

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

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 2/28/22
⁴ API Number 30-025-49262	⁵ Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP	⁶ Pool Code 98135
⁷ Property Code 331327 326424	⁸ Property Name Broadside 13-24 Fed Com	⁹ Well Number 4H

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
P	12	24S	33E		314	South	1004	East	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	24	24S	33E		97	South	1601	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 2/28/22	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
020809	Lucid Energy Group 3100 McKinnon St. Ste 800 Dallas, TX 75201	Gas
020445	Plains Marketing P.O. Box 4648 Houston, TX 77210	Oil

IV. Well Completion Data

²¹ Spud Date 11/4/21	²² Ready Date 2/28/22	²³ TD 22826	²⁴ PBDT 22813	²⁵ Perforations 12508 - 22803	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1365	1125 sx CIC; Circ 486 sx		
9-7/8"	8-5/8"	11560	640 sx CIC; Circ 51 sx		
7-7/8"	5-1/2"	22816	2990 sx cmt; Circ 304 sx		
	Tubing:	0			

V. Well Test Data

³¹ Date New Oil 3/14/22	³² Gas Delivery Date 3/14/22	³³ Test Date 3/14/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure 2478 psi
³⁷ Choke Size	³⁸ Oil 1992 bbl	³⁹ Water 4104 bbl	⁴⁰ Gas 5160 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>Shayda Omoumi</i>			OIL CONSERVATION DIVISION		
Printed name: Shayda Omoumi			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Compliance Associate			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: shayda.omoumi@dvn.com			Approval Date: <i>7/11/2023</i>		
Date: 3/22/2022		Phone: 405-552-3513			

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

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-49262	Pool Code [98135]	Pool Name WC-025 G-09 S243310P;UPPER WOLFCAMP
Property Code 331327 326424	Property Name BROADSIDE 13-24 FED COM	Well Number 4H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3601.5'

Surface Location

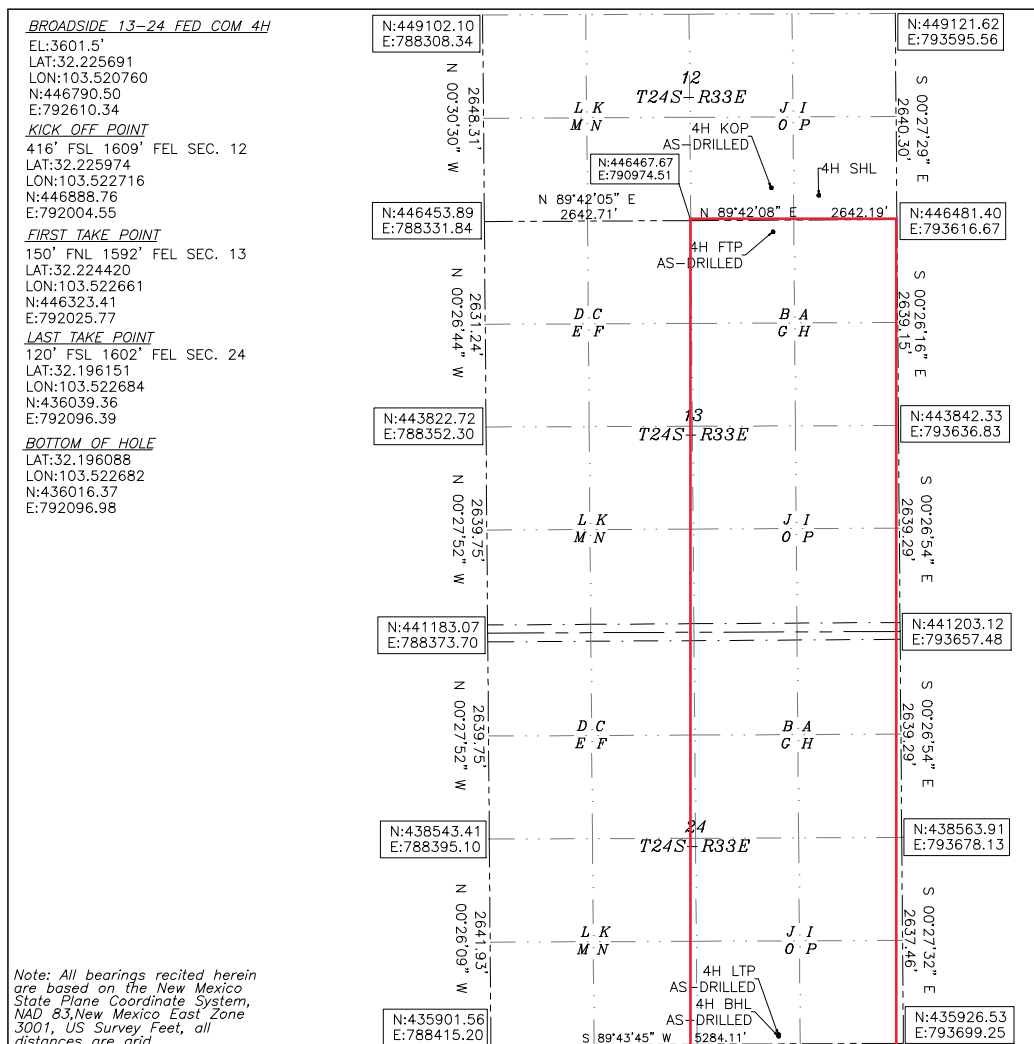
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	24-S	33-E		314	SOUTH	1004	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	24	24-S	33-E		97	SOUTH	1601	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
640			

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.

Signature: Shayda Omoumi Date: 3/22/2022

Printed Name: Shayda Omoumi

shayda.omoumi@dvn.com

E-mail Address:

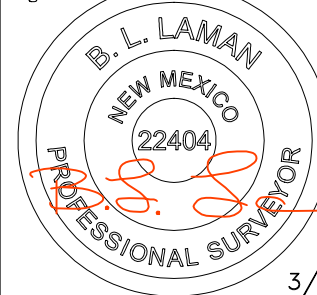
SURVEYOR CERTIFICATION

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.

12/2021

DATE OF SURVEY

Signature & Seal of Professional Surveyor



3/14/2022

Certificate No. 22404 B.L. LAMAN

DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



Devon Energy

Lea County, NM (NAD83 NME)

Broadside 13-24 Fed Com

Broadside 13-24 Fed Com 4H

OH Wellbore

Design: As Drilled

Standard Survey Report

01 December, 2021



www.scientificdrilling.com



Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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		

Site						Broadside 13-24 Fed Com, SH of Broadside 13-24 Fed Com 4H											
Site Position:			Northing:			446,790.50 usft			Latitude:			32.225691					
From:			Map			Easting:			792,610.34 usft			Longitude:			-103.520760		
Position Uncertainty:			0.00 usft			Slot Radius:			13-3/16 "			Grid Convergence:			0.43 °		

Well	Broadside 13-24 Fed Com 4H					
Well Position	+N/-S	0.00 usft	Northing:	446,790.50 usft	Latitude:	32.225691
	+E/-W	0.00 usft	Easting:	792,610.34 usft	Longitude:	-103.520760
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,601.50 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	9/9/2021	6.37	59.82	47,621.70000000

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	182.72	

Survey Program	Date	12/1/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.00	22,826.00	Survey #1 (OH Wellbore)	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	
200.00	0.57	337.78	200.00	0.92	-0.38	-0.90	0.29	0.29	0.00	
327.00	0.74	359.06	326.99	2.33	-0.63	-2.29	0.23	0.13	16.76	
422.00	0.38	1.56	421.98	3.25	-0.63	-3.22	0.38	-0.38	2.63	
516.00	0.68	354.10	515.98	4.12	-0.68	-4.08	0.33	0.32	-7.94	
610.00	0.67	5.47	609.97	5.22	-0.68	-5.18	0.14	-0.01	12.10	
705.00	0.53	25.95	704.97	6.17	-0.44	-6.14	0.27	-0.15	21.56	
799.00	0.44	29.30	798.96	6.88	-0.07	-6.86	0.10	-0.10	3.56	
894.00	0.34	25.55	893.96	7.45	0.23	-7.45	0.11	-0.11	-3.95	
988.00	0.42	1.48	987.96	8.04	0.36	-8.05	0.19	0.09	-25.61	

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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)	
1,083.00	0.38	11.49	1,082.96	8.70	0.43	-8.71	0.08	-0.04	10.54	
1,177.00	0.47	49.89	1,176.96	9.26	0.79	-9.28	0.31	0.10	40.85	
1,272.00	0.65	21.11	1,271.95	10.01	1.28	-10.06	0.35	0.19	-30.29	
1,294.00	0.38	49.13	1,293.95	10.17	1.38	-10.23	1.64	-1.23	127.36	
1,462.00	0.29	19.85	1,461.95	10.94	1.94	-11.02	0.11	-0.05	-17.43	
1,557.00	0.67	3.87	1,556.94	11.72	2.06	-11.80	0.42	0.40	-16.82	
1,652.00	1.00	359.42	1,651.93	13.10	2.09	-13.19	0.35	0.35	-4.68	
1,747.00	0.87	338.45	1,746.92	14.60	1.82	-14.67	0.38	-0.14	-22.07	
1,843.00	0.51	325.19	1,842.91	15.63	1.31	-15.67	0.41	-0.38	-13.81	
1,938.00	1.19	265.57	1,937.91	15.90	0.08	-15.89	1.08	0.72	-62.76	
2,034.00	2.13	245.89	2,033.86	15.09	-2.54	-14.96	1.13	0.98	-20.50	
2,129.00	3.47	250.06	2,128.75	13.39	-6.85	-13.05	1.43	1.41	4.39	
2,224.00	4.84	246.09	2,223.50	10.79	-13.22	-10.15	1.47	1.44	-4.18	
2,319.00	5.97	249.75	2,318.07	7.45	-21.52	-6.42	1.24	1.19	3.85	
2,415.00	7.11	252.11	2,413.45	3.90	-31.86	-2.38	1.22	1.19	2.46	
2,510.00	8.46	257.48	2,507.57	0.58	-44.28	1.52	1.61	1.42	5.65	
2,606.00	9.99	261.20	2,602.33	-2.23	-59.40	5.04	1.71	1.59	3.88	
2,701.00	10.19	262.59	2,695.86	-4.57	-75.88	8.17	0.33	0.21	1.46	
2,797.00	10.92	266.54	2,790.23	-6.21	-93.37	10.64	1.07	0.76	4.11	
2,892.00	11.73	269.03	2,883.38	-6.92	-112.01	12.23	1.00	0.85	2.62	
2,988.00	12.17	274.02	2,977.31	-6.38	-131.86	12.63	1.17	0.46	5.20	
3,083.00	13.02	277.79	3,070.02	-4.22	-152.46	11.45	1.24	0.89	3.97	
3,179.00	13.04	278.75	3,163.55	-1.11	-173.87	9.36	0.23	0.02	1.00	
3,274.00	12.98	278.75	3,256.11	2.14	-195.01	7.11	0.06	-0.06	0.00	
3,369.00	12.84	279.72	3,348.71	5.55	-215.96	4.71	0.27	-0.15	1.02	
3,465.00	12.83	280.36	3,442.31	9.27	-236.96	1.99	0.15	-0.01	0.67	
3,560.00	12.83	280.92	3,534.94	13.16	-257.69	-0.92	0.13	0.00	0.59	
3,656.00	12.74	281.52	3,628.56	17.29	-278.53	-4.06	0.17	-0.09	0.63	
3,751.00	12.31	282.15	3,721.30	21.52	-298.69	-7.32	0.47	-0.45	0.66	
3,847.00	11.52	283.29	3,815.23	25.87	-318.03	-10.75	0.86	-0.82	1.19	
3,942.00	10.81	282.19	3,908.43	29.94	-335.97	-13.96	0.78	-0.75	-1.16	
4,037.00	10.73	283.01	4,001.76	33.81	-353.29	-17.00	0.18	-0.08	0.86	
4,133.00	10.82	282.72	4,096.06	37.80	-370.79	-20.17	0.11	0.09	-0.30	
4,228.00	9.86	281.24	4,189.52	41.35	-387.47	-22.92	1.05	-1.01	-1.56	
4,323.00	9.14	280.85	4,283.22	44.36	-402.86	-25.19	0.76	-0.76	-0.41	
4,419.00	8.58	281.62	4,378.07	47.24	-417.36	-27.38	0.60	-0.58	0.80	
4,514.00	7.08	279.38	4,472.18	49.62	-430.08	-29.15	1.61	-1.58	-2.36	
4,609.00	5.84	273.90	4,566.58	50.90	-440.68	-29.93	1.46	-1.31	-5.77	
4,705.00	6.47	267.50	4,662.03	51.00	-450.95	-29.54	0.97	0.66	-6.67	
4,800.00	6.24	262.79	4,756.44	50.12	-461.42	-28.16	0.60	-0.24	-4.96	
4,896.00	5.24	255.77	4,851.96	48.38	-470.85	-25.98	1.27	-1.04	-7.31	
4,991.00	5.24	250.93	4,946.57	45.90	-479.15	-23.11	0.47	0.00	-5.09	
5,087.00	5.68	251.11	5,042.13	42.93	-487.79	-19.73	0.46	0.46	0.19	
5,182.00	5.92	259.47	5,136.64	40.51	-497.05	-16.88	0.92	0.25	8.80	

Scientific Drilling, Intl

Survey Report

devon

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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)
5,277.00	6.19	263.93	5,231.12	39.08	-506.96	-14.97	0.57	0.28	4.69
5,373.00	5.86	262.71	5,326.58	37.91	-516.97	-13.33	0.37	-0.34	-1.27
5,469.00	6.30	268.18	5,422.05	37.12	-527.10	-12.06	0.76	0.46	5.70
5,564.00	6.76	275.22	5,516.43	37.46	-537.88	-11.89	0.97	0.48	7.41
5,660.00	6.46	274.78	5,611.79	38.42	-548.88	-12.33	0.32	-0.31	-0.46
5,755.00	6.53	271.20	5,706.18	38.98	-559.61	-12.38	0.43	0.07	-3.77
5,850.00	6.33	280.18	5,800.59	40.02	-570.17	-12.92	1.08	-0.21	9.45
5,945.00	6.15	289.75	5,895.03	42.67	-580.11	-15.09	1.11	-0.19	10.07
6,041.00	4.68	285.63	5,990.60	45.46	-588.72	-17.47	1.58	-1.53	-4.29
6,137.00	3.61	288.43	6,086.34	47.47	-595.36	-19.16	1.13	-1.11	2.92
6,233.00	1.82	299.82	6,182.23	49.18	-599.55	-20.68	1.94	-1.86	11.86
6,328.00	1.53	311.04	6,277.19	50.77	-601.82	-22.15	0.46	-0.31	11.81
6,423.00	1.22	315.15	6,372.17	52.32	-603.49	-23.62	0.34	-0.33	4.33
6,519.00	1.24	310.04	6,468.14	53.71	-605.00	-24.94	0.12	0.02	-5.32
6,614.00	1.38	322.03	6,563.12	55.27	-606.49	-26.43	0.32	0.15	12.62
6,710.00	1.34	326.85	6,659.09	57.12	-607.82	-28.21	0.13	-0.04	5.02
6,804.00	1.37	322.02	6,753.07	58.93	-609.11	-29.96	0.13	0.03	-5.14
6,900.00	1.25	325.94	6,849.04	60.70	-610.40	-31.67	0.16	-0.13	4.08
6,995.00	1.15	325.89	6,944.02	62.35	-611.52	-33.26	0.11	-0.11	-0.05
7,091.00	0.85	321.86	7,040.00	63.71	-612.50	-34.57	0.32	-0.31	-4.20
7,186.00	1.01	330.99	7,134.99	64.99	-613.34	-35.81	0.23	0.17	9.61
7,282.00	0.85	307.76	7,230.98	66.17	-614.31	-36.94	0.42	-0.17	-24.20
7,377.00	0.83	316.75	7,325.97	67.10	-615.34	-37.83	0.14	-0.02	9.46
7,473.00	0.56	307.53	7,421.96	67.90	-616.19	-38.58	0.30	-0.28	-9.60
7,568.00	0.68	292.58	7,516.96	68.39	-617.08	-39.03	0.21	0.13	-15.74
7,663.00	0.55	285.73	7,611.95	68.73	-618.04	-39.33	0.16	-0.14	-7.21
7,759.00	1.02	279.97	7,707.94	69.01	-619.32	-39.54	0.50	0.49	-6.00
7,855.00	0.83	260.60	7,803.93	69.04	-620.85	-39.50	0.38	-0.20	-20.18
7,950.00	0.87	274.76	7,898.92	68.99	-622.25	-39.38	0.22	0.04	14.91
8,046.00	0.81	247.11	7,994.91	68.79	-623.60	-39.11	0.42	-0.06	-28.80
8,142.00	0.72	258.04	8,090.90	68.40	-624.82	-38.67	0.18	-0.09	11.39
8,237.00	0.57	227.46	8,185.90	67.95	-625.75	-38.18	0.39	-0.16	-32.19
8,333.00	0.59	230.92	8,281.89	67.32	-626.48	-37.51	0.04	0.02	3.60
8,428.00	0.47	193.91	8,376.89	66.63	-626.96	-36.80	0.37	-0.13	-38.96
8,524.00	0.50	190.89	8,472.88	65.84	-627.13	-36.00	0.04	0.03	-3.15
8,619.00	0.35	167.94	8,567.88	65.15	-627.15	-35.31	0.24	-0.16	-24.16
8,715.00	0.45	194.77	8,663.88	64.50	-627.18	-34.66	0.22	0.10	27.95
8,810.00	0.24	174.72	8,758.88	63.94	-627.26	-34.10	0.25	-0.22	-21.11
8,906.00	0.20	153.22	8,854.88	63.59	-627.17	-33.75	0.09	-0.04	-22.40
9,001.00	0.23	202.11	8,949.88	63.26	-627.16	-33.43	0.19	0.03	51.46
9,097.00	0.24	281.64	9,045.87	63.13	-627.43	-33.28	0.31	0.01	82.84
9,192.00	0.28	187.09	9,140.87	62.94	-627.66	-33.08	0.40	0.04	-99.53
9,287.00	0.34	172.24	9,235.87	62.43	-627.65	-32.57	0.11	0.06	-15.63

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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)
9,383.00	0.21	211.55	9,331.87	61.99	-627.70	-32.14	0.23	-0.14	40.95
9,478.00	0.07	67.08	9,426.87	61.87	-627.74	-32.01	0.28	-0.15	-152.07
9,573.00	0.13	34.11	9,521.87	61.98	-627.62	-32.13	0.09	0.06	-34.71
9,669.00	0.74	28.97	9,617.87	62.61	-627.26	-32.77	0.64	0.64	-5.35
9,764.00	1.52	4.62	9,712.85	64.40	-626.86	-34.58	0.95	0.82	-25.63
9,860.00	1.55	3.88	9,808.82	66.97	-626.67	-37.15	0.04	0.03	-0.77
9,955.00	1.82	0.20	9,903.77	69.76	-626.58	-39.95	0.31	0.28	-3.87
10,050.00	1.59	357.11	9,998.73	72.58	-626.64	-42.76	0.26	-0.24	-3.25
10,146.00	1.51	14.64	10,094.70	75.14	-626.39	-45.33	0.50	-0.08	18.26
10,241.00	1.37	15.19	10,189.67	77.45	-625.78	-47.66	0.15	-0.15	0.58
10,337.00	1.56	25.78	10,285.64	79.73	-624.91	-49.98	0.34	0.20	11.03
10,432.00	2.09	30.98	10,380.59	82.38	-623.45	-52.70	0.58	0.56	5.47
10,527.00	2.09	38.87	10,475.52	85.21	-621.47	-55.62	0.30	0.00	8.31
10,622.00	2.08	48.46	10,570.46	87.71	-619.10	-58.23	0.37	-0.01	10.09
10,718.00	0.93	47.36	10,666.43	89.39	-617.22	-60.00	1.20	-1.20	-1.15
10,813.00	1.00	41.39	10,761.41	90.53	-616.10	-61.19	0.13	0.07	-6.28
10,909.00	1.09	44.91	10,857.40	91.81	-614.91	-62.52	0.12	0.09	3.67
11,004.00	1.00	45.96	10,952.38	93.02	-613.67	-63.80	0.10	-0.09	1.11
11,099.00	1.26	49.34	11,047.36	94.28	-612.28	-65.12	0.28	0.27	3.56
11,194.00	1.27	49.41	11,142.34	95.65	-610.69	-66.56	0.01	0.01	0.07
11,290.00	1.16	55.49	11,238.32	96.89	-609.08	-67.88	0.18	-0.11	6.33
11,385.00	0.71	80.67	11,333.31	97.53	-607.71	-68.58	0.63	-0.47	26.51
11,481.00	0.55	57.80	11,429.30	97.87	-606.73	-68.97	0.31	-0.17	-23.82
11,513.00	0.52	63.65	11,461.30	98.02	-606.47	-69.13	0.19	-0.09	18.28
11,579.00	0.75	75.43	11,527.30	98.26	-605.79	-69.40	0.40	0.35	17.85
11,674.00	1.92	214.22	11,622.28	97.10	-606.08	-68.23	2.67	1.23	146.09
11,769.00	10.66	166.87	11,716.65	87.20	-604.98	-58.40	9.96	9.20	-49.84
11,863.00	25.63	169.67	11,805.72	58.57	-599.32	-30.07	15.95	15.93	2.98
11,957.00	34.96	174.63	11,886.81	11.65	-593.14	16.51	10.27	9.93	5.28
12,052.00	45.39	175.31	11,959.30	-49.32	-587.82	77.16	10.99	10.98	0.72
12,147.00	58.99	180.49	12,017.42	-124.12	-585.39	151.76	14.94	14.32	5.45
12,241.00	64.82	181.78	12,061.67	-206.98	-587.05	234.61	6.32	6.20	1.37
12,331.00	74.82	178.50	12,092.69	-291.34	-587.18	318.88	11.62	11.11	-3.64
12,357.83	78.80	178.83	12,098.81	-317.45	-586.58	344.93	14.88	14.83	1.25
CSL Sec 12 into 13 - 12357.83 MD 12098.81 TVD									
12,420.00	88.02	179.58	12,105.94	-379.13	-585.73	406.50	14.88	14.83	1.20
12,458.09	88.42	179.30	12,107.12	-417.20	-585.35	444.51	1.28	1.04	-0.74
FTP 100 FNL - 12458.09 MD 12107.12 TVD									
12,510.00	88.96	178.91	12,108.31	-469.09	-584.54	496.31	1.28	1.04	-0.74
12,600.00	87.89	179.00	12,110.78	-559.04	-582.90	586.08	1.19	-1.19	0.10
12,689.00	87.79	179.91	12,114.14	-647.97	-582.05	674.87	1.03	-0.11	1.02
12,779.00	88.05	180.24	12,117.40	-737.92	-582.17	764.71	0.47	0.29	0.37
12,868.00	87.69	179.86	12,120.71	-826.85	-582.25	853.55	0.59	-0.40	-0.43
12,958.00	88.73	179.90	12,123.52	-916.81	-582.06	943.40	1.16	1.16	0.04

Scientific Drilling, Intl

Survey Report

devon

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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)
13,047.00	89.06	181.26	12,125.24	-1,005.78	-582.96	1,032.32	1.57	0.37	1.53
13,137.00	88.22	180.93	12,127.37	-1,095.74	-584.68	1,122.25	1.00	-0.93	-0.37
13,226.00	89.06	180.19	12,129.49	-1,184.71	-585.55	1,211.16	1.26	0.94	-0.83
13,316.00	88.36	180.65	12,131.51	-1,274.69	-586.21	1,301.07	0.93	-0.78	0.51
13,405.00	88.05	181.09	12,134.30	-1,363.63	-587.56	1,389.98	0.60	-0.35	0.49
13,495.00	90.70	180.44	12,135.28	-1,453.61	-588.76	1,479.91	3.03	2.94	-0.72
13,585.00	90.44	179.89	12,134.39	-1,543.60	-589.02	1,569.82	0.68	-0.29	-0.61
13,674.00	90.23	179.60	12,133.87	-1,632.60	-588.62	1,658.70	0.40	-0.24	-0.33
13,764.00	89.87	180.28	12,133.79	-1,722.60	-588.53	1,748.59	0.85	-0.40	0.76
13,853.00	87.79	181.13	12,135.61	-1,811.57	-589.63	1,837.51	2.52	-2.34	0.96
13,943.00	86.85	180.22	12,139.81	-1,901.46	-590.68	1,927.35	1.45	-1.04	-1.01
14,033.00	84.90	178.99	12,146.29	-1,991.22	-590.07	2,016.98	2.56	-2.17	-1.37
14,122.00	88.09	180.06	12,151.73	-2,080.04	-589.33	2,105.66	3.78	3.58	1.20
14,211.00	86.48	179.11	12,155.94	-2,168.93	-588.69	2,194.43	2.10	-1.81	-1.07
14,301.00	89.16	175.15	12,159.37	-2,258.73	-584.18	2,283.91	5.31	2.98	-4.40
14,391.00	89.53	177.31	12,160.40	-2,348.52	-578.27	2,373.32	2.43	0.41	2.40
14,480.00	89.66	180.85	12,161.03	-2,437.50	-576.84	2,462.12	3.98	0.15	3.98
14,569.00	89.80	179.56	12,161.45	-2,526.49	-577.16	2,551.03	1.46	0.16	-1.45
14,659.00	89.16	180.95	12,162.26	-2,616.48	-577.56	2,640.95	1.70	-0.71	1.54
14,769.00	87.38	181.22	12,165.58	-2,726.41	-579.64	2,750.85	1.64	-1.62	0.25
14,838.00	87.08	180.97	12,168.92	-2,795.32	-580.96	2,819.74	0.57	-0.43	-0.36
14,928.00	86.41	180.41	12,174.03	-2,885.16	-582.04	2,909.53	0.97	-0.74	-0.62
15,018.00	85.91	179.52	12,180.06	-2,974.96	-581.98	2,999.23	1.13	-0.56	-0.99
15,107.00	89.73	181.03	12,183.44	-3,063.88	-582.41	3,088.06	4.61	4.29	1.70
15,197.00	89.66	181.30	12,183.92	-3,153.86	-584.24	3,178.03	0.31	-0.08	0.30
15,286.00	89.26	180.67	12,184.76	-3,242.84	-585.77	3,266.98	0.84	-0.45	-0.71
15,376.00	87.89	180.19	12,187.00	-3,332.81	-586.45	3,356.88	1.61	-1.52	-0.53
15,465.00	86.75	180.00	12,191.16	-3,421.71	-586.59	3,445.69	1.30	-1.28	-0.21
15,555.00	86.85	179.08	12,196.18	-3,511.56	-585.87	3,535.41	1.03	0.11	-1.02
15,644.00	86.75	178.57	12,201.15	-3,600.40	-584.05	3,624.07	0.58	-0.11	-0.57
15,734.00	86.07	178.04	12,206.79	-3,690.19	-581.39	3,713.62	0.96	-0.76	-0.59
15,823.00	88.09	179.47	12,211.32	-3,779.04	-579.46	3,802.29	2.78	2.27	1.61
15,912.00	88.16	178.98	12,214.23	-3,867.99	-578.26	3,891.07	0.56	0.08	-0.55
16,002.00	87.68	177.95	12,217.50	-3,957.90	-575.85	3,980.76	1.26	-0.53	-1.14
16,091.00	87.42	178.05	12,221.30	-4,046.76	-572.75	4,069.38	0.31	-0.29	0.11
16,181.00	86.71	177.94	12,225.91	-4,136.59	-569.60	4,158.96	0.80	-0.79	-0.12
16,270.00	87.69	178.30	12,230.26	-4,225.43	-566.69	4,247.56	1.17	1.10	0.40
16,300.00	88.29	178.49	12,231.31	-4,255.40	-565.85	4,277.46	2.10	2.00	0.63
16,389.00	87.35	179.15	12,234.70	-4,344.32	-564.02	4,366.19	1.29	-1.06	0.74
16,479.00	85.67	178.63	12,240.18	-4,434.13	-562.28	4,455.82	1.95	-1.87	-0.58
16,569.00	85.87	178.39	12,246.81	-4,523.85	-559.94	4,545.33	0.35	0.22	-0.27
16,658.00	87.25	178.97	12,252.15	-4,612.67	-557.90	4,633.95	1.68	1.55	0.65
16,748.00	88.12	179.38	12,255.79	-4,702.58	-556.60	4,723.70	1.07	0.97	0.46



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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)
16,837.00	88.56	178.86	12,258.37	-4,791.53	-555.24	4,812.49	0.77	0.49	-0.58
16,927.00	88.99	179.19	12,260.29	-4,881.50	-553.70	4,902.28	0.60	0.48	0.37
17,016.00	88.66	178.93	12,262.12	-4,970.47	-552.24	4,991.08	0.47	-0.37	-0.29
17,106.00	88.02	178.59	12,264.72	-5,060.41	-550.30	5,080.82	0.81	-0.71	-0.38
17,195.00	89.56	180.84	12,266.60	-5,149.38	-549.86	5,169.67	3.06	1.73	2.53
17,285.00	89.06	180.54	12,267.69	-5,239.37	-550.94	5,259.61	0.65	-0.56	-0.33
17,374.00	89.97	180.58	12,268.44	-5,328.36	-551.81	5,348.54	1.02	1.02	0.04
17,464.00	91.31	181.06	12,267.44	-5,418.34	-553.10	5,438.48	1.58	1.49	0.53
17,553.00	91.14	182.18	12,265.53	-5,507.28	-555.61	5,527.45	1.27	-0.19	1.26
17,639.14	87.02	182.02	12,266.92	-5,593.34	-558.76	5,613.55	4.79	-4.79	-0.19
CSL Sec 13 into 24 - 17639.14 MD 12266.92 TVD									
17,642.00	86.88	182.01	12,267.07	-5,596.19	-558.87	5,616.41	4.79	-4.79	-0.19
17,732.00	86.11	182.25	12,272.57	-5,685.96	-562.20	5,706.23	0.90	-0.86	0.27
17,821.00	87.42	181.94	12,277.59	-5,774.76	-565.45	5,795.08	1.51	1.47	-0.35
17,911.00	87.32	181.50	12,281.72	-5,864.62	-568.15	5,884.98	0.50	-0.11	-0.49
18,001.00	86.48	180.77	12,286.59	-5,954.47	-569.93	5,974.81	1.24	-0.93	-0.81
18,090.00	87.82	180.59	12,291.02	-6,043.35	-570.99	6,063.64	1.52	1.51	-0.20
18,180.00	87.12	179.97	12,294.99	-6,133.26	-571.43	6,153.47	1.04	-0.78	-0.69
18,269.00	89.03	180.58	12,297.98	-6,222.21	-571.85	6,242.33	2.25	2.15	0.69
18,359.00	89.66	180.25	12,299.01	-6,312.20	-572.50	6,332.25	0.79	0.70	-0.37
18,448.00	89.80	180.88	12,299.43	-6,401.19	-573.38	6,421.19	0.73	0.16	0.71
18,538.00	88.86	181.10	12,300.48	-6,491.17	-574.94	6,511.14	1.07	-1.04	0.24
18,627.00	89.97	182.24	12,301.39	-6,580.13	-577.53	6,600.12	1.79	1.25	1.28
18,717.00	86.21	181.54	12,304.39	-6,670.01	-580.50	6,690.04	4.25	-4.18	-0.78
18,806.00	85.71	181.67	12,310.66	-6,758.75	-582.98	6,778.81	0.58	-0.56	0.15
18,896.00	86.51	180.26	12,316.76	-6,848.53	-584.50	6,868.55	1.80	0.89	-1.57
18,985.00	87.08	179.86	12,321.74	-6,937.39	-584.59	6,957.32	0.78	0.64	-0.45
19,075.00	86.78	179.95	12,326.56	-7,027.26	-584.44	7,047.08	0.35	-0.33	0.10
19,165.00	88.02	180.14	12,330.64	-7,117.17	-584.51	7,136.89	1.39	1.38	0.21
19,254.00	87.48	180.15	12,334.14	-7,206.10	-584.73	7,225.73	0.61	-0.61	0.01
19,344.00	87.28	180.72	12,338.25	-7,296.00	-585.42	7,315.56	0.67	-0.22	0.63
19,433.00	88.29	179.59	12,341.69	-7,384.93	-585.66	7,404.40	1.70	1.13	-1.27
19,523.00	88.93	178.89	12,343.87	-7,474.90	-584.46	7,494.21	1.05	0.71	-0.78
19,612.00	88.22	178.72	12,346.09	-7,563.85	-582.61	7,582.97	0.82	-0.80	-0.19
19,702.00	90.57	177.99	12,347.04	-7,653.80	-580.03	7,672.70	2.73	2.61	-0.81
19,791.00	90.91	178.46	12,345.89	-7,742.75	-577.27	7,761.42	0.65	0.38	0.53
19,880.00	87.95	177.88	12,346.77	-7,831.69	-574.43	7,850.13	3.39	-3.33	-0.65
19,970.00	87.15	177.86	12,350.62	-7,921.54	-571.09	7,939.72	0.89	-0.89	-0.02
20,059.00	87.49	176.79	12,354.78	-8,010.35	-566.94	8,028.23	1.26	0.38	-1.20
20,148.00	88.12	177.16	12,358.19	-8,099.16	-562.24	8,116.72	0.82	0.71	0.42
20,238.00	87.92	176.67	12,361.30	-8,188.97	-557.40	8,206.20	0.59	-0.22	-0.54
20,327.00	87.92	176.79	12,364.53	-8,277.77	-552.33	8,294.66	0.13	0.00	0.13
20,417.00	87.01	176.41	12,368.51	-8,367.52	-547.00	8,384.05	1.10	-1.01	-0.42
20,507.00	85.57	176.24	12,374.33	-8,457.15	-541.24	8,473.30	1.61	-1.60	-0.19

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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)
20,596.00	86.78	177.76	12,380.27	-8,545.82	-536.59	8,561.66	2.18	1.36	1.71
20,685.00	88.66	179.74	12,383.81	-8,634.72	-534.66	8,650.37	3.07	2.11	2.22
20,775.00	89.97	180.92	12,384.89	-8,724.71	-535.17	8,740.28	1.96	1.46	1.31
20,864.00	87.95	178.33	12,386.50	-8,813.68	-534.59	8,829.12	3.69	-2.27	-2.91
20,953.00	88.12	178.82	12,389.56	-8,902.60	-532.38	8,917.84	0.58	0.19	0.55
21,043.00	87.85	178.95	12,392.72	-8,992.53	-530.63	9,007.58	0.33	-0.30	0.14
21,132.00	87.62	179.00	12,396.24	-9,081.45	-529.04	9,096.32	0.26	-0.26	0.06
21,222.00	86.88	178.97	12,400.56	-9,171.33	-527.45	9,186.03	0.82	-0.82	-0.03
21,311.00	87.45	179.91	12,404.96	-9,260.21	-526.58	9,274.77	1.23	0.64	1.06
21,401.00	86.54	179.15	12,409.68	-9,350.08	-525.84	9,364.50	1.32	-1.01	-0.84
21,491.00	86.64	178.63	12,415.03	-9,439.91	-524.10	9,454.14	0.59	0.11	-0.58
21,581.00	87.62	179.48	12,419.54	-9,529.78	-522.62	9,543.85	1.44	1.09	0.94
21,670.00	89.09	179.91	12,422.09	-9,618.74	-522.14	9,632.68	1.72	1.65	0.48
21,760.00	88.89	179.89	12,423.68	-9,708.73	-521.99	9,722.56	0.22	-0.22	-0.02
21,850.00	88.32	179.75	12,425.87	-9,798.70	-521.71	9,812.42	0.65	-0.63	-0.16
21,939.00	87.75	179.80	12,428.92	-9,887.65	-521.36	9,901.25	0.64	-0.64	0.06
22,029.00	87.62	179.85	12,432.55	-9,977.57	-521.08	9,991.06	0.15	-0.14	0.06
22,119.00	86.98	180.17	12,436.79	-10,067.47	-521.10	10,080.86	0.79	-0.71	0.36
22,209.00	86.48	180.19	12,441.93	-10,157.32	-521.38	10,170.62	0.56	-0.56	0.02
22,298.00	88.96	179.50	12,445.47	-10,246.25	-521.14	10,259.43	2.89	2.79	-0.78
22,388.00	89.33	179.26	12,446.81	-10,336.23	-520.16	10,349.27	0.49	0.41	-0.27
22,477.00	90.30	179.18	12,447.10	-10,425.22	-518.95	10,438.10	1.09	1.09	-0.09
22,567.00	91.44	179.78	12,445.73	-10,515.20	-518.14	10,527.95	1.43	1.27	0.67
22,657.00	89.60	179.08	12,444.92	-10,605.19	-517.24	10,617.79	2.19	-2.04	-0.78
22,746.00	89.09	178.55	12,445.93	-10,694.17	-515.40	10,706.58	0.83	-0.57	-0.60
22,767.00	88.89	178.54	12,446.30	-10,715.16	-514.87	10,727.52	0.95	-0.95	-0.05
22,823.51	88.89	178.54	12,447.40	-10,771.64	-513.43	10,783.87	0.00	0.00	0.00
LTP 100 FSL - 22823.51 MD 12447.4 TVD									
22,826.00	88.89	178.54	12,447.45	-10,774.13	-513.36	10,786.35	0.00	0.00	0.00
Actual BH: 97.3 FSL 1651.6 FEL - 22826 MD 12447.45 TVD - Y-436016.37 X-792096.98 - 32.196088° N 103.522682° W									

Scientific Drilling, Intl
Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,357.83	12,098.81	-317.45	-586.58	CSL Sec 12 into 13
12,357.83	12,098.81	-317.45	-586.58	12357.83 MD 12098.81 TVD
12,458.09	12,107.12	-417.20	-585.35	FTP 100 FNL
12,458.09	12,107.12	-417.20	-585.35	12458.09 MD 12107.12 TVD
17,639.14	12,266.92	-5,593.34	-558.76	CSL Sec 13 into 24
17,639.14	12,266.92	-5,593.34	-558.76	17639.14 MD 12266.92 TVD
22,823.51	12,447.40	-10,771.64	-513.43	LTP 100 FSL
22,823.51	12,447.40	-10,771.64	-513.43	22823.51 MD 12447.4 TVD
22,826.00	12,447.45	-10,774.13	-513.36	Actual BH: 97.3 FSL 1651.6 FEL
22,826.00	12,447.45	-10,774.13	-513.36	22826 MD 12447.45 TVD
22,826.00	12,447.45	-10,774.13	-513.36	Y-436016.37 X-792096.98
22,826.00	12,447.45	-10,774.13	-513.36	32.196088° N 103.522682° W

Checked By: _____ Approved By: _____ Date: _____



Devon Energy

Lea County, NM (NAD83 NME)

Broadside 13-24 Fed Com

Broadside 13-24 Fed Com 4H

OH Wellbore

Design: As Drilled

Survey Report - Geographic

01 December, 2021



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Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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		

Site		Broadside 13-24 Fed Com, SH of Broadside 13-24 Fed Com 4H						
Site Position:		Northing:	446,790.50	usft	Latitude:	32.225691		
From:	Map	Easting:	792,610.34	usft	Longitude:	-103.520760		
Position Uncertainty:	0.00	usft	Slot Radius:	13-3/16	"	Grid Convergence:	0.43	°

Well		Broadside 13-24 Fed Com 4H				
Well Position	+N/-S	0.00 usft	Northing:	446,790.50 usft	Latitude:	32.225691
	+E/-W	0.00 usft	Easting:	792,610.34 usft	Longitude:	-103.520760
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,601.50 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	9/9/2021	6.37	59.82	47,621.70000000

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	182.72	

Survey Program	Date	12/1/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.00	22,826.00	Survey #1 (OH Wellbore)	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	446,790.50	792,610.34	32.225691	-103.520760
200.00	0.57	337.78	200.00	0.92	-0.38	446,791.42	792,609.96	32.225694	-103.520761
327.00	0.74	359.06	326.99	2.33	-0.63	446,792.83	792,609.71	32.225698	-103.520762
422.00	0.38	1.56	421.98	3.25	-0.63	446,793.75	792,609.71	32.225700	-103.520762
516.00	0.68	354.10	515.98	4.12	-0.68	446,794.62	792,609.66	32.225703	-103.520762
610.00	0.67	5.47	609.97	5.22	-0.68	446,795.72	792,609.65	32.225706	-103.520762
705.00	0.53	25.95	704.97	6.17	-0.44	446,796.67	792,609.90	32.225708	-103.520761
799.00	0.44	29.30	798.96	6.88	-0.07	446,797.38	792,610.27	32.225710	-103.520760
894.00	0.34	25.55	893.96	7.45	0.23	446,797.95	792,610.57	32.225712	-103.520759
988.00	0.42	1.48	987.96	8.04	0.36	446,798.54	792,610.70	32.225714	-103.520759
1,083.00	0.38	11.49	1,082.96	8.70	0.43	446,799.20	792,610.77	32.225715	-103.520758
1,177.00	0.47	49.89	1,176.96	9.26	0.79	446,799.76	792,611.12	32.225717	-103.520757



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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
1,272.00	0.65	21.11	1,271.95	10.01	1.28	446,800.51	792,611.62	32.225719	-103.520756
1,294.00	0.38	49.13	1,293.95	10.17	1.38	446,800.67	792,611.72	32.225719	-103.520755
1,462.00	0.29	19.85	1,461.95	10.94	1.94	446,801.44	792,612.28	32.225721	-103.520753
1,557.00	0.67	3.87	1,556.94	11.72	2.06	446,802.22	792,612.40	32.225724	-103.520753
1,652.00	1.00	359.42	1,651.93	13.10	2.09	446,803.60	792,612.43	32.225727	-103.520753
1,747.00	0.87	338.45	1,746.92	14.60	1.82	446,805.10	792,612.16	32.225732	-103.520754
1,843.00	0.51	325.19	1,842.91	15.63	1.31	446,806.13	792,611.65	32.225734	-103.520755
1,938.00	1.19	265.57	1,937.91	15.90	0.08	446,806.40	792,610.42	32.225735	-103.520759
2,034.00	2.13	245.89	2,033.86	15.09	-2.54	446,805.59	792,607.80	32.225733	-103.520768
2,129.00	3.47	250.06	2,128.75	13.39	-6.85	446,803.89	792,603.48	32.225728	-103.520782
2,224.00	4.84	246.09	2,223.50	10.79	-13.22	446,801.29	792,597.12	32.225721	-103.520802
2,319.00	5.97	249.75	2,318.07	7.45	-21.52	446,797.95	792,588.82	32.225712	-103.520829
2,415.00	7.11	252.11	2,413.45	3.90	-31.86	446,794.40	792,578.48	32.225703	-103.520863
2,510.00	8.46	257.48	2,507.57	0.58	-44.28	446,791.08	792,566.06	32.225694	-103.520903
2,606.00	9.99	261.20	2,602.33	-2.23	-59.40	446,788.27	792,550.94	32.225687	-103.520952
2,701.00	10.19	262.59	2,695.86	-4.57	-75.88	446,785.93	792,534.46	32.225680	-103.521005
2,797.00	10.92	266.54	2,790.23	-6.21	-93.37	446,784.29	792,516.96	32.225676	-103.521062
2,892.00	11.73	269.03	2,883.38	-6.92	-112.01	446,783.58	792,498.33	32.225675	-103.521122
2,988.00	12.17	274.02	2,977.31	-6.38	-131.86	446,784.12	792,478.47	32.225677	-103.521186
3,083.00	13.02	277.79	3,070.02	-4.22	-152.46	446,786.28	792,457.88	32.225683	-103.521253
3,179.00	13.04	278.75	3,163.55	-1.11	-173.87	446,789.39	792,436.46	32.225692	-103.521322
3,274.00	12.98	278.75	3,256.11	2.14	-195.01	446,792.64	792,415.33	32.225701	-103.521390
3,369.00	12.84	279.72	3,348.71	5.55	-215.96	446,796.05	792,394.38	32.225711	-103.521458
3,465.00	12.83	280.36	3,442.31	9.27	-236.96	446,799.77	792,373.38	32.225722	-103.521526
3,560.00	12.83	280.92	3,534.94	13.16	-257.69	446,803.66	792,352.65	32.225733	-103.521593
3,656.00	12.74	281.52	3,628.56	17.29	-278.53	446,807.79	792,331.81	32.225745	-103.521660
3,751.00	12.31	282.15	3,721.30	21.52	-298.69	446,812.02	792,311.64	32.225757	-103.521725
3,847.00	11.52	283.29	3,815.23	25.87	-318.03	446,816.37	792,292.31	32.225769	-103.521788
3,942.00	10.81	282.19	3,908.43	29.94	-335.97	446,820.44	792,274.37	32.225781	-103.521846
4,037.00	10.73	283.01	4,001.76	33.81	-353.29	446,824.31	792,257.04	32.225792	-103.521901
4,133.00	10.82	282.72	4,096.06	37.80	-370.79	446,828.30	792,239.55	32.225803	-103.521958
4,228.00	9.86	281.24	4,189.52	41.35	-387.47	446,831.85	792,222.87	32.225813	-103.522012
4,323.00	9.14	280.85	4,283.22	44.36	-402.86	446,834.86	792,207.48	32.225822	-103.522062
4,419.00	8.58	281.62	4,378.07	47.24	-417.36	446,837.74	792,192.98	32.225830	-103.522108
4,514.00	7.08	279.38	4,472.18	49.62	-430.08	446,840.12	792,180.26	32.225837	-103.522149
4,609.00	5.84	273.90	4,566.58	50.90	-440.68	446,841.40	792,169.66	32.225841	-103.522184
4,705.00	6.47	267.50	4,662.03	51.00	-450.95	446,841.50	792,159.39	32.225841	-103.522217
4,800.00	6.24	262.79	4,756.44	50.12	-461.42	446,840.62	792,148.92	32.225839	-103.522251
4,896.00	5.24	255.77	4,851.96	48.38	-470.85	446,838.88	792,139.49	32.225834	-103.522281
4,991.00	5.24	250.93	4,946.57	45.90	-479.15	446,836.40	792,131.19	32.225828	-103.522308
5,087.00	5.68	251.11	5,042.13	42.93	-487.79	446,833.43	792,122.55	32.225820	-103.522336
5,182.00	5.92	259.47	5,136.64	40.51	-497.05	446,831.01	792,113.28	32.225813	-103.522366
5,277.00	6.19	263.93	5,231.12	39.08	-506.96	446,829.58	792,103.37	32.225809	-103.522398
5,373.00	5.86	262.71	5,326.58	37.91	-516.97	446,828.41	792,093.37	32.225806	-103.522431
5,469.00	6.30	268.18	5,422.05	37.12	-527.10	446,827.62	792,083.24	32.225804	-103.522463
5,564.00	6.76	275.22	5,516.43	37.46	-537.88	446,827.96	792,072.46	32.225806	-103.522498
5,660.00	6.46	274.78	5,611.79	38.42	-548.88	446,828.92	792,061.45	32.225808	-103.522534
5,755.00	6.53	271.20	5,706.18	38.98	-559.61	446,829.48	792,050.73	32.225810	-103.522569
5,850.00	6.33	280.18	5,800.59	40.02	-570.17	446,830.52	792,040.17	32.225813	-103.522603
5,945.00	6.15	289.75	5,895.03	42.67	-580.11	446,833.17	792,030.23	32.225821	-103.522635
6,041.00	4.68	285.63	5,990.60	45.46	-588.72	446,835.96	792,021.61	32.225829	-103.522662
6,137.00	3.61	288.43	6,086.34	47.47	-595.36	446,837.97	792,014.98	32.225834	-103.522684
6,233.00	1.82	299.82	6,182.23	49.18	-599.55	446,839.68	792,010.79	32.225839	-103.522697
6,328.00	1.53	311.04	6,277.19	50.77	-601.82	446,841.27	792,008.52	32.225843	-103.522705
6,423.00	1.22	315.15	6,372.17	52.32	-603.49	446,842.82	792,006.85	32.225848	-103.522710



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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
6,519.00	1.24	310.04	6,468.14	53.71	-605.00	446,844.21	792,005.33	32.225852	-103.522715
6,614.00	1.38	322.03	6,563.12	55.27	-606.49	446,845.77	792,003.84	32.225856	-103.522720
6,710.00	1.34	326.85	6,659.09	57.12	-607.82	446,847.62	792,002.52	32.225861	-103.522724
6,804.00	1.37	322.02	6,753.07	58.93	-609.11	446,849.43	792,001.23	32.225866	-103.522728
6,900.00	1.25	325.94	6,849.04	60.70	-610.40	446,851.20	791,999.93	32.225871	-103.522732
6,995.00	1.15	325.89	6,944.02	62.35	-611.52	446,852.85	791,998.82	32.225876	-103.522736
7,091.00	0.85	321.86	7,040.00	63.71	-612.50	446,854.21	791,997.84	32.225879	-103.522739
7,186.00	1.01	330.99	7,134.99	64.99	-613.34	446,855.49	791,997.00	32.225883	-103.522742
7,282.00	0.85	307.76	7,230.98	66.17	-614.31	446,856.67	791,996.02	32.225886	-103.522745
7,377.00	0.83	316.75	7,325.97	67.10	-615.34	446,857.60	791,995.00	32.225889	-103.522748
7,473.00	0.56	307.53	7,421.96	67.90	-616.19	446,858.40	791,994.15	32.225891	-103.522751
7,568.00	0.68	292.58	7,516.96	68.39	-617.08	446,858.89	791,993.26	32.225892	-103.522754
7,663.00	0.55	285.73	7,611.95	68.73	-618.04	446,859.23	791,992.30	32.225893	-103.522757
7,759.00	1.02	279.97	7,707.94	69.01	-619.32	446,859.51	791,991.01	32.225894	-103.522761
7,855.00	0.83	260.60	7,803.93	69.04	-620.85	446,859.54	791,989.49	32.225894	-103.522766
7,950.00	0.87	274.76	7,898.92	68.99	-622.25	446,859.49	791,988.09	32.225894	-103.522770
8,046.00	0.81	247.11	7,994.91	68.79	-623.60	446,859.29	791,986.74	32.225893	-103.522775
8,142.00	0.72	258.04	8,090.90	68.40	-624.82	446,858.90	791,985.52	32.225892	-103.522779
8,237.00	0.57	227.46	8,185.90	67.95	-625.75	446,858.45	791,984.59	32.225891	-103.522782
8,333.00	0.59	230.92	8,281.89	67.32	-626.48	446,857.82	791,983.85	32.225890	-103.522784
8,428.00	0.47	193.91	8,376.89	66.63	-626.96	446,857.13	791,983.38	32.225888	-103.522786
8,524.00	0.50	190.89	8,472.88	65.84	-627.13	446,856.34	791,983.21	32.225885	-103.522786
8,619.00	0.35	167.94	8,567.88	65.15	-627.15	446,855.65	791,983.19	32.225884	-103.522786
8,715.00	0.45	194.77	8,663.88	64.50	-627.18	446,855.00	791,983.15	32.225882	-103.522786
8,810.00	0.24	174.72	8,758.88	63.94	-627.26	446,854.44	791,983.08	32.225880	-103.522787
8,906.00	0.20	153.22	8,854.88	63.59	-627.17	446,854.09	791,983.17	32.225879	-103.522786
9,001.00	0.23	202.11	8,949.88	63.26	-627.16	446,853.76	791,983.17	32.225878	-103.522786
9,097.00	0.24	281.64	9,045.87	63.13	-627.43	446,853.63	791,982.91	32.225878	-103.522787
9,192.00	0.28	187.09	9,140.87	62.94	-627.66	446,853.44	791,982.68	32.225877	-103.522788
9,287.00	0.34	172.24	9,235.87	62.43	-627.65	446,852.93	791,982.69	32.225876	-103.522788
9,383.00	0.21	211.55	9,331.87	61.99	-627.70	446,852.49	791,982.64	32.225875	-103.522788
9,478.00	0.07	67.08	9,426.87	61.87	-627.74	446,852.37	791,982.60	32.225875	-103.522788
9,573.00	0.13	34.11	9,521.87	61.98	-627.62	446,852.48	791,982.71	32.225875	-103.522788
9,669.00	0.74	28.97	9,617.87	62.61	-627.26	446,853.11	791,983.08	32.225877	-103.522787
9,764.00	1.52	4.62	9,712.85	64.40	-626.86	446,854.90	791,983.47	32.225882	-103.522785
9,860.00	1.55	3.88	9,808.82	66.97	-626.67	446,857.47	791,983.66	32.225889	-103.522785
9,955.00	1.82	0.20	9,903.77	69.76	-626.58	446,860.26	791,983.76	32.225896	-103.522784
10,050.00	1.59	357.11	9,998.73	72.58	-626.64	446,863.08	791,983.70	32.225904	-103.522784
10,146.00	1.51	14.64	10,094.70	75.14	-626.39	446,865.64	791,983.95	32.225911	-103.522784
10,241.00	1.37	15.19	10,189.67	77.45	-625.78	446,867.95	791,984.56	32.225917	-103.522782
10,337.00	1.56	25.78	10,285.64	79.73	-624.91	446,870.23	791,985.43	32.225924	-103.522779
10,432.00	2.09	30.98	10,380.59	82.38	-623.45	446,872.88	791,986.88	32.225931	-103.522774
10,527.00	2.09	38.87	10,475.52	85.21	-621.47	446,875.71	791,988.86	32.225939	-103.522767
10,622.00	2.08	48.46	10,570.46	87.71	-619.10	446,878.21	791,991.24	32.225945	-103.522760
10,718.00	0.93	47.36	10,666.43	89.39	-617.22	446,879.89	791,993.12	32.225950	-103.522754
10,813.00	1.00	41.39	10,761.41	90.53	-616.10	446,881.03	791,994.23	32.225953	-103.522750
10,909.00	1.09	44.91	10,857.40	91.81	-614.91	446,882.31	791,995.43	32.225957	-103.522746
11,004.00	1.00	45.96	10,952.38	93.02	-613.67	446,883.52	791,996.67	32.225960	-103.522742
11,099.00	1.26	49.34	11,047.36	94.28	-612.28	446,884.78	791,998.05	32.225963	-103.522737
11,194.00	1.27	49.41	11,142.34	95.65	-610.69	446,886.15	791,999.65	32.225967	-103.522732
11,290.00	1.16	55.49	11,238.32	96.89	-609.08	446,887.39	792,001.25	32.225970	-103.522727
11,385.00	0.71	80.67	11,333.31	97.53	-607.71	446,888.03	792,002.63	32.225972	-103.522723
11,481.00	0.55	57.80	11,429.30	97.87	-606.73	446,888.37	792,003.60	32.225973	-103.522719
11,513.00	0.52	63.65	11,461.30	98.02	-606.47	446,888.52	792,003.86	32.225973	-103.522719
11,579.00	0.75	75.43	11,527.30	98.26	-605.79	446,888.76	792,004.55	32.225974	-103.522716



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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
11,674.00	1.92	214.22	11,622.28	97.10	-606.08	446,887.60	792,004.26	32.225971	-103.522717
11,769.00	10.66	166.87	11,716.65	87.20	-604.98	446,877.70	792,005.36	32.225944	-103.522714
11,863.00	25.63	169.67	11,805.72	58.57	-599.32	446,849.07	792,011.01	32.225865	-103.522696
11,957.00	34.96	174.63	11,886.81	11.65	-593.14	446,802.15	792,017.19	32.225736	-103.522678
12,052.00	45.39	175.31	11,959.30	-49.32	-587.82	446,741.18	792,022.52	32.225568	-103.522662
12,147.00	58.99	180.49	12,017.42	-124.12	-585.39	446,666.38	792,024.95	32.225362	-103.522656
12,241.00	64.82	181.78	12,061.67	-206.98	-587.05	446,583.52	792,023.28	32.225135	-103.522663
12,331.00	74.82	178.50	12,092.69	-291.34	-587.18	446,499.16	792,023.16	32.224903	-103.522666
12,357.83	78.80	178.83	12,098.81	-317.45	-586.58	446,473.05	792,023.76	32.224831	-103.522664
CSL Sec 12 into 13 - 12357.83 MD 12098.81 TVD									
12,420.00	88.02	179.58	12,105.94	-379.13	-585.73	446,411.37	792,024.61	32.224662	-103.522663
12,458.09	88.42	179.30	12,107.12	-417.20	-585.35	446,373.30	792,024.99	32.224557	-103.522663
FTP 100 FNL - 12458.09 MD 12107.12 TVD									
12,510.00	88.96	178.91	12,108.31	-469.09	-584.54	446,321.41	792,025.80	32.224414	-103.522662
12,600.00	87.89	179.00	12,110.78	-559.04	-582.90	446,231.46	792,027.44	32.224167	-103.522658
12,689.00	87.79	179.91	12,114.14	-647.97	-582.05	446,142.53	792,028.28	32.223923	-103.522658
12,779.00	88.05	180.24	12,117.40	-737.92	-582.17	446,052.58	792,028.17	32.223675	-103.522660
12,868.00	87.69	179.86	12,120.71	-826.85	-582.25	445,963.65	792,028.09	32.223431	-103.522663
12,958.00	88.73	179.90	12,123.52	-916.81	-582.06	445,873.69	792,028.28	32.223184	-103.522664
13,047.00	89.06	181.26	12,125.24	-1,005.78	-582.96	445,784.72	792,027.38	32.222939	-103.522670
13,137.00	88.22	180.93	12,127.37	-1,095.74	-584.68	445,694.76	792,025.66	32.222692	-103.522677
13,226.00	89.06	180.19	12,129.49	-1,184.71	-585.55	445,605.79	792,024.79	32.222447	-103.522682
13,316.00	88.36	180.65	12,131.51	-1,274.69	-586.21	445,515.81	792,024.13	32.222200	-103.522687
13,405.00	88.05	181.09	12,134.30	-1,363.63	-587.56	445,426.87	792,022.78	32.221956	-103.522693
13,495.00	90.70	180.44	12,135.28	-1,453.61	-588.76	445,336.89	792,021.58	32.221708	-103.522699
13,585.00	90.44	179.89	12,134.39	-1,543.60	-589.02	445,246.90	792,021.32	32.221461	-103.522702
13,674.00	90.23	179.60	12,133.87	-1,632.60	-588.62	445,157.90	792,021.71	32.221216	-103.522703
13,764.00	89.87	180.28	12,133.79	-1,722.60	-588.53	445,067.90	792,021.81	32.220969	-103.522705
13,853.00	87.79	181.13	12,135.61	-1,811.57	-589.63	444,978.93	792,020.71	32.220724	-103.522711
13,943.00	86.85	180.22	12,139.81	-1,901.46	-590.68	444,889.04	792,019.65	32.220477	-103.522716
14,033.00	84.90	178.99	12,146.29	-1,991.22	-590.07	444,799.28	792,020.27	32.220231	-103.522717
14,122.00	88.09	180.06	12,151.73	-2,080.04	-589.33	444,710.46	792,021.01	32.219986	-103.522716
14,211.00	86.48	179.11	12,155.94	-2,168.93	-588.69	444,621.57	792,021.65	32.219742	-103.522716
14,301.00	89.16	175.15	12,159.37	-2,258.73	-584.18	444,531.77	792,026.15	32.219495	-103.522704
14,391.00	89.53	177.31	12,160.40	-2,348.52	-578.27	444,441.98	792,032.07	32.219248	-103.522687
14,480.00	89.66	180.85	12,161.03	-2,437.50	-576.84	444,353.00	792,033.50	32.219004	-103.522685
14,569.00	89.80	179.56	12,161.45	-2,526.49	-577.16	444,264.01	792,033.18	32.218759	-103.522688
14,659.00	89.16	180.95	12,162.26	-2,616.48	-577.56	444,174.02	792,032.78	32.218512	-103.522691
14,749.00	87.38	181.22	12,165.58	-2,706.41	-579.64	444,084.09	792,030.70	32.218210	-103.522701
14,838.00	87.08	180.97	12,168.92	-2,795.32	-580.96	443,995.18	792,029.38	32.218020	-103.522707
14,928.00	86.41	180.41	12,174.03	-2,885.16	-582.04	443,905.34	792,028.30	32.217773	-103.522712
15,018.00	85.91	179.52	12,180.06	-2,974.96	-581.98	443,815.54	792,028.35	32.217526	-103.522714
15,107.00	89.73	181.03	12,183.44	-3,063.88	-582.41	443,726.62	792,027.93	32.217282	-103.522718
15,197.00	89.66	181.30	12,183.92	-3,153.86	-584.24	443,636.64	792,026.10	32.217035	-103.522726
15,286.00	89.26	180.67	12,184.76	-3,242.84	-585.77	443,547.66	792,024.57	32.216790	-103.522733
15,376.00	87.89	180.19	12,187.00	-3,332.81	-586.45	443,457.69	792,023.89	32.216543	-103.522738
15,465.00	86.75	180.00	12,191.16	-3,421.71	-586.59	443,368.79	792,023.74	32.216299	-103.522740
15,555.00	86.85	179.08	12,196.18	-3,511.56	-585.87	443,278.94	792,024.46	32.216052	-103.522740
15,644.00	86.75	178.57	12,201.15	-3,600.40	-584.05	443,190.10	792,026.29	32.215807	-103.522736
15,734.00	86.07	178.04	12,206.79	-3,690.19	-581.39	443,100.31	792,028.94	32.215561	-103.522730
15,823.00	88.09	179.47	12,211.32	-3,779.04	-579.46	443,011.46	792,030.87	32.215316	-103.522726
15,912.00	88.16	178.98	12,214.23	-3,867.99	-578.26	442,922.51	792,032.08	32.215072	-103.522724
16,002.00	87.68	177.95	12,217.50	-3,957.90	-575.85	442,832.60	792,034.49	32.214825	-103.522719
16,091.00	87.42	178.05	12,221.30	-4,046.76	-572.75	442,743.74	792,037.59	32.214580	-103.522711
16,181.00	86.71	177.94	12,225.91	-4,136.59	-569.60	442,653.91	792,040.73	32.214333	-103.522703



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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
16,270.00	87.69	178.30	12,230.26	-4,225.43	-566.69	442,565.07	792,043.65	32.214089	-103.522695
16,300.00	88.29	178.49	12,231.31	-4,255.40	-565.85	442,535.10	792,044.49	32.214007	-103.522693
16,389.00	87.35	179.15	12,234.70	-4,344.32	-564.02	442,446.18	792,046.32	32.213762	-103.522690
16,479.00	85.67	178.63	12,240.18	-4,434.13	-562.28	442,356.37	792,048.06	32.213515	-103.522686
16,569.00	85.87	178.39	12,246.81	-4,523.85	-559.94	442,266.65	792,050.39	32.213269	-103.522681
16,658.00	87.25	178.97	12,252.15	-4,612.67	-557.90	442,177.83	792,052.44	32.213025	-103.522676
16,748.00	88.12	179.38	12,255.79	-4,702.58	-556.60	442,087.92	792,053.74	32.212777	-103.522674
16,837.00	88.56	178.86	12,258.37	-4,791.53	-555.24	441,998.97	792,055.10	32.212533	-103.522672
16,927.00	88.99	179.19	12,260.29	-4,881.50	-553.70	441,909.00	792,056.63	32.212286	-103.522669
17,016.00	88.66	178.93	12,262.12	-4,970.47	-552.24	441,820.03	792,058.09	32.212041	-103.522667
17,106.00	88.02	178.59	12,264.72	-5,060.41	-550.30	441,730.09	792,060.04	32.211794	-103.522663
17,195.00	89.56	180.84	12,266.60	-5,149.38	-549.86	441,641.12	792,060.48	32.211549	-103.522664
17,285.00	89.06	180.54	12,267.69	-5,239.37	-550.94	441,551.13	792,059.40	32.211302	-103.522669
17,374.00	89.97	180.58	12,268.44	-5,328.36	-551.81	441,462.14	792,058.53	32.211057	-103.522674
17,464.00	91.31	181.06	12,267.44	-5,418.34	-553.10	441,372.16	792,057.24	32.210810	-103.522681
17,553.00	91.14	182.18	12,265.53	-5,507.28	-555.61	441,283.22	792,054.72	32.210565	-103.522691
17,639.14	87.02	182.02	12,266.92	-5,593.34	-558.76	441,197.16	792,051.57	32.210329	-103.522703
CSL Sec 13 into 24 - 17639.14 MD 12266.92 TVD									
17,642.00	86.88	182.01	12,267.07	-5,596.19	-558.87	441,194.31	792,051.47	32.210321	-103.522704
17,732.00	86.11	182.25	12,272.57	-5,685.96	-562.20	441,104.54	792,048.13	32.210075	-103.522717
17,821.00	87.42	181.94	12,277.59	-5,774.76	-565.45	441,015.74	792,044.89	32.209831	-103.522729
17,911.00	87.32	181.50	12,281.72	-5,864.62	-568.15	440,925.88	792,042.19	32.209584	-103.522740
18,001.00	86.48	180.77	12,286.59	-5,954.47	-569.93	440,836.03	792,040.41	32.209337	-103.522748
18,090.00	87.82	180.59	12,291.02	-6,043.35	-570.99	440,747.15	792,039.35	32.209092	-103.522754
18,180.00	87.12	179.97	12,294.99	-6,133.26	-571.43	440,657.24	792,038.91	32.208845	-103.522757
18,269.00	89.03	180.58	12,297.98	-6,222.21	-571.85	440,568.29	792,038.49	32.208601	-103.522761
18,359.00	89.66	180.25	12,299.01	-6,312.20	-572.50	440,478.30	792,037.83	32.208353	-103.522765
18,448.00	89.80	180.88	12,299.43	-6,401.19	-573.38	440,389.31	792,036.96	32.208109	-103.522770
18,538.00	88.86	181.10	12,300.48	-6,491.17	-574.94	440,299.33	792,035.40	32.207862	-103.522777
18,627.00	89.97	182.24	12,301.39	-6,580.13	-577.53	440,210.37	792,032.81	32.207617	-103.522788
18,717.00	86.21	181.54	12,304.39	-6,670.01	-580.50	440,120.49	792,029.84	32.207370	-103.522800
18,806.00	85.71	181.67	12,310.66	-6,758.75	-582.98	440,031.75	792,027.35	32.207126	-103.522810
18,896.00	86.51	180.26	12,316.76	-6,848.53	-584.50	439,941.97	792,025.84	32.206879	-103.522817
18,985.00	87.08	179.86	12,321.74	-6,937.39	-584.59	439,853.11	792,025.75	32.206635	-103.522819
19,075.00	86.78	179.95	12,326.56	-7,027.26	-584.44	439,763.24	792,025.90	32.206388	-103.522821
19,165.00	88.02	180.14	12,330.64	-7,117.17	-584.51	439,673.33	792,025.83	32.206141	-103.522824
19,254.00	87.48	180.15	12,334.14	-7,206.10	-584.73	439,584.40	792,025.60	32.205897	-103.522826
19,344.00	87.28	180.72	12,338.25	-7,296.00	-585.42	439,494.50	792,024.92	32.205650	-103.522831
19,433.00	88.29	179.59	12,341.69	-7,384.93	-585.66	439,405.57	792,024.68	32.205405	-103.522834
19,523.00	88.93	178.89	12,343.87	-7,474.90	-584.46	439,315.60	792,025.87	32.205158	-103.522832
19,612.00	88.22	178.72	12,346.09	-7,563.85	-582.61	439,226.65	792,027.73	32.204913	-103.522828
19,702.00	90.57	177.99	12,347.04	-7,653.80	-580.03	439,136.70	792,030.31	32.204666	-103.522822
19,791.00	90.91	178.46	12,345.89	-7,742.75	-577.27	439,047.75	792,033.07	32.204421	-103.522815
19,880.00	87.95	177.88	12,346.77	-7,831.69	-574.43	438,958.81	792,035.91	32.204177	-103.522808
19,970.00	87.15	177.86	12,350.62	-7,921.54	-571.09	438,868.96	792,039.25	32.203930	-103.522800
20,059.00	87.49	176.79	12,354.78	-8,010.35	-566.94	438,780.15	792,043.40	32.203686	-103.522789
20,148.00	88.12	177.16	12,358.19	-8,099.16	-562.24	438,691.34	792,048.09	32.203442	-103.522775
20,238.00	87.92	176.67	12,361.30	-8,188.97	-557.40	438,601.53	792,052.94	32.203195	-103.522762
20,327.00	87.92	176.79	12,364.53	-8,277.77	-552.33	438,512.73	792,058.01	32.202950	-103.522748
20,417.00	87.01	176.41	12,368.51	-8,367.52	-547.00	438,422.98	792,063.34	32.202704	-103.522733
20,507.00	85.57	176.24	12,374.33	-8,457.15	-541.24	438,333.35	792,069.10	32.202457	-103.522716
20,596.00	86.78	177.76	12,380.27	-8,545.82	-536.59	438,244.68	792,073.74	32.202213	-103.522703
20,685.00	88.66	179.74	12,383.81	-8,634.72	-534.66	438,155.78	792,075.68	32.201969	-103.522699
20,775.00	89.97	180.92	12,384.89	-8,724.71	-535.17	438,065.79	792,075.16	32.201722	-103.522703
20,864.00	87.95	178.33	12,386.50	-8,813.68	-534.59	437,976.82	792,075.75	32.201477	-103.522704



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Broadside 13-24 Fed Com 4H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Site:	Broadside 13-24 Fed Com	MD Reference:	Cactus 135 3601.5 GL 30 KB @ 3631.50usft
Well:	Broadside 13-24 Fed Com 4H	North Reference:	Grid
Wellbore:	OH Wellbore	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
20,953.00	88.12	178.82	12,389.56	-8,902.60	-532.38	437,887.90	792,077.96	32.201233	-103.522699
21,043.00	87.85	178.95	12,392.72	-8,992.53	-530.63	437,797.97	792,079.71	32.200985	-103.522695
21,132.00	87.62	179.00	12,396.24	-9,081.45	-529.04	437,709.05	792,081.30	32.200741	-103.522692
21,222.00	86.88	178.97	12,400.56	-9,171.33	-527.45	437,619.17	792,082.89	32.200494	-103.522689
21,311.00	87.45	179.91	12,404.96	-9,260.21	-526.58	437,530.29	792,083.76	32.200249	-103.522688
21,401.00	86.54	179.15	12,409.68	-9,350.08	-525.84	437,440.42	792,084.50	32.200002	-103.522688
21,491.00	86.64	178.63	12,415.03	-9,439.91	-524.10	437,350.59	792,086.24	32.199755	-103.522685
21,581.00	87.62	179.48	12,419.54	-9,529.78	-522.62	437,260.72	792,087.72	32.199508	-103.522682
21,670.00	89.09	179.91	12,422.09	-9,618.74	-522.14	437,171.76	792,088.19	32.199264	-103.522683
21,760.00	88.89	179.89	12,423.68	-9,708.73	-521.99	437,081.77	792,088.35	32.199017	-103.522685
21,850.00	88.32	179.75	12,425.87	-9,798.70	-521.71	436,991.80	792,088.63	32.198769	-103.522686
21,939.00	87.75	179.80	12,428.92	-9,887.65	-521.36	436,902.85	792,088.98	32.198525	-103.522687
22,029.00	87.62	179.85	12,432.55	-9,977.57	-521.08	436,812.93	792,089.26	32.198278	-103.522688
22,119.00	86.98	180.17	12,436.79	-10,067.47	-521.10	436,723.03	792,089.24	32.198030	-103.522690
22,209.00	86.48	180.19	12,441.93	-10,157.32	-521.38	436,633.18	792,088.96	32.197784	-103.522694
22,298.00	88.96	179.50	12,445.47	-10,246.25	-521.14	436,544.25	792,089.20	32.197539	-103.522695
22,388.00	89.33	179.26	12,446.81	-10,336.23	-520.16	436,454.27	792,090.17	32.197292	-103.522694
22,477.00	90.30	179.18	12,447.10	-10,425.22	-518.95	436,365.28	792,091.38	32.197047	-103.522692
22,567.00	91.44	179.78	12,445.73	-10,515.20	-518.14	436,275.30	792,092.20	32.196800	-103.522692
22,657.00	89.60	179.08	12,444.92	-10,605.19	-517.24	436,185.31	792,093.10	32.196552	-103.522691
22,746.00	89.09	178.55	12,445.93	-10,694.17	-515.40	436,096.33	792,094.94	32.196308	-103.522687
22,767.00	88.89	178.54	12,446.30	-10,715.16	-514.87	436,075.34	792,095.47	32.196250	-103.522686
22,823.51	88.89	178.54	12,447.40	-10,771.64	-513.43	436,018.86	792,096.91	32.196095	-103.522683
LTP 100 FSL - 22823.51 MD 12447.4 TVD									
22,826.00	88.89	178.54	12,447.45	-10,774.13	-513.36	436,016.37	792,096.97	32.196088	-103.522683
Actual BH: 97.3 FSL 1651.6 FEL - 22826 MD 12447.45 TVD - Y-436016.37 X-792096.98 - 32.196088° N 103.522682° W									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
12,357.83	12,098.81	-317.45	-586.58	CSL Sec 12 into 13	
12,357.83	12,098.81	-317.45	-586.58	12357.83 MD 12098.81 TVD	
12,458.09	12,107.12	-417.20	-585.35	FTP 100 FNL	
12,458.09	12,107.12	-417.20	-585.35	12458.09 MD 12107.12 TVD	
17,639.14	12,266.92	-5,593.34	-558.76	CSL Sec 13 into 24	
17,639.14	12,266.92	-5,593.34	-558.76	17639.14 MD 12266.92 TVD	
22,823.51	12,447.40	-10,771.64	-513.43	LTP 100 FSL	
22,823.51	12,447.40	-10,771.64	-513.43	22823.51 MD 12447.4 TVD	
22,826.00	12,447.45	-10,774.13	-513.36	Actual BH: 97.3 FSL 1651.6 FEL	
22,826.00	12,447.45	-10,774.13	-513.36	22826 MD 12447.45 TVD	
22,826.00	12,447.45	-10,774.13	-513.36	Y-436016.37 X-792096.98	
22,826.00	12,447.45	-10,774.13	-513.36	32.196088° N 103.522682° W	

Checked By: _____ Approved By: _____ Date: _____

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised August 1, 2011

WELL API NO.	30-025-49262
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Broadside 13-24 Fed Com	
8. Well Number	4H
9. OGRID Number	6137
10. Pool name or Wildcat WC-025 G-09 S243310P; UPPER WOLFCAMP	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator	Devon Energy Production Company, L.P.
3. Address of Operator	333 West Sheridan, Oklahoma City, OK 73102
4. Well Location Unit Letter <u>P</u> : <u>314</u> feet from the <u>South</u> line and <u>1004</u> feet from the <u>East</u> line Section <u>12</u> Township <u>24S</u> Range <u>33E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3601.5'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: Completion ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12/30/21-2/28/22: MIRU WL & PT. Production cmt verified to surf. No logs ran. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 12508'-22803'. Frac totals 26,118,750# proppant, 0 bbl acid.
 ND frac, MIRU PU, NU BOP, DO plugs & CO to PBDT 22813'. CHC, FWB, ND BOP. Tubing will be run at later date. TOP.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Shayda Omoumi TITLE Regulatory Compliance Associate DATE 3/15/2022
 Type or print name Shayda Omoumi E-mail address: shayda.omoumi@dmn.com PHONE: 405-552-3513
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
		1. WELL API NO. 30-025-49262								
		2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Broadside 13-24 Fed Com				
						6. Well Number: 4H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Devon Energy Production Company, L.P.						9. OGRID 6137				
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102						11. Pool name or Wildcat WC-025 G-09 S243310P; UPPER WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	12	24S	33E		314	South	1004	East	Lea
BH:	O	24	24S	33E		97	South	1601	East	Lea
13. Date Spudded 11/4/21	14. Date T.D. Reached 11/30/21	15. Date Rig Released 12/2/21		16. Date Completed (Ready to Produce) 2/28/22		17. Elevations (DF and RKB, RT, GR, etc.) 3601.5' GL				
18. Total Measured Depth of Well 22826 MD, 12448 TVD		19. Plug Back Measured Depth 22813		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CMT to SURF, no logs ran				
22. Producing Interval(s), of this completion - Top, Bottom, Name 12508-22803, UPPER WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.	DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
13-3/8"	54.5	1365		17-1/2"		1125 sx C/C; circ 486 sx				
8-5/8"	32	11560		9-7/8"		640 sx C/C; circ 51 sx				
5-1/2"	20	22816		7-7/8"		2990 sx cmt; circ 304 sx				
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
26. Perforation record (interval, size, and number) 12508 - 22803, total 1504 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12508-22803 Acidize and frac in 51 stages. See detailed summary attached.				
28. PRODUCTION										
Date First Production 2/28/22		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 3/14/22	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1992	Gas - MCF 5160	Water - Bbl. 4104	Gas - Oil Ratio 2590			
Flow Tubing Press. psi	Casing Pressure 2478 psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Shayda Omoumi</i>			Printed Name Shayda Omoumi		Title Regulatory Compliance Associate		Date 3/22/2022			
E-mail Address shayda.omoumi@dvn.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

[illegible]

No. 1, from..... N/Ato..... N/A
 No. 2, from..... N/Ato..... N/A
 No. 3, from..... N/Ato..... N/A
 No. 4, from..... N/Ato..... N/A

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

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

ACKNOWLEDGMENTS

Action 92303

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 92303
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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1000 Rio Brazos Rd., Aztec, NM 87410
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District IV
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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 92303

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 92303
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/11/2023