.48	
14,142.00	90.57	6.98	12,519.77	1,514.40	546.36	1,538.32	2.33	-0.28	2.32	
14,238.00	88.64	3.99	12,520.43	1,609.94	555.54	1,634.19	3.71	-2.01	-3.11	
14,333.00	91.19	357.48	12,520.57	1,704.87	556.76	1,729.08	7.36	2.68	-6.85	
14,428.00	92.33	357.40	12,517.65	1,799.73	552.52	1,823.63	1.20	1.20	-0.08	
14,524.00	88.81	356.78	12,516.70	1,895.59	547.64	1,919.15	3.72	-3.67	-0.65	
14,620.00	88.11	356.08	12,519.28	1,991.37	541.67	2,014.55	1.03	-0.73	-0.73	
14,715.00	90.84	356.69	12,520.15	2,086.16	535.68	2,108.96	2.94	2.87	0.64	
14,811.00	91.89	359.15	12,517.86	2,182.06	532.19	2,204.59	2.79	1.09	2.56	
14,906.00	90.66	0.03	12,515.75	2,277.04	531.52	2,299.43	1.59	-1.29	0.93	
15,002.00	90.40	359.86	12,514.86	2,373.03	531.42	2,395.31	0.32	-0.27	-0.18	
15,097.00	89.52	359.24	12,514.92	2,468.03	530.68	2,490.17	1.13	-0.93	-0.65	
15,193.00	89.96	358.63	12,515.36	2,564.01	528.89	2,585.96	0.78	0.46	-0.64	
15,289.00	89.87	357.40	12,515.50	2,659.95	525.57	2,681.64	1.28	-0.09	-1.28	
15,396.00	92.51	0.30	12,513.28	2,766.88	523.42	2,788.36	3.66	2.47	2.71	
15,491.00	90.48	359.68	12,510.80	2,861.85	523.40	2,883.22	2.23	-2.14	-0.65	
15,587.00	90.04	359.86	12,510.37	2,957.84	523.02	2,979.09	0.50	-0.46	0.19	
15,683.00	88.99	0.47	12,511.18	3,053.84	523.29	3,074.99	1.26	-1.09	0.64	
15,778.00	88.46	0.38	12,513.29	3,148.81	524.00	3,169.90	0.57	-0.56	-0.09	
15,874.00	88.90	359.33	12,515.50	3,244.78	523.76	3,265.75	1.19	0.46	-1.09	
15,969.00	87.76	358.80	12,518.27	3,339.73	522.21	3,360.52	1.32	-1.20	-0.56	
16,065.00	87.49	358.01	12,522.25	3,435.61	519.54	3,456.17	0.87	-0.28	-0.82	
16,160.00	87.93	357.83	12,526.05	3,530.47	516.09	3,550.77	0.50	0.46	-0.19	
16,256.00	89.52	358.19	12,528.18	3,626.38	512.76	3,646.42	1.70	1.66	0.38	
16,352.00	91.98	357.92	12,526.93	3,722.31	509.50	3,742.09	2.58	2.56	-0.28	
16,447.00	92.33	358.98	12,523.35	3,817.21	506.93	3,836.76	1.17	0.37	1.12	
16,543.00	92.15	358.36	12,519.60	3,913.11	504.71	3,932.45	0.67	-0.19	-0.65	
16,638.00	92.86	359.94	12,515.45	4,008.01	503.30	4,027.18	1.82	0.75	1.66	
16,734.00	91.54	359.42	12,511.76	4,103.93	502.76	4,122.97	1.48	-1.38	-0.54	
16,829.00	91.28	359.86	12,509.43	4,198.90	502.17	4,217.81	0.54	-0.27	0.46	
16,925.00	91.28	359.94	12,507.28	4,294.88	502.00	4,313.67	0.08	0.00	0.08	
17,020.00	90.22	2.84	12,506.04	4,389.83	504.30	4,408.63	3.25	-1.12	3.05	
17,116.00	88.20	1.97	12,507.36	4,485.73	508.33	4,504.61	2.29	-2.10	-0.91	
17,212.00	88.64	0.74	12,510.01	4,581.66	510.60	4,600.55	1.36	0.46	-1.28	
17,307.00	89.60	359.33	12,511.47	4,676.65	510.66	4,695.43	1.80	1.01	-1.48	
17,403.00	89.69	358.36	12,512.06	4,772.63	508.72	4,791.21	1.01	0.09	-1.01	
17,499.00	90.48	359.15	12,511.92	4,868.60	506.64	4,886.99	1.16	0.82	0.82	
17,594.00	90.66	359.59	12,510.97	4,963.59	505.59	4,981.82	0.50	0.19	0.46	

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
<b>Project:</b>	Lea County, NM (N83-NME)	<b>TVD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Site:</b>	Bell Lake 19-18 State Com Pad	<b>MD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Well:</b>	Bell Lake 19-18 State Com 31H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
17,689.00	88.90	1.00	12,511.34	5,058.58	506.08	5,076.73	2.37	-1.85	1.48	
17,785.00	89.60	0.56	12,512.60	5,154.57	507.39	5,172.67	0.86	0.73	-0.46	
17,881.00	88.55	359.68	12,514.15	5,250.55	507.59	5,268.56	1.43	-1.09	-0.92	
17,976.00	89.43	359.68	12,515.82	5,345.53	507.06	5,363.41	0.93	0.93	0.00	
18,072.00	91.19	1.53	12,515.30	5,441.52	508.07	5,459.34	2.66	1.83	1.93	
18,168.00	91.36	3.11	12,513.17	5,537.41	511.96	5,555.31	1.65	0.18	1.65	
18,263.00	91.63	4.78	12,510.69	5,632.15	518.49	5,650.25	1.78	0.28	1.76	
18,359.00	89.25	2.23	12,509.95	5,727.96	524.36	5,746.23	3.63	-2.48	-2.66	
18,454.00	87.85	358.98	12,512.35	5,822.90	525.36	5,841.12	3.72	-1.47	-3.42	
18,550.00	88.99	358.19	12,515.00	5,918.84	522.99	5,936.83	1.44	1.19	-0.82	
18,646.00	91.80	359.68	12,514.34	6,014.80	521.21	6,032.61	3.31	2.93	1.55	
18,741.00	91.36	359.07	12,511.72	6,109.76	520.17	6,127.42	0.79	-0.46	-0.64	
18,837.00	91.10	359.07	12,509.66	6,205.73	518.61	6,223.21	0.27	-0.27	0.00	
18,933.00	90.40	359.24	12,508.40	6,301.71	517.20	6,319.02	0.75	-0.73	0.18	
19,028.00	91.28	358.80	12,507.01	6,396.68	515.57	6,413.81	1.04	0.93	-0.46	
19,124.00	92.51	358.36	12,503.83	6,492.60	513.20	6,509.51	1.36	1.28	-0.46	
19,220.00	91.63	358.80	12,500.37	6,588.51	510.82	6,605.20	1.02	-0.92	0.46	
19,315.00	90.04	358.45	12,498.98	6,683.47	508.54	6,699.95	1.71	-1.67	-0.37	
19,411.00	90.04	358.01	12,498.92	6,779.42	505.57	6,795.66	0.46	0.00	-0.46	
19,506.00	86.44	357.31	12,501.83	6,874.28	501.70	6,890.23	3.86	-3.79	-0.74	
19,602.00	87.05	357.48	12,507.28	6,970.02	497.34	6,985.67	0.66	0.64	0.18	
19,697.00	87.85	355.46	12,511.51	7,064.74	491.50	7,080.01	2.29	0.84	-2.13	
19,793.00	90.84	356.69	12,512.61	7,160.50	484.93	7,175.35	3.37	3.11	1.28	
19,888.00	89.52	357.40	12,512.31	7,255.37	480.03	7,269.89	1.58	-1.39	0.75	
19,984.00	90.84	358.98	12,512.01	7,351.32	477.00	7,365.59	2.14	1.38	1.65	
20,079.00	94.00	358.98	12,508.00	7,446.21	475.31	7,460.30	3.33	3.33	0.00	
20,175.00	89.43	358.36	12,505.13	7,542.11	473.08	7,555.99	4.80	-4.76	-0.65	
20,270.00	89.69	358.63	12,505.85	7,637.08	470.59	7,650.73	0.39	0.27	0.28	
20,366.00	90.22	359.15	12,505.93	7,733.06	468.73	7,746.52	0.77	0.55	0.54	
20,461.00	90.22	359.24	12,505.57	7,828.05	467.39	7,841.35	0.09	0.00	0.09	
20,557.00	90.57	1.44	12,504.90	7,924.04	467.96	7,937.26	2.32	0.36	2.29	
20,653.00	87.49	0.38	12,506.53	8,020.00	469.49	8,033.18	3.39	-3.21	-1.10	
20,748.00	90.66	1.44	12,508.06	8,114.96	471.00	8,128.11	3.52	3.34	1.12	
20,844.00	89.25	1.17	12,508.14	8,210.93	473.18	8,224.08	1.50	-1.47	-0.28	
20,939.00	88.81	3.64	12,509.75	8,305.83	477.17	8,319.06	2.64	-0.46	2.60	
21,035.00	94.62	7.68	12,506.87	8,401.26	486.62	8,414.83	7.37	6.05	4.21	
21,131.00	92.68	5.31	12,500.76	8,496.44	497.45	8,510.41	3.19	-2.02	-2.47	
21,226.00	91.54	2.67	12,497.26	8,591.13	504.06	8,605.31	3.03	-1.20	-2.78	
21,322.00	91.36	1.97	12,494.83	8,687.02	507.94	8,701.28	0.75	-0.19	-0.73	
21,418.00	91.80	1.88	12,492.19	8,782.93	511.17	8,797.23	0.47	0.46	-0.09	
21,513.00	90.13	359.24	12,490.59	8,877.90	512.09	8,892.14	3.29	-1.76	-2.78	
21,609.00	91.19	354.41	12,489.48	8,973.72	506.78	8,987.60	5.15	1.10	-5.03	
21,705.00	90.66	354.14	12,487.93	9,069.23	497.21	9,082.56	0.62	-0.55	-0.28	

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Bell Lake 19-18 State Com 31H
<b>Project:</b>	Lea County, NM (N83-NME)	<b>TVD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Site:</b>	Bell Lake 19-18 State Com Pad	<b>MD Reference:</b>	RKB (GL+30') @ 3579.00usft (Cactus 129)
<b>Well:</b>	Bell Lake 19-18 State Com 31H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	EDM 5000.15 Single User Db

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)
21,800.00	90.22	357.75	12,487.20	9,163.97	490.49	9,176.88	3.83	-0.46	3.80
21,895.00	86.88	355.81	12,489.60	9,258.77	485.16	9,271.33	4.07	-3.52	-2.04
21,991.00	90.66	357.40	12,491.66	9,354.56	479.47	9,366.75	4.27	3.94	1.66
22,087.00	91.19	356.78	12,490.11	9,450.42	474.60	9,462.28	0.85	0.55	-0.65
22,182.00	90.40	359.24	12,488.80	9,545.35	471.30	9,556.95	2.72	-0.83	2.59
22,278.00	87.85	359.77	12,490.26	9,641.33	470.47	9,652.78	2.71	-2.66	0.55
22,373.00	87.32	1.53	12,494.27	9,736.23	471.55	9,747.63	1.93	-0.56	1.85
22,469.00	86.17	0.56	12,499.72	9,832.06	473.30	9,843.43	1.57	-1.20	-1.01
22,564.00	87.76	0.38	12,504.75	9,926.92	474.08	9,938.23	1.68	1.67	-0.19
22,660.00	85.56	0.21	12,510.34	10,022.75	474.57	10,033.98	2.30	-2.29	-0.18
22,771.00	89.52	1.17	12,515.10	10,133.61	475.91	10,144.78	3.67	3.57	0.86
<b>Last Survey - 22771.00' MD, 12515.10' TVD</b>									
22,825.00	89.52	1.17	12,515.55	10,187.60	477.01	10,198.76	0.00	0.00	0.00
<b>PTB</b>									

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
22,771.00	12,515.10	10,133.61	475.91	Last Survey - 22771.00' MD, 12515.10' TVD
22,825.00	12,515.55	10,187.60	477.01	PTB