

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**

<sup>1</sup> Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 8/31/22
<sup>4</sup> API Number 30-025-47412	<sup>5</sup> Pool Name JABALINA; WOLFCAMP, SOUTHWEST	<sup>6</sup> Pool Code 96776
<sup>7</sup> Property Code 328845	<sup>8</sup> Property Name Muskie 23-11 Fed Com	<sup>9</sup> Well Number 2H

**II. <sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	26S	34E		2485	North	311	West	Lea

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	26S	34E		110	North	966	West	Lea

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 8/31/22	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

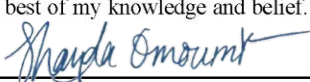
<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
020809	Lucid Energy Group 3100 McKinnon St. Ste 800 Dallas, TX 75201	Gas
014035	Marathon P.O. Box 552 Midland, TX 79702	Gas

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBTB	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
2/12/22	8/31/22	25938	25,924 MD/12,869 TVD	13250 - 25873	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
13-1/2"	10-3/4"	980	560 sx CIC; Circ 305 sx		
9-7/8"	8-5/8"	12506	680 sx CIC ; Circ 73 sx		
7-7/8"	5-1/2"	25926	4262 sx CIH; Circ 0 sx		
	Tubing:	0			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
9/9/22	9/9/22	9/9/22	24 hrs	1073 psi	N/A
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
N/A	1031 bbl	4193 bbl	1550 mcf	flowing	

<sup>42</sup> 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:  Printed name: Shayda Omoumi Title: Regulatory Compliance Professional E-mail Address: shayda.omoumi@dvn.com Date: 9/16/2022 Phone: 405-552-3513	OIL CONSERVATION DIVISION	
	Approved by:	
	Title:	
	Approval Date:	

**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 <b>30-025-47412</b>	Pool Code <b>96776</b>	Pool Name <b>JABALINA;WOLFCAMP, SOUTHWEST</b>
Property Code <b>328845</b>	Property Name <b>MUSKIE 23-11 FED COM</b>	Well Number <b>2H</b>
OGRID No. <b>6137</b>	Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	Elevation <b>3212.6'</b>

Surface Location

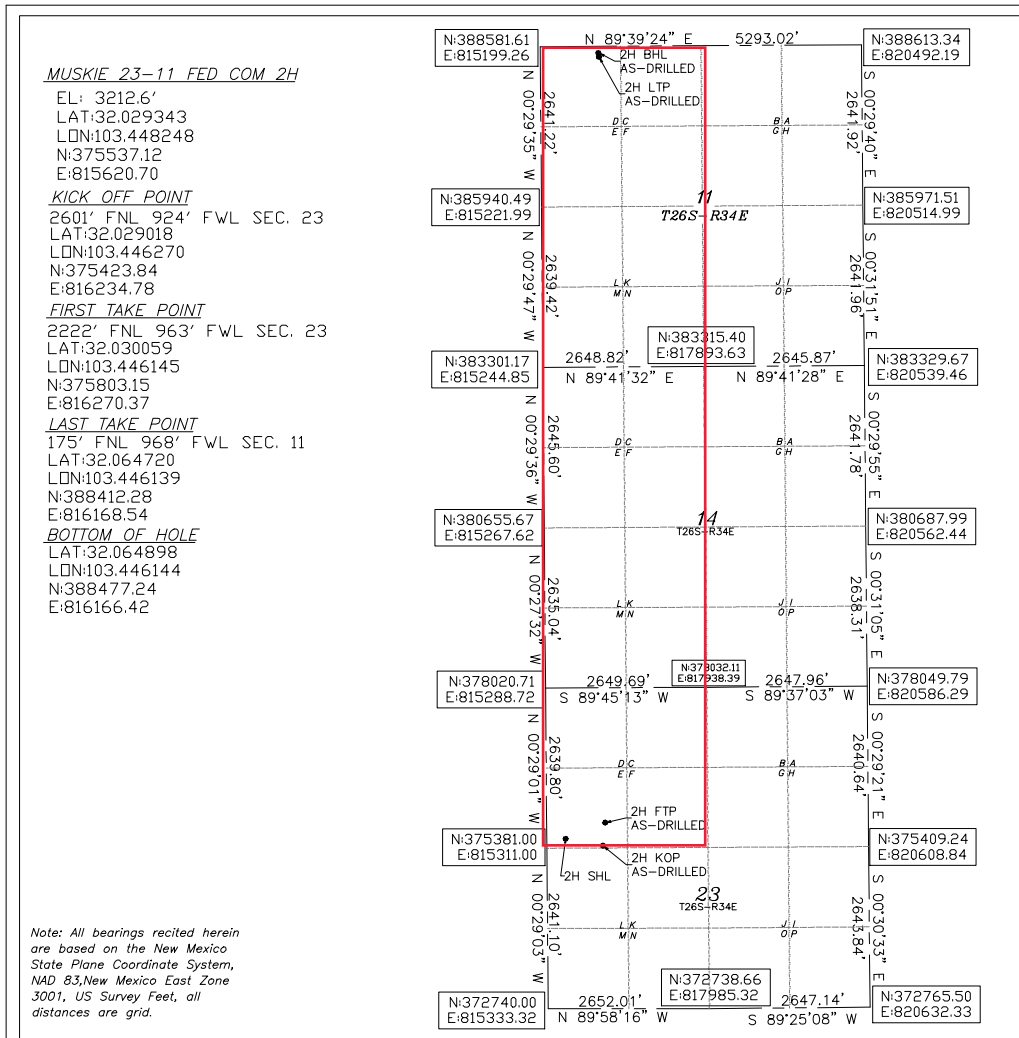
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	26-S	34-E		2485	NORTH	311	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	26-S	34-E		110	NORTH	966	WEST	LEA

Dedicated Acres <b>800</b>	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Shayda Omoumi* 7/21/2022  
Signature Date

Shayda Omoumi  
Printed Name

shayda.omoumi@dvn.com  
E-mail Address

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**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.

05/12/2022  
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
<input type="text"/>	<input type="text"/>	<input type="text"/>

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
<input type="text"/>	<input type="text"/>	<input type="text"/>

KZ 06/29/2018

# **Devon Energy**

**Lea County, NM (NAD83)**

**Muskie 23-11 Fed Com**

**Muskie 23-11 Fed Com 2H**

**Wellbore #1**

**Design: Wellbore #1**

## **Survey Report - Geographic**

**12 May, 2022**

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
<b>Project:</b>	Lea County, NM (NAD83)	<b>TVD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Site:</b>	Muskie 23-11 Fed Com	<b>MD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Well:</b>	Muskie 23-11 Fed Com 2H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db

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

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

<b>Well</b>	Muskie 23-11 Fed Com 2H					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	375,537.12 usft	<b>Latitude:</b>	32.0293428
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	815,620.70 usft	<b>Longitude:</b>	-103.4482483
<b>Position Uncertainty</b>		0.50 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	3,212.60 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM2022	1/14/2022	6.32	59.62	47,390.80000000

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	2.41	

<b>Survey Program</b>	<b>Date</b>	5/12/2022			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
199.00	25,938.00	Survey #1 (Wellbore #1)	MWD+HRGM	OWSG MWD + HRGM	

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Map Northing (usft)</b>	<b>Map Easting (usft)</b>	<b>Latitude</b>	<b>Longitude</b>	
0.00	0.00	0.00	0.00	0.00	0.00	375,537.12	815,620.70	32.0293428	-103.4482483	
199.00	0.20	25.20	199.00	0.31	0.15	375,537.43	815,620.85	32.0293436	-103.4482478	
236.00	0.20	4.80	236.00	0.44	0.18	375,537.56	815,620.88	32.0293439	-103.4482477	
331.00	0.30	4.40	331.00	0.85	0.21	375,537.97	815,620.91	32.0293451	-103.4482476	
426.00	0.30	359.30	426.00	1.35	0.23	375,538.47	815,620.93	32.0293464	-103.4482475	
522.00	0.20	10.20	522.00	1.76	0.26	375,538.88	815,620.95	32.0293476	-103.4482474	
617.00	0.30	353.30	617.00	2.17	0.26	375,539.29	815,620.95	32.0293487	-103.4482474	
713.00	0.20	349.40	712.99	2.59	0.20	375,539.71	815,620.89	32.0293499	-103.4482476	
808.00	0.30	358.00	807.99	3.00	0.16	375,540.12	815,620.86	32.0293510	-103.4482477	
911.00	0.30	355.80	910.99	3.54	0.13	375,540.66	815,620.83	32.0293525	-103.4482478	
1,087.00	0.50	326.50	1,086.99	4.64	-0.33	375,541.76	815,620.37	32.0293555	-103.4482492	
1,182.00	0.60	330.00	1,181.98	5.41	-0.81	375,542.53	815,619.89	32.0293577	-103.4482507	

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
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<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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	
1,278.00	0.70	329.60	1,277.98	6.35	-1.35	375,543.47	815,619.34	32.0293603	-103.4482525	
1,373.00	0.60	314.20	1,372.97	7.20	-2.01	375,544.32	815,618.69	32.0293626	-103.4482546	
1,469.00	0.40	312.00	1,468.97	7.78	-2.61	375,544.90	815,618.08	32.0293642	-103.4482565	
1,564.00	1.00	98.40	1,563.96	7.88	-2.04	375,545.00	815,618.66	32.0293645	-103.4482547	
1,659.00	4.40	99.50	1,658.84	7.15	2.37	375,544.27	815,623.07	32.0293624	-103.4482404	
1,754.00	6.30	107.50	1,753.43	4.99	10.94	375,542.10	815,631.64	32.0293562	-103.4482128	
1,850.00	7.30	121.30	1,848.76	0.23	21.18	375,537.35	815,641.87	32.0293429	-103.4481799	
1,945.00	9.10	121.00	1,942.78	-6.77	32.77	375,530.35	815,653.47	32.0293234	-103.4481427	
2,040.00	10.30	114.10	2,036.43	-14.11	46.97	375,523.01	815,667.67	32.0293029	-103.4480971	
2,136.00	11.20	111.10	2,130.74	-20.97	63.50	375,516.15	815,684.20	32.0292837	-103.4480439	
2,232.00	11.80	103.00	2,224.82	-26.54	81.76	375,510.58	815,702.46	32.0292680	-103.4479852	
2,327.00	12.70	99.00	2,317.66	-30.35	101.54	375,506.76	815,722.24	32.0292570	-103.4479214	
2,423.00	11.70	97.10	2,411.49	-33.21	121.63	375,503.91	815,742.32	32.0292487	-103.4478567	
2,518.00	11.40	95.90	2,504.56	-35.36	140.52	375,501.75	815,761.22	32.0292424	-103.4477958	
2,614.00	12.00	95.60	2,598.57	-37.31	159.89	375,499.80	815,780.59	32.0292366	-103.4477334	
2,709.00	11.00	93.50	2,691.66	-38.83	178.77	375,498.29	815,799.47	32.0292320	-103.4476725	
2,804.00	10.10	91.30	2,785.05	-39.57	196.14	375,497.55	815,816.84	32.0292296	-103.4476164	
2,900.00	10.20	89.30	2,879.55	-39.66	213.06	375,497.46	815,833.76	32.0292289	-103.4475619	
2,995.00	9.90	94.40	2,973.10	-40.18	229.61	375,496.93	815,850.31	32.0292271	-103.4475085	
3,091.00	9.70	98.70	3,067.70	-42.04	245.84	375,495.08	815,866.53	32.0292217	-103.4474562	
3,186.00	10.20	97.20	3,161.27	-44.31	262.09	375,492.81	815,882.79	32.0292151	-103.4474038	
3,282.00	10.20	101.50	3,255.75	-47.07	278.85	375,490.05	815,899.55	32.0292071	-103.4473498	
3,377.00	9.40	108.30	3,349.37	-51.18	294.46	375,485.94	815,915.16	32.0291954	-103.4472995	
3,473.00	9.40	108.10	3,444.08	-56.08	309.36	375,481.04	815,930.06	32.0291816	-103.4472516	
3,569.00	9.70	107.50	3,538.75	-60.94	324.52	375,476.18	815,945.22	32.0291679	-103.4472028	
3,664.00	7.40	101.90	3,632.69	-64.61	338.15	375,472.51	815,958.84	32.0291575	-103.4471589	
3,760.00	6.40	100.60	3,727.99	-66.87	349.45	375,470.25	815,970.15	32.0291511	-103.4471225	
3,855.00	6.50	98.20	3,822.39	-68.61	359.98	375,468.51	815,980.68	32.0291460	-103.4470886	
3,951.00	6.30	98.70	3,917.79	-70.18	370.57	375,466.93	815,991.26	32.0291415	-103.4470545	
4,046.00	8.10	97.10	4,012.04	-71.80	382.36	375,465.32	816,003.06	32.0291368	-103.4470165	
4,142.00	8.00	97.30	4,107.09	-73.48	395.70	375,463.63	816,016.40	32.0291319	-103.4469735	
4,237.00	8.00	94.40	4,201.17	-74.83	408.85	375,462.29	816,029.54	32.0291279	-103.4469311	
4,332.00	9.40	100.40	4,295.08	-76.74	423.07	375,460.38	816,043.77	32.0291223	-103.4468852	
4,427.00	9.80	104.70	4,388.75	-80.19	438.52	375,456.93	816,059.22	32.0291124	-103.4468355	
4,523.00	8.90	105.90	4,483.47	-84.30	453.57	375,452.82	816,074.26	32.0291008	-103.4467870	
4,618.00	8.40	107.20	4,577.39	-88.36	467.26	375,448.75	816,087.96	32.0290893	-103.4467430	
4,713.00	9.00	95.80	4,671.30	-91.17	481.28	375,445.95	816,101.98	32.0290813	-103.4466978	
4,809.00	9.70	94.80	4,766.03	-92.60	496.81	375,444.52	816,117.51	32.0290770	-103.4466477	
4,904.00	9.50	95.50	4,859.70	-94.02	512.59	375,443.09	816,133.29	32.0290728	-103.4465968	
4,999.00	9.80	97.50	4,953.35	-95.83	528.41	375,441.29	816,149.11	32.0290674	-103.4465459	
5,095.00	10.30	98.00	5,047.88	-98.09	545.01	375,439.03	816,165.71	32.0290608	-103.4464924	
5,190.00	9.60	97.30	5,141.45	-100.28	561.28	375,436.84	816,181.98	32.0290545	-103.4464399	
5,285.00	8.70	96.60	5,235.24	-102.11	576.27	375,435.01	816,196.97	32.0290491	-103.4463916	
5,381.00	8.00	95.60	5,330.22	-103.60	590.13	375,433.52	816,210.83	32.0290447	-103.4463469	
5,476.00	7.40	94.60	5,424.36	-104.73	602.81	375,432.38	816,223.51	32.0290413	-103.4463060	
5,572.00	7.30	92.60	5,519.58	-105.51	615.07	375,431.61	816,235.77	32.0290389	-103.4462665	
5,667.00	7.00	92.50	5,613.84	-106.03	626.88	375,431.08	816,247.58	32.0290372	-103.4462284	
5,763.00	6.70	93.90	5,709.15	-106.67	638.31	375,430.45	816,259.01	32.0290352	-103.4461915	
5,859.00	6.30	92.90	5,804.53	-107.32	649.16	375,429.80	816,269.86	32.0290331	-103.4461566	
5,954.00	6.10	91.00	5,898.98	-107.67	659.41	375,429.45	816,280.11	32.0290319	-103.4461235	
6,049.00	4.20	95.70	5,993.59	-108.10	667.92	375,429.02	816,288.62	32.0290306	-103.4460960	
6,145.00	1.80	95.20	6,089.45	-108.59	672.92	375,428.53	816,293.62	32.0290291	-103.4460799	
6,240.00	0.10	318.50	6,184.44	-108.66	674.35	375,428.46	816,295.05	32.0290289	-103.4460753	
6,335.00	0.60	276.60	6,279.44	-108.54	673.80	375,428.58	816,294.50	32.0290292	-103.4460771	
6,431.00	0.80	266.40	6,375.43	-108.53	672.64	375,428.59	816,293.33	32.0290293	-103.4460808	

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
<b>Project:</b>	Lea County, NM (NAD83)	<b>TVD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Site:</b>	Muskie 23-11 Fed Com	<b>MD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Well:</b>	Muskie 23-11 Fed Com 2H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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	
6,526.00	0.70	267.80	6,470.42	-108.59	671.39	375,428.53	816,292.09	32.0290291	-103.4460849	
6,621.00	0.50	266.00	6,565.42	-108.64	670.40	375,428.48	816,291.10	32.0290290	-103.4460881	
6,716.00	0.70	270.00	6,660.41	-108.67	669.41	375,428.45	816,290.10	32.0290290	-103.4460913	
6,811.00	0.60	282.40	6,755.40	-108.56	668.34	375,428.55	816,289.04	32.0290293	-103.4460947	
6,907.00	0.60	253.40	6,851.40	-108.60	667.37	375,428.52	816,288.07	32.0290292	-103.4460978	
7,002.00	0.70	255.20	6,946.39	-108.89	666.33	375,428.23	816,287.03	32.0290284	-103.4461012	
7,098.00	0.70	268.60	7,042.39	-109.05	665.18	375,428.06	816,285.87	32.0290280	-103.4461049	
7,194.00	0.50	254.60	7,138.38	-109.18	664.19	375,427.94	816,284.88	32.0290277	-103.4461081	
7,289.00	0.60	254.00	7,233.38	-109.43	663.31	375,427.69	816,284.01	32.0290270	-103.4461110	
7,385.00	0.50	263.20	7,329.37	-109.61	662.41	375,427.50	816,283.11	32.0290265	-103.4461139	
7,480.00	0.70	265.40	7,424.37	-109.71	661.42	375,427.41	816,282.12	32.0290263	-103.4461171	
7,576.00	0.70	262.90	7,520.36	-109.83	660.25	375,427.29	816,280.95	32.0290260	-103.4461208	
7,671.00	0.70	237.50	7,615.35	-110.21	659.19	375,426.91	816,279.89	32.0290249	-103.4461243	
7,767.00	0.70	254.80	7,711.35	-110.68	658.13	375,426.44	816,278.83	32.0290237	-103.4461277	
7,862.00	0.70	262.70	7,806.34	-110.91	656.99	375,426.21	816,277.69	32.0290231	-103.4461314	
7,957.00	0.80	250.20	7,901.33	-111.21	655.79	375,425.91	816,276.49	32.0290223	-103.4461353	
8,053.00	1.10	254.70	7,997.32	-111.68	654.27	375,425.44	816,274.97	32.0290210	-103.4461402	
8,148.00	0.90	236.00	8,092.30	-112.33	652.77	375,424.78	816,273.47	32.0290193	-103.4461450	
8,244.00	0.60	238.80	8,188.29	-113.02	651.72	375,424.10	816,272.42	32.0290174	-103.4461484	
8,339.00	0.60	235.20	8,283.29	-113.56	650.89	375,423.56	816,271.58	32.0290159	-103.4461512	
8,434.00	0.80	235.60	8,378.28	-114.22	649.93	375,422.90	816,270.63	32.0290142	-103.4461543	
8,529.00	0.80	253.10	8,473.27	-114.78	648.75	375,422.33	816,269.45	32.0290126	-103.4461581	
8,625.00	0.70	242.70	8,569.26	-115.25	647.59	375,421.87	816,268.28	32.0290114	-103.4461618	
8,721.00	0.70	227.50	8,665.26	-115.91	646.63	375,421.21	816,267.33	32.0290096	-103.4461649	
8,816.00	0.80	244.60	8,760.25	-116.59	645.61	375,420.53	816,266.30	32.0290077	-103.4461683	
8,911.00	0.80	234.30	8,855.24	-117.26	644.47	375,419.86	816,265.17	32.0290059	-103.4461720	
9,006.00	0.70	239.90	8,950.23	-117.94	643.43	375,419.18	816,264.13	32.0290041	-103.4461753	
9,102.00	0.80	237.40	9,046.22	-118.59	642.36	375,418.52	816,263.05	32.0290023	-103.4461788	
9,197.00	0.80	218.30	9,141.22	-119.47	641.39	375,417.65	816,262.08	32.0289999	-103.4461820	
9,287.00	0.90	224.90	9,231.21	-120.47	640.50	375,416.65	816,261.20	32.0289972	-103.4461849	
9,376.00	0.90	242.50	9,320.19	-121.28	639.38	375,415.83	816,260.08	32.0289950	-103.4461885	
9,466.00	1.10	233.90	9,410.18	-122.12	638.06	375,415.00	816,258.76	32.0289927	-103.4461928	
9,555.00	0.90	243.10	9,499.17	-122.94	636.75	375,414.18	816,257.44	32.0289905	-103.4461970	
9,645.00	1.10	249.70	9,589.15	-123.56	635.30	375,413.56	816,256.00	32.0289888	-103.4462017	
9,734.00	1.30	244.60	9,678.13	-124.29	633.59	375,412.83	816,254.29	32.0289868	-103.4462072	
9,824.00	1.50	251.10	9,768.11	-125.11	631.55	375,412.01	816,252.25	32.0289846	-103.4462138	
9,914.00	1.50	251.20	9,858.08	-125.87	629.33	375,411.25	816,250.02	32.0289826	-103.4462210	
9,960.00	1.30	246.50	9,904.06	-126.27	628.28	375,410.85	816,248.97	32.0289815	-103.4462244	
10,055.00	1.00	265.80	9,999.04	-126.76	626.46	375,410.36	816,247.16	32.0289802	-103.4462303	
10,150.00	1.30	276.20	10,094.02	-126.70	624.56	375,410.41	816,245.26	32.0289804	-103.4462364	
10,245.00	2.20	282.80	10,188.98	-126.18	621.71	375,410.93	816,242.41	32.0289819	-103.4462456	
10,341.00	2.50	285.30	10,284.90	-125.22	617.90	375,411.89	816,238.60	32.0289846	-103.4462579	
10,436.00	2.20	294.20	10,379.82	-123.93	614.24	375,413.19	816,234.93	32.0289883	-103.4462697	
10,532.00	2.10	291.50	10,475.75	-122.53	610.92	375,414.59	816,231.62	32.0289922	-103.4462803	
10,627.00	2.40	282.30	10,570.68	-121.47	607.36	375,415.65	816,228.05	32.0289952	-103.4462918	
10,723.00	1.50	299.20	10,666.62	-120.43	604.30	375,416.69	816,224.99	32.0289981	-103.4463017	
10,818.00	1.20	29.80	10,761.60	-118.96	603.70	375,418.16	816,224.40	32.0290022	-103.4463035	
10,914.00	1.10	336.70	10,857.59	-117.24	603.84	375,419.88	816,224.54	32.0290069	-103.4463031	
11,009.00	1.00	25.10	10,952.57	-115.65	603.83	375,421.47	816,224.53	32.0290113	-103.4463030	
11,099.00	1.10	11.50	11,042.56	-114.09	604.34	375,423.03	816,225.03	32.0290155	-103.4463014	
11,188.00	1.10	7.20	11,131.54	-112.41	604.61	375,424.71	816,225.31	32.0290202	-103.4463004	
11,278.00	1.20	6.60	11,221.52	-110.61	604.83	375,426.50	816,225.53	32.0290251	-103.4462997	
11,368.00	0.90	353.50	11,311.51	-108.98	604.86	375,428.14	816,225.56	32.0290296	-103.4462995	
11,457.00	1.40	90.20	11,400.50	-108.29	605.87	375,428.83	816,226.56	32.0290315	-103.4462963	
11,546.00	1.80	110.10	11,489.46	-108.77	608.27	375,428.35	816,228.96	32.0290301	-103.4462885	

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
<b>Project:</b>	Lea County, NM (NAD83)	<b>TVD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Site:</b>	Muskie 23-11 Fed Com	<b>MD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Well:</b>	Muskie 23-11 Fed Com 2H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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	
11,636.00	0.40	112.90	11,579.44	-109.38	609.88	375,427.74	816,230.58	32.0290284	-103.4462833	
11,726.00	0.30	157.80	11,669.44	-109.72	610.26	375,427.40	816,230.96	32.0290274	-103.4462821	
11,815.00	0.20	258.80	11,758.44	-109.96	610.20	375,427.15	816,230.89	32.0290267	-103.4462823	
11,905.00	0.20	335.70	11,848.44	-109.85	609.98	375,427.27	816,230.68	32.0290271	-103.4462830	
11,994.00	0.20	89.50	11,937.44	-109.71	610.07	375,427.41	816,230.77	32.0290274	-103.4462827	
12,084.00	0.30	50.80	12,027.44	-109.56	610.41	375,427.56	816,231.11	32.0290279	-103.4462816	
12,174.00	0.30	59.10	12,117.44	-109.29	610.79	375,427.83	816,231.49	32.0290286	-103.4462804	
12,263.00	0.50	102.20	12,206.44	-109.25	611.37	375,427.87	816,232.07	32.0290287	-103.4462785	
12,353.00	1.00	143.00	12,296.43	-109.96	612.23	375,427.16	816,232.93	32.0290267	-103.4462758	
12,443.00	1.60	158.50	12,386.41	-111.76	613.16	375,425.36	816,233.86	32.0290217	-103.4462728	
12,461.00	1.70	158.40	12,404.40	-112.24	613.35	375,424.88	816,234.05	32.0290204	-103.4462722	
12,525.00	1.70	167.40	12,468.37	-114.05	613.91	375,423.07	816,234.61	32.0290154	-103.4462705	
12,637.00	5.20	4.60	12,580.25	-110.61	614.68	375,426.51	816,235.38	32.0290249	-103.4462679	
12,733.00	16.50	0.80	12,674.38	-92.58	615.22	375,444.54	816,235.92	32.0290744	-103.4462657	
12,828.00	27.30	3.10	12,762.40	-57.23	616.59	375,479.89	816,237.29	32.0291715	-103.4462603	
12,834.95	28.20	3.36	12,768.55	-54.00	616.77	375,483.12	816,237.47	32.0291804	-103.4462596	
<b>X FTP @ 12835' MD, 2539' FNL, 926' FWL</b>										
12,923.00	39.60	5.70	12,841.51	-5.15	620.79	375,531.97	816,241.49	32.0293146	-103.4462454	
13,019.00	51.40	5.90	12,908.68	62.85	627.71	375,599.97	816,248.41	32.0295014	-103.4462212	
13,114.00	60.10	7.10	12,962.10	140.79	636.64	375,677.91	816,257.33	32.0297154	-103.4461904	
13,209.00	66.80	6.00	13,004.54	225.17	646.30	375,762.29	816,267.00	32.0299471	-103.4461570	
13,304.00	75.30	3.50	13,035.36	314.63	653.68	375,851.75	816,274.38	32.0301928	-103.4461308	
13,400.00	87.90	0.80	13,049.36	409.33	657.20	375,946.45	816,277.90	32.0304531	-103.4461169	
13,494.00	93.40	0.50	13,048.30	503.29	658.27	376,040.40	816,278.97	32.0307113	-103.4461110	
13,588.00	92.20	0.00	13,043.71	597.17	658.68	376,134.29	816,279.38	32.0309693	-103.4461072	
13,682.00	89.80	358.00	13,042.06	691.13	657.04	376,228.25	816,277.74	32.0312276	-103.4461100	
13,777.00	90.60	357.90	13,041.73	786.07	653.64	376,323.19	816,274.34	32.0314886	-103.4461184	
13,871.00	88.60	358.70	13,042.39	880.02	650.85	376,417.14	816,271.55	32.0317469	-103.4461249	
13,966.00	89.40	358.90	13,044.05	974.98	648.86	376,512.10	816,269.56	32.0320080	-103.4461288	
14,060.00	89.90	358.00	13,044.62	1,068.94	646.32	376,606.06	816,267.02	32.0322663	-103.4461346	
14,154.00	90.90	357.60	13,043.97	1,162.87	642.71	376,699.99	816,263.41	32.0325246	-103.4461437	
14,248.00	91.60	357.40	13,041.91	1,256.76	638.61	376,793.88	816,259.31	32.0327828	-103.4461544	
14,337.00	89.20	359.60	13,041.29	1,345.71	636.28	376,882.83	816,256.98	32.0330273	-103.4461596	
14,427.00	86.70	358.90	13,044.51	1,435.64	635.11	376,972.76	816,255.80	32.0332745	-103.4461610	
14,516.00	89.50	359.70	13,047.46	1,524.58	634.02	377,061.69	816,254.72	32.0335190	-103.4461622	
14,606.00	90.30	359.70	13,047.62	1,614.57	633.55	377,151.69	816,254.25	32.0337664	-103.4461613	
14,695.00	89.70	358.70	13,047.62	1,703.56	632.31	377,240.68	816,253.00	32.0340110	-103.4461630	
14,785.00	90.10	358.80	13,047.78	1,793.54	630.34	377,330.66	816,251.04	32.0342584	-103.4461669	
14,875.00	92.00	0.60	13,046.13	1,883.52	629.87	377,420.64	816,250.57	32.0345057	-103.4461660	
14,964.00	92.40	0.20	13,042.71	1,972.45	630.49	377,509.57	816,251.19	32.0347501	-103.4461617	
15,053.00	92.10	0.10	13,039.22	2,061.38	630.72	377,598.50	816,251.42	32.0349946	-103.4461586	
15,143.00	92.90	2.00	13,035.29	2,151.28	632.37	377,688.39	816,253.07	32.0352416	-103.4461509	
15,233.00	90.30	0.40	13,032.78	2,241.21	634.25	377,778.33	816,254.95	32.0354888	-103.4461424	
15,323.00	90.30	0.70	13,032.31	2,331.20	635.12	377,868.32	816,255.82	32.0357361	-103.4461372	
15,412.00	90.90	1.20	13,031.38	2,420.19	636.59	377,957.31	816,257.29	32.0359807	-103.4461301	
15,476.83	91.19	0.62	13,030.19	2,485.00	637.63	378,022.12	816,258.32	32.0361588	-103.4461251	
<b>X SEC @ 15477' MD, 0' FSL, 970' FWL</b>										
15,502.00	91.30	0.40	13,029.65	2,510.16	637.85	378,047.28	816,258.55	32.0362279	-103.4461237	
15,592.00	92.00	0.70	13,027.06	2,600.12	638.71	378,137.24	816,259.41	32.0364752	-103.4461185	
15,682.00	92.60	1.60	13,023.44	2,690.03	640.52	378,227.14	816,261.22	32.0367223	-103.4461103	
15,771.00	90.50	359.70	13,021.04	2,778.98	641.53	378,316.10	816,262.22	32.0369668	-103.4461047	
15,861.00	90.50	359.70	13,020.25	2,868.97	641.06	378,406.09	816,261.75	32.0372141	-103.4461038	
15,950.00	90.70	0.00	13,019.32	2,957.97	640.82	378,495.09	816,261.52	32.0374588	-103.4461022	
16,040.00	91.30	0.00	13,017.75	3,047.96	640.82	378,585.07	816,261.52	32.0377061	-103.4460998	
16,129.00	91.50	0.30	13,015.57	3,136.93	641.06	378,674.05	816,261.75	32.0379506	-103.4460967	

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
<b>Project:</b>	Lea County, NM (NAD83)	<b>TVD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Site:</b>	Muskie 23-11 Fed Com	<b>MD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Well:</b>	Muskie 23-11 Fed Com 2H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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	
16,219.00	93.30	1.50	13,011.81	3,226.83	642.47	378,763.95	816,263.17	32.0381977	-103.4460898	
16,309.00	90.90	0.00	13,008.51	3,316.76	643.64	378,853.87	816,264.34	32.0384449	-103.4460836	
16,399.00	90.70	0.00	13,007.25	3,406.75	643.64	378,943.86	816,264.34	32.0386922	-103.4460812	
16,488.00	91.10	0.10	13,005.85	3,495.74	643.72	379,032.85	816,264.42	32.0389368	-103.4460786	
16,611.00	90.20	359.30	13,004.46	3,618.72	643.08	379,155.84	816,263.78	32.0392749	-103.4460774	
16,700.00	90.70	359.10	13,003.76	3,707.71	641.83	379,244.83	816,262.53	32.0395195	-103.4460791	
16,790.00	90.00	357.70	13,003.21	3,797.67	639.32	379,334.79	816,260.02	32.0397668	-103.4460848	
16,879.00	89.70	357.80	13,003.44	3,886.60	635.83	379,423.72	816,256.53	32.0400114	-103.4460937	
16,969.00	90.00	357.70	13,003.68	3,976.53	632.29	379,513.65	816,252.99	32.0402586	-103.4461027	
17,058.00	90.30	356.60	13,003.44	4,065.42	627.87	379,602.54	816,248.57	32.0405031	-103.4461147	
17,148.00	90.30	357.50	13,002.97	4,155.30	623.24	379,692.42	816,243.94	32.0407502	-103.4461272	
17,238.00	90.20	357.20	13,002.58	4,245.20	619.08	379,782.32	816,239.77	32.0409974	-103.4461383	
17,327.00	90.50	356.50	13,002.04	4,334.07	614.19	379,871.18	816,234.88	32.0412418	-103.4461517	
17,417.00	90.20	358.20	13,001.49	4,423.96	610.02	379,961.08	816,230.72	32.0414890	-103.4461627	
17,506.00	90.70	358.70	13,000.79	4,512.93	607.62	380,050.05	816,228.32	32.0417336	-103.4461681	
17,596.00	91.20	358.60	12,999.30	4,602.89	605.50	380,140.01	816,226.20	32.0419809	-103.4461726	
17,686.00	91.50	358.10	12,997.18	4,692.83	602.91	380,229.95	816,223.61	32.0422281	-103.4461786	
17,775.00	91.50	358.60	12,994.85	4,781.76	600.35	380,318.88	816,221.04	32.0424726	-103.4461845	
17,865.00	89.70	358.30	12,993.90	4,871.72	597.91	380,408.84	816,218.61	32.0427200	-103.4461900	
17,954.00	90.40	359.30	12,993.83	4,960.70	596.05	380,497.82	816,216.75	32.0429646	-103.4461936	
18,044.00	90.00	359.30	12,993.51	5,050.69	594.95	380,587.81	816,215.65	32.0432120	-103.4461948	
18,134.00	89.80	0.30	12,993.67	5,140.69	594.63	380,677.81	816,215.33	32.0434593	-103.4461934	
18,223.00	89.70	359.90	12,994.06	5,229.69	594.79	380,766.81	816,215.49	32.0437040	-103.4461905	
18,313.00	89.50	0.30	12,994.68	5,319.68	594.95	380,856.80	816,215.64	32.0439513	-103.4461876	
18,402.00	91.00	0.60	12,994.30	5,408.68	595.64	380,945.80	816,216.34	32.0441959	-103.4461830	
18,492.00	92.00	0.10	12,991.94	5,498.64	596.19	381,035.76	816,216.89	32.0444432	-103.4461789	
18,581.00	89.30	0.80	12,990.93	5,587.63	596.89	381,124.75	816,217.59	32.0446878	-103.4461743	
18,670.00	90.50	3.50	12,991.09	5,676.55	600.23	381,213.67	816,220.93	32.0449321	-103.4461611	
18,760.00	93.50	3.00	12,987.95	5,766.34	605.33	381,303.46	816,226.03	32.0451788	-103.4461423	
18,850.00	90.90	2.40	12,984.49	5,856.17	609.57	381,393.29	816,230.26	32.0454256	-103.4461262	
18,939.00	93.30	0.80	12,981.23	5,945.07	612.05	381,482.19	816,232.75	32.0456699	-103.4461159	
19,028.00	95.10	0.10	12,974.71	6,033.82	612.75	381,570.94	816,233.45	32.0459138	-103.4461113	
19,117.00	92.40	359.50	12,968.89	6,122.62	612.44	381,659.74	816,233.14	32.0461579	-103.4461099	
19,207.00	90.40	0.50	12,966.69	6,212.59	612.44	381,749.71	816,233.14	32.0464052	-103.4461075	
19,296.00	90.10	1.70	12,966.30	6,301.57	614.15	381,838.69	816,234.84	32.0466498	-103.4460997	
19,385.00	93.40	1.50	12,963.59	6,390.48	616.63	381,927.60	816,237.33	32.0468941	-103.4460893	
19,475.00	93.20	1.80	12,958.41	6,480.29	619.22	382,017.41	816,239.92	32.0471409	-103.4460785	
19,565.00	92.70	357.80	12,953.77	6,570.16	618.90	382,107.27	816,239.60	32.0473879	-103.4460772	
19,654.00	92.70	357.70	12,949.58	6,658.99	615.41	382,196.11	816,236.11	32.0476322	-103.4460861	
19,744.00	92.10	357.30	12,945.81	6,748.82	611.49	382,285.94	816,232.19	32.0478792	-103.4460964	
19,833.00	91.60	357.10	12,942.94	6,837.67	607.15	382,374.79	816,227.84	32.0481235	-103.4461080	
19,923.00	91.00	357.10	12,940.90	6,927.53	602.59	382,464.65	816,223.29	32.0483706	-103.4461203	
20,012.00	90.20	358.70	12,939.96	7,016.46	599.33	382,553.58	816,220.03	32.0486151	-103.4461285	
20,102.00	90.00	358.00	12,939.81	7,106.43	596.74	382,643.54	816,217.44	32.0488624	-103.4461345	
20,191.00	89.80	357.90	12,939.96	7,195.37	593.56	382,732.49	816,214.26	32.0491070	-103.4461424	
20,281.00	89.30	358.30	12,940.67	7,285.32	590.57	382,822.43	816,211.27	32.0493543	-103.4461496	
20,371.00	90.80	0.10	12,940.59	7,375.30	589.32	382,912.42	816,210.01	32.0496016	-103.4461513	
20,461.00	90.60	1.10	12,939.49	7,465.29	590.26	383,002.41	816,210.96	32.0498490	-103.4461459	
20,550.00	91.50	0.80	12,937.86	7,554.26	591.73	383,091.38	816,212.43	32.0500935	-103.4461388	
20,640.00	92.00	0.60	12,935.11	7,644.21	592.83	383,181.33	816,213.53	32.0503407	-103.4461328	
20,730.00	91.50	0.70	12,932.36	7,734.16	593.85	383,271.28	816,214.55	32.0505879	-103.4461271	
20,761.49	91.01	0.49	12,931.67	7,765.64	594.18	383,302.76	816,214.88	32.0506744	-103.4461253	
<b>X SEC @ 20761' MD, 0' FSL, 970' FWL</b>										
20,820.00	90.10	0.10	12,931.11	7,824.15	594.48	383,361.27	816,215.18	32.0508352	-103.4461227	
20,909.00	90.20	0.70	12,930.87	7,913.15	595.10	383,450.26	816,215.80	32.0510799	-103.4461184	

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
<b>Project:</b>	Lea County, NM (NAD83)	<b>TVD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Site:</b>	Muskie 23-11 Fed Com	<b>MD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Well:</b>	Muskie 23-11 Fed Com 2H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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	
20,999.00	92.50	359.30	12,928.75	8,003.11	595.10	383,540.23	816,215.80	32.0513271	-103.4461160	
21,088.00	92.00	359.30	12,925.26	8,092.04	594.02	383,629.16	816,214.72	32.0515716	-103.4461171	
21,178.00	91.70	358.30	12,922.35	8,181.97	592.13	383,719.09	816,212.83	32.0518188	-103.4461208	
21,268.00	91.80	358.80	12,919.61	8,271.90	589.86	383,809.02	816,210.56	32.0520661	-103.4461258	
21,357.00	91.20	358.60	12,917.28	8,360.84	587.84	383,897.96	816,208.54	32.0523106	-103.4461299	
21,447.00	90.90	358.80	12,915.63	8,450.81	585.80	383,987.92	816,206.50	32.0525579	-103.4461341	
21,536.00	90.70	358.60	12,914.38	8,539.77	583.78	384,076.89	816,204.48	32.0528025	-103.4461383	
21,626.00	89.50	0.20	12,914.23	8,629.76	582.84	384,166.88	816,203.53	32.0530499	-103.4461390	
21,716.00	89.20	0.80	12,915.25	8,719.75	583.62	384,256.87	816,204.32	32.0532972	-103.4461340	
21,806.00	88.70	1.10	12,916.90	8,809.73	585.11	384,346.85	816,205.81	32.0535445	-103.4461268	
21,896.00	88.50	1.40	12,919.10	8,899.68	587.08	384,436.80	816,207.77	32.0537917	-103.4461181	
21,985.00	90.00	359.30	12,920.26	8,988.66	587.62	384,525.78	816,208.32	32.0540362	-103.4461140	
22,075.00	89.60	357.80	12,920.57	9,078.63	585.34	384,615.75	816,206.04	32.0542836	-103.4461190	
22,165.00	89.40	357.70	12,921.36	9,168.56	581.81	384,705.68	816,202.51	32.0545308	-103.4461280	
22,254.00	92.20	359.20	12,920.12	9,257.50	579.40	384,794.62	816,200.10	32.0547754	-103.4461334	
22,344.00	92.70	359.20	12,916.27	9,347.41	578.15	384,884.53	816,198.84	32.0550225	-103.4461351	
22,433.00	92.80	359.20	12,912.00	9,436.30	576.90	384,973.42	816,197.60	32.0552669	-103.4461367	
22,522.00	91.20	358.90	12,908.89	9,525.23	575.43	385,062.35	816,196.13	32.0555114	-103.4461391	
22,612.00	90.70	359.00	12,907.40	9,615.20	573.78	385,152.32	816,194.48	32.0557587	-103.4461420	
22,701.00	90.40	359.10	12,906.55	9,704.19	572.31	385,241.31	816,193.00	32.0560033	-103.4461444	
22,791.00	90.10	358.60	12,906.16	9,794.17	570.50	385,331.29	816,191.20	32.0562507	-103.4461479	
22,881.00	89.40	358.60	12,906.55	9,884.14	568.30	385,421.26	816,189.00	32.0564980	-103.4461526	
22,970.00	90.60	359.30	12,906.55	9,973.12	566.67	385,510.24	816,187.37	32.0567427	-103.4461555	
23,060.00	91.00	359.30	12,905.29	10,063.11	565.57	385,600.23	816,186.27	32.0569900	-103.4461567	
23,149.00	90.40	358.70	12,904.20	10,152.09	564.02	385,689.20	816,184.71	32.0572346	-103.4461593	
23,239.00	90.30	358.50	12,903.65	10,242.06	561.82	385,779.18	816,182.52	32.0574820	-103.4461640	
23,329.00	90.60	358.90	12,902.95	10,332.03	559.78	385,869.15	816,180.47	32.0577293	-103.4461682	
23,418.00	90.50	359.10	12,902.00	10,421.01	558.22	385,958.13	816,178.92	32.0579739	-103.4461709	
23,508.00	90.00	359.00	12,901.70	10,511.00	556.73	386,048.12	816,177.43	32.0582213	-103.4461733	
23,598.00	89.40	358.50	12,902.17	10,600.98	554.77	386,138.10	816,175.47	32.0584687	-103.4461773	
23,688.00	91.90	359.30	12,901.15	10,690.95	553.04	386,228.07	816,173.74	32.0587160	-103.4461804	
23,777.00	91.40	359.20	12,898.59	10,779.90	551.88	386,317.02	816,172.57	32.0589605	-103.4461818	
23,867.00	91.30	359.50	12,896.47	10,869.87	550.85	386,406.99	816,171.55	32.0592079	-103.4461828	
23,957.00	91.30	0.00	12,894.43	10,959.85	550.46	386,496.97	816,171.16	32.0594552	-103.4461816	
24,046.00	91.20	0.10	12,892.48	11,048.83	550.54	386,585.94	816,171.24	32.0596997	-103.4461790	
24,136.00	91.40	1.10	12,890.44	11,138.80	551.48	386,675.91	816,172.18	32.0599470	-103.4461736	
24,225.00	91.30	0.90	12,888.35	11,227.76	553.03	386,764.88	816,173.73	32.0601915	-103.4461662	
24,315.00	91.60	0.80	12,886.07	11,317.72	554.37	386,854.84	816,175.07	32.0604388	-103.4461595	
24,405.00	90.50	0.90	12,884.42	11,407.69	555.70	386,944.81	816,176.40	32.0606860	-103.4461528	
24,494.00	91.00	1.30	12,883.25	11,496.67	557.41	387,033.79	816,178.11	32.0609306	-103.4461450	
24,583.00	91.30	1.50	12,881.47	11,585.62	559.59	387,122.74	816,180.28	32.0611750	-103.4461356	
24,673.00	91.00	1.90	12,879.66	11,675.57	562.26	387,212.68	816,182.95	32.0614222	-103.4461246	
24,762.00	91.20	2.50	12,877.95	11,764.48	565.67	387,301.60	816,186.37	32.0616665	-103.4461112	
24,852.00	90.20	0.00	12,876.85	11,854.45	567.63	387,391.57	816,188.33	32.0619137	-103.4461025	
24,941.00	90.00	359.20	12,876.70	11,943.44	567.01	387,480.56	816,187.71	32.0621584	-103.4461021	
25,030.00	90.20	358.50	12,876.54	12,032.43	565.23	387,569.54	816,185.93	32.0624030	-103.4461055	
25,120.00	90.60	359.00	12,875.91	12,122.40	563.26	387,659.52	816,183.96	32.0626503	-103.4461095	
25,210.00	90.80	359.30	12,874.81	12,212.38	561.93	387,749.50	816,182.63	32.0628977	-103.4461114	
25,299.00	90.90	0.00	12,873.49	12,301.37	561.39	387,838.49	816,182.08	32.0631423	-103.4461108	
25,388.00	90.50	358.90	12,872.41	12,390.36	560.53	387,927.48	816,181.23	32.0633869	-103.4461112	
25,478.00	90.90	358.70	12,871.31	12,480.33	558.65	388,017.45	816,179.34	32.0636343	-103.4461149	
25,568.00	90.90	358.50	12,869.89	12,570.30	556.45	388,107.41	816,177.15	32.0638816	-103.4461196	
25,657.00	90.50	357.90	12,868.81	12,659.24	553.65	388,196.36	816,174.35	32.0641261	-103.4461262	
25,747.00	90.20	358.50	12,868.26	12,749.20	550.83	388,286.32	816,171.52	32.0643735	-103.4461330	
25,837.00	89.70	358.90	12,868.34	12,839.17	548.78	388,376.29	816,169.48	32.0646208	-103.4461372	

Survey Report - Geographic

<b>Company:</b>	Devon Energy	<b>Local Co-ordinate Reference:</b>	Well Muskie 23-11 Fed Com 2H
<b>Project:</b>	Lea County, NM (NAD83)	<b>TVD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Site:</b>	Muskie 23-11 Fed Com	<b>MD Reference:</b>	GE 3212.6' + KB 30' @ 3242.60usft
<b>Well:</b>	Muskie 23-11 Fed Com 2H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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
25,878.00	89.20	358.10	12,868.73	12,880.16	547.71	388,417.28	816,168.41	32.0647335	-103.4461396
25,927.99	89.20	358.10	12,869.43	12,930.12	546.05	388,467.23	816,166.75	32.0648708	-103.4461436
<b>X LTP @ 25928' MD, 100' FNL, 967' FWL</b>									
25,938.00	89.20	358.10	12,869.57	12,940.12	545.72	388,477.24	816,166.42	32.0648983	-103.4461444
<b>PBHL; 90' FNL, 967' FWL</b>									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
12,834.95	12,768.55	-54.00	616.77	X FTP @ 12835' MD, 2539' FNL, 926' FWL	
15,476.83	13,030.19	2,485.00	637.63	X SEC @ 15477' MD, 0' FSL, 970' FWL	
20,761.49	12,931.67	7,765.64	594.18	X SEC @ 20761' MD, 0' FSL, 970' FWL	
25,927.99	12,869.43	12,930.12	546.05	X LTP @ 25928' MD, 100' FNL, 967' FWL	
25,938.00	12,869.57	12,940.12	545.72	PBHL; 90' FNL, 967' 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

Form C-103  
 Revised August 1, 2011

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

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-47412
2. Name of Operator Devon Energy Production Company, L.P.		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>E</u> : <u>2485</u> feet from the <u>North</u> line and <u>311</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>		7. Lease Name or Unit Agreement Name Muskie 23-11 Fed Com
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3212.6'		8. Well Number 2H
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: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

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.

5/22/22-8/31/22: MIRU WL & PT. TIH & ran CBL, found TOC @ surface. PT csg to 12,000 psi for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 13250'-25873', total 1878 holes. Frac totals 31,283,720# proppant, 121 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD w/ float collar 25,924' MD/12,869' 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 9/16/2022

Type or print name Shayda Omoumi E-mail address: shayda.omoumi@dvn.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		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> Revised August 1, 2011				
		1. WELL API NO.		30-025-47412		2. Type of Lease		<input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN		
		3. State Oil & Gas Lease No.				5. Lease Name or Unit Agreement Name		Muskie 23-11 Fed Com		
		4. Reason for filing:		<input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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)		6. Well Number:		2H		
7. Type of Completion:										
<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator					9. OGRID					
Devon Energy Production Company, L.P.					6137					
10. Address of Operator					11. Pool name or Wildcat					
333 West Sheridan Avenue, Oklahoma City, OK 73102					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:	E	23	26S	34E		2485	North	311	West	Lea
BH:	D	11	26S	34E		110	North	966	West	Lea
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)				
2/12/22	5/5/22	5/10/22		8/31/22		3212.6' GL				
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			
25938 MD, 12870 TVD			25,924 MD/12,869 TVD		Yes		CBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name										
13250-25873, WOLFCAMP, SOUTHWEST										
23. <b>CASING RECORD (Report all strings set in well)</b>										
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
10-3/4"	45.5		980		13-1/2"		560 sx CIC; circ 305 sx			
8-5/8"	32		12506		9-7/8"		680 sx CIC ; circ 73 sx			
5-1/2"	20		25926		7-7/8"		4262 sx CIH; circ 0 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)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
13250 - 25873, total 1878 holes					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					13250-25873		Acidize and frac in 53 stages. See detailed summary attached.			
28. <b>PRODUCTION</b>										
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )				Well Status ( <i>Prod. or Shut-in</i> )				
8/31/22		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
9/9/22	24	N/A		1031	1550	4193	1503.394762			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )				
1073 psi	N/A									
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )							30. Test Witnessed By			
Sold										
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			Title	Date					
	Shayda Omoumi			Regulatory Compliance Professional	9/16/2022					
E-mail Address	shayda.omoumi@dvn.com									



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 144076

**ACKNOWLEDGMENTS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 144076
	Action Type: [C-104] Completion Packet (C-104C)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 144076

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 144076
	Action Type: [C-104] Completion Packet (C-104C)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	4/22/2026