

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 / 8/1/22
⁴ API Number 30-025-47413	⁵ Pool Name JABALINA; WOLFCAMP, SOUTHWEST	⁶ Pool Code 96776
⁷ Property Code 331539 -328845	⁸ Property Name Muskie 23-11 Fed Com	⁹ Well Number 3H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	26S	34E		2316	North	1722	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
C	11	26S	34E		100	North	1478	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/1/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

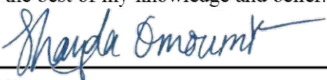
III. Oil and Gas Transporters

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
014035	Marathon P.O. Box 552 Midland, TX 79702	Oil

IV. Well Completion Data

²¹ Spud Date 1/28/22	²² Ready Date 8/1/22	²³ TD 25670	²⁴ PBTd 25,660 MD/12,626 TVD	²⁵ Perforations 12932 - 25647	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13-1/2"	10-3/4"	1111	560 sx CLC; Circ 209 sx		
9-7/8"	8-5/8"	11975	660 sx CLC ; Circ 37 sx		
7-7/8"	5-1/2"	25660	3325 sx CLH; Circ 76 sx		
	Tubing:	0			

V. Well Test Data

³¹ Date New Oil 8/16/22	³² Gas Delivery Date 8/16/22	³³ Test Date 8/16/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 49 psi	³⁶ Csg. Pressure 1007 psi
³⁷ Choke Size N/A	³⁸ Oil 1296 bbl	³⁹ Water 6269 bbl	⁴⁰ Gas 291 mcf		⁴¹ Test Method flowing
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: 			OIL CONSERVATION DIVISION		
Printed name: Shayda Omoumi			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Compliance Professional			Title: PETROLEUM SPECIALIST		
E-mail Address: shayda.omoumi@dvn.com			Approval Date: 6/17/2024		
Date: 8/19/2022		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 30-025-47413	Pool Code 96776	Pool Name JABALINA;WOLFCAMP, SOUTHWEST
Property Code 328845	Property Name MUSKIE 23-11 FED COM	Well Number 3H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3209.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	26-S	34-E		2316	NORTH	1722	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
C	11	26-S	34-E		100	NORTH	1478	WEST	LEA
Dedicated Acres 800	Joint or Infill	Consolidation Code	Order No.						

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

MUSKIE 23-11 FED COM 3H

EL: 3209.1'
LAT:32.029792
LON:103.443696
N:375712.18
E:817030.27

KICK OFF POINT

2627' FSL 1389' FWL SEC. 23
LAT:32.028848
LON:103.444769
N:375365.82
E:816700.42

FIRST TAKE POINT

1307' FNL 1359' FWL SEC. 23
LAT:32.032571
LON:103.444868
N:376720.05
E:816658.67

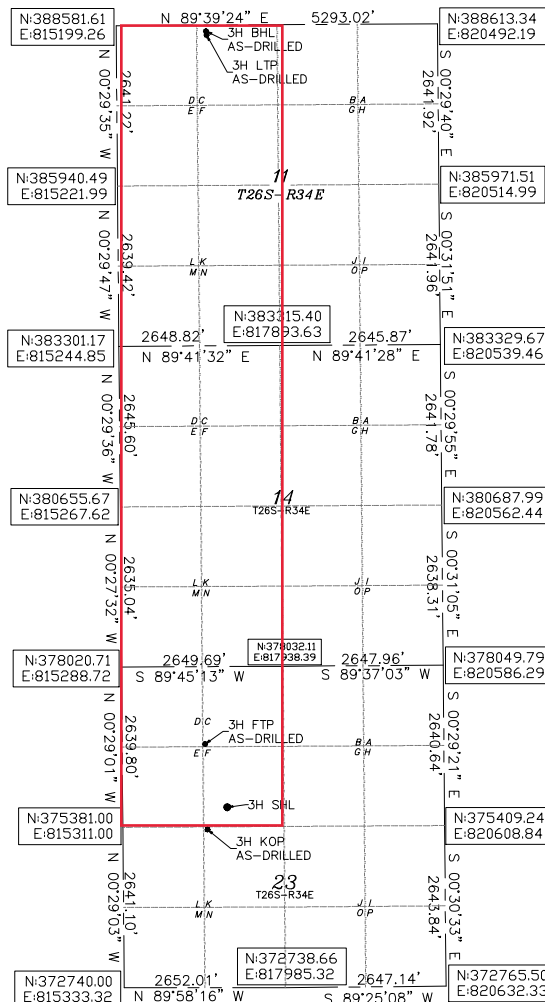
LAST TAKE POINT

123' FNL 1480' FWL SEC. 11
LAT:32.064861
LON:103.444486
N:388467.74
E:816680.15

BOTTOM OF HOLE

LAT:32.064924
LON:103.444491
N:388490.68
E:816678.47

Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.



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: 7/21/2022

Printed Name: Shayda Omoumi

shayda.omoumi@dvn.com

E-mail Address

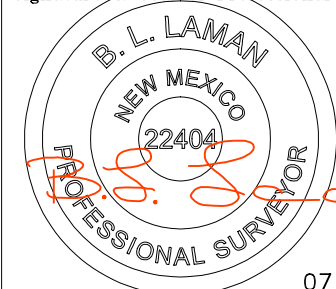
SURVEYOR CERTIFICATION

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.

03/21/2022

Date of Survey

Signature & Seal of Professional Surveyor



07/15/22

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)

Muskie 23-11 Fed Com

Muskie 23-11 Fed Com 3H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

21 March, 2022

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskie 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskie 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskie 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

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

Site		Muskie 23-11 Fed Com			
Site Position:		Northing:	375,712.05 usft	Latitude:	32.0297924
From:	Map	Easting:	817,000.27 usft	Longitude:	-103.4437923
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47 °

Well	Muskie 23-11 Fed Com 3H					
Well Position	+N/-S	0.00 usft	Northing:	375,712.18 usft	Latitude:	32.0297921
	+E/-W	0.00 usft	Easting:	817,030.27 usft	Longitude:	-103.4436955
Position Uncertainty		0.50 usft	Wellhead Elevation:	usft	Ground Level:	3,209.10 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	12/23/2021	6.32	59.62	47,396.20000000

Design	Wellbore #1				
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	358.42	

Survey Program	Date	3/21/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	25,670.00	Survey #1 (Wellbore #1)	MWD+HRGM	OWSG MWD + HRGM	

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	375,712.18	817,030.27	32.0297921	-103.4436955
180.00	0.66	336.05	180.00	0.95	-0.42	375,713.13	817,029.85	32.0297947	-103.4436969
273.00	0.79	330.86	272.99	2.00	-0.95	375,714.18	817,029.32	32.0297976	-103.4436986
367.00	0.88	337.19	366.98	3.23	-1.55	375,715.41	817,028.72	32.0298010	-103.4437004
460.00	0.92	329.28	459.97	4.53	-2.20	375,716.71	817,028.06	32.0298046	-103.4437025
554.00	0.92	321.19	553.96	5.77	-3.06	375,717.94	817,027.21	32.0298080	-103.4437053
647.00	1.05	315.04	646.94	6.95	-4.13	375,719.13	817,026.14	32.0298113	-103.4437087
741.00	1.19	304.76	740.92	8.12	-5.54	375,720.29	817,024.73	32.0298145	-103.4437132
834.00	1.32	304.58	833.90	9.27	-7.22	375,721.45	817,023.05	32.0298178	-103.4437186
927.00	1.27	305.28	926.88	10.48	-8.94	375,722.66	817,021.33	32.0298211	-103.4437241
1,020.00	1.19	292.63	1,019.86	11.44	-10.67	375,723.62	817,019.59	32.0298238	-103.4437297
1,043.00	1.19	296.14	1,042.85	11.64	-11.11	375,723.82	817,019.16	32.0298244	-103.4437311

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskie 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskie 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskie 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,173.00	0.84	295.26	1,172.83	12.64	-13.18	375,724.82	817,017.09	32.0298272	-103.4437377
1,267.00	1.49	170.90	1,266.82	11.73	-13.61	375,723.91	817,016.66	32.0298247	-103.4437392
1,360.00	2.24	163.16	1,359.77	8.80	-12.90	375,720.98	817,017.37	32.0298166	-103.4437369
1,454.00	2.07	160.44	1,453.70	5.44	-11.79	375,717.62	817,018.47	32.0298073	-103.4437335
1,549.00	2.11	161.85	1,548.64	2.16	-10.68	375,714.34	817,019.59	32.0297983	-103.4437299
1,645.00	2.24	155.69	1,644.57	-1.23	-9.35	375,710.95	817,020.92	32.0297889	-103.4437258
1,741.00	2.15	159.03	1,740.50	-4.62	-7.94	375,707.56	817,022.33	32.0297796	-103.4437213
1,836.00	2.37	181.27	1,835.43	-8.25	-7.34	375,703.93	817,022.93	32.0297696	-103.4437195
1,932.00	2.64	204.47	1,931.34	-12.24	-8.30	375,699.93	817,021.97	32.0297586	-103.4437227
2,027.00	2.73	200.34	2,026.24	-16.36	-9.99	375,695.82	817,020.27	32.0297474	-103.4437282
2,122.00	3.82	222.05	2,121.08	-20.83	-12.90	375,691.35	817,017.37	32.0297351	-103.4437377
2,218.00	6.20	220.12	2,216.71	-27.17	-18.38	375,685.01	817,011.89	32.0297178	-103.4437556
2,313.00	6.37	215.99	2,311.14	-35.36	-24.79	375,676.82	817,005.48	32.0296955	-103.4437765
2,408.00	6.46	212.73	2,405.54	-44.12	-30.77	375,668.06	816,999.50	32.0296715	-103.4437960
2,504.00	6.24	209.04	2,500.96	-53.22	-36.22	375,658.96	816,994.04	32.0296466	-103.4438138
2,599.00	6.33	208.16	2,595.38	-62.35	-41.20	375,649.83	816,989.07	32.0296217	-103.4438301
2,694.00	6.37	204.30	2,689.80	-71.77	-45.84	375,640.41	816,984.43	32.0295959	-103.4438454
2,790.00	6.51	203.95	2,785.20	-81.60	-50.24	375,630.58	816,980.02	32.0295690	-103.4438598
2,885.00	6.20	200.69	2,879.61	-91.32	-54.24	375,620.86	816,976.03	32.0295423	-103.4438730
2,980.00	5.80	197.00	2,974.09	-100.71	-57.46	375,611.47	816,972.81	32.0295166	-103.4438836
3,075.00	5.41	191.20	3,068.64	-109.69	-59.73	375,602.49	816,970.54	32.0294920	-103.4438912
3,171.00	5.85	198.50	3,164.18	-118.77	-62.16	375,593.41	816,968.11	32.0294671	-103.4438993
3,267.00	5.58	195.95	3,259.70	-127.90	-65.00	375,584.28	816,965.27	32.0294420	-103.4439087
3,362.00	5.32	200.78	3,354.27	-136.46	-67.83	375,575.72	816,962.44	32.0294186	-103.4439180
3,457.00	6.64	222.31	3,448.76	-144.64	-73.09	375,567.54	816,957.18	32.0293962	-103.4439352
3,553.00	6.86	227.06	3,544.10	-152.65	-81.02	375,559.53	816,949.24	32.0293744	-103.4439610
3,648.00	6.20	225.04	3,638.48	-160.14	-88.81	375,552.04	816,941.46	32.0293539	-103.4439863
3,743.00	5.85	224.16	3,732.96	-167.24	-95.81	375,544.94	816,934.46	32.0293346	-103.4440091
3,839.00	6.68	226.53	3,828.38	-174.59	-103.27	375,537.59	816,927.00	32.0293146	-103.4440334
3,934.00	6.68	226.27	3,922.74	-182.21	-111.27	375,529.97	816,919.00	32.0292938	-103.4440594
4,029.00	5.67	228.91	4,017.19	-189.11	-118.80	375,523.07	816,911.47	32.0292750	-103.4440839
4,125.00	4.57	229.43	4,112.80	-194.72	-125.28	375,517.46	816,904.99	32.0292597	-103.4441050
4,220.00	4.66	235.85	4,207.49	-199.35	-131.35	375,512.83	816,898.92	32.0292471	-103.4441247
4,315.00	6.73	241.47	4,302.02	-204.17	-139.44	375,508.01	816,890.83	32.0292341	-103.4441509
4,410.00	6.77	243.76	4,396.36	-209.31	-149.35	375,502.87	816,880.92	32.0292202	-103.4441830
4,506.00	6.51	247.98	4,491.72	-213.85	-159.47	375,498.33	816,870.80	32.0292079	-103.4442158
4,601.00	5.41	241.30	4,586.20	-218.02	-168.39	375,494.16	816,861.88	32.0291967	-103.4442447
4,697.00	4.31	224.25	4,681.86	-222.77	-174.88	375,489.40	816,855.39	32.0291837	-103.4442657
4,792.00	4.97	207.11	4,776.56	-229.00	-179.24	375,483.18	816,851.02	32.0291667	-103.4442800
4,888.00	5.32	199.73	4,872.17	-236.89	-182.64	375,475.29	816,847.63	32.0291451	-103.4442911
4,983.00	5.45	191.55	4,966.75	-245.45	-185.03	375,466.73	816,845.24	32.0291216	-103.4442991
5,079.00	5.27	181.71	5,062.33	-254.33	-186.08	375,457.85	816,844.19	32.0290973	-103.4443027
5,175.00	3.43	180.92	5,158.05	-261.60	-186.25	375,450.57	816,844.01	32.0290773	-103.4443035
5,271.00	1.89	213.17	5,253.95	-265.80	-187.17	375,446.38	816,843.10	32.0290657	-103.4443065
5,366.00	1.85	219.33	5,348.90	-268.30	-189.00	375,443.88	816,841.27	32.0290589	-103.4443125
5,461.00	1.76	215.20	5,443.85	-270.68	-190.81	375,441.50	816,839.46	32.0290524	-103.4443184
5,557.00	1.67	212.30	5,539.81	-273.06	-192.41	375,439.11	816,837.86	32.0290459	-103.4443236
5,653.00	1.76	212.03	5,635.77	-275.50	-193.94	375,436.68	816,836.33	32.0290392	-103.4443286
5,748.00	1.63	207.72	5,730.73	-277.93	-195.34	375,434.25	816,834.93	32.0290326	-103.4443332
5,844.00	1.63	205.00	5,826.69	-280.38	-196.55	375,431.80	816,833.72	32.0290259	-103.4443372
5,940.00	1.45	207.99	5,922.65	-282.69	-197.70	375,429.49	816,832.57	32.0290196	-103.4443409
6,035.00	1.58	205.53	6,017.62	-284.93	-198.83	375,427.25	816,831.44	32.0290134	-103.4443446
6,130.00	1.54	212.03	6,112.59	-287.19	-200.07	375,424.99	816,830.20	32.0290072	-103.4443487
6,226.00	1.45	211.94	6,208.55	-289.32	-201.39	375,422.86	816,828.87	32.0290014	-103.4443530
6,321.00	1.23	208.87	6,303.53	-291.23	-202.52	375,420.95	816,827.75	32.0289962	-103.4443567

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskies 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskies 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskies 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,417.00	1.23	215.63	6,399.50	-292.97	-203.62	375,419.21	816,826.65	32.0289914	-103.4443603
6,512.00	1.36	210.01	6,494.48	-294.77	-204.78	375,417.40	816,825.49	32.0289865	-103.4443641
6,608.00	0.57	154.46	6,590.47	-296.19	-205.14	375,415.99	816,825.13	32.0289826	-103.4443653
6,703.00	0.92	74.39	6,685.46	-296.41	-204.20	375,415.77	816,826.07	32.0289820	-103.4443623
6,799.00	0.75	79.76	6,781.45	-296.09	-202.84	375,416.08	816,827.43	32.0289828	-103.4443579
6,894.00	0.66	70.44	6,876.44	-295.80	-201.71	375,416.38	816,828.55	32.0289836	-103.4443542
6,990.00	0.62	64.11	6,972.44	-295.39	-200.73	375,416.79	816,829.54	32.0289847	-103.4443511
7,085.00	0.44	65.17	7,067.43	-295.01	-199.93	375,417.17	816,830.34	32.0289857	-103.4443485
7,181.00	0.53	40.47	7,163.43	-294.52	-199.31	375,417.66	816,830.96	32.0289871	-103.4443465
7,276.00	0.22	47.94	7,258.43	-294.06	-198.89	375,418.12	816,831.38	32.0289883	-103.4443451
7,371.00	0.13	171.25	7,353.43	-294.05	-198.74	375,418.13	816,831.53	32.0289884	-103.4443446
7,467.00	0.13	85.12	7,449.43	-294.14	-198.61	375,418.03	816,831.66	32.0289881	-103.4443442
7,562.00	0.13	111.66	7,544.43	-294.18	-198.41	375,418.00	816,831.86	32.0289880	-103.4443435
7,658.00	0.26	53.30	7,640.43	-294.09	-198.13	375,418.09	816,832.14	32.0289882	-103.4443426
7,754.00	0.26	32.65	7,736.43	-293.77	-197.84	375,418.41	816,832.43	32.0289891	-103.4443417
7,849.00	0.31	72.46	7,831.43	-293.51	-197.48	375,418.67	816,832.79	32.0289898	-103.4443405
7,945.00	0.18	44.25	7,927.42	-293.33	-197.12	375,418.85	816,833.15	32.0289903	-103.4443394
8,040.00	0.22	232.51	8,022.42	-293.33	-197.16	375,418.85	816,833.10	32.0289903	-103.4443395
8,135.00	0.40	268.02	8,117.42	-293.45	-197.64	375,418.73	816,832.63	32.0289900	-103.4443410
8,231.00	0.62	261.34	8,213.42	-293.54	-198.49	375,418.64	816,831.78	32.0289897	-103.4443438
8,326.00	0.70	233.56	8,308.41	-293.96	-199.46	375,418.21	816,830.81	32.0289886	-103.4443469
8,422.00	0.88	228.03	8,404.40	-294.81	-200.48	375,417.37	816,829.79	32.0289863	-103.4443502
8,517.00	0.92	233.21	8,499.39	-295.75	-201.64	375,416.43	816,828.63	32.0289838	-103.4443540
8,613.00	0.88	225.74	8,595.38	-296.73	-202.78	375,415.45	816,827.49	32.0289811	-103.4443577
8,708.00	0.84	227.68	8,690.37	-297.70	-203.82	375,414.47	816,826.45	32.0289784	-103.4443611
8,804.00	1.01	222.40	8,786.36	-298.80	-204.91	375,413.38	816,825.36	32.0289754	-103.4443646
8,899.00	0.84	224.34	8,881.34	-299.92	-205.96	375,412.26	816,824.31	32.0289724	-103.4443681
8,995.00	0.97	216.95	8,977.33	-301.07	-206.94	375,411.11	816,823.33	32.0289692	-103.4443713
9,090.00	0.79	220.47	9,072.32	-302.21	-207.85	375,409.97	816,822.42	32.0289661	-103.4443742
9,186.00	0.88	218.18	9,168.31	-303.30	-208.73	375,408.88	816,821.53	32.0289632	-103.4443771
9,281.00	0.97	222.49	9,263.30	-304.46	-209.73	375,407.72	816,820.54	32.0289600	-103.4443803
9,376.00	0.97	217.48	9,358.29	-305.69	-210.76	375,406.48	816,819.51	32.0289566	-103.4443837
9,471.00	0.88	209.66	9,453.27	-306.97	-211.61	375,405.21	816,818.66	32.0289532	-103.4443865
9,567.00	0.79	201.06	9,549.26	-308.22	-212.21	375,403.95	816,818.05	32.0289497	-103.4443885
9,662.00	0.75	201.40	9,644.25	-309.41	-212.68	375,402.76	816,817.59	32.0289464	-103.4443900
9,746.00	0.75	202.36	9,728.25	-310.43	-213.09	375,401.74	816,817.18	32.0289436	-103.4443913
9,758.00	0.57	197.44	9,740.25	-310.56	-213.13	375,401.61	816,817.13	32.0289433	-103.4443915
9,853.00	0.57	221.35	9,835.24	-311.37	-213.59	375,400.81	816,816.68	32.0289411	-103.4443930
9,949.00	0.40	193.49	9,931.24	-312.05	-213.98	375,400.12	816,816.29	32.0289392	-103.4443943
10,044.00	0.66	194.37	10,026.23	-312.91	-214.19	375,399.27	816,816.07	32.0289369	-103.4443950
10,139.00	0.88	216.34	10,121.23	-314.02	-214.76	375,398.15	816,815.51	32.0289338	-103.4443968
10,234.00	1.19	254.22	10,216.21	-314.88	-216.14	375,397.30	816,814.12	32.0289315	-103.4444013
10,330.00	2.64	271.36	10,312.16	-315.10	-219.31	375,397.08	816,810.95	32.0289310	-103.4444115
10,425.00	3.96	270.74	10,407.00	-315.00	-224.78	375,397.17	816,805.49	32.0289314	-103.4444292
10,521.00	5.10	264.41	10,502.70	-315.38	-232.34	375,396.80	816,797.93	32.0289305	-103.4444536
10,616.00	4.97	266.17	10,597.33	-316.06	-240.65	375,396.12	816,789.62	32.0289288	-103.4444804
10,712.00	4.84	266.52	10,692.98	-316.59	-248.84	375,395.59	816,781.43	32.0289275	-103.4445069
10,808.00	4.70	270.13	10,788.64	-316.82	-256.82	375,395.35	816,773.45	32.0289271	-103.4445326
10,903.00	3.78	268.19	10,883.38	-316.91	-263.84	375,395.26	816,766.43	32.0289270	-103.4445553
10,999.00	3.25	260.37	10,979.20	-317.47	-269.69	375,394.71	816,760.58	32.0289256	-103.4445741
11,094.00	3.25	254.92	11,074.05	-318.62	-274.94	375,393.56	816,755.33	32.0289225	-103.4445911
11,190.00	3.08	253.60	11,169.90	-320.06	-280.04	375,392.12	816,750.22	32.0289187	-103.4446076
11,286.00	2.86	259.23	11,265.78	-321.23	-284.87	375,390.95	816,745.40	32.0289156	-103.4446232
11,381.00	2.64	257.12	11,360.67	-322.16	-289.33	375,390.02	816,740.94	32.0289131	-103.4446376
11,477.00	2.59	253.52	11,456.57	-323.27	-293.57	375,388.91	816,736.70	32.0289102	-103.4446513

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskie 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskie 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskie 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,571.00	4.04	247.19	11,550.41	-325.16	-298.66	375,387.02	816,731.61	32.0289051	-103.4446678
11,666.00	4.40	238.84	11,645.15	-328.34	-304.86	375,383.84	816,725.41	32.0288965	-103.4446879
11,762.00	4.53	232.51	11,740.86	-332.55	-311.02	375,379.63	816,719.25	32.0288851	-103.4447079
11,857.00	4.09	231.46	11,835.59	-336.95	-316.65	375,375.23	816,713.62	32.0288731	-103.4447262
11,926.00	3.78	225.30	11,904.43	-340.08	-320.19	375,372.10	816,710.08	32.0288646	-103.4447377
12,074.00	2.81	222.49	12,052.18	-346.19	-326.10	375,365.99	816,704.16	32.0288479	-103.4447569
12,169.00	0.84	304.76	12,147.14	-347.51	-328.25	375,364.67	816,702.02	32.0288444	-103.4447639
12,264.00	1.58	305.90	12,242.12	-346.34	-329.88	375,365.84	816,700.39	32.0288476	-103.4447691
KOP @ 12264' MD, 2663' FNL, 1392' FWL									
12,360.00	14.99	348.79	12,336.93	-333.32	-333.39	375,378.85	816,696.88	32.0288835	-103.4447801
12,455.00	30.29	3.03	12,424.41	-297.11	-334.52	375,415.07	816,695.75	32.0289830	-103.4447828
12,551.00	39.21	7.33	12,503.22	-242.72	-329.35	375,469.46	816,700.92	32.0291324	-103.4447647
12,583.59	40.33	5.51	12,528.27	-222.00	-327.03	375,490.18	816,703.24	32.0291893	-103.4447566
X FTP @ 12584' MD, 2538' FNL, 1395' FWL									
12,646.00	42.55	2.24	12,575.06	-180.80	-324.26	375,531.37	816,706.00	32.0293025	-103.4447466
12,741.00	48.88	357.84	12,641.37	-112.86	-324.36	375,599.32	816,705.91	32.0294892	-103.4447451
12,837.00	60.53	352.30	12,696.77	-35.01	-331.35	375,677.17	816,698.92	32.0297034	-103.4447656
12,932.00	75.03	355.38	12,732.61	52.20	-340.64	375,764.37	816,689.63	32.0299433	-103.4447932
13,027.00	80.75	355.82	12,752.53	144.77	-347.75	375,856.95	816,682.51	32.0301979	-103.4448138
13,123.00	89.85	357.31	12,760.39	240.17	-353.47	375,952.35	816,676.80	32.0304603	-103.4448297
13,218.00	90.20	357.58	12,760.35	335.08	-357.71	376,047.26	816,672.56	32.0307212	-103.4448408
13,313.00	90.73	359.42	12,759.58	430.04	-360.19	376,142.22	816,670.07	32.0309823	-103.4448463
13,408.00	90.95	359.34	12,758.18	525.02	-361.22	376,237.20	816,669.05	32.0312434	-103.4448471
13,503.00	90.59	359.42	12,756.91	620.01	-362.25	376,332.19	816,668.02	32.0315045	-103.4448479
13,598.00	90.02	358.81	12,756.40	714.99	-363.72	376,427.17	816,666.55	32.0317656	-103.4448501
13,694.00	89.67	358.19	12,756.66	810.96	-366.23	376,523.14	816,664.04	32.0320294	-103.4448557
13,789.00	89.58	358.02	12,757.28	905.91	-369.37	376,618.08	816,660.90	32.0322905	-103.4448633
13,884.00	91.47	359.51	12,756.41	1,000.87	-371.42	376,713.05	816,658.85	32.0325516	-103.4448674
13,979.00	89.32	357.58	12,755.76	1,095.83	-373.83	376,808.01	816,656.44	32.0328126	-103.4448727
14,001.00	90.56	358.98	12,755.78	1,117.82	-374.49	376,830.00	816,655.78	32.0328731	-103.4448742
14,095.00	93.05	0.48	12,752.82	1,211.76	-374.94	376,923.94	816,655.33	32.0331313	-103.4448731
14,188.00	91.82	2.15	12,748.87	1,304.65	-372.80	377,016.83	816,657.47	32.0333866	-103.4448638
14,281.00	91.25	2.24	12,746.38	1,397.55	-369.24	377,109.72	816,661.03	32.0336418	-103.4448498
14,375.00	88.84	1.71	12,746.30	1,491.48	-366.00	377,203.66	816,664.27	32.0339000	-103.4448369
14,468.00	88.97	1.97	12,748.08	1,584.42	-363.02	377,296.60	816,667.25	32.0341553	-103.4448248
14,562.00	89.27	1.80	12,749.52	1,678.36	-359.93	377,390.53	816,670.34	32.0344135	-103.4448123
14,655.00	89.27	1.09	12,750.71	1,771.32	-357.58	377,483.50	816,672.69	32.0346689	-103.4448023
14,749.00	90.02	5.31	12,751.29	1,865.15	-352.33	377,577.33	816,677.93	32.0349267	-103.4447829
14,842.00	86.95	2.24	12,753.75	1,957.89	-346.21	377,670.07	816,684.05	32.0351815	-103.4447607
14,936.00	86.11	0.65	12,759.44	2,051.69	-343.85	377,763.86	816,686.42	32.0354393	-103.4447505
15,029.00	88.62	358.19	12,763.72	2,144.57	-344.79	377,856.75	816,685.48	32.0356946	-103.4447511
15,123.00	89.10	357.14	12,765.59	2,238.47	-348.62	377,950.65	816,681.65	32.0359528	-103.4447610
15,200.61	93.12	358.72	12,764.08	2,316.00	-351.42	378,028.17	816,678.84	32.0361659	-103.4447680
X SEC @ 15201' MD, 0' FSL, 1390' FWL									
15,218.00	94.02	359.07	12,763.00	2,333.35	-351.76	378,045.53	816,678.51	32.0362136	-103.4447686
15,313.00	94.64	359.60	12,755.83	2,428.07	-352.86	378,140.25	816,677.41	32.0364740	-103.4447696
15,408.00	90.37	1.45	12,751.68	2,522.95	-351.99	378,235.13	816,678.28	32.0367348	-103.4447643
15,503.00	90.55	1.45	12,750.91	2,617.92	-349.58	378,330.09	816,680.69	32.0369958	-103.4447540
15,598.00	91.87	0.74	12,748.91	2,712.87	-347.77	378,425.05	816,682.50	32.0372567	-103.4447456
15,694.00	89.41	1.09	12,747.83	2,808.85	-346.23	378,521.03	816,684.03	32.0375205	-103.4447381
15,789.00	91.69	359.25	12,746.92	2,903.83	-345.95	378,616.01	816,684.32	32.0377816	-103.4447347
15,884.00	89.98	0.57	12,745.54	2,998.82	-346.10	378,711.00	816,684.17	32.0380427	-103.4447327
15,979.00	94.02	357.05	12,742.22	3,093.70	-348.07	378,805.88	816,682.20	32.0383035	-103.4447365
16,075.00	94.24	356.70	12,735.31	3,189.31	-353.29	378,901.49	816,676.98	32.0385664	-103.4447508
16,170.00	92.44	358.98	12,729.77	3,284.07	-356.86	378,996.25	816,673.41	32.0388270	-103.4447598

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskie 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskie 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskie 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,266.00	90.55	359.78	12,727.27	3,380.03	-357.90	379,092.21	816,672.37	32.0390908	-103.4447606
16,361.00	90.55	359.42	12,726.36	3,475.02	-358.56	379,187.20	816,671.71	32.0393519	-103.4447602
16,456.00	89.10	357.40	12,726.65	3,569.98	-361.20	379,282.16	816,669.07	32.0396129	-103.4447662
16,551.00	90.73	359.25	12,726.79	3,664.93	-363.97	379,377.11	816,666.29	32.0398740	-103.4447727
16,646.00	89.54	359.34	12,726.56	3,759.92	-365.14	379,472.10	816,665.12	32.0401351	-103.4447739
16,742.00	90.55	1.53	12,726.49	3,855.91	-364.42	379,568.09	816,665.85	32.0403989	-103.4447690
16,837.00	89.89	1.09	12,726.12	3,950.89	-362.24	379,663.06	816,668.03	32.0406599	-103.4447595
16,932.00	89.45	1.18	12,726.67	4,045.87	-360.36	379,758.04	816,669.91	32.0409210	-103.4447509
17,027.00	90.51	3.82	12,726.70	4,140.77	-356.22	379,852.94	816,674.05	32.0411817	-103.4447350
17,123.00	89.93	4.52	12,726.34	4,236.51	-349.24	379,948.69	816,681.03	32.0414447	-103.4447099
17,218.00	90.77	2.68	12,725.76	4,331.32	-343.27	380,043.49	816,687.00	32.0417052	-103.4446882
17,314.00	90.64	0.92	12,724.57	4,427.26	-340.26	380,139.44	816,690.01	32.0419688	-103.4446759
17,409.00	91.12	0.74	12,723.12	4,522.24	-338.88	380,234.41	816,691.39	32.0422298	-103.4446689
17,504.00	91.47	1.88	12,720.97	4,617.18	-336.71	380,329.36	816,693.56	32.0424908	-103.4446594
17,600.00	90.59	359.78	12,719.24	4,713.15	-335.32	380,425.33	816,694.95	32.0427545	-103.4446524
17,695.00	91.34	357.40	12,717.64	4,808.10	-337.66	380,520.28	816,692.61	32.0430156	-103.4446574
17,791.00	91.96	1.97	12,714.88	4,904.04	-338.19	380,616.21	816,692.08	32.0432793	-103.4446565
17,886.00	91.60	2.41	12,711.93	4,998.92	-334.56	380,711.10	816,695.71	32.0435400	-103.4446423
17,982.00	90.20	0.83	12,710.42	5,094.86	-331.84	380,807.04	816,698.42	32.0438036	-103.4446310
18,077.00	89.41	0.65	12,710.74	5,189.86	-330.62	380,902.03	816,699.65	32.0440647	-103.4446245
18,172.00	90.20	0.74	12,711.06	5,284.85	-329.46	380,997.03	816,700.80	32.0443258	-103.4446183
18,268.00	91.52	1.09	12,709.62	5,380.82	-327.93	381,093.00	816,702.34	32.0445896	-103.4446108
18,363.00	90.81	0.92	12,707.69	5,475.79	-326.27	381,187.97	816,704.00	32.0448505	-103.4446029
18,458.00	89.76	0.92	12,707.22	5,570.77	-324.74	381,282.95	816,705.53	32.0451116	-103.4445954
18,554.00	90.59	1.71	12,706.93	5,666.74	-322.54	381,378.92	816,707.73	32.0453753	-103.4445858
18,649.00	88.97	0.65	12,707.29	5,761.72	-320.58	381,473.90	816,709.69	32.0456363	-103.4445769
18,744.00	89.54	1.36	12,708.53	5,856.70	-318.91	381,568.87	816,711.35	32.0458974	-103.4445690
18,839.00	88.75	1.09	12,709.94	5,951.66	-316.88	381,663.84	816,713.38	32.0461583	-103.4445600
18,934.00	91.56	1.62	12,709.69	6,046.63	-314.64	381,758.80	816,715.63	32.0464193	-103.4445502
19,029.00	92.04	1.62	12,706.70	6,141.54	-311.95	381,853.72	816,718.31	32.0466801	-103.4445390
19,124.00	90.46	0.92	12,704.63	6,236.49	-309.85	381,948.67	816,720.42	32.0469411	-103.4445297
19,219.00	90.07	0.92	12,704.19	6,331.48	-308.32	382,043.66	816,721.94	32.0472021	-103.4445222
19,315.00	92.53	2.06	12,702.01	6,427.41	-305.83	382,139.59	816,724.44	32.0474658	-103.4445116
19,410.00	89.71	1.80	12,700.16	6,522.33	-302.63	382,234.51	816,727.64	32.0477266	-103.4444988
19,505.00	91.38	2.68	12,699.25	6,617.25	-298.92	382,329.43	816,731.35	32.0479874	-103.4444843
19,601.00	89.93	3.29	12,698.16	6,713.11	-293.92	382,425.29	816,736.35	32.0482508	-103.4444656
19,696.00	89.89	3.47	12,698.30	6,807.94	-288.32	382,520.12	816,741.95	32.0485113	-103.4444450
19,791.00	89.63	0.74	12,698.70	6,902.87	-284.83	382,615.05	816,745.44	32.0487722	-103.4444312
19,887.00	90.55	359.25	12,698.55	6,998.87	-284.84	382,711.04	816,745.43	32.0490360	-103.4444287
19,983.00	91.78	359.51	12,696.60	7,094.84	-285.88	382,807.02	816,744.39	32.0492998	-103.4444295
20,078.00	92.00	0.30	12,693.47	7,189.79	-286.03	382,901.96	816,744.24	32.0495608	-103.4444275
20,173.00	88.44	356.96	12,693.10	7,284.73	-288.30	382,996.91	816,741.96	32.0498218	-103.4444323
20,268.00	88.44	357.67	12,695.69	7,379.59	-292.75	383,091.77	816,737.52	32.0500827	-103.4444441
20,364.00	91.12	358.19	12,696.06	7,475.52	-296.22	383,187.70	816,734.05	32.0503464	-103.4444528
20,459.00	90.33	358.37	12,694.85	7,570.47	-299.07	383,282.64	816,731.20	32.0506075	-103.4444595
20,485.19	89.93	358.25	12,694.80	7,596.64	-299.84	383,308.82	816,730.42	32.0506794	-103.4444613
X SEC @ 20485' MD, 0' FSL, 1486' FWL									
20,554.00	88.88	357.93	12,695.51	7,665.41	-302.14	383,377.59	816,728.13	32.0508685	-103.4444668
20,650.00	91.03	358.90	12,695.59	7,761.37	-304.79	383,473.55	816,725.48	32.0511323	-103.4444729
20,745.00	91.12	359.07	12,693.80	7,856.34	-306.48	383,568.51	816,723.79	32.0513934	-103.4444758
20,840.00	91.91	359.60	12,691.29	7,951.30	-307.58	383,663.47	816,722.69	32.0516544	-103.4444768
20,936.00	91.56	359.16	12,688.38	8,047.25	-308.62	383,759.42	816,721.65	32.0519182	-103.4444776
21,031.00	91.21	358.90	12,686.09	8,142.20	-310.22	383,854.38	816,720.04	32.0521792	-103.4444803
21,126.00	90.77	358.72	12,684.45	8,237.17	-312.20	383,949.35	816,718.07	32.0524403	-103.4444841
21,222.00	90.51	358.72	12,683.37	8,333.14	-314.34	384,045.32	816,715.93	32.0527041	-103.4444885

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskie 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskie 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskie 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
21,318.00	90.37	358.63	12,682.64	8,429.11	-316.56	384,141.29	816,713.71	32.0529680	-103.4444931
21,413.00	89.67	358.63	12,682.60	8,524.08	-318.83	384,236.26	816,711.44	32.0532291	-103.4444979
21,509.00	89.01	358.46	12,683.71	8,620.04	-321.27	384,332.22	816,709.00	32.0534929	-103.4445032
21,605.00	88.57	358.19	12,685.74	8,715.98	-324.07	384,428.16	816,706.19	32.0537567	-103.4445097
21,700.00	89.89	359.51	12,687.01	8,810.95	-325.98	384,523.13	816,704.29	32.0540177	-103.4445134
21,796.00	90.90	0.13	12,686.35	8,906.95	-326.28	384,619.12	816,703.99	32.0542816	-103.4445118
21,891.00	90.51	359.86	12,685.18	9,001.94	-326.29	384,714.12	816,703.98	32.0545427	-103.4445093
21,986.00	91.21	359.51	12,683.76	9,096.93	-326.81	384,809.10	816,703.46	32.0548038	-103.4445084
22,082.00	92.79	358.46	12,680.41	9,192.85	-328.51	384,905.03	816,701.76	32.0550675	-103.4445114
22,177.00	91.74	358.02	12,676.65	9,287.73	-331.43	384,999.91	816,698.84	32.0553284	-103.4445183
22,272.00	94.59	0.13	12,671.41	9,382.55	-332.96	385,094.73	816,697.31	32.0555890	-103.4445207
22,357.00	93.98	0.39	12,665.06	9,467.32	-332.58	385,179.49	816,697.69	32.0558220	-103.4445172
22,399.00	93.27	0.30	12,662.40	9,509.23	-332.32	385,221.41	816,697.94	32.0559372	-103.4445153
22,495.00	92.66	1.09	12,657.44	9,605.09	-331.16	385,317.27	816,699.11	32.0562007	-103.4445090
22,590.00	92.31	0.65	12,653.32	9,699.99	-329.72	385,412.17	816,700.55	32.0564615	-103.4445018
22,686.00	91.08	0.39	12,650.48	9,795.95	-328.85	385,508.12	816,701.42	32.0567252	-103.4444964
22,781.00	90.15	0.48	12,649.46	9,890.94	-328.13	385,603.11	816,702.14	32.0569863	-103.4444916
22,876.00	90.55	1.09	12,648.88	9,985.92	-326.83	385,698.10	816,703.44	32.0572473	-103.4444849
22,972.00	90.90	2.41	12,647.66	10,081.87	-323.89	385,794.05	816,706.37	32.0575110	-103.4444728
23,067.00	90.59	0.83	12,646.43	10,176.82	-321.21	385,889.00	816,709.06	32.0577719	-103.4444617
23,163.00	88.18	0.13	12,647.46	10,272.80	-320.41	385,984.98	816,709.86	32.0580357	-103.4444565
23,258.00	88.22	359.78	12,650.44	10,367.76	-320.48	386,079.94	816,709.79	32.0582967	-103.4444542
23,354.00	88.92	0.21	12,652.84	10,463.73	-320.49	386,175.90	816,709.78	32.0585605	-103.4444517
23,449.00	90.24	0.65	12,653.53	10,558.72	-319.78	386,270.90	816,710.49	32.0588216	-103.4444469
23,544.00	90.81	0.39	12,652.66	10,653.71	-318.91	386,365.89	816,711.36	32.0590827	-103.4444416
23,640.00	91.43	359.86	12,650.79	10,749.69	-318.70	386,461.87	816,711.56	32.0593465	-103.4444383
23,736.00	87.56	359.69	12,651.63	10,845.67	-319.08	386,557.85	816,711.19	32.0596103	-103.4444370
23,831.00	88.88	359.86	12,654.58	10,940.62	-319.45	386,652.80	816,710.81	32.0598713	-103.4444357
23,926.00	91.03	359.34	12,654.66	11,035.61	-320.12	386,747.79	816,710.15	32.0601324	-103.4444353
24,022.00	91.47	359.16	12,652.56	11,131.58	-321.37	386,843.76	816,708.90	32.0603962	-103.4444368
24,117.00	90.64	358.28	12,650.81	11,226.54	-323.49	386,938.72	816,706.77	32.0606573	-103.4444411
24,212.00	90.07	358.28	12,650.23	11,321.49	-326.35	387,033.67	816,703.92	32.0609183	-103.4444478
24,308.00	92.70	0.74	12,647.90	11,417.45	-327.17	387,129.62	816,703.10	32.0611821	-103.4444479
24,404.00	91.87	359.42	12,644.08	11,513.37	-327.03	387,225.54	816,703.23	32.0614457	-103.4444449
24,499.00	91.78	358.90	12,641.05	11,608.31	-328.43	387,320.49	816,701.84	32.0617067	-103.4444469
24,595.00	89.98	358.11	12,639.58	11,704.26	-330.93	387,416.44	816,699.34	32.0619705	-103.4444524
24,690.00	89.67	358.37	12,639.87	11,799.21	-333.85	387,511.39	816,696.42	32.0622316	-103.4444593
24,786.00	89.32	358.11	12,640.71	11,895.16	-336.80	387,607.34	816,693.47	32.0624954	-103.4444663
24,881.00	91.47	0.48	12,640.06	11,990.14	-337.97	387,702.32	816,692.30	32.0627565	-103.4444675
24,977.00	91.74	0.83	12,637.37	12,086.10	-336.87	387,798.28	816,693.40	32.0630202	-103.4444614
25,072.00	91.56	1.36	12,634.63	12,181.04	-335.05	387,893.22	816,695.21	32.0632811	-103.4444531
25,168.00	90.64	0.13	12,632.79	12,277.01	-333.81	387,989.19	816,696.46	32.0635449	-103.4444465
25,263.00	91.25	359.69	12,631.22	12,372.00	-333.96	388,084.18	816,696.31	32.0638060	-103.4444444
25,358.00	90.64	357.93	12,629.66	12,466.96	-335.93	388,179.14	816,694.34	32.0640670	-103.4444483
25,454.00	90.99	357.75	12,628.29	12,562.88	-339.55	388,275.06	816,690.72	32.0643308	-103.4444574
25,549.00	90.64	357.23	12,626.94	12,657.78	-343.71	388,369.96	816,686.56	32.0645917	-103.4444683
25,608.00	90.55	355.82	12,626.33	12,716.67	-347.28	388,428.85	816,682.99	32.0647537	-103.4444783
25,670.00	90.55	355.82	12,625.73	12,778.50	-351.80	388,490.68	816,678.47	32.0649237	-103.4444912
PBHL & LTP @ 25670' MD, 100' FNL, 1479' FWL									

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Muskie 23-11 Fed Com 3H
Project:	Lea County, NM (NAD83)	TVD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Site:	Muskie 23-11 Fed Com	MD Reference:	GE 3209.1' + KB 25' @ 3234.10usft
Well:	Muskie 23-11 Fed Com 3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,264.00	12,242.12	-346.34	-329.88	KOP @ 12264' MD, 2663' FNL, 1392' FWL
12,583.59	12,528.27	-222.00	-327.03	X FTP @ 12584' MD, 2538' FNL, 1395' FWL
15,200.61	12,764.08	2,316.00	-351.42	X SEC @ 15201' MD, 0' FSL, 1390' FWL
20,485.19	12,694.80	7,596.64	-299.84	X SEC @ 20485' MD, 0' FSL, 1486' FWL
25,670.00	12,625.73	12,778.50	-351.80	PBHL & LTP @ 25670' MD, 100' FNL, 1479' FWL

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

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.)		WELL API NO. 30-025-47413
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Devon Energy Production Company, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102		7. Lease Name or Unit Agreement Name Muskie 23-11 Fed Com
4. Well Location Unit Letter <u>F</u> : <u>2316</u> feet from the <u>North</u> line and <u>1722</u> feet from the <u>West</u> line Section <u>23</u> Township <u>26S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3209.1'		9. OGRID Number 6137
		10. Pool name or Wildcat JABALINA; WOLFCAMP, SOUTHWEST

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.

6/1/22-8/1/22: MIRU WL & PT. TIH & ran CBL, found TOC @ 2250'. PT csg to 1,500 psi for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 12932'-25647', total 1912 holes. Frac totals 31,924,549# proppant, 30 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBDT w/ float collar 25,660' MD/12,626' TVD. CHC, FWB, ND BOP. Tubing will be run at a later date. TOP.

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

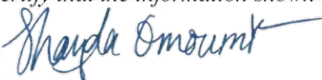
SIGNATURE Shayda Omoumi TITLE Regulatory Compliance Professional DATE 8/19/2022

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. 30-025-47413		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 Muskie 23-11 Fed Com						
				6. Well Number: 3H						
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 JABALINA; WOLFCAMP, SOUTHWEST						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	23	26S	34E		2316	North	1722	West	Lea
BH:	C	11	26S	34E		100	North	1478	West	Lea
13. Date Spudded 1/28/22	14. Date T.D. Reached 3/12/22	15. Date Rig Released 3/15/22		16. Date Completed (Ready to Produce) 8/1/22		17. Elevations (DF and RKB, RT, GR, etc.) 3209.1' GL				
18. Total Measured Depth of Well 25670 MD, 12626 TVD		19. Plug Back Measured Depth 25,660 MD/12,626 TVD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 12932-25647, WOLFCAMP, SOUTHWEST										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.	DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
10-3/4"	45.5	1111		13-1/2"		560 sx C/C; circ 209 sx				
8-5/8"	32	11975		9-7/8"		660 sx C/C ; circ 37 sx				
5-1/2"	20	25660		7-7/8"		3325 sx C/H; circ 76 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) 12932 - 25647, total 1912 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12932-25647 Acidize and frac in 54 stages. See detailed summary attached.						
28. PRODUCTION										
Date First Production 8/1/22		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 8/16/22	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 1296	Gas - MCF 291	Water - Bbl. 6269	Gas - Oil Ratio 224.537037			
Flow Tubing Press. 49 psi	Casing Pressure 1007 psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) 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 		Printed Name Shayda Omoumi		Title Regulatory Compliance Professional		Date 8/19/2022				
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.

Southeastern New Mexico		Northwestern New Mexico	
Rustler - 890			
Salt - 1250			
Base of Salt - 5000			
Lamar - 5000			
Delaware - 5300			
Cherry Canyon - 6335			
Brushy Canyon - 7975			
1st Bone Spring Lime - 9405			
1st Bone Spring Sand - 10570			
2nd Bone Spring Sand - 11120			
3rd Bone Spring Lime - 11575			
3rd Bone Spring Sand - 12175			
Wolfcamp - 12595			
Strawn - 14955			

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

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 137098

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 137098
	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
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 137098

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 137098
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/17/2024