

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

Form C-104
Revised August 1, 2011

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

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 NW / 11/4/20
⁴ API Number 30-025-46834	⁵ Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP	⁶ Pool Code 98135 KZ
⁷ Property Code 316705	⁸ Property Name Blue Krait 23-14 Fed	⁹ Well Number 35H

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
M	23	24S	33E		245	South	950	West	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
D	14	24S	33E		31	North	423	West	Lea

¹² Lse Code F **¹³ Producing Method Code** F **¹⁴ Gas Connection Date** 11/4/20 **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
174238	Enterprise 201 Park Avenue, Ste 1600 Oklahoma City, OK 73102	Oil
371960	Lucid Energy Delaware, LLC 3100 McKinnon St., Ste. 800, Dallas, TX 75201	Gas

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
2/7/20	11/4/20	23665	22604	12700 - 22290	
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	1310		955 sx CIA; Circ 196 sx
9.875		8.625	11748		710 sx CIA; Circ 0 sx
7.875		5.5	22651		1660 sx CIH; Circ 0 sx
		Tubing: 2.875	12250		

V. Well Test Data

³¹ Date New Oil 12/2/20	³² Gas Delivery Date 12/2/20	³³ Test Date 12/2/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1755 psi	³⁶ Csg. Pressure 3851 psi
³⁷ Choke Size	³⁸ Oil 1867 bbl	³⁹ Water 3394 bbl	⁴⁰ Gas 3419 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		
Printed name: Rebecca Deal			Approved by:		
Title: Regulatory Analyst			Title:		
E-mail Address: Rebecca.Deal@dvn.com			Approval Date:		
Date: 12/3/2020	Phone: 405-228-8429				

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) 748-9720

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-46834	Pool Code 98135	Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP
Property Code 316705	Property Name BLUE KRAIT 23-14 FED	Well Number 35H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3555.1'

Surface Location

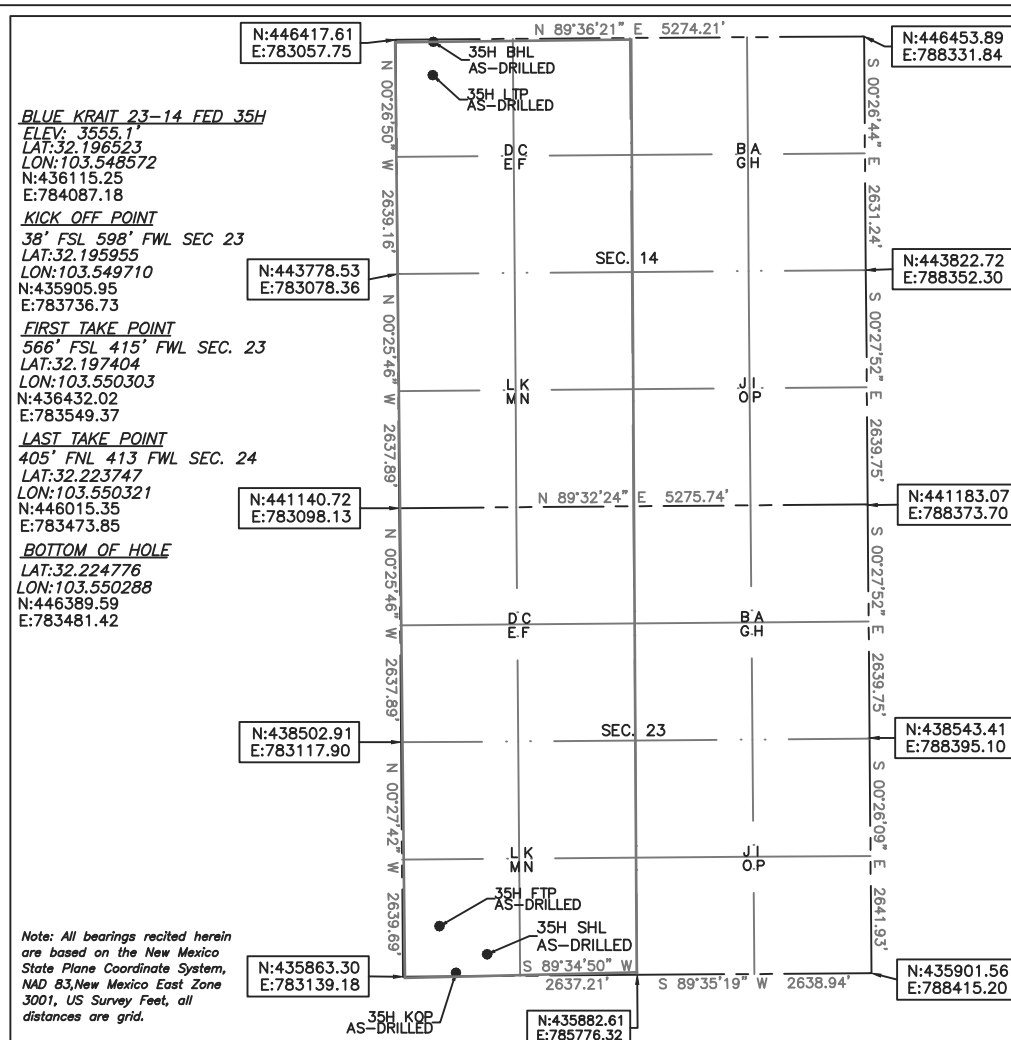
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	24-S	33-E		245	SOUTH	950	WEST	LEA

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	14	24-S	33-E		31	NORTH	423	WEST	LEA

Dedicated Acres 640	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 11/19/2020
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

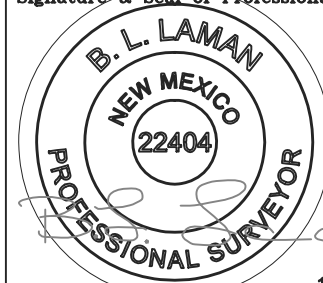
rebecca.deal@dvn.com
E-mail Address

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.

03/11/2020
Date of Survey

Signature & Seal of Professional Surveyor



11/2/20

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

Intent ☐ As Drilled ☒

API # 30-025-46834		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: BLUE KRAIT 23-14 FED	Well Number 35H

Kick Off Point (KOP)

UL M	Section 23	Township 24-S	Range 33-E	Lot	Feet 38	From N/S SOUTH	Feet 598	From E/W WEST	County LEA
Latitude 32.195955					Longitude 103.549710				NAD 83

First Take Point (FTP)

UL M	Section 23	Township 24-S	Range 33-E	Lot	Feet 566	From N/S SOUTH	Feet 415	From E/W WEST	County LEA
Latitude 32.197404					Longitude 103.550303				NAD 83

Last Take Point (LTP)

UL D	Section 14	Township 24-S	Range 33-E	Lot	Feet 405	From N/S NORTH	Feet 413	From E/W WEST	County LEA
Latitude 32.223747					Longitude 103.550321				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: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: BLUE KRAIT 23-14 FED	Well Number 31H

KZ 06/29/2018

Devon

SURVEY REPORT

Blue Krait 23-14 Fed #35H

Patterson 575

I, Deanna Jacobs, certify the surveys supplied on
Blue Krait 23-14 Fed 35H are correct and accurate to the best of my
knowledge and are supported by actual field data.

Deanna Jacobs

Date: 3/11/2020



The **Ultimate Partner** In Wellbore Placement



Devon Energy

Lea County, NM (NAD83 NME)

Blue Krait 23-14 Fed

#35H

OH

Design: As Drilled

Standard Survey Report

11 March, 2020



www.scientificdrilling.com





Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Project	Lea County, NM (NAD83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site		Blue Krait 23-14 Fed			
Site Position:		Northing:	436,115.47 usft	Latitude:	32.196523
From:	Map	Easting:	784,117.18 usft	Longitude:	-103.548475
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.42 °

Well	#35H					
Well Position	+N/-S	0.00 usft	Northing:	436,115.25 usft	Latitude:	32.196523
	+E/-W	0.00 usft	Easting:	784,087.18 usft	Longitude:	-103.548572
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,555.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	1/1/2020	6.58	59.83	47,816.60000000

Design	As Drilled				
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	356.39	

Survey Program	Date	3/11/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
146.00	22,665.00	SDI Survey #1 (OH)	MWD+HDGM	OWSG MWD + HDGM	

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	
146.00	0.36	188.48	146.00	-0.45	-0.07	-0.45	0.25	0.25	0.00	
175.00	0.42	178.75	175.00	-0.65	-0.08	-0.64	0.31	0.21	-33.55	
266.00	0.55	154.47	266.00	-1.38	0.12	-1.38	0.26	0.14	-26.68	
358.00	0.54	164.42	357.99	-2.19	0.42	-2.22	0.10	-0.01	10.82	
450.00	0.65	173.87	449.99	-3.13	0.60	-3.16	0.16	0.12	10.27	
542.00	0.65	156.65	541.98	-4.13	0.86	-4.17	0.21	0.00	-18.72	
634.00	0.88	153.94	633.97	-5.24	1.38	-5.32	0.25	0.25	-2.95	
724.00	0.64	164.37	723.96	-6.35	1.81	-6.45	0.31	-0.27	11.59	
815.00	0.63	153.65	814.96	-7.28	2.17	-7.41	0.13	-0.01	-11.78	



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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)
906.00	0.59	116.70	905.95	-7.94	2.81	-8.10	0.43	-0.04	-40.60
997.00	0.66	163.58	996.95	-8.66	3.38	-8.85	0.55	0.08	51.52
1,087.00	0.68	133.14	1,086.94	-9.52	3.92	-9.75	0.39	0.02	-33.82
1,234.00	0.57	132.40	1,233.93	-10.61	5.09	-10.91	0.08	-0.07	-0.50
1,267.00	0.47	144.45	1,266.93	-10.83	5.29	-11.14	0.45	-0.30	36.52
1,417.00	0.35	128.99	1,416.93	-11.62	6.01	-11.97	0.11	-0.08	-10.31
1,512.00	0.21	23.91	1,511.93	-11.64	6.30	-12.02	0.48	-0.15	-110.61
1,607.00	1.28	252.72	1,606.92	-11.80	5.36	-12.11	1.50	1.13	-138.09
1,701.00	3.33	273.73	1,700.84	-11.93	1.63	-12.01	2.32	2.18	22.35
1,796.00	5.44	238.37	1,795.57	-14.11	-4.96	-13.77	3.51	2.22	-37.22
1,891.00	6.14	238.24	1,890.09	-19.15	-13.11	-18.29	0.74	0.74	-0.14
1,986.00	6.67	241.07	1,984.50	-24.49	-22.26	-23.04	0.65	0.56	2.98
2,080.00	6.46	240.29	2,077.88	-29.76	-31.63	-27.70	0.24	-0.22	-0.83
2,174.00	6.52	243.95	2,171.28	-34.72	-41.02	-32.07	0.44	0.06	3.89
2,267.00	6.26	240.78	2,263.70	-39.51	-50.19	-36.27	0.47	-0.28	-3.41
2,361.00	6.08	243.97	2,357.16	-44.20	-59.13	-40.39	0.41	-0.19	3.39
2,456.00	6.11	241.38	2,451.62	-48.83	-68.09	-44.44	0.29	0.03	-2.73
2,550.00	5.95	243.49	2,545.10	-53.40	-76.84	-48.45	0.29	-0.17	2.24
2,645.00	5.88	242.45	2,639.59	-57.85	-85.56	-52.34	0.13	-0.07	-1.09
2,739.00	5.69	245.12	2,733.11	-62.04	-94.06	-55.99	0.35	-0.20	2.84
2,834.00	5.69	244.83	2,827.65	-66.02	-102.59	-59.43	0.03	0.00	-0.31
2,928.00	7.72	239.58	2,921.00	-71.20	-112.26	-63.99	2.25	2.16	-5.59
3,023.00	7.49	240.52	3,015.16	-77.48	-123.15	-69.57	0.28	-0.24	0.99
3,118.00	7.00	244.72	3,109.41	-83.00	-133.77	-74.40	0.76	-0.52	4.42
3,212.00	6.64	240.77	3,202.74	-88.10	-143.70	-78.87	0.63	-0.38	-4.20
3,307.00	6.54	234.74	3,297.11	-93.90	-152.91	-84.08	0.74	-0.11	-6.35
3,401.00	5.90	233.89	3,390.56	-99.84	-161.18	-89.49	0.69	-0.68	-0.90
3,496.00	5.58	235.76	3,485.08	-105.32	-168.94	-94.46	0.39	-0.34	1.97
3,590.00	4.80	232.58	3,578.70	-110.28	-175.84	-98.98	0.88	-0.83	-3.38
3,685.00	4.71	233.37	3,673.37	-115.02	-182.13	-103.32	0.12	-0.09	0.83
3,779.00	5.60	237.16	3,766.99	-119.81	-189.08	-107.66	1.01	0.95	4.03
3,874.00	5.35	237.28	3,861.56	-124.72	-196.70	-112.08	0.26	-0.26	0.13
3,968.00	5.38	234.34	3,955.15	-129.66	-203.97	-116.55	0.29	0.03	-3.13
4,062.00	5.15	233.81	4,048.75	-134.72	-210.96	-121.16	0.25	-0.24	-0.56
4,157.00	4.66	237.03	4,143.40	-139.33	-217.63	-125.34	0.59	-0.52	3.39
4,252.00	4.38	236.32	4,238.10	-143.44	-223.89	-129.05	0.30	-0.29	-0.75
4,346.00	4.00	237.19	4,331.85	-147.21	-229.63	-132.45	0.41	-0.40	0.93
4,441.00	2.51	231.48	4,426.70	-150.30	-234.05	-135.26	1.60	-1.57	-6.01
4,536.00	3.31	218.56	4,521.58	-153.74	-237.38	-138.48	1.08	0.84	-13.60
4,630.00	4.04	223.85	4,615.38	-158.25	-241.37	-142.73	0.86	0.78	5.63
4,724.00	3.16	216.32	4,709.20	-162.73	-245.20	-146.96	1.06	-0.94	-8.01
4,819.00	3.06	180.26	4,804.07	-167.37	-246.76	-151.50	2.03	-0.11	-37.96
4,914.00	4.05	165.44	4,898.88	-173.16	-245.93	-157.32	1.41	1.04	-15.60
5,008.00	3.20	172.56	4,992.69	-178.97	-244.75	-163.20	1.02	-0.90	7.57



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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)
5,103.00	2.35	176.27	5,087.58	-183.54	-244.28	-167.79	0.91	-0.89	3.91
5,198.00	2.15	174.25	5,182.51	-187.26	-243.98	-171.52	0.23	-0.21	-2.13
5,292.00	1.89	170.33	5,276.45	-190.54	-243.54	-174.82	0.31	-0.28	-4.17
5,386.00	2.25	183.91	5,370.39	-193.91	-243.41	-178.19	0.64	0.38	14.45
5,480.00	2.55	187.76	5,464.31	-197.83	-243.81	-182.07	0.36	0.32	4.10
5,575.00	2.55	197.93	5,559.21	-201.93	-244.75	-186.11	0.48	0.00	10.71
5,670.00	2.65	205.94	5,654.12	-205.92	-246.36	-189.99	0.40	0.11	8.43
5,765.00	2.55	194.82	5,749.02	-209.93	-247.86	-193.90	0.54	-0.11	-11.71
5,859.00	2.32	196.53	5,842.93	-213.78	-248.94	-197.67	0.26	-0.24	1.82
6,048.00	2.85	192.91	6,031.74	-222.03	-251.08	-205.77	0.29	0.28	-1.92
6,141.00	2.97	195.66	6,124.62	-226.60	-252.24	-210.26	0.20	0.13	2.96
6,236.00	2.78	207.32	6,219.50	-231.02	-253.97	-214.56	0.65	-0.20	12.27
6,330.00	2.00	248.92	6,313.43	-233.63	-256.54	-217.01	1.96	-0.83	44.26
6,425.00	1.81	289.52	6,408.38	-233.73	-259.50	-216.91	1.40	-0.20	42.74
6,519.00	1.85	316.25	6,502.33	-232.14	-261.95	-215.17	0.90	0.04	28.44
6,614.00	2.00	315.77	6,597.28	-229.84	-264.17	-212.74	0.16	0.16	-0.51
6,708.00	1.86	322.59	6,691.23	-227.45	-266.24	-210.23	0.29	-0.15	7.26
6,802.00	1.83	326.31	6,785.18	-224.99	-268.00	-207.66	0.13	-0.03	3.96
6,897.00	1.85	315.54	6,880.13	-222.64	-269.91	-205.19	0.36	0.02	-11.34
7,086.00	1.32	315.62	7,069.05	-218.90	-273.57	-201.23	0.28	-0.28	0.04
7,180.00	1.43	326.99	7,163.03	-217.14	-274.97	-199.39	0.31	0.12	12.10
7,274.00	1.37	322.26	7,257.00	-215.27	-276.30	-197.44	0.14	-0.06	-5.03
7,369.00	1.08	319.74	7,351.98	-213.69	-277.57	-195.78	0.31	-0.31	-2.65
7,462.00	0.86	321.55	7,444.96	-212.48	-278.57	-194.50	0.24	-0.24	1.95
7,557.00	0.74	316.70	7,539.96	-211.47	-279.44	-193.45	0.14	-0.13	-5.11
7,652.00	0.85	314.35	7,634.95	-210.53	-280.36	-192.45	0.12	0.12	-2.47
7,746.00	1.10	310.08	7,728.93	-209.46	-281.55	-191.31	0.28	0.27	-4.54
7,840.00	1.05	314.75	7,822.92	-208.28	-282.85	-190.04	0.11	-0.05	4.97
7,934.00	0.87	319.10	7,916.90	-207.13	-283.93	-188.83	0.21	-0.19	4.63
8,028.00	0.74	320.29	8,010.89	-206.12	-284.79	-187.77	0.14	-0.14	1.27
8,123.00	0.86	303.43	8,105.88	-205.26	-285.77	-186.85	0.28	0.13	-17.75
8,218.00	0.64	311.26	8,200.88	-204.52	-286.77	-186.04	0.25	-0.23	8.24
8,312.00	0.77	305.84	8,294.87	-203.80	-287.67	-185.27	0.16	0.14	-5.77
8,407.00	0.78	310.97	8,389.86	-203.00	-288.68	-184.41	0.07	0.01	5.40
8,501.00	0.43	268.57	8,483.86	-202.59	-289.51	-183.95	0.58	-0.37	-45.11
8,595.00	0.45	290.41	8,577.85	-202.47	-290.21	-183.79	0.18	0.02	23.23
8,689.00	0.09	289.17	8,671.85	-202.32	-290.63	-183.61	0.38	-0.38	-1.32
8,784.00	0.21	295.45	8,766.85	-202.22	-290.86	-183.49	0.13	0.13	6.61
8,878.00	0.20	259.27	8,860.85	-202.18	-291.17	-183.43	0.14	-0.01	-38.49
8,974.00	0.15	208.30	8,956.85	-202.32	-291.40	-183.56	0.16	-0.05	-53.09
9,068.00	0.24	103.90	9,050.85	-202.47	-291.26	-183.72	0.33	0.10	-111.06
9,163.00	0.40	97.05	9,145.85	-202.56	-290.74	-183.84	0.17	0.17	-7.21
9,253.00	0.42	125.56	9,235.85	-202.79	-290.16	-184.11	0.23	0.02	31.68



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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)
9,352.00	0.44	112.19	9,334.84	-203.15	-289.51	-184.50	0.10	0.02	-13.51
9,446.00	0.54	110.47	9,428.84	-203.44	-288.77	-184.84	0.11	0.11	-1.83
9,541.00	0.81	146.37	9,523.83	-204.15	-287.97	-185.61	0.51	0.28	37.79
9,635.00	0.37	205.31	9,617.83	-204.98	-287.74	-186.45	0.74	-0.47	62.70
9,730.00	0.57	237.35	9,712.83	-205.51	-288.26	-186.94	0.34	0.21	33.73
9,825.00	0.75	249.28	9,807.82	-205.99	-289.24	-187.36	0.24	0.19	12.56
9,919.00	0.69	271.77	9,901.81	-206.19	-290.39	-187.48	0.31	-0.06	23.93
10,014.00	1.42	279.10	9,996.80	-205.99	-292.12	-187.17	0.78	0.77	7.72
10,108.00	1.69	276.22	10,090.76	-205.65	-294.65	-186.68	0.30	0.29	-3.06
10,203.00	1.85	256.99	10,185.72	-205.84	-297.53	-186.69	0.64	0.17	-20.24
10,297.00	1.79	257.63	10,279.67	-206.50	-300.45	-187.16	0.07	-0.06	0.68
10,392.00	1.98	247.13	10,374.62	-207.46	-303.41	-187.93	0.41	0.20	-11.05
10,487.00	1.74	245.01	10,469.57	-208.70	-306.23	-189.00	0.26	-0.25	-2.23
10,582.00	1.99	255.36	10,564.52	-209.73	-309.13	-189.84	0.44	0.26	10.89
10,677.00	2.09	234.76	10,659.46	-211.15	-312.14	-191.06	0.77	0.11	-21.68
10,772.00	2.02	245.77	10,754.40	-212.83	-315.08	-192.56	0.42	-0.07	11.59
10,866.00	1.80	261.71	10,848.35	-213.73	-318.05	-193.26	0.61	-0.23	16.96
10,961.00	2.38	264.77	10,943.28	-214.12	-321.50	-193.44	0.62	0.61	3.22
11,054.00	2.37	257.49	11,036.20	-214.71	-325.30	-193.79	0.32	-0.01	-7.83
11,148.00	2.40	279.35	11,130.12	-214.81	-329.14	-193.65	0.96	0.03	23.26
11,243.00	2.82	283.05	11,225.03	-213.96	-333.37	-192.53	0.48	0.44	3.89
11,337.00	2.10	284.56	11,318.94	-213.01	-337.29	-191.33	0.77	-0.77	1.61
11,432.00	1.66	287.11	11,413.89	-212.17	-340.29	-190.30	0.47	-0.46	2.68
11,527.00	1.56	271.30	11,508.85	-211.73	-342.90	-189.71	0.48	-0.11	-16.64
11,621.00	1.61	279.25	11,602.81	-211.49	-345.48	-189.30	0.24	0.05	8.46
11,702.00	1.81	288.24	11,683.78	-210.91	-347.82	-188.57	0.41	0.25	11.10
11,855.00	3.89	307.29	11,836.58	-207.01	-354.25	-184.28	1.48	1.36	12.45
11,950.00	16.31	333.61	11,929.96	-193.04	-362.78	-169.81	13.62	13.07	27.71
11,995.00	23.46	337.37	11,972.25	-179.10	-369.04	-155.49	16.13	15.89	8.36
12,045.00	24.59	340.30	12,017.92	-160.12	-376.38	-136.09	3.29	2.26	5.86
12,139.00	34.57	340.21	12,099.57	-116.50	-392.04	-91.57	10.62	10.62	-0.10
12,189.00	41.87	338.50	12,138.82	-87.59	-402.97	-62.02	14.75	14.60	-3.42
12,233.00	43.09	338.99	12,171.27	-59.89	-413.74	-33.71	2.87	2.77	1.11
12,328.00	50.36	339.13	12,236.35	4.66	-438.44	32.28	7.65	7.65	0.15
12,422.00	55.03	339.46	12,293.30	74.59	-464.86	103.73	4.98	4.97	0.35
12,516.00	61.48	340.93	12,342.74	149.76	-491.90	180.46	6.99	6.86	1.56
12,610.00	71.69	345.78	12,380.06	232.31	-516.43	264.38	11.84	10.86	5.16
12,705.00	80.57	345.79	12,402.81	321.62	-539.05	354.95	9.35	9.35	0.01
12,799.00	88.66	355.34	12,411.65	413.77	-554.31	447.87	13.27	8.61	10.16
12,894.00	88.59	358.71	12,413.93	508.60	-559.24	542.82	3.55	-0.07	3.55
12,989.00	88.89	358.37	12,416.02	603.54	-561.66	637.73	0.48	0.32	-0.36
13,082.00	89.46	358.22	12,417.35	696.49	-564.43	730.67	0.63	0.61	-0.16
13,177.00	89.16	357.72	12,418.50	791.43	-567.79	825.63	0.61	-0.32	-0.53



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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)
13,271.00	90.34	357.04	12,418.91	885.32	-572.09	919.61	1.45	1.26	-0.72
13,366.00	89.97	357.61	12,418.65	980.22	-576.52	1,014.60	0.72	-0.39	0.60
13,460.00	90.13	357.51	12,418.57	1,074.14	-580.52	1,108.58	0.20	0.17	-0.11
13,555.00	89.40	357.89	12,418.96	1,169.06	-584.34	1,203.55	0.87	-0.77	0.40
13,649.00	88.93	357.74	12,420.33	1,262.98	-587.92	1,297.51	0.52	-0.50	-0.16
13,744.00	90.47	357.71	12,420.83	1,357.90	-591.69	1,392.48	1.62	1.62	-0.03
13,838.00	89.83	356.87	12,420.58	1,451.79	-596.14	1,486.47	1.12	-0.68	-0.89
13,933.00	91.64	358.93	12,419.36	1,546.71	-599.62	1,581.42	2.89	1.91	2.17
14,028.00	91.64	359.13	12,416.64	1,641.66	-601.22	1,676.28	0.21	0.00	0.21
14,122.00	92.62	358.85	12,413.15	1,735.58	-602.88	1,770.11	1.08	1.04	-0.30
14,217.00	90.87	359.34	12,410.26	1,830.52	-604.38	1,864.96	1.91	-1.84	0.52
14,312.00	89.77	359.36	12,409.73	1,925.51	-605.46	1,959.83	1.16	-1.16	0.02
14,406.00	90.00	359.58	12,409.91	2,019.51	-606.33	2,053.69	0.34	0.24	0.23
14,501.00	90.00	359.11	12,409.91	2,114.50	-607.41	2,148.57	0.49	0.00	-0.49
14,595.00	90.94	358.63	12,409.14	2,208.48	-609.27	2,242.47	1.12	1.00	-0.51
14,690.00	92.62	359.68	12,406.19	2,303.42	-610.67	2,337.31	2.09	1.77	1.11
14,785.00	90.50	1.00	12,403.61	2,398.37	-610.10	2,432.04	2.63	-2.23	1.39
14,879.00	89.73	0.19	12,403.42	2,492.36	-609.13	2,525.79	1.19	-0.82	-0.86
14,973.00	89.26	0.34	12,404.25	2,586.36	-608.69	2,619.57	0.52	-0.50	0.16
15,068.00	89.53	359.94	12,405.25	2,681.35	-608.46	2,714.36	0.51	0.28	-0.42
15,163.00	89.90	359.88	12,405.72	2,776.35	-608.61	2,809.18	0.39	0.39	-0.06
15,257.00	90.47	0.56	12,405.42	2,870.35	-608.25	2,902.97	0.94	0.61	0.72
15,398.00	89.46	1.12	12,405.50	3,011.33	-606.18	3,043.54	0.82	-0.72	0.40
15,492.00	89.33	1.39	12,406.50	3,105.30	-604.12	3,137.20	0.32	-0.14	0.29
15,587.00	89.23	0.48	12,407.69	3,200.28	-602.57	3,231.89	0.96	-0.11	-0.96
15,682.00	88.89	0.53	12,409.25	3,295.27	-601.74	3,326.63	0.36	-0.36	0.05
15,776.00	90.17	1.10	12,410.02	3,389.25	-600.40	3,420.35	1.49	1.36	0.61
15,871.00	88.75	0.00	12,410.92	3,484.24	-599.49	3,515.09	1.89	-1.49	-1.16
15,965.00	89.67	0.03	12,412.21	3,578.23	-599.46	3,608.89	0.98	0.98	0.03
16,060.00	90.47	359.37	12,412.10	3,673.23	-599.96	3,703.73	1.09	0.84	-0.69
16,155.00	91.84	359.79	12,410.18	3,768.20	-600.66	3,798.56	1.51	1.44	0.44
16,249.00	90.98	358.98	12,407.87	3,862.17	-601.66	3,892.40	1.26	-0.91	-0.86
16,343.00	91.58	359.73	12,405.77	3,956.14	-602.72	3,986.25	1.02	0.64	0.80
16,438.00	91.87	1.38	12,402.91	4,051.09	-601.80	4,080.95	1.76	0.31	1.74
16,533.00	91.64	2.00	12,400.00	4,146.00	-599.00	4,175.50	0.70	-0.24	0.65
16,627.00	91.34	2.15	12,397.55	4,239.91	-595.60	4,269.01	0.36	-0.32	0.16
16,722.00	91.54	1.96	12,395.17	4,334.81	-592.19	4,363.51	0.29	0.21	-0.20
16,816.00	90.50	1.64	12,393.49	4,428.75	-589.24	4,457.08	1.16	-1.11	-0.34
16,910.00	90.07	0.36	12,393.03	4,522.73	-587.60	4,550.77	1.44	-0.46	-1.36
17,005.00	89.97	0.37	12,392.99	4,617.73	-587.00	4,645.54	0.11	-0.11	0.01
17,099.00	89.77	358.96	12,393.21	4,711.73	-587.55	4,739.38	1.52	-0.21	-1.50
17,194.00	90.33	359.06	12,393.12	4,806.71	-589.19	4,834.28	0.60	0.59	0.11
17,288.00	89.87	358.94	12,392.96	4,900.70	-590.83	4,928.19	0.51	-0.49	-0.13
17,382.00	89.90	359.27	12,393.15	4,994.69	-592.30	5,022.08	0.35	0.03	0.35



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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)
17,476.00	90.07	357.84	12,393.17	5,088.65	-594.67	5,116.01	1.53	0.18	-1.52
17,571.00	91.07	357.48	12,392.23	5,183.57	-598.55	5,210.98	1.12	1.05	-0.38
17,665.00	91.45	357.62	12,390.16	5,277.46	-602.56	5,304.94	0.43	0.40	0.15
17,760.00	90.50	357.70	12,388.54	5,372.37	-606.44	5,399.90	1.00	-1.00	0.08
17,855.00	89.33	357.39	12,388.69	5,467.28	-610.51	5,494.88	1.27	-1.23	-0.33
17,950.00	89.33	357.22	12,389.80	5,562.17	-614.98	5,589.86	0.18	0.00	-0.18
18,044.00	91.27	357.14	12,389.30	5,656.05	-619.60	5,683.85	2.07	2.06	-0.09
18,139.00	91.47	357.70	12,387.03	5,750.92	-623.88	5,778.80	0.63	0.21	0.59
18,233.00	91.37	358.52	12,384.70	5,844.84	-626.98	5,872.73	0.88	-0.11	0.87
18,327.00	91.31	358.72	12,382.50	5,938.79	-629.24	5,966.63	0.22	-0.06	0.21
18,422.00	92.41	0.08	12,379.42	6,033.73	-630.23	6,061.45	1.84	1.16	1.43
18,516.00	92.56	0.31	12,375.35	6,127.64	-629.91	6,155.15	0.29	0.16	0.24
18,611.00	92.08	0.89	12,371.50	6,222.56	-628.92	6,249.82	0.79	-0.51	0.61
18,734.00	90.17	0.65	12,369.09	6,345.52	-627.27	6,372.43	1.57	-1.55	-0.20
18,829.00	90.13	359.97	12,368.84	6,440.51	-626.75	6,467.21	0.72	-0.04	-0.72
18,924.00	90.57	0.30	12,368.26	6,535.51	-626.53	6,562.00	0.58	0.46	0.35
19,018.00	90.40	0.78	12,367.46	6,629.50	-625.64	6,655.75	0.54	-0.18	0.51
19,113.00	90.00	1.19	12,367.13	6,724.49	-624.01	6,750.44	0.60	-0.42	0.43
19,208.00	90.17	1.70	12,366.99	6,819.46	-621.61	6,845.07	0.57	0.18	0.54
19,303.00	89.63	1.73	12,367.15	6,914.41	-618.77	6,939.66	0.57	-0.57	0.03
19,397.00	89.60	1.58	12,367.79	7,008.37	-616.06	7,033.26	0.16	-0.03	-0.16
19,492.00	89.83	2.82	12,368.26	7,103.30	-612.41	7,127.77	1.33	0.24	1.31
19,587.00	91.00	359.70	12,367.57	7,198.26	-610.32	7,222.41	3.51	1.23	-3.28
19,682.00	91.00	0.00	12,365.91	7,293.25	-610.57	7,317.22	0.32	0.00	0.32
19,776.00	91.21	0.48	12,364.10	7,387.23	-610.18	7,410.99	0.56	0.22	0.51
19,871.00	91.07	0.45	12,362.21	7,482.21	-609.41	7,505.74	0.15	-0.15	-0.03
19,966.00	90.70	1.28	12,360.74	7,577.18	-607.97	7,600.43	0.96	-0.39	0.87
20,060.00	90.74	1.24	12,359.56	7,671.15	-605.90	7,694.09	0.06	0.04	-0.04
20,155.00	90.13	2.03	12,358.84	7,766.11	-603.19	7,788.68	1.05	-0.64	0.83
20,250.00	89.16	1.92	12,359.43	7,861.05	-599.92	7,883.23	1.03	-1.02	-0.12
20,344.00	89.93	2.83	12,360.17	7,954.96	-596.02	7,976.71	1.27	0.82	0.97
20,438.00	90.64	359.54	12,359.71	8,048.93	-594.08	8,070.37	3.58	0.76	-3.50
20,533.00	89.66	359.44	12,359.46	8,143.92	-594.93	8,165.23	1.04	-1.03	-0.11
20,627.00	89.10	359.08	12,360.47	8,237.91	-596.14	8,259.10	0.71	-0.60	-0.38
20,722.00	89.70	358.02	12,361.47	8,332.87	-598.54	8,354.03	1.28	0.63	-1.12
20,816.00	89.49	358.35	12,362.13	8,426.82	-601.52	8,447.98	0.42	-0.22	0.35
20,911.00	91.57	358.97	12,361.26	8,521.79	-603.74	8,542.90	2.28	2.19	0.65
21,005.00	91.11	359.09	12,359.06	8,615.75	-605.33	8,636.77	0.51	-0.49	0.13
21,100.00	91.14	358.85	12,357.19	8,710.71	-607.04	8,731.65	0.25	0.03	-0.25
21,195.00	91.52	359.46	12,354.99	8,805.68	-608.44	8,826.52	0.76	0.40	0.64
21,289.00	91.34	0.08	12,352.64	8,899.65	-608.82	8,920.32	0.69	-0.19	0.66
21,384.00	91.35	359.19	12,350.41	8,994.62	-609.42	9,015.14	0.94	0.01	-0.94
21,478.00	90.97	358.42	12,348.51	9,088.58	-611.38	9,109.04	0.91	-0.40	-0.82



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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)	
21,572.00	90.70	358.77	12,347.14	9,182.54	-613.69	9,202.96	0.47	-0.29	0.37	
21,667.00	90.27	358.31	12,346.33	9,277.50	-616.11	9,297.89	0.66	-0.45	-0.48	
21,761.00	90.07	359.51	12,346.06	9,371.49	-617.90	9,391.80	1.29	-0.21	1.28	
21,856.00	89.13	0.67	12,346.72	9,466.48	-617.75	9,486.59	1.57	-0.99	1.22	
21,951.00	90.10	0.55	12,347.36	9,561.47	-616.74	9,581.33	1.03	1.02	-0.13	
22,045.00	90.13	1.25	12,347.17	9,655.46	-615.26	9,675.04	0.75	0.03	0.74	
22,140.00	91.27	359.99	12,346.01	9,750.44	-614.23	9,769.77	1.79	1.20	-1.33	
22,234.00	91.81	0.37	12,343.48	9,844.41	-613.94	9,863.53	0.70	0.57	0.40	
22,328.00	92.65	0.84	12,339.82	9,938.33	-612.95	9,957.20	1.02	0.89	0.50	
22,422.00	93.90	1.38	12,334.45	10,032.16	-611.13	10,050.73	1.45	1.33	0.57	
22,517.00	93.69	1.20	12,328.17	10,126.93	-608.99	10,145.17	0.29	-0.22	-0.19	
22,598.00	93.70	1.26	12,322.95	10,207.74	-607.26	10,225.72	0.08	0.01	0.08	
100 FNL Proj LTP 22598 MD										
22,610.00	93.70	1.27	12,322.17	10,219.71	-606.99	10,237.65	0.08	0.01	0.08	
22,665.00	93.70	1.27	12,318.62	10,274.58	-605.78	10,292.34	0.00	0.00	0.00	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
22,598.00	12,322.95	10,207.74	-607.26	100 FNL Proj LTP 22598 MD	

Checked By: _____ Approved By: _____ Date: _____



Devon Energy

Lea County, NM (NAD83 NME)

Blue Krait 23-14 Fed

#35H

OH

Design: As Drilled

Survey Report - Geographic

11 March, 2020



www.scientificdrilling.com





Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Project	Lea County, NM (NAD83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site		Blue Krait 23-14 Fed			
Site Position:		Northing:	436,115.47 usft	Latitude:	32.196523
From:	Map	Easting:	784,117.18 usft	Longitude:	-103.548475
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.42 °

Well	#35H					
Well Position	+N/-S	0.00 usft	Northing:	436,115.25 usft	Latitude:	32.196523
	+E/-W	0.00 usft	Easting:	784,087.18 usft	Longitude:	-103.548572
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,555.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	1/1/2020	6.58	59.83	47,816.60000000

Design	As Drilled				
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	356.39	

Survey Program	Date	3/11/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
146.00	22,665.00	SDI Survey #1 (OH)	MWD+HDGM	OWSG MWD + HDGM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	436,115.25	784,087.18	32.196523	-103.548572
146.00	0.36	188.48	146.00	-0.45	-0.07	436,114.80	784,087.11	32.196522	-103.548572
175.00	0.42	178.75	175.00	-0.65	-0.08	436,114.60	784,087.10	32.196521	-103.548572
266.00	0.55	154.47	266.00	-1.38	0.12	436,113.87	784,087.29	32.196519	-103.548572
358.00	0.54	164.42	357.99	-2.19	0.42	436,113.06	784,087.60	32.196517	-103.548571
450.00	0.65	173.87	449.99	-3.13	0.60	436,112.12	784,087.77	32.196514	-103.548570
542.00	0.65	156.65	541.98	-4.13	0.86	436,111.12	784,088.04	32.196512	-103.548569
634.00	0.88	153.94	633.97	-5.24	1.38	436,110.01	784,088.55	32.196509	-103.548568
724.00	0.64	164.37	723.96	-6.35	1.81	436,108.90	784,088.99	32.196506	-103.548566
815.00	0.63	153.65	814.96	-7.28	2.17	436,107.97	784,089.35	32.196503	-103.548565
906.00	0.59	116.70	905.95	-7.94	2.81	436,107.31	784,089.99	32.196501	-103.548563
997.00	0.66	163.58	996.95	-8.66	3.38	436,106.59	784,090.56	32.196499	-103.548561



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,087.00	0.68	133.14	1,086.94	-9.52	3.92	436,105.73	784,091.09	32.196497	-103.548560
1,234.00	0.57	132.40	1,233.93	-10.61	5.09	436,104.64	784,092.27	32.196494	-103.548556
1,267.00	0.47	144.45	1,266.93	-10.83	5.29	436,104.42	784,092.47	32.196493	-103.548555
1,417.00	0.35	128.99	1,416.93	-11.62	6.01	436,103.63	784,093.18	32.196491	-103.548553
1,512.00	0.21	23.91	1,511.93	-11.64	6.30	436,103.61	784,093.48	32.196491	-103.548552
1,607.00	1.28	252.72	1,606.92	-11.80	5.36	436,103.45	784,092.54	32.196491	-103.548555
1,701.00	3.33	273.73	1,700.84	-11.93	1.63	436,103.32	784,088.81	32.196490	-103.548567
1,796.00	5.44	238.37	1,795.57	-14.11	-4.96	436,101.14	784,082.22	32.196484	-103.548589
1,891.00	6.14	238.24	1,890.09	-19.15	-13.11	436,096.10	784,074.07	32.196471	-103.548615
1,986.00	6.67	241.07	1,984.50	-24.49	-22.26	436,090.76	784,064.92	32.196456	-103.548645
2,080.00	6.46	240.29	2,077.88	-29.76	-31.63	436,085.50	784,055.55	32.196442	-103.548675
2,174.00	6.52	243.95	2,171.28	-34.72	-41.02	436,080.53	784,046.16	32.196428	-103.548706
2,267.00	6.26	240.78	2,263.70	-39.51	-50.19	436,075.74	784,036.99	32.196415	-103.548735
2,361.00	6.08	243.97	2,357.16	-44.20	-59.13	436,071.05	784,028.05	32.196403	-103.548764
2,456.00	6.11	241.38	2,451.62	-48.83	-68.09	436,066.42	784,019.09	32.196390	-103.548793
2,550.00	5.95	243.49	2,545.10	-53.40	-76.84	436,061.85	784,010.34	32.196378	-103.548822
2,645.00	5.88	242.45	2,639.59	-57.85	-85.56	436,057.40	784,001.62	32.196366	-103.548850
2,739.00	5.69	245.12	2,733.11	-62.04	-94.06	436,053.21	783,993.12	32.196354	-103.548878
2,834.00	5.69	244.83	2,827.65	-66.02	-102.59	436,049.23	783,984.59	32.196344	-103.548905
2,928.00	7.72	239.58	2,921.00	-71.20	-112.26	436,044.05	783,974.92	32.196330	-103.548937
3,023.00	7.49	240.52	3,015.16	-77.48	-123.15	436,037.77	783,964.03	32.196313	-103.548972
3,118.00	7.00	244.72	3,109.41	-83.00	-133.77	436,032.25	783,953.41	32.196298	-103.549007
3,212.00	6.64	240.77	3,202.74	-88.10	-143.70	436,027.15	783,943.49	32.196284	-103.549039
3,307.00	6.54	234.74	3,297.11	-93.90	-152.91	436,021.35	783,934.28	32.196268	-103.549069
3,401.00	5.90	233.89	3,390.56	-99.84	-161.18	436,015.41	783,926.00	32.196252	-103.549096
3,496.00	5.58	235.76	3,485.08	-105.32	-168.94	436,009.94	783,918.24	32.196237	-103.549121
3,590.00	4.80	232.58	3,578.70	-110.28	-175.84	436,004.97	783,911.34	32.196223	-103.549143
3,685.00	4.71	233.37	3,673.37	-115.02	-182.13	436,000.23	783,905.05	32.196211	-103.549164
3,779.00	5.60	237.16	3,766.99	-119.81	-189.08	435,995.44	783,898.10	32.196198	-103.549186
3,874.00	5.35	237.28	3,861.56	-124.72	-196.70	435,990.54	783,890.48	32.196184	-103.549211
3,968.00	5.38	234.34	3,955.15	-129.66	-203.97	435,985.60	783,883.21	32.196171	-103.549235
4,062.00	5.15	233.81	4,048.75	-134.72	-210.96	435,980.54	783,876.23	32.196157	-103.549257
4,157.00	4.66	237.03	4,143.40	-139.33	-217.63	435,975.92	783,869.55	32.196144	-103.549279
4,252.00	4.38	236.32	4,238.10	-143.44	-223.89	435,971.81	783,863.29	32.196133	-103.549299
4,346.00	4.00	237.19	4,331.85	-147.21	-229.63	435,968.04	783,857.55	32.196123	-103.549318
4,441.00	2.51	231.48	4,426.70	-150.30	-234.05	435,964.95	783,853.14	32.196115	-103.549332
4,536.00	3.31	218.56	4,521.58	-153.74	-237.38	435,961.51	783,849.80	32.196105	-103.549343
4,630.00	4.04	223.85	4,615.38	-158.25	-241.37	435,957.00	783,845.81	32.196093	-103.549356
4,724.00	3.16	216.32	4,709.20	-162.73	-245.20	435,952.52	783,841.99	32.196081	-103.549369
4,819.00	3.06	180.26	4,804.07	-167.37	-246.76	435,947.88	783,840.42	32.196068	-103.549374
4,914.00	4.05	165.44	4,898.88	-173.16	-245.93	435,942.10	783,841.26	32.196052	-103.549371
5,008.00	3.20	172.56	4,992.69	-178.97	-244.75	435,936.28	783,842.43	32.196036	-103.549368
5,103.00	2.35	176.27	5,087.58	-183.54	-244.28	435,931.71	783,842.90	32.196023	-103.549366
5,198.00	2.15	174.25	5,182.51	-187.26	-243.98	435,927.99	783,843.21	32.196013	-103.549365
5,292.00	1.89	170.33	5,276.45	-190.54	-243.54	435,924.71	783,843.64	32.196004	-103.549364
5,386.00	2.25	183.91	5,370.39	-193.91	-243.41	435,921.34	783,843.78	32.195995	-103.549364
5,480.00	2.55	187.76	5,464.31	-197.83	-243.81	435,917.43	783,843.37	32.195984	-103.549365
5,575.00	2.55	197.93	5,559.21	-201.93	-244.75	435,913.32	783,842.43	32.195973	-103.549368
5,670.00	2.65	205.94	5,654.12	-205.92	-246.36	435,909.34	783,840.82	32.195962	-103.549373
5,765.00	2.55	194.82	5,749.02	-209.93	-247.86	435,905.32	783,839.32	32.195951	-103.549378
5,859.00	2.32	196.53	5,842.93	-213.78	-248.94	435,901.48	783,838.24	32.195940	-103.549382
6,048.00	2.85	192.91	6,031.74	-222.03	-251.08	435,893.23	783,836.11	32.195918	-103.549389
6,141.00	2.97	195.66	6,124.62	-226.60	-252.24	435,888.65	783,834.94	32.195905	-103.549393
6,236.00	2.78	207.32	6,219.50	-231.02	-253.97	435,884.24	783,833.22	32.195893	-103.549399
6,330.00	2.00	248.92	6,313.43	-233.63	-256.54	435,881.62	783,830.64	32.195886	-103.549407



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,425.00	1.81	289.52	6,408.38	-233.73	-259.50	435,881.53	783,827.68	32.195886	-103.549417
6,519.00	1.85	316.25	6,502.33	-232.14	-261.95	435,883.12	783,825.23	32.195890	-103.549424
6,614.00	2.00	315.77	6,597.28	-229.84	-264.17	435,885.42	783,823.01	32.195897	-103.549431
6,708.00	1.86	322.59	6,691.23	-227.45	-266.24	435,887.80	783,820.94	32.195903	-103.549438
6,802.00	1.83	326.31	6,785.18	-224.99	-268.00	435,890.26	783,819.18	32.195910	-103.549444
6,897.00	1.85	315.54	6,880.13	-222.64	-269.91	435,892.62	783,817.27	32.195917	-103.549450
7,086.00	1.32	315.62	7,069.05	-218.90	-273.57	435,896.35	783,813.61	32.195927	-103.549462
7,180.00	1.43	326.99	7,163.03	-217.14	-274.97	435,898.11	783,812.21	32.195932	-103.549466
7,274.00	1.37	322.26	7,257.00	-215.27	-276.30	435,899.98	783,810.89	32.195937	-103.549470
7,369.00	1.08	319.74	7,351.98	-213.69	-277.57	435,901.56	783,809.61	32.195941	-103.549474
7,462.00	0.86	321.55	7,444.96	-212.48	-278.57	435,902.78	783,808.61	32.195945	-103.549478
7,557.00	0.74	316.70	7,539.96	-211.47	-279.44	435,903.78	783,807.75	32.195947	-103.549480
7,652.00	0.85	314.35	7,634.95	-210.53	-280.36	435,904.72	783,806.82	32.195950	-103.549483
7,746.00	1.10	310.08	7,728.93	-209.46	-281.55	435,905.79	783,805.63	32.195953	-103.549487
7,840.00	1.05	314.75	7,822.92	-208.28	-282.85	435,906.98	783,804.33	32.195956	-103.549491
7,934.00	0.87	319.10	7,916.90	-207.13	-283.93	435,908.12	783,803.25	32.195959	-103.549495
8,028.00	0.74	320.29	8,010.89	-206.12	-284.79	435,909.13	783,802.40	32.195962	-103.549498
8,123.00	0.86	303.43	8,105.88	-205.26	-285.77	435,910.00	783,801.41	32.195965	-103.549501
8,218.00	0.64	311.26	8,200.88	-204.52	-286.77	435,910.74	783,800.42	32.195967	-103.549504
8,312.00	0.77	305.84	8,294.87	-203.80	-287.67	435,911.45	783,799.51	32.195969	-103.549507
8,407.00	0.78	310.97	8,389.86	-203.00	-288.68	435,912.25	783,798.51	32.195971	-103.549510
8,501.00	0.43	268.57	8,483.86	-202.59	-289.51	435,912.66	783,797.67	32.195972	-103.549513
8,595.00	0.45	290.41	8,577.85	-202.47	-290.21	435,912.78	783,796.97	32.195972	-103.549515
8,689.00	0.09	289.17	8,671.85	-202.32	-290.63	435,912.94	783,796.56	32.195973	-103.549516
8,784.00	0.21	295.45	8,766.85	-202.22	-290.86	435,913.03	783,796.33	32.195973	-103.549517
8,878.00	0.20	259.27	8,860.85	-202.18	-291.17	435,913.08	783,796.01	32.195973	-103.549518
8,974.00	0.15	208.30	8,956.85	-202.32	-291.40	435,912.94	783,795.79	32.195973	-103.549519
9,068.00	0.24	103.90	9,050.85	-202.47	-291.26	435,912.78	783,795.92	32.195972	-103.549518
9,163.00	0.40	97.05	9,145.85	-202.56	-290.74	435,912.69	783,796.44	32.195972	-103.549517
9,253.00	0.42	125.56	9,235.85	-202.79	-290.16	435,912.46	783,797.02	32.195971	-103.549515
9,352.00	0.44	112.19	9,334.84	-203.15	-289.51	435,912.11	783,797.67	32.195971	-103.549513
9,446.00	0.54	110.47	9,428.84	-203.44	-288.77	435,911.82	783,798.42	32.195970	-103.549510
9,541.00	0.81	146.37	9,523.83	-204.15	-287.97	435,911.10	783,799.21	32.195968	-103.549508
9,635.00	0.37	205.31	9,617.83	-204.98	-287.74	435,910.27	783,799.45	32.195965	-103.549507
9,730.00	0.57	237.35	9,712.83	-205.51	-288.26	435,909.74	783,798.92	32.195964	-103.549509
9,825.00	0.75	249.28	9,807.82	-205.99	-289.24	435,909.27	783,797.94	32.195963	-103.549512
9,919.00	0.69	271.77	9,901.81	-206.19	-290.39	435,909.07	783,796.80	32.195962	-103.549516
10,014.00	1.42	279.10	9,996.80	-205.99	-292.12	435,909.27	783,795.06	32.195963	-103.549521
10,108.00	1.69	276.22	10,090.76	-205.65	-294.65	435,909.60	783,792.54	32.195964	-103.549529
10,203.00	1.85	256.99	10,185.72	-205.84	-297.53	435,909.41	783,789.65	32.195963	-103.549539
10,297.00	1.79	257.63	10,279.67	-206.50	-300.45	435,908.75	783,786.74	32.195962	-103.549548
10,392.00	1.98	247.13	10,374.62	-207.46	-303.41	435,907.80	783,783.78	32.195959	-103.549558
10,487.00	1.74	245.01	10,469.57	-208.70	-306.23	435,906.55	783,780.96	32.195956	-103.549567
10,582.00	1.99	255.36	10,564.52	-209.73	-309.13	435,905.52	783,778.05	32.195953	-103.549576
10,677.00	2.09	234.76	10,659.46	-211.15	-312.14	435,904.11	783,775.04	32.195949	-103.549586
10,772.00	2.02	245.77	10,754.40	-212.83	-315.08	435,902.42	783,772.10	32.195944	-103.549596
10,866.00	1.80	261.71	10,848.35	-213.73	-318.05	435,901.53	783,769.13	32.195942	-103.549605
10,961.00	2.38	264.77	10,943.28	-214.12	-321.50	435,901.13	783,765.69	32.195941	-103.549616
11,054.00	2.37	257.49	11,036.20	-214.71	-325.30	435,900.54	783,761.89	32.195939	-103.549629
11,148.00	2.40	279.35	11,130.12	-214.81	-329.14	435,900.44	783,758.05	32.195939	-103.549641
11,243.00	2.82	283.05	11,225.03	-213.96	-333.37	435,901.29	783,753.81	32.195942	-103.549655
11,337.00	2.10	284.56	11,318.94	-213.01	-337.29	435,902.25	783,749.89	32.195944	-103.549667
11,432.00	1.66	287.11	11,413.89	-212.17	-340.29	435,903.09	783,746.89	32.195947	-103.549677
11,527.00	1.56	271.30	11,508.85	-211.73	-342.90	435,903.52	783,744.28	32.195948	-103.549686
11,621.00	1.61	279.25	11,602.81	-211.49	-345.48	435,903.76	783,741.70	32.195949	-103.549694



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,702.00	1.81	288.24	11,683.78	-210.91	-347.82	435,904.35	783,739.36	32.195950	-103.549701
11,855.00	3.89	307.29	11,836.58	-207.01	-354.25	435,908.25	783,732.94	32.195961	-103.549722
11,950.00	16.31	333.61	11,929.96	-193.04	-362.78	435,922.21	783,724.41	32.196000	-103.549749
11,995.00	23.46	337.37	11,972.25	-179.10	-369.04	435,936.16	783,718.15	32.196038	-103.549769
12,045.00	24.59	340.30	12,017.92	-160.12	-376.38	435,955.14	783,710.81	32.196091	-103.549793
12,139.00	34.57	340.21	12,099.57	-116.50	-392.04	435,998.75	783,695.15	32.196211	-103.549842
12,189.00	41.87	338.50	12,138.82	-87.59	-402.97	436,027.66	783,684.22	32.196290	-103.549877
12,233.00	43.09	338.99	12,171.27	-59.89	-413.74	436,055.36	783,673.45	32.196367	-103.549911
12,328.00	50.36	339.13	12,236.35	4.66	-438.44	436,119.91	783,648.75	32.196545	-103.549989
12,422.00	55.03	339.46	12,293.30	74.59	-464.86	436,189.83	783,622.33	32.196737	-103.550073
12,516.00	61.48	340.93	12,342.74	149.76	-491.90	436,265.01	783,595.29	32.196945	-103.550159
12,610.00	71.69	345.78	12,380.06	232.31	-516.43	436,347.55	783,570.76	32.197172	-103.550236
12,705.00	80.57	345.79	12,402.81	321.62	-539.05	436,436.87	783,548.14	32.197418	-103.550307
12,799.00	88.66	355.34	12,411.65	413.77	-554.31	436,529.01	783,532.88	32.197671	-103.550354
12,894.00	88.59	358.71	12,413.93	508.60	-559.24	436,623.84	783,527.95	32.197932	-103.550368
12,989.00	88.89	358.37	12,416.02	603.54	-561.66	436,718.78	783,525.53	32.198193	-103.550374
13,082.00	89.46	358.22	12,417.35	696.49	-564.43	436,811.73	783,522.76	32.198449	-103.550380
13,177.00	89.16	357.72	12,418.50	791.43	-567.79	436,906.66	783,519.40	32.198710	-103.550389
13,271.00	90.34	357.04	12,418.91	885.32	-572.09	437,000.55	783,515.10	32.198968	-103.550401
13,366.00	89.97	357.61	12,418.65	980.22	-576.52	437,095.45	783,510.67	32.199229	-103.550413
13,460.00	90.13	357.51	12,418.57	1,074.14	-580.52	437,189.36	783,506.67	32.199487	-103.550423
13,555.00	89.40	357.89	12,418.96	1,169.06	-584.34	437,284.28	783,502.85	32.199748	-103.550433
13,649.00	88.93	357.74	12,420.33	1,262.98	-587.92	437,378.20	783,499.27	32.200006	-103.550443
13,744.00	90.47	357.71	12,420.83	1,357.90	-591.69	437,473.12	783,495.50	32.200267	-103.550453
13,838.00	89.83	356.87	12,420.58	1,451.79	-596.14	437,567.01	783,491.06	32.200525	-103.550465
13,933.00	91.64	358.93	12,419.36	1,546.71	-599.62	437,661.93	783,487.57	32.200786	-103.550474
14,028.00	91.64	359.13	12,416.64	1,641.66	-601.22	437,756.87	783,485.97	32.201047	-103.550477
14,122.00	92.62	358.85	12,413.15	1,735.58	-602.88	437,850.79	783,484.31	32.201306	-103.550480
14,217.00	90.87	359.34	12,410.26	1,830.52	-604.38	437,945.73	783,482.81	32.201567	-103.550483
14,312.00	89.77	359.36	12,409.73	1,925.51	-605.46	438,040.71	783,481.73	32.201828	-103.550484
14,406.00	90.00	359.58	12,409.91	2,019.51	-606.33	438,134.71	783,480.86	32.202086	-103.550485
14,501.00	90.00	359.11	12,409.91	2,114.50	-607.41	438,229.70	783,479.78	32.202347	-103.550486
14,595.00	90.94	358.63	12,409.14	2,208.48	-609.27	438,323.67	783,477.93	32.202605	-103.550490
14,690.00	92.62	359.68	12,406.19	2,303.42	-610.67	438,418.61	783,476.52	32.202866	-103.550492
14,785.00	90.50	1.00	12,403.61	2,398.37	-610.10	438,513.56	783,477.09	32.203127	-103.550488
14,879.00	89.73	0.19	12,403.42	2,492.36	-609.13	438,607.56	783,478.06	32.203386	-103.550482
14,973.00	89.26	0.34	12,404.25	2,586.36	-608.69	438,701.55	783,478.50	32.203644	-103.550479
15,068.00	89.53	359.94	12,405.25	2,681.35	-608.46	438,796.54	783,478.73	32.203905	-103.550476
15,163.00	89.90	359.88	12,405.72	2,776.35	-608.61	438,891.54	783,478.58	32.204166	-103.550474
15,257.00	90.47	0.56	12,405.42	2,870.35	-608.25	438,985.53	783,478.94	32.204425	-103.550471
15,398.00	89.46	1.12	12,405.50	3,011.33	-606.18	439,126.51	783,481.01	32.204812	-103.550461
15,492.00	89.33	1.39	12,406.50	3,105.30	-604.12	439,220.48	783,483.07	32.205070	-103.550452
15,587.00	89.23	0.48	12,407.69	3,200.28	-602.57	439,315.46	783,484.62	32.205331	-103.550445
15,682.00	88.89	0.53	12,409.25	3,295.27	-601.74	439,410.44	783,485.46	32.205592	-103.550440
15,776.00	90.17	1.10	12,410.02	3,389.25	-600.40	439,504.42	783,486.79	32.205851	-103.550433
15,871.00	88.75	0.00	12,410.92	3,484.24	-599.49	439,599.41	783,487.71	32.206112	-103.550428
15,965.00	89.67	0.03	12,412.21	3,578.23	-599.46	439,693.39	783,487.73	32.206370	-103.550426
16,060.00	90.47	359.37	12,412.10	3,673.23	-599.96	439,788.39	783,487.23	32.206631	-103.550425
16,155.00	91.84	359.79	12,410.18	3,768.20	-600.66	439,883.36	783,486.54	32.206892	-103.550425
16,249.00	90.98	358.98	12,407.87	3,862.17	-601.66	439,977.33	783,485.53	32.207151	-103.550426
16,343.00	91.58	359.73	12,405.77	3,956.14	-602.72	440,071.29	783,484.47	32.207409	-103.550427
16,438.00	91.87	1.38	12,402.91	4,051.09	-601.80	440,166.24	783,485.39	32.207670	-103.550422
16,533.00	91.64	2.00	12,400.00	4,146.00	-599.00	440,261.15	783,488.19	32.207931	-103.550411
16,627.00	91.34	2.15	12,397.55	4,239.91	-595.60	440,355.06	783,491.59	32.208189	-103.550398
16,722.00	91.54	1.96	12,395.17	4,334.81	-592.19	440,449.96	783,495.00	32.208450	-103.550384



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,816.00	90.50	1.64	12,393.49	4,428.75	-589.24	440,543.90	783,497.95	32.208708	-103.550373
16,910.00	90.07	0.36	12,393.03	4,522.73	-587.60	440,637.88	783,499.59	32.208966	-103.550365
17,005.00	89.97	0.37	12,392.99	4,617.73	-587.00	440,732.87	783,500.19	32.209227	-103.550361
17,099.00	89.77	358.96	12,393.21	4,711.73	-587.55	440,826.87	783,499.65	32.209485	-103.550360
17,194.00	90.33	359.06	12,393.12	4,806.71	-589.19	440,921.85	783,498.00	32.209747	-103.550364
17,288.00	89.87	358.94	12,392.96	4,900.70	-590.83	441,015.83	783,496.36	32.210005	-103.550367
17,382.00	89.90	359.27	12,393.15	4,994.69	-592.30	441,109.82	783,494.90	32.210263	-103.550369
17,476.00	90.07	357.84	12,393.17	5,088.65	-594.67	441,203.78	783,492.52	32.210522	-103.550375
17,571.00	91.07	357.48	12,392.23	5,183.57	-598.55	441,298.70	783,488.65	32.210783	-103.550385
17,665.00	91.45	357.62	12,390.16	5,277.46	-602.56	441,392.59	783,484.63	32.211041	-103.550396
17,760.00	90.50	357.70	12,388.54	5,372.37	-606.44	441,487.49	783,480.75	32.211302	-103.550406
17,855.00	89.33	357.39	12,388.69	5,467.28	-610.51	441,582.40	783,476.68	32.211563	-103.550417
17,950.00	89.33	357.22	12,389.80	5,562.17	-614.98	441,677.28	783,472.22	32.211824	-103.550429
18,044.00	91.27	357.14	12,389.30	5,656.05	-619.60	441,771.16	783,467.59	32.212082	-103.550442
18,139.00	91.47	357.70	12,387.03	5,750.92	-623.88	441,866.04	783,463.32	32.212343	-103.550453
18,233.00	91.37	358.52	12,384.70	5,844.84	-626.98	441,959.95	783,460.22	32.212601	-103.550461
18,327.00	91.31	358.72	12,382.50	5,938.79	-629.24	442,053.90	783,457.95	32.212859	-103.550466
18,422.00	92.41	0.08	12,379.42	6,033.73	-630.23	442,148.84	783,456.96	32.213120	-103.550467
18,516.00	92.56	0.31	12,375.35	6,127.64	-629.91	442,242.75	783,457.28	32.213378	-103.550464
18,611.00	92.08	0.89	12,371.50	6,222.56	-628.92	442,337.66	783,458.27	32.213639	-103.550459
18,734.00	90.17	0.65	12,369.09	6,345.52	-627.27	442,460.62	783,459.93	32.213977	-103.550450
18,829.00	90.13	359.97	12,368.84	6,440.51	-626.75	442,555.61	783,460.44	32.214238	-103.550446
18,924.00	90.57	0.30	12,368.26	6,535.51	-626.53	442,650.61	783,460.66	32.214499	-103.550444
19,018.00	90.40	0.78	12,367.46	6,629.50	-625.64	442,744.60	783,461.55	32.214757	-103.550438
19,113.00	90.00	1.19	12,367.13	6,724.49	-624.01	442,839.58	783,463.18	32.215018	-103.550431
19,208.00	90.17	1.70	12,366.99	6,819.46	-621.61	442,934.55	783,465.58	32.215279	-103.550421
19,303.00	89.63	1.73	12,367.15	6,914.41	-618.77	443,029.50	783,468.42	32.215540	-103.550410
19,397.00	89.60	1.58	12,367.79	7,008.37	-616.06	443,123.46	783,471.14	32.215799	-103.550399
19,492.00	89.83	2.82	12,368.26	7,103.30	-612.41	443,218.38	783,474.78	32.216059	-103.550385
19,587.00	91.00	359.70	12,367.57	7,198.26	-610.32	443,313.34	783,476.87	32.216320	-103.550376
19,682.00	91.00	0.00	12,365.91	7,293.25	-610.57	443,408.32	783,476.62	32.216581	-103.550374
19,776.00	91.21	0.48	12,364.10	7,387.23	-610.18	443,502.30	783,477.02	32.216840	-103.550371
19,871.00	91.07	0.45	12,362.21	7,482.21	-609.41	443,597.28	783,477.79	32.217101	-103.550366
19,966.00	90.70	1.28	12,360.74	7,577.18	-607.97	443,692.25	783,479.22	32.217362	-103.550359
20,060.00	90.74	1.24	12,359.56	7,671.15	-605.90	443,786.22	783,481.29	32.217620	-103.550350
20,155.00	90.13	2.03	12,358.84	7,766.11	-603.19	443,881.18	783,484.00	32.217881	-103.550339
20,250.00	89.16	1.92	12,359.43	7,861.05	-599.92	443,976.12	783,487.27	32.218142	-103.550326
20,344.00	89.93	2.83	12,360.17	7,954.96	-596.02	444,070.03	783,491.17	32.218400	-103.550311
20,438.00	90.64	359.54	12,359.71	8,048.93	-594.08	444,163.99	783,493.11	32.218658	-103.550303
20,533.00	89.66	359.44	12,359.46	8,143.92	-594.93	444,258.98	783,492.26	32.218919	-103.550303
20,627.00	89.10	359.08	12,360.47	8,237.91	-596.14	444,352.97	783,491.05	32.219178	-103.550305
20,722.00	89.70	358.02	12,361.47	8,332.87	-598.54	444,447.93	783,488.65	32.219439	-103.550311
20,816.00	89.49	358.35	12,362.13	8,426.82	-601.52	444,541.88	783,485.67	32.219697	-103.550318
20,911.00	91.57	358.97	12,361.26	8,521.79	-603.74	444,636.84	783,483.45	32.219958	-103.550323
21,005.00	91.11	359.09	12,359.06	8,615.75	-605.33	444,730.80	783,481.86	32.220216	-103.550326
21,100.00	91.14	358.85	12,357.19	8,710.71	-607.04	444,825.76	783,480.15	32.220477	-103.550329
21,195.00	91.52	359.46	12,354.99	8,805.68	-608.44	444,920.72	783,478.75	32.220738	-103.550332
21,289.00	91.34	0.08	12,352.64	8,899.65	-608.82	445,014.69	783,478.37	32.220997	-103.550331
21,384.00	91.35	359.19	12,350.41	8,994.62	-609.42	445,109.66	783,477.77	32.221258	-103.550330
21,478.00	90.97	358.42	12,348.51	9,088.58	-611.38	445,203.61	783,475.81	32.221516	-103.550334
21,572.00	90.70	358.77	12,347.14	9,182.54	-613.69	445,297.57	783,473.50	32.221774	-103.550340
21,667.00	90.27	358.31	12,346.33	9,277.50	-616.11	445,392.54	783,471.08	32.222035	-103.550345
21,761.00	90.07	359.51	12,346.06	9,371.49	-617.90	445,486.52	783,469.29	32.222294	-103.550349
21,856.00	89.13	0.67	12,346.72	9,466.48	-617.75	445,581.51	783,469.44	32.222555	-103.550346
21,951.00	90.10	0.55	12,347.36	9,561.47	-616.74	445,676.50	783,470.46	32.222816	-103.550341



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #35H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Site:	Blue Krait 23-14 Fed	MD Reference:	KB = 25' @ 3580.00usft (Patterson 595)
Well:	#35H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
22,045.00	90.13	1.25	12,347.17	9,655.46	-615.26	445,770.48	783,471.93	32.223074	-103.550334
22,140.00	91.27	359.99	12,346.01	9,750.44	-614.23	445,865.46	783,472.96	32.223335	-103.550328
22,234.00	91.81	0.37	12,343.48	9,844.41	-613.94	445,959.43	783,473.26	32.223594	-103.550325
22,328.00	92.65	0.84	12,339.82	9,938.33	-612.95	446,053.35	783,474.25	32.223852	-103.550319
22,422.00	93.90	1.38	12,334.45	10,032.16	-611.13	446,147.17	783,476.06	32.224110	-103.550311
22,517.00	93.69	1.20	12,328.17	10,126.93	-608.99	446,241.94	783,478.20	32.224370	-103.550302
22,598.00	93.70	1.26	12,322.95	10,207.74	-607.26	446,322.75	783,479.93	32.224592	-103.550295
100 FNL Proj LTP 22598 MD									
22,610.00	93.70	1.27	12,322.17	10,219.71	-606.99	446,334.72	783,480.20	32.224625	-103.550294
22,665.00	93.70	1.27	12,318.62	10,274.58	-605.78	446,389.59	783,481.41	32.224776	-103.550288

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
22,598.00	12,322.95	10,207.74	-607.26	100 FNL Proj LTP 22598 MD	

Checked By: _____	Approved By: _____	Date: _____
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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				5. Lease Serial No. NMLC0063798	
2. Name of Operator DEVON ENERGY PRODUCTION CO. Contact: REBECCA DEAL Email: rebecca.deal@devon.com				6. If Indian, Allottee or Tribe Name	
3. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 3a. Phone No. (include area code) Ph: 405-228-8429				7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 23 T24S R33E Mer SWSW 245FSL 950FWL At top prod interval reported below Sec 23 T24S R33E Mer SWSW 377FSL 468FWL At total depth Sec 14 T24S R33E Mer NWNW 31FNL 423FWL				8. Lease Name and Well No. BLUE KRAIT 23-14 FED 35H 9. API Well No. 30-025-46834	
14. Date Spudded 02/07/2020 15. Date T.D. Reached 03/10/2020 16. Date Completed ☐ D & A ☒ Ready to Prod. 11/04/2020				10. Field and Pool, or Exploratory WC-025 G-09 S243310P; UWC 11. Sec., T., R., M., or Block and Survey or Area Sec 23 T24S R33E Mer 12. County or Parish LEA 13. State NM	
17. Elevations (DF, KB, RT, GL)* 3555 GL				18. Total Depth: MD 23665 TVD 12319 19. Plug Back T.D.: MD 22604 TVD 20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1306		955		0	196
9.875	8.625 P-110	32.0	0	11748		710		0	0
7.875	5.500 P-110	20.0	0	22651		1660		3000	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	12250							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12700	22900	12700 TO 22900		964	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12700 TO 22900	24,287,400# PROP, 44 BBL ACID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/04/2020	12/02/2020	24	→	1867.0	3419.0	3394.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 1755 SI	Csg. Press. 3851.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio 1831	Well Status	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #539203 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	1220	1710	BARREN	RUSTLER	1220
SALADO	1710	5222	BARREN	SALADO	1710
B/SALT	5222	5222	BARREN	B/SALT	5222
DELAWARE	5222	9203	OIL/GAS	DELAWARE	5222
BONE SPRING	9203	12325	OIL/GAS	BONE SPRING	9203
WOLFCAMP	12325			WOLFCAMP	12325

32. Additional remarks (include plugging procedure):

See attached as-drilled C-102 and Directional Plan

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #539203 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO, LP, sent to the Hobbs**

Name (*please print*) REBECCA DEAL Title REGULATORY ANALYSTSignature _____ (Electronic Submission) Date 12/03/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 21419

CONDITIONS OF APPROVAL

Operator: DEVON ENERGY PRODUCTION COMPAN			333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID: 6137	Action Number: 21419	Action Type: C-104C
OCD Reviewer					Condition		
plmartinez					None		