

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 / 4/4/22
⁴ API Number 30-015-46702	⁵ Pool Name PURPLE SAGE; WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code 326251	⁸ Property Name Mr Potato Head 11-14 Fed Com	⁹ Well Number 624H

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
A	11	24S	29E		300	North	636	East	Eddy

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
P	14	24S	29E		116	South	869	East	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 4/4/22	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
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 10/19/21	²² Ready Date 4/4/22	²³ TD 20366	²⁴ PBTD 20,348 MD/10,363 TVD	²⁵ Perforations 10586 - 20336	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	427	466 sx CI OTHER; Circ 163 sx		
9-7/8"	8-5/8"	9799	843 sx CIC; Circ 266 sx		
7-7/8"	5-1/2"	20351	1465 sx CIH; Circ 0		
	Tubing: 2-7/8"	9876			

V. Well Test Data

³¹ Date New Oil 4/14/22	³² Gas Delivery Date 4/14/22	³³ Test Date 4/14/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure 1451 psi
³⁷ Choke Size	³⁸ Oil 3119 bbl	³⁹ Water 5112 bbl	⁴⁰ Gas 6290 mcf		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Shayda Omoumi		Approved by: PATRICIA MARTINEZ	
Title: Regulatory Compliance Associate		Title: PETROLEUM SPECIALIST	
E-mail Address: shayda.omoumi@dvN.com		Approval Date: 4/17/2024	
Date: 4/29/2022	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 Road, 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, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46702	² Pool Code 98220	³ Pool Name PURPLE SAGE;WOLFCAMP
⁴ Property Code 326251	⁵ Property Name MR POTATO HEAD 11-14 FED COM	⁶ Well Number 624H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3077.1

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
A	11	24 S	29 E		300	NORTH	636	EAST	EDDY

¹¹ 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
P	14	24 S	29 E		116	SOUTH	869	EAST	EDDY

¹² Dedicated Acres 1280	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

NW CORNER SEC. 11 LAT. = 32.2394174°N LONG. = 103.9637841°W NMSP EAST (FT) N = 451030.14 E = 655595.01 W/4 CORNER SEC. 11 LAT. = 32.2321189°N LONG. = 103.9637714°W NMSP EAST (FT) N = 448375.07 E = 655608.09 SECTION CORNER LAT. = 32.2248207°N LONG. = 103.9637576°W NMSP EAST (FT) N = 445720.12 E = 655621.49 W/4 CORNER SEC. 14 LAT. = 32.2175269°N LONG. = 103.9637524°W NMSP EAST (FT) N = 443066.77 E = 655632.22 SW CORNER SEC. 14 LAT. = 32.2102312°N LONG. = 103.9637487°W NMSP EAST (FT) N = 440412.71 E = 655642.49		N/4 CORNER SEC. 11 LAT. = 32.2394259°N LONG. = 103.9551991°W NMSP EAST (FT) N = 451042.47 E = 658249.35 KICK OFF POINT 244' FNL, 949' FEL LAT. = 32.2387691°N LONG. = 103.9496899°W FIRST TAKE POINT 729' FNL, 909' FEL LAT. = 32.2374375°N LONG. = 103.9495577°W QUARTER CORNER LAT. = 32.2248366°N LONG. = 103.9551903°W NMSP EAST (FT) N = 445735.13 E = 658270.76 S/4 CORNER SEC. 14 LAT. = 32.2102547°N LONG. = 103.9551948°W NMSP EAST (FT) N = 440430.47 E = 658288.01		KOP SURFACE LOCATION FTP MR POTATO HEAD 11-14 FED COM 624H ELEV. = 3077.1' LONG. = 103.9486763°W NMSP EAST (FT) N = 450755.70 E = 660267.15 AS-DRILLED LAST TAKE POINT 146' FSL, 870' FEL LAT. = 32.2106746°N LONG. = 103.9494558°W BOTTOM OF HOLE LAT. = 32.2105923°N LONG. = 103.9494514°W NMSP EAST (FT) N = 440559.55 E = 660063.92 LTP BOTTOM OF HOLE		NE CORNER SEC. 11 LAT. = 32.2394475°N LONG. = 103.9466205°W NMSP EAST (FT) N = 451059.78 E = 660901.66 E/4 CORNER SEC. 11 LAT. = 32.2321433°N LONG. = 103.9466133°W NMSP EAST (FT) N = 448402.62 E = 660913.48 SECTION CORNER LAT. = 32.2248497°N LONG. = 103.9466130°W NMSP EAST (FT) N = 445749.34 E = 660923.11 E/4 CORNER SEC. 14 LAT. = 32.2102810°N LONG. = 103.9466437°W NMSP EAST (FT) N = 440449.43 E = 660932.70	
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17 OPERATOR CERTIFICATION

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Shayda Omoumi 4/12/2022
Signature Date

Shayda Omoumi
Printed Name

shayda.omoumi@divn.com
E-mail Address

18 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.

APRIL 6, 2022
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

Certificate Number: **12797**
Survey No. 7031F

Intent ☐ As Drilled ☒

API # 30-015-46702		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: MR POTATO HEAD 11-14 FED COM	Well Number 624H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	11	24S	29E		244	NORTH	949	EAST	EDDY
Latitude 32.2387691					Longitude 103.9496899				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	11	24S	29E		729	NORTH	909	EAST	EDDY
Latitude 32.2374375					Longitude 103.9495577				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	14	24S	29E		146	SOUTH	870	EAST	EDDY
Latitude 32.2106746					Longitude 103.9494558				NAD 83

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

☐ N

Is this well an infill well?

☐ Y

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

API # 30-015-46722		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: MR POTATO HEAD 11-14 FED COM	Well Number 623H

KZ 06/29/2018



Devon Energy

Eddy County, NM (NAD83 NME)
Mr. Potato Head 11-14 Fed Com
Mr. Potato Head 11-14 Fed Com 624H

OH Wellbore

Design: As Drilled

Standard Survey Report

19 November, 2021



www.scientificdrilling.com



Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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

Site						Mr. Potato Head 11-14 Fed Com, SH of Mr. Potato Head 11-14 Fed Com 333H											
Site Position:			Northing:			450,755.90 usft			Latitude:			32.238618					
From:			Map			Easting:			660,297.14 usft			Longitude:			-103.948580		
Position Uncertainty:			0.00 usft			Slot Radius:			13-3/16 "			Grid Convergence:			0.21 °		

Well	Mr. Potato Head 11-14 Fed Com 624H					
Well Position	+N/-S	0.00 usft	Northing:	450,755.70 usft	Latitude:	32.238618
	+E/-W	0.00 usft	Easting:	660,267.15 usft	Longitude:	-103.948677
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,103.10 usft	Ground Level:	3,077.10 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	9/24/2021	6.72	59.90	47,668.90000000

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	181.36	

Survey Program	Date	11/19/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	20,366.00	Survey #1 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
180.00	0.97	15.52	179.99	1.47	0.41	-1.48	0.54	0.54	0.00	
276.00	1.41	26.51	275.97	3.31	1.15	-3.33	0.51	0.46	11.45	
364.00	1.13	10.15	363.95	5.13	1.79	-5.17	0.52	-0.32	-18.59	
522.00	1.56	14.54	521.91	8.75	2.60	-8.81	0.28	0.27	2.78	
618.00	1.66	12.41	617.87	11.37	3.23	-11.44	0.12	0.10	-2.22	
713.00	1.63	15.56	712.83	14.01	3.89	-14.10	0.10	-0.03	3.32	
809.00	1.73	8.73	808.79	16.76	4.47	-16.86	0.23	0.10	-7.11	
904.00	2.04	4.90	903.74	19.86	4.84	-19.97	0.35	0.33	-4.03	
1,000.00	2.22	4.46	999.67	23.42	5.13	-23.54	0.19	0.19	-0.46	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,095.00	2.79	357.91	1,094.58	27.57	5.19	-27.68	0.67	0.60	-6.89
1,190.00	3.43	358.18	1,189.44	32.72	5.01	-32.83	0.67	0.67	0.28
1,285.00	1.02	355.73	1,284.36	36.40	4.86	-36.51	2.54	-2.54	-2.58
1,381.00	0.47	87.51	1,380.35	37.27	5.19	-37.38	1.18	-0.57	95.60
1,476.00	0.42	34.46	1,475.35	37.57	5.77	-37.70	0.42	-0.05	-55.84
1,572.00	0.40	55.45	1,571.35	38.05	6.25	-38.19	0.16	-0.02	21.86
1,667.00	0.50	63.76	1,666.35	38.43	6.89	-38.58	0.13	0.11	8.75
1,762.00	0.41	60.26	1,761.34	38.78	7.56	-38.95	0.10	-0.09	-3.68
1,857.00	0.24	21.77	1,856.34	39.13	7.93	-39.31	0.28	-0.18	-40.52
1,953.00	0.26	32.29	1,952.34	39.50	8.12	-39.68	0.05	0.02	10.96
2,048.00	0.48	59.01	2,047.34	39.89	8.58	-40.08	0.29	0.23	28.13
2,144.00	0.60	52.34	2,143.33	40.40	9.32	-40.61	0.14	0.13	-6.95
2,239.00	0.50	27.58	2,238.33	41.07	9.91	-41.30	0.27	-0.11	-26.06
2,334.00	0.47	16.08	2,333.33	41.82	10.21	-42.05	0.11	-0.03	-12.11
2,430.00	0.54	73.48	2,429.32	42.32	10.75	-42.57	0.51	0.07	59.79
2,525.00	0.93	192.35	2,524.32	41.70	11.01	-41.95	1.35	0.41	125.13
2,620.00	2.45	235.67	2,619.28	39.80	9.17	-40.01	1.98	1.60	45.60
2,716.00	4.61	253.38	2,715.09	37.54	3.78	-37.62	2.49	2.25	18.45
2,811.00	5.89	257.79	2,809.69	35.41	-4.64	-35.29	1.41	1.35	4.64
2,906.00	5.83	250.74	2,904.20	32.79	-13.96	-32.45	0.76	-0.06	-7.42
3,001.00	6.51	251.30	2,998.65	29.47	-23.62	-28.91	0.72	0.72	0.59
3,097.00	6.94	260.86	3,093.99	26.81	-34.50	-25.98	1.25	0.45	9.96
3,192.00	6.93	274.40	3,188.30	26.34	-45.88	-25.24	1.72	-0.01	14.25
3,288.00	6.85	276.00	3,283.61	27.38	-57.35	-26.01	0.22	-0.08	1.67
3,382.00	7.09	283.70	3,376.91	29.34	-68.56	-27.70	1.03	0.26	8.19
3,477.00	7.71	288.61	3,471.12	32.76	-80.30	-30.85	0.93	0.65	5.17
3,573.00	7.45	287.31	3,566.28	36.67	-92.34	-34.47	0.32	-0.27	-1.35
3,668.00	7.04	285.48	3,660.53	40.05	-103.83	-37.58	0.50	-0.43	-1.93
3,764.00	6.84	296.65	3,755.83	44.19	-114.61	-41.46	1.42	-0.21	11.64
3,859.00	6.35	295.55	3,850.20	48.99	-124.41	-46.03	0.53	-0.52	-1.16
3,954.00	6.31	294.83	3,944.62	53.45	-133.89	-50.26	0.09	-0.04	-0.76
4,049.00	5.90	295.90	4,039.08	57.78	-143.02	-54.36	0.45	-0.43	1.13
4,145.00	5.46	293.93	4,134.61	61.78	-151.63	-58.17	0.50	-0.46	-2.05
4,240.00	5.32	293.81	4,229.19	65.39	-159.79	-61.58	0.15	-0.15	-0.13
4,335.00	5.38	293.41	4,323.77	68.94	-167.91	-64.94	0.07	0.06	-0.42
4,431.00	5.22	291.89	4,419.36	72.36	-176.09	-68.16	0.22	-0.17	-1.58
4,526.00	5.27	291.17	4,513.97	75.54	-184.17	-71.15	0.09	0.05	-0.76
4,621.00	4.98	290.81	4,608.59	78.59	-192.09	-74.00	0.31	-0.31	-0.38
4,716.00	4.66	291.09	4,703.25	81.44	-199.54	-76.68	0.34	-0.34	0.29
4,812.00	4.22	288.25	4,798.96	83.95	-206.54	-79.02	0.51	-0.46	-2.96
4,907.00	3.92	290.34	4,893.72	86.17	-212.90	-81.09	0.35	-0.32	2.20
5,003.00	3.76	285.63	4,989.51	88.16	-219.01	-82.94	0.37	-0.17	-4.91
5,098.00	3.84	286.54	5,084.30	89.90	-225.06	-84.54	0.11	0.08	0.96
5,194.00	3.65	285.26	5,180.09	91.62	-231.09	-86.11	0.22	-0.20	-1.33



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,289.00	3.76	286.80	5,274.89	93.32	-236.99	-87.67	0.16	0.12	1.62
5,385.00	3.62	283.71	5,370.70	94.95	-242.95	-89.16	0.25	-0.15	-3.22
5,480.00	2.91	291.31	5,465.54	96.54	-248.11	-90.62	0.87	-0.75	8.00
5,576.00	2.69	302.85	5,561.43	98.64	-252.27	-92.63	0.63	-0.23	12.02
5,672.00	2.49	302.20	5,657.33	100.98	-255.93	-94.87	0.21	-0.21	-0.68
5,767.00	0.78	351.42	5,752.29	102.72	-257.77	-96.57	2.18	-1.80	51.81
5,862.00	0.84	338.76	5,847.28	104.00	-258.12	-97.85	0.20	0.06	-13.33
5,957.00	0.72	316.95	5,942.27	105.09	-258.78	-98.92	0.33	-0.13	-22.96
6,053.00	0.68	309.06	6,038.27	105.89	-259.63	-99.70	0.11	-0.04	-8.22
6,148.00	0.48	309.78	6,133.26	106.50	-260.38	-100.29	0.21	-0.21	0.76
6,244.00	0.61	304.63	6,229.26	107.05	-261.10	-100.82	0.14	0.14	-5.36
6,339.00	0.44	288.06	6,324.25	107.45	-261.87	-101.20	0.24	-0.18	-17.44
6,435.00	0.67	274.14	6,420.25	107.60	-262.78	-101.33	0.28	0.24	-14.50
6,530.00	0.70	263.65	6,515.24	107.58	-263.91	-101.28	0.14	0.03	-11.04
6,625.00	0.84	261.61	6,610.23	107.41	-265.17	-101.09	0.15	0.15	-2.15
6,720.00	0.92	247.57	6,705.22	107.02	-266.57	-100.66	0.24	0.08	-14.78
6,815.00	1.16	251.44	6,800.21	106.42	-268.18	-100.03	0.26	0.25	4.07
6,910.00	1.33	255.22	6,895.18	105.84	-270.16	-99.39	0.20	0.18	3.98
7,006.00	1.69	251.02	6,991.15	105.09	-272.58	-98.59	0.39	0.38	-4.38
7,101.00	1.71	253.81	7,086.11	104.24	-275.26	-97.68	0.09	0.02	2.94
7,196.00	1.80	255.55	7,181.06	103.47	-278.07	-96.84	0.11	0.09	1.83
7,292.00	2.00	277.22	7,277.01	103.31	-281.19	-96.60	0.77	0.21	22.57
7,387.00	2.27	270.07	7,371.95	103.52	-284.72	-96.73	0.40	0.28	-7.53
7,482.00	1.53	230.01	7,466.90	102.70	-287.57	-95.85	1.55	-0.78	-42.17
7,578.00	1.53	223.72	7,562.86	100.95	-289.44	-94.06	0.17	0.00	-6.55
7,674.00	0.95	231.34	7,658.84	99.53	-290.95	-92.60	0.63	-0.60	7.94
7,769.00	0.64	267.03	7,753.83	99.01	-292.09	-92.05	0.60	-0.33	37.57
7,864.00	1.08	274.98	7,848.82	99.06	-293.51	-92.07	0.48	0.46	8.37
7,959.00	0.81	265.77	7,943.81	99.09	-295.07	-92.06	0.33	-0.28	-9.69
8,055.00	1.34	257.34	8,039.79	98.79	-296.85	-91.72	0.57	0.55	-8.78
8,149.00	1.21	241.62	8,133.77	98.08	-298.79	-90.96	0.40	-0.14	-16.72
8,245.00	1.70	246.26	8,229.74	97.03	-300.99	-89.86	0.52	0.51	4.83
8,340.00	1.57	228.28	8,324.70	95.59	-303.25	-88.37	0.55	-0.14	-18.93
8,435.00	0.99	229.36	8,419.67	94.19	-304.84	-86.93	0.61	-0.61	1.14
8,531.00	1.47	239.24	8,515.65	93.02	-306.53	-85.72	0.54	0.50	10.29
8,626.00	1.40	256.37	8,610.62	92.13	-308.71	-84.77	0.46	-0.07	18.03
8,722.00	1.52	236.85	8,706.59	91.15	-310.91	-83.75	0.53	0.13	-20.33
8,817.00	1.88	198.29	8,801.55	88.98	-312.46	-81.54	1.23	0.38	-40.59
8,912.00	2.00	208.15	8,896.50	86.04	-313.73	-78.57	0.37	0.13	10.38
9,008.00	2.30	204.59	8,992.43	82.81	-315.32	-75.31	0.34	0.31	-3.71
9,103.00	2.50	191.58	9,087.35	79.05	-316.53	-71.52	0.61	0.21	-13.69
9,199.00	1.75	183.06	9,183.28	75.54	-317.03	-67.99	0.85	-0.78	-8.88
9,294.00	2.28	185.17	9,278.22	72.21	-317.27	-64.66	0.56	0.56	2.22

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,389.00	1.91	180.94	9,373.16	68.74	-317.47	-61.19	0.42	-0.39	-4.45
9,485.00	2.52	154.88	9,469.09	65.23	-316.60	-57.70	1.21	0.64	-27.15
9,580.00	1.95	158.83	9,564.02	61.83	-315.13	-54.34	0.62	-0.60	4.16
9,675.00	2.05	169.47	9,658.96	58.65	-314.24	-51.18	0.40	0.11	11.20
9,754.00	2.00	171.14	9,737.91	55.90	-313.77	-48.44	0.10	-0.06	2.11
9,869.00	1.93	183.71	9,852.84	51.99	-313.58	-44.53	0.38	-0.06	10.93
9,965.00	15.04	166.93	9,947.59	38.18	-310.86	-30.79	13.75	13.66	-17.48
10,060.00	30.13	171.76	10,035.06	2.37	-304.62	4.86	15.99	15.88	5.08
10,155.00	44.08	169.35	10,110.64	-53.99	-295.04	60.97	14.76	14.68	-2.54
10,250.00	55.81	171.83	10,171.67	-125.61	-283.31	132.30	12.51	12.35	2.61
10,346.00	62.69	175.88	10,220.74	-207.58	-274.59	214.03	8.03	7.17	4.22
10,441.00	66.90	179.41	10,261.20	-293.42	-271.11	299.77	5.56	4.43	3.72
10,536.00	69.88	180.47	10,296.19	-381.73	-271.02	388.06	3.30	3.14	1.12
10,631.00	76.20	179.64	10,323.88	-472.55	-271.10	478.86	6.70	6.65	-0.87
10,727.00	83.41	180.78	10,340.87	-566.97	-271.46	573.26	7.60	7.51	1.19
10,822.00	86.60	178.05	10,349.14	-661.59	-270.48	667.82	4.41	3.36	-2.87
10,918.00	89.20	179.41	10,352.66	-757.49	-268.36	763.64	3.06	2.71	1.42
11,013.00	90.10	180.62	10,353.24	-852.48	-268.38	858.61	1.59	0.95	1.27
11,108.00	91.44	181.53	10,351.96	-947.46	-270.17	953.60	1.70	1.41	0.96
11,204.00	86.68	178.65	10,353.53	-1,043.40	-270.32	1,049.53	5.79	-4.96	-3.00
11,298.00	89.56	178.99	10,356.62	-1,137.32	-268.38	1,143.37	3.09	3.06	0.36
11,394.00	89.60	178.60	10,357.32	-1,233.30	-266.37	1,239.27	0.41	0.04	-0.41
11,489.00	89.50	178.53	10,358.07	-1,328.27	-263.99	1,334.16	0.13	-0.11	-0.07
11,584.00	87.82	178.73	10,360.29	-1,423.21	-261.72	1,429.02	1.78	-1.77	0.21
11,679.00	90.94	180.80	10,361.32	-1,518.19	-261.33	1,523.96	3.94	3.28	2.18
11,774.00	89.60	180.90	10,360.87	-1,613.17	-262.74	1,618.96	1.41	-1.41	0.11
11,869.00	89.93	179.45	10,361.26	-1,708.17	-263.03	1,713.93	1.57	0.35	-1.53
11,964.00	92.01	178.93	10,359.65	-1,803.14	-261.68	1,808.84	2.26	2.19	-0.55
12,060.00	89.50	176.32	10,358.39	-1,899.03	-257.71	1,904.62	3.77	-2.61	-2.72
12,155.00	90.27	180.62	10,358.58	-1,993.98	-255.17	1,999.47	4.60	0.81	4.53
12,251.00	89.30	180.58	10,358.94	-2,089.97	-256.17	2,095.46	1.01	-1.01	-0.04
12,346.00	87.25	179.31	10,361.80	-2,184.92	-256.08	2,190.38	2.54	-2.16	-1.34
12,436.00	92.15	181.19	10,362.27	-2,274.89	-256.48	2,280.33	5.83	5.44	2.09
12,526.00	91.38	181.17	10,359.50	-2,364.82	-258.33	2,370.29	0.86	-0.86	-0.02
12,615.00	90.57	180.66	10,357.98	-2,453.80	-259.75	2,459.27	1.08	-0.91	-0.57
12,705.00	90.23	178.49	10,357.35	-2,543.79	-259.08	2,549.22	2.44	-0.38	-2.41
12,795.00	90.94	178.97	10,356.43	-2,633.76	-257.09	2,639.12	0.95	0.79	0.53
12,885.00	91.61	178.88	10,354.43	-2,723.72	-255.40	2,729.02	0.75	0.74	-0.10
12,975.00	88.12	177.69	10,354.64	-2,813.67	-252.71	2,818.87	4.10	-3.88	-1.32
13,064.00	87.75	180.34	10,357.85	-2,902.59	-251.18	2,907.73	3.00	-0.42	2.98
13,154.00	90.71	180.59	10,359.06	-2,992.57	-251.91	2,997.70	3.30	3.29	0.28
13,243.00	89.66	180.21	10,358.77	-3,081.56	-252.53	3,086.69	1.25	-1.18	-0.43
13,333.00	87.35	177.82	10,361.12	-3,171.51	-250.98	3,176.57	3.69	-2.57	-2.66



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,423.00	90.23	176.92	10,363.02	-3,261.38	-246.86	3,266.32	3.35	3.20	-1.00
13,512.00	93.05	177.88	10,360.47	-3,350.24	-242.82	3,355.06	3.35	3.17	1.08
13,602.00	92.11	177.75	10,356.42	-3,440.08	-239.39	3,444.80	1.05	-1.04	-0.14
13,691.00	91.31	178.83	10,353.77	-3,529.00	-236.74	3,533.63	1.51	-0.90	1.21
13,781.00	89.60	180.36	10,353.05	-3,618.99	-236.10	3,623.58	2.55	-1.90	1.70
13,871.00	89.77	180.21	10,353.55	-3,708.99	-236.55	3,713.56	0.25	0.19	-0.17
13,960.00	90.20	181.19	10,353.57	-3,797.98	-237.64	3,802.55	1.20	0.48	1.10
14,050.00	90.94	182.61	10,352.67	-3,887.93	-240.62	3,892.54	1.78	0.82	1.58
14,139.00	90.67	182.61	10,351.42	-3,976.82	-244.67	3,981.51	0.30	-0.30	0.00
14,229.00	88.79	180.98	10,351.85	-4,066.77	-247.49	4,071.50	2.76	-2.09	-1.81
14,319.00	87.75	180.76	10,354.57	-4,156.72	-248.86	4,161.45	1.18	-1.16	-0.24
14,408.00	89.83	183.09	10,356.45	-4,245.64	-251.85	4,250.42	3.51	2.34	2.62
14,498.00	90.70	182.89	10,356.03	-4,335.51	-256.54	4,340.38	0.99	0.97	-0.22
14,587.00	90.44	182.47	10,355.14	-4,424.41	-260.70	4,429.35	0.55	-0.29	-0.47
14,677.00	90.91	183.93	10,354.08	-4,514.26	-265.73	4,519.30	1.70	0.52	1.62
14,767.00	88.93	181.91	10,354.21	-4,604.14	-270.31	4,609.25	3.14	-2.20	-2.24
14,856.00	88.52	182.07	10,356.19	-4,693.06	-273.40	4,698.23	0.49	-0.46	0.18
14,946.00	87.25	182.37	10,359.51	-4,782.93	-276.88	4,788.15	1.45	-1.41	0.33
15,036.00	91.37	180.98	10,360.59	-4,872.86	-279.51	4,878.12	4.83	4.58	-1.54
15,125.00	89.46	179.90	10,359.95	-4,961.85	-280.20	4,967.11	2.47	-2.15	-1.21
15,174.90	89.13	179.78	10,360.56	-5,011.75	-280.06	5,016.98	0.71	-0.67	-0.24
CSL Sec 11 into 14 - 15174.9 MD 10360.56 TVD									
15,215.00	88.86	179.68	10,361.27	-5,051.84	-279.87	5,057.06	0.71	-0.67	-0.24
15,305.00	92.11	180.91	10,360.51	-5,141.82	-280.33	5,147.03	3.86	3.61	1.37
15,394.00	91.41	181.40	10,357.77	-5,230.76	-282.12	5,235.99	0.96	-0.79	0.55
15,484.00	91.98	180.47	10,355.11	-5,320.71	-283.59	5,325.94	1.21	0.63	-1.03
15,574.00	88.99	177.68	10,354.35	-5,410.68	-282.14	5,415.85	4.54	-3.32	-3.10
15,663.00	91.11	175.78	10,354.27	-5,499.52	-277.06	5,504.55	3.20	2.38	-2.13
15,753.00	94.37	177.02	10,349.97	-5,589.23	-271.42	5,594.10	3.87	3.62	1.38
15,843.00	89.33	176.53	10,347.07	-5,679.01	-266.36	5,683.73	5.63	-5.60	-0.54
15,933.00	88.26	176.32	10,348.96	-5,768.81	-260.75	5,773.38	1.21	-1.19	-0.23
15,964.00	87.75	177.11	10,350.04	-5,799.74	-258.97	5,804.26	3.03	-1.65	2.55
16,054.00	91.04	179.17	10,350.99	-5,889.67	-256.05	5,894.09	4.31	3.66	2.29
16,143.00	90.30	179.06	10,349.95	-5,978.66	-254.68	5,983.02	0.84	-0.83	-0.12
16,232.00	88.96	178.78	10,350.52	-6,067.64	-253.00	6,071.93	1.54	-1.51	-0.31
16,322.00	88.99	178.37	10,352.13	-6,157.59	-250.76	6,161.81	0.46	0.03	-0.46
16,412.00	91.34	179.09	10,351.87	-6,247.56	-248.77	6,251.71	2.73	2.61	0.80
16,501.00	89.63	178.42	10,351.12	-6,336.54	-246.83	6,340.61	2.06	-1.92	-0.75
16,591.00	88.62	179.18	10,352.49	-6,426.50	-244.95	6,430.51	1.40	-1.12	0.84
16,680.00	90.00	180.00	10,353.57	-6,515.49	-244.31	6,519.46	1.80	1.55	0.92
16,770.00	93.22	181.27	10,351.04	-6,605.44	-245.31	6,609.40	3.85	3.58	1.41
16,859.00	92.35	180.36	10,346.71	-6,694.32	-246.57	6,698.29	1.41	-0.98	-1.02
16,949.00	90.87	180.48	10,344.18	-6,784.28	-247.23	6,788.24	1.65	-1.64	0.13
17,038.00	89.66	180.59	10,343.77	-6,873.27	-248.06	6,877.23	1.37	-1.36	0.12



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,127.00	90.64	182.80	10,343.54	-6,962.23	-250.70	6,966.22	2.72	1.10	2.48
17,217.00	88.96	182.92	10,343.85	-7,052.11	-255.19	7,056.18	1.87	-1.87	0.13
17,307.00	88.69	182.80	10,345.70	-7,141.98	-259.68	7,146.13	0.33	-0.30	-0.13
17,396.00	88.12	183.40	10,348.18	-7,230.82	-264.49	7,235.06	0.93	-0.64	0.67
17,486.00	87.82	181.56	10,351.36	-7,320.67	-268.38	7,324.98	2.07	-0.33	-2.04
17,575.00	89.97	179.99	10,353.08	-7,409.64	-269.58	7,413.95	2.99	2.42	-1.76
17,665.00	90.10	179.27	10,353.03	-7,499.64	-269.00	7,503.91	0.81	0.14	-0.80
17,754.00	92.15	178.70	10,351.28	-7,588.60	-267.42	7,592.81	2.39	2.30	-0.64
17,843.00	91.38	178.40	10,348.54	-7,677.53	-265.17	7,681.66	0.93	-0.87	-0.34
17,933.00	88.05	176.88	10,348.99	-7,767.44	-261.47	7,771.45	4.07	-3.70	-1.69
18,022.00	88.46	177.86	10,351.70	-7,856.30	-257.39	7,860.20	1.19	0.46	1.10
18,112.00	91.27	178.73	10,351.91	-7,946.25	-254.71	7,950.06	3.27	3.12	0.97
18,201.00	90.47	178.62	10,350.56	-8,035.22	-252.65	8,038.95	0.91	-0.90	-0.12
18,291.00	88.93	176.87	10,351.03	-8,125.14	-249.11	8,128.76	2.59	-1.71	-1.94
18,380.00	89.80	178.74	10,352.01	-8,214.06	-245.70	8,217.58	2.32	0.98	2.10
18,470.00	90.20	180.40	10,352.01	-8,304.06	-245.03	8,307.53	1.90	0.44	1.84
18,559.00	90.00	180.21	10,351.86	-8,393.06	-245.50	8,396.52	0.31	-0.22	-0.21
18,649.00	90.50	180.79	10,351.47	-8,483.05	-246.29	8,486.51	0.85	0.56	0.64
18,739.00	89.23	181.03	10,351.68	-8,573.04	-247.71	8,576.50	1.44	-1.41	0.27
18,828.00	88.12	181.02	10,353.74	-8,662.00	-249.31	8,665.47	1.25	-1.25	-0.01
18,918.00	90.77	179.02	10,354.61	-8,751.98	-249.34	8,755.43	3.69	2.94	-2.22
19,008.00	90.17	178.19	10,353.87	-8,841.95	-247.15	8,845.32	1.14	-0.67	-0.92
19,097.00	92.35	180.42	10,351.91	-8,930.91	-246.07	8,934.23	3.50	2.45	2.51
19,186.00	91.58	180.33	10,348.86	-9,019.86	-246.65	9,023.17	0.87	-0.87	-0.10
19,276.00	89.70	180.50	10,347.86	-9,109.84	-247.30	9,113.15	2.10	-2.09	0.19
19,365.00	88.59	179.03	10,349.18	-9,198.83	-246.94	9,202.10	2.07	-1.25	-1.65
19,455.00	88.22	179.30	10,351.69	-9,288.78	-245.62	9,292.00	0.51	-0.41	0.30
19,545.00	90.34	180.03	10,352.82	-9,378.77	-245.10	9,381.95	2.49	2.36	0.81
19,634.00	89.13	178.19	10,353.23	-9,467.75	-243.72	9,470.87	2.47	-1.36	-2.07
19,724.00	89.90	176.58	10,353.99	-9,557.65	-239.61	9,560.65	1.98	0.86	-1.79
19,813.00	90.50	175.83	10,353.68	-9,646.46	-233.72	9,649.29	1.08	0.67	-0.84
19,903.00	91.28	176.87	10,352.28	-9,736.26	-227.99	9,738.93	1.44	0.87	1.16
19,992.00	89.30	176.65	10,351.83	-9,825.11	-222.96	9,827.64	2.24	-2.22	-0.25
20,082.00	88.39	176.55	10,353.65	-9,914.93	-217.62	9,917.31	1.02	-1.01	-0.11
20,171.00	88.39	177.06	10,356.15	-10,003.76	-212.67	10,005.99	0.57	0.00	0.57
20,261.00	88.29	177.46	10,358.76	-10,093.62	-208.37	10,095.72	0.46	-0.11	0.44
20,305.00	87.95	177.15	10,360.20	-10,137.55	-206.30	10,139.59	1.05	-0.77	-0.70
20,361.19	87.95	177.15	10,362.21	-10,193.63	-203.51	10,195.59	0.00	0.00	0.00
120 FSL - 20361.19 MD 10362.21 TVD									
20,366.00	87.95	177.15	10,362.38	-10,198.43	-203.27	10,200.38	0.00	0.00	0.00
Actual BH: 114.2 FSL 869 FEL - 20366 MD 10362.38 TVD - Y-440558.03 X-660063.90 - 32.210588°N 103.949451°W									



Scientific Drilling, Intl
Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
15,174.90	10,360.56	-5,011.75	-280.06	CSL Sec 11 into 14	
15,174.90	10,360.56	-5,011.75	-280.06	15174.9 MD 10360.56 TVD	
20,361.19	10,362.21	-10,193.63	-203.51	120 FSL	
20,361.19	10,362.21	-10,193.63	-203.51	20361.19 MD 10362.21 TVD	
20,366.00	10,362.38	-10,198.43	-203.27	Actual BH: 114.2 FSL 869 FEL	
20,366.00	10,362.38	-10,198.43	-203.27	20366 MD 10362.38 TVD	
20,366.00	10,362.38	-10,198.43	-203.27	Y-440558.03 X-660063.90	
20,366.00	10,362.38	-10,198.43	-203.27	32.210588°N 103.949451°W	

Checked By: _____

Approved By: _____

Date: _____



Devon Energy

**Eddy County, NM (NAD83 NME)
Mr. Potato Head 11-14 Fed Com
Mr. Potato Head 11-14 Fed Com 624H**

OH Wellbore

Design: As Drilled

Survey Report - Geographic

19 November, 2021



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Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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

Site	Mr. Potato Head 11-14 Fed Com, SH of Mr. Potato Head 11-14 Fed Com 333H				
Site Position:		Northing:	450,755.90 usft	Latitude:	32.238618
From:	Map	Easting:	660,297.14 usft	Longitude:	-103.948580
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.21 °

Well	Mr. Potato Head 11-14 Fed Com 624H					
Well Position	+N/-S	0.00 usft	Northing:	450,755.70 usft	Latitude:	32.238618
	+E/-W	0.00 usft	Easting:	660,267.15 usft	Longitude:	-103.948677
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,103.10 usft	Ground Level:	3,077.10 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	9/24/2021	6.72	59.90	47,668.90000000

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	181.36	

Survey Program	Date	11/19/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	20,366.00	Survey #1 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	450,755.70	660,267.15	32.238618	-103.948677
180.00	0.97	15.52	179.99	1.47	0.41	450,757.17	660,267.56	32.238622	-103.948675
276.00	1.41	26.51	275.97	3.31	1.15	450,759.01	660,268.31	32.238627	-103.948673
364.00	1.13	10.15	363.95	5.13	1.79	450,760.83	660,268.94	32.238632	-103.948671
522.00	1.56	14.54	521.91	8.75	2.60	450,764.45	660,269.76	32.238642	-103.948668
618.00	1.66	12.41	617.87	11.37	3.23	450,767.07	660,270.38	32.238649	-103.948666
713.00	1.63	15.56	712.83	14.01	3.89	450,769.71	660,271.04	32.238656	-103.948664
809.00	1.73	8.73	808.79	16.76	4.47	450,772.46	660,271.63	32.238664	-103.948662
904.00	2.04	4.90	903.74	19.86	4.84	450,775.56	660,271.99	32.238673	-103.948661
1,000.00	2.22	4.46	999.67	23.42	5.13	450,779.12	660,272.28	32.238682	-103.948660
1,095.00	2.79	357.91	1,094.58	27.57	5.19	450,783.26	660,272.34	32.238694	-103.948659
1,190.00	3.43	358.18	1,189.44	32.72	5.01	450,788.41	660,272.17	32.238708	-103.948660



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,285.00	1.02	355.73	1,284.36	36.40	4.86	450,792.10	660,272.01	32.238718	-103.948660
1,381.00	0.47	87.51	1,380.35	37.27	5.19	450,792.97	660,272.34	32.238720	-103.948659
1,476.00	0.42	34.46	1,475.35	37.57	5.77	450,793.27	660,272.93	32.238721	-103.948657
1,572.00	0.40	55.45	1,571.35	38.05	6.25	450,793.75	660,273.40	32.238723	-103.948656
1,667.00	0.50	63.76	1,666.35	38.43	6.89	450,794.12	660,274.05	32.238724	-103.948654
1,762.00	0.41	60.26	1,761.34	38.78	7.56	450,794.47	660,274.71	32.238724	-103.948652
1,857.00	0.24	21.77	1,856.34	39.13	7.93	450,794.83	660,275.08	32.238725	-103.948650
1,953.00	0.26	32.29	1,952.34	39.50	8.12	450,795.20	660,275.27	32.238726	-103.948650
2,048.00	0.48	59.01	2,047.34	39.89	8.58	450,795.59	660,275.73	32.238728	-103.948648
2,144.00	0.60	52.34	2,143.33	40.40	9.32	450,796.10	660,276.47	32.238729	-103.948646
2,239.00	0.50	27.58	2,238.33	41.07	9.91	450,796.77	660,277.06	32.238731	-103.948644
2,334.00	0.47	16.08	2,333.33	41.82	10.21	450,797.51	660,277.36	32.238733	-103.948643
2,430.00	0.54	73.48	2,429.32	42.32	10.75	450,798.02	660,277.90	32.238734	-103.948641
2,525.00	0.93	192.35	2,524.32	41.70	11.01	450,797.39	660,278.17	32.238732	-103.948640
2,620.00	2.45	235.67	2,619.28	39.80	9.17	450,795.50	660,276.32	32.238727	-103.948646
2,716.00	4.61	253.38	2,715.09	37.54	3.78	450,793.24	660,270.93	32.238721	-103.948664
2,811.00	5.89	257.79	2,809.69	35.41	-4.64	450,791.11	660,262.51	32.238715	-103.948691
2,906.00	5.83	250.74	2,904.20	32.79	-13.96	450,788.49	660,253.19	32.238708	-103.948721
3,001.00	6.51	251.30	2,998.65	29.47	-23.62	450,785.17	660,243.54	32.238699	-103.948753
3,097.00	6.94	260.86	3,093.99	26.81	-34.50	450,782.51	660,232.66	32.238692	-103.948788
3,192.00	6.93	274.40	3,188.30	26.34	-45.88	450,782.03	660,221.28	32.238691	-103.948825
3,288.00	6.85	276.00	3,283.61	27.38	-57.35	450,783.08	660,209.81	32.238694	-103.948862
3,382.00	7.09	283.70	3,376.91	29.34	-68.56	450,785.04	660,198.60	32.238699	-103.948898
3,477.00	7.71	288.61	3,471.12	32.76	-80.30	450,788.46	660,186.86	32.238709	-103.948936
3,573.00	7.45	287.31	3,566.28	36.67	-92.34	450,792.37	660,174.82	32.238720	-103.948975
3,668.00	7.04	285.48	3,660.53	40.05	-103.83	450,795.75	660,163.33	32.238729	-103.949012
3,764.00	6.84	296.65	3,755.83	44.19	-114.61	450,799.89	660,152.55	32.238741	-103.949047
3,859.00	6.35	295.55	3,850.20	48.99	-124.41	450,804.69	660,142.76	32.238754	-103.949078
3,954.00	6.31	294.83	3,944.62	53.45	-133.89	450,809.15	660,133.28	32.238766	-103.949109
4,049.00	5.90	295.90	4,039.08	57.78	-143.02	450,813.47	660,124.15	32.238778	-103.949138
4,145.00	5.46	293.93	4,134.61	61.78	-151.63	450,817.48	660,115.54	32.238789	-103.949166
4,240.00	5.32	293.81	4,229.19	65.39	-159.79	450,821.09	660,107.38	32.238799	-103.949193
4,335.00	5.38	293.41	4,323.77	68.94	-167.91	450,824.64	660,099.26	32.238809	-103.949219
4,431.00	5.22	291.89	4,419.36	72.36	-176.09	450,828.05	660,091.08	32.238819	-103.949245
4,526.00	5.27	291.17	4,513.97	75.54	-184.17	450,831.24	660,083.00	32.238827	-103.949271
4,621.00	4.98	290.81	4,608.59	78.59	-192.09	450,834.28	660,075.08	32.238836	-103.949297
4,716.00	4.66	291.09	4,703.25	81.44	-199.54	450,837.13	660,067.62	32.238844	-103.949321
4,812.00	4.22	288.25	4,798.96	83.95	-206.54	450,839.64	660,060.63	32.238851	-103.949343
4,907.00	3.92	290.34	4,893.72	86.17	-212.90	450,841.87	660,054.27	32.238857	-103.949364
5,003.00	3.76	285.63	4,989.51	88.16	-219.01	450,843.85	660,048.16	32.238862	-103.949384
5,098.00	3.84	286.54	5,084.30	89.90	-225.06	450,845.60	660,042.11	32.238867	-103.949403
5,194.00	3.65	285.26	5,180.09	91.62	-231.09	450,847.32	660,036.08	32.238872	-103.949423
5,289.00	3.76	286.80	5,274.89	93.32	-236.99	450,849.01	660,030.18	32.238877	-103.949442
5,385.00	3.62	283.71	5,370.70	94.95	-242.95	450,850.64	660,024.23	32.238881	-103.949461
5,480.00	2.91	291.31	5,465.54	96.54	-248.11	450,852.23	660,019.07	32.238886	-103.949478
5,576.00	2.69	302.85	5,561.43	98.64	-252.27	450,854.34	660,014.90	32.238892	-103.949491
5,672.00	2.49	302.20	5,657.33	100.98	-255.93	450,856.67	660,011.25	32.238898	-103.949503
5,767.00	0.78	351.42	5,752.29	102.72	-257.77	450,858.41	660,009.40	32.238903	-103.949509
5,862.00	0.84	338.76	5,847.28	104.00	-258.12	450,859.70	660,009.06	32.238906	-103.949510
5,957.00	0.72	316.95	5,942.27	105.09	-258.78	450,860.78	660,008.40	32.238909	-103.949512
6,053.00	0.68	309.06	6,038.27	105.89	-259.63	450,861.58	660,007.54	32.238912	-103.949515
6,148.00	0.48	309.78	6,133.26	106.50	-260.38	450,862.19	660,006.80	32.238913	-103.949517
6,244.00	0.61	304.63	6,229.26	107.05	-261.10	450,862.74	660,006.07	32.238915	-103.949520
6,339.00	0.44	288.06	6,324.25	107.45	-261.87	450,863.14	660,005.31	32.238916	-103.949522
6,435.00	0.67	274.14	6,420.25	107.60	-262.78	450,863.29	660,004.40	32.238916	-103.949525



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,530.00	0.70	263.65	6,515.24	107.58	-263.91	450,863.27	660,003.27	32.238916	-103.949529
6,625.00	0.84	261.61	6,610.23	107.41	-265.17	450,863.10	660,002.00	32.238916	-103.949533
6,720.00	0.92	247.57	6,705.22	107.02	-266.57	450,862.71	660,000.61	32.238915	-103.949537
6,815.00	1.16	251.44	6,800.21	106.42	-268.18	450,862.11	659,998.99	32.238913	-103.949543
6,910.00	1.33	255.22	6,895.18	105.84	-270.16	450,861.53	659,997.01	32.238912	-103.949549
7,006.00	1.69	251.02	6,991.15	105.09	-272.58	450,860.78	659,994.60	32.238910	-103.949557
7,101.00	1.71	253.81	7,086.11	104.24	-275.26	450,859.93	659,991.91	32.238907	-103.949566
7,196.00	1.80	255.55	7,181.06	103.47	-278.07	450,859.16	659,989.11	32.238905	-103.949575
7,292.00	2.00	277.22	7,277.01	103.31	-281.19	450,859.00	659,985.98	32.238905	-103.949585
7,387.00	2.27	270.07	7,371.95	103.52	-284.72	450,859.21	659,982.46	32.238905	-103.949596
7,482.00	1.53	230.01	7,466.90	102.70	-287.57	450,858.40	659,979.60	32.238903	-103.949605
7,578.00	1.53	223.72	7,562.86	100.95	-289.44	450,856.65	659,977.74	32.238898	-103.949611
7,674.00	0.95	231.34	7,658.84	99.53	-290.95	450,855.22	659,976.23	32.238894	-103.949616
7,769.00	0.64	267.03	7,753.83	99.01	-292.09	450,854.70	659,975.09	32.238893	-103.949620
7,864.00	1.08	274.98	7,848.82	99.06	-293.51	450,854.75	659,973.66	32.238893	-103.949625
7,959.00	0.81	265.77	7,943.81	99.09	-295.07	450,854.78	659,972.10	32.238893	-103.949630
8,055.00	1.34	257.34	8,039.79	98.79	-296.85	450,854.49	659,970.33	32.238892	-103.949635
8,149.00	1.21	241.62	8,133.77	98.08	-298.79	450,853.77	659,968.38	32.238890	-103.949642
8,245.00	1.70	246.26	8,229.74	97.03	-300.99	450,852.72	659,966.19	32.238888	-103.949649
8,340.00	1.57	228.28	8,324.70	95.59	-303.25	450,851.29	659,963.93	32.238884	-103.949656
8,435.00	0.99	229.36	8,419.67	94.19	-304.84	450,849.89	659,962.33	32.238880	-103.949661
8,531.00	1.47	239.24	8,515.65	93.02	-306.53	450,848.72	659,960.65	32.238877	-103.949667
8,626.00	1.40	256.37	8,610.62	92.13	-308.71	450,847.82	659,958.47	32.238874	-103.949674
8,722.00	1.52	236.85	8,706.59	91.15	-310.91	450,846.85	659,956.27	32.238872	-103.949681
8,817.00	1.88	198.29	8,801.55	88.98	-312.46	450,844.68	659,954.72	32.238866	-103.949686
8,912.00	2.00	208.15	8,896.50	86.04	-313.73	450,841.74	659,953.45	32.238858	-103.949690
9,008.00	2.30	204.59	8,992.43	82.81	-315.32	450,838.51	659,951.86	32.238849	-103.949695
9,103.00	2.50	191.58	9,087.35	79.05	-316.53	450,834.75	659,950.65	32.238838	-103.949699
9,199.00	1.75	183.06	9,183.28	75.54	-317.03	450,831.23	659,950.15	32.238829	-103.949701
9,294.00	2.28	185.17	9,278.22	72.21	-317.27	450,827.90	659,949.90	32.238820	-103.949702
9,389.00	1.91	180.94	9,373.16	68.74	-317.47	450,824.44	659,949.71	32.238810	-103.949702
9,485.00	2.52	154.88	9,469.09	65.23	-316.60	450,820.93	659,950.58	32.238800	-103.949700
9,580.00	1.95	158.83	9,564.02	61.83	-315.13	450,817.53	659,952.05	32.238791	-103.949695
9,675.00	2.05	169.47	9,658.96	58.65	-314.24	450,814.35	659,952.94	32.238782	-103.949692
9,754.00	2.00	171.14	9,737.91	55.90	-313.77	450,811.60	659,953.41	32.238775	-103.949691
9,869.00	1.93	183.71	9,852.84	51.99	-313.58	450,807.68	659,953.60	32.238764	-103.949690
9,965.00	15.04	166.93	9,947.59	38.18	-310.86	450,793.88	659,956.32	32.238726	-103.949681
10,060.00	30.13	171.76	10,035.06	2.37	-304.62	450,758.07	659,962.56	32.238627	-103.949662
10,155.00	44.08	169.35	10,110.64	-53.99	-295.04	450,701.72	659,972.13	32.238472	-103.949631
10,250.00	55.81	171.83	10,171.67	-125.61	-283.31	450,630.10	659,983.86	32.238275	-103.949594
10,346.00	62.69	175.88	10,220.74	-207.58	-274.59	450,548.14	659,992.58	32.238050	-103.949567
10,441.00	66.90	179.41	10,261.20	-293.42	-271.11	450,462.30	659,996.07	32.237814	-103.949557
10,536.00	69.88	180.47	10,296.19	-381.73	-271.02	450,374.00	659,996.15	32.237571	-103.949557
10,631.00	76.20	179.64	10,323.88	-472.55	-271.10	450,283.18	659,996.08	32.237322	-103.949559
10,727.00	83.41	180.78	10,340.87	-566.97	-271.46	450,188.77	659,995.72	32.237062	-103.949561
10,822.00	86.60	178.05	10,349.14	-661.59	-270.48	450,094.16	659,996.69	32.236802	-103.949559
10,918.00	89.20	179.41	10,352.66	-757.49	-268.36	449,998.27	659,998.82	32.236539	-103.949553
11,013.00	90.10	180.62	10,353.24	-852.48	-268.38	449,903.28	659,998.79	32.236277	-103.949554
11,108.00	91.44	181.53	10,351.96	-947.46	-270.17	449,808.32	659,997.01	32.236016	-103.949561
11,204.00	86.68	178.65	10,353.53	-1,043.40	-270.32	449,712.37	659,996.86	32.235753	-103.949563
11,298.00	89.56	178.99	10,356.62	-1,137.32	-268.38	449,618.46	659,998.79	32.235495	-103.949558
11,394.00	89.60	178.60	10,357.32	-1,233.30	-266.37	449,522.49	660,000.81	32.235231	-103.949552
11,489.00	89.50	178.53	10,358.07	-1,328.27	-263.99	449,427.53	660,003.19	32.234970	-103.949546
11,584.00	87.82	178.73	10,360.29	-1,423.21	-261.72	449,332.60	660,005.46	32.234709	-103.949539
11,679.00	90.94	180.80	10,361.32	-1,518.19	-261.33	449,237.63	660,005.85	32.234448	-103.949539



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,774.00	89.60	180.90	10,360.87	-1,613.17	-262.74	449,142.65	660,004.44	32.234187	-103.949545
11,869.00	89.93	179.45	10,361.26	-1,708.17	-263.03	449,047.66	660,004.15	32.233925	-103.949547
11,964.00	92.01	178.93	10,359.65	-1,803.14	-261.68	448,952.69	660,005.49	32.233664	-103.949544
12,060.00	89.50	176.32	10,358.39	-1,899.03	-257.71	448,856.81	660,009.47	32.233401	-103.949532
12,155.00	90.27	180.62	10,358.58	-1,993.98	-255.17	448,761.87	660,012.00	32.233140	-103.949525
12,251.00	89.30	180.58	10,358.94	-2,089.97	-256.17	448,665.89	660,011.00	32.232876	-103.949529
12,346.00	87.25	179.31	10,361.80	-2,184.92	-256.08	448,570.94	660,011.09	32.232615	-103.949530
12,436.00	92.15	181.19	10,362.27	-2,274.89	-256.48	448,480.98	660,010.70	32.232368	-103.949532
12,526.00	91.38	181.17	10,359.50	-2,364.82	-258.33	448,391.05	660,008.84	32.232120	-103.949539
12,615.00	90.57	180.66	10,357.98	-2,453.80	-259.75	448,302.08	660,007.42	32.231876	-103.949545
12,705.00	90.23	178.49	10,357.35	-2,543.79	-259.08	448,212.10	660,008.09	32.231629	-103.949544
12,795.00	90.94	178.97	10,356.43	-2,633.76	-257.09	448,122.14	660,010.09	32.231381	-103.949538
12,885.00	91.61	178.88	10,354.43	-2,723.72	-255.40	448,032.18	660,011.77	32.231134	-103.949534
12,975.00	88.12	177.69	10,354.64	-2,813.67	-252.71	447,942.24	660,014.47	32.230887	-103.949526
13,064.00	87.75	180.34	10,357.85	-2,902.59	-251.18	447,853.33	660,016.00	32.230642	-103.949522
13,154.00	90.71	180.59	10,359.06	-2,992.57	-251.91	447,763.36	660,015.26	32.230395	-103.949526
13,243.00	89.66	180.21	10,358.77	-3,081.56	-252.53	447,674.37	660,014.64	32.230150	-103.949529
13,333.00	87.35	177.82	10,361.12	-3,171.51	-250.98	447,584.43	660,016.19	32.229903	-103.949525
13,423.00	90.23	176.92	10,363.02	-3,261.38	-246.86	447,494.56	660,020.32	32.229656	-103.949513
13,512.00	93.05	177.88	10,360.47	-3,350.24	-242.82	447,405.71	660,024.35	32.229412	-103.949501
13,602.00	92.11	177.75	10,356.42	-3,440.08	-239.39	447,315.87	660,027.78	32.229165	-103.949490
13,691.00	91.31	178.83	10,353.77	-3,529.00	-236.74	447,226.96	660,030.43	32.228920	-103.949483
13,781.00	89.60	180.36	10,353.05	-3,618.99	-236.10	447,136.98	660,031.07	32.228673	-103.949482
13,871.00	89.77	180.21	10,353.55	-3,708.99	-236.55	447,046.99	660,030.62	32.228426	-103.949484
13,960.00	90.20	181.19	10,353.57	-3,797.98	-237.64	446,958.00	660,029.54	32.228181	-103.949489
14,050.00	90.94	182.61	10,352.67	-3,887.93	-240.62	446,868.07	660,026.55	32.227934	-103.949500
14,139.00	90.67	182.61	10,351.42	-3,976.82	-244.67	446,779.17	660,022.50	32.227690	-103.949514
14,229.00	88.79	180.98	10,351.85	-4,066.77	-247.49	446,689.23	660,019.68	32.227442	-103.949524
14,319.00	87.75	180.76	10,354.57	-4,156.72	-248.86	446,599.29	660,018.32	32.227195	-103.949529
14,408.00	89.83	183.09	10,356.45	-4,245.64	-251.85	446,510.38	660,015.33	32.226951	-103.949540
14,498.00	90.70	182.89	10,356.03	-4,335.51	-256.54	446,420.51	660,010.63	32.226704	-103.949556
14,587.00	90.44	182.47	10,355.14	-4,424.41	-260.70	446,331.62	660,006.47	32.226459	-103.949571
14,677.00	90.91	183.93	10,354.08	-4,514.26	-265.73	446,241.78	660,001.45	32.226213	-103.949588
14,767.00	88.93	181.91	10,354.21	-4,604.14	-270.31	446,151.91	659,996.86	32.225966	-103.949604
14,856.00	88.52	182.07	10,356.19	-4,693.06	-273.40	446,062.99	659,993.77	32.225721	-103.949615
14,946.00	87.25	182.37	10,359.51	-4,782.93	-276.88	445,973.13	659,990.29	32.225474	-103.949627
15,036.00	91.37	180.98	10,360.59	-4,872.86	-279.51	445,883.20	659,987.66	32.225227	-103.949637
15,125.00	89.46	179.90	10,359.95	-4,961.85	-280.20	445,794.22	659,986.98	32.224982	-103.949640
15,174.90	89.13	179.78	10,360.56	-5,011.75	-280.06	445,744.33	659,987.12	32.224845	-103.949640
CSL Sec 11 into 14 - 15174.9 MD 10360.56 TVD									
15,215.00	88.86	179.68	10,361.27	-5,051.84	-279.87	445,704.24	659,987.31	32.224735	-103.949640
15,305.00	92.11	180.91	10,360.51	-5,141.82	-280.33	445,614.26	659,986.85	32.224488	-103.949643
15,394.00	91.41	181.40	10,357.77	-5,230.76	-282.12	445,525.33	659,985.05	32.224243	-103.949649
15,484.00	91.98	180.47	10,355.11	-5,320.71	-283.59	445,435.39	659,983.58	32.223996	-103.949655
15,574.00	88.99	177.68	10,354.35	-5,410.68	-282.14	445,345.43	659,985.04	32.223749	-103.949651
15,663.00	91.11	175.78	10,354.27	-5,499.52	-277.06	445,256.59	659,990.11	32.223505	-103.949636
15,753.00	94.37	177.02	10,349.97	-5,589.23	-271.42	445,166.89	659,995.76	32.223258	-103.949619
15,843.00	89.33	176.53	10,347.07	-5,679.01	-266.36	445,077.12	660,000.82	32.223011	-103.949604
15,933.00	88.26	176.32	10,348.96	-5,768.81	-260.75	444,987.32	660,006.43	32.222764	-103.949586
15,964.00	87.75	177.11	10,350.04	-5,799.74	-258.97	444,956.39	660,008.20	32.222679	-103.949581
16,054.00	91.04	179.17	10,350.99	-5,889.67	-256.05	444,866.47	660,011.12	32.222432	-103.949573
16,143.00	90.30	179.06	10,349.95	-5,978.66	-254.68	444,777.49	660,012.50	32.222187	-103.949569
16,232.00	88.96	178.78	10,350.52	-6,067.64	-253.00	444,688.52	660,014.17	32.221943	-103.949565
16,322.00	88.99	178.37	10,352.13	-6,157.59	-250.76	444,598.57	660,016.41	32.221695	-103.949559
16,412.00	91.34	179.09	10,351.87	-6,247.56	-248.77	444,508.60	660,018.41	32.221448	-103.949553



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,501.00	89.63	178.42	10,351.12	-6,336.54	-246.83	444,419.64	660,020.34	32.221204	-103.949548
16,591.00	88.62	179.18	10,352.49	-6,426.50	-244.95	444,329.68	660,022.22	32.220956	-103.949543
16,680.00	90.00	180.00	10,353.57	-6,515.49	-244.31	444,240.69	660,022.86	32.220712	-103.949542
16,770.00	93.22	181.27	10,351.04	-6,605.44	-245.31	444,150.76	660,021.86	32.220464	-103.949546
16,859.00	92.35	180.36	10,346.71	-6,694.32	-246.57	444,061.88	660,020.60	32.220220	-103.949551
16,949.00	90.87	180.48	10,344.18	-6,784.28	-247.23	443,971.93	660,019.94	32.219973	-103.949554
17,038.00	89.66	180.59	10,343.77	-6,873.27	-248.06	443,882.94	660,019.11	32.219728	-103.949558
17,127.00	90.64	182.80	10,343.54	-6,962.23	-250.70	443,793.99	660,016.48	32.219484	-103.949568
17,217.00	88.96	182.92	10,343.85	-7,052.11	-255.19	443,704.11	660,011.99	32.219237	-103.949583
17,307.00	88.69	182.80	10,345.70	-7,141.98	-259.68	443,614.25	660,007.50	32.218990	-103.949599
17,396.00	88.12	183.40	10,348.18	-7,230.82	-264.49	443,525.42	660,002.69	32.218746	-103.949615
17,486.00	87.82	181.56	10,351.36	-7,320.67	-268.38	443,435.58	659,998.80	32.218499	-103.949629
17,575.00	89.97	179.99	10,353.08	-7,409.64	-269.58	443,346.61	659,997.59	32.218254	-103.949634
17,665.00	90.10	179.27	10,353.03	-7,499.64	-269.00	443,256.62	659,998.17	32.218007	-103.949633
17,754.00	92.15	178.70	10,351.28	-7,588.60	-267.42	443,167.67	659,999.75	32.217762	-103.949629
17,843.00	91.38	178.40	10,348.54	-7,677.53	-265.17	443,078.74	660,002.00	32.217518	-103.949623
17,933.00	88.05	176.88	10,348.99	-7,767.44	-261.47	442,988.84	660,005.71	32.217271	-103.949612
18,022.00	88.46	177.86	10,351.70	-7,856.30	-257.39	442,899.99	660,009.79	32.217026	-103.949600
18,112.00	91.27	178.73	10,351.91	-7,946.25	-254.71	442,810.04	660,012.47	32.216779	-103.949592
18,201.00	90.47	178.62	10,350.56	-8,035.22	-252.65	442,721.09	660,014.52	32.216535	-103.949586
18,291.00	88.93	176.87	10,351.03	-8,125.14	-249.11	442,631.17	660,018.06	32.216287	-103.949576
18,380.00	89.80	178.74	10,352.01	-8,214.06	-245.70	442,542.25	660,021.47	32.216043	-103.949566
18,470.00	90.20	180.40	10,352.01	-8,304.06	-245.03	442,452.26	660,022.15	32.215796	-103.949565
18,559.00	90.00	180.21	10,351.86	-8,393.06	-245.50	442,363.27	660,021.67	32.215551	-103.949567
18,649.00	90.50	180.79	10,351.47	-8,483.05	-246.29	442,273.28	660,020.89	32.215304	-103.949571
18,739.00	89.23	181.03	10,351.68	-8,573.04	-247.71	442,183.30	660,019.46	32.215056	-103.949577
18,828.00	88.12	181.02	10,353.74	-8,662.00	-249.31	442,094.35	660,017.87	32.214812	-103.949583
18,918.00	90.77	179.02	10,354.61	-8,751.98	-249.34	442,004.37	660,017.84	32.214564	-103.949584
19,008.00	90.17	178.19	10,353.87	-8,841.95	-247.15	441,914.41	660,020.03	32.214317	-103.949578
19,097.00	92.35	180.42	10,351.91	-8,930.91	-246.07	441,825.46	660,021.11	32.214073	-103.949575
19,186.00	91.58	180.33	10,348.86	-9,019.86	-246.65	441,736.52	660,020.52	32.213828	-103.949578
19,276.00	89.70	180.50	10,347.86	-9,109.84	-247.30	441,646.54	660,019.87	32.213581	-103.949582
19,365.00	88.59	179.03	10,349.18	-9,198.83	-246.94	441,557.56	660,020.24	32.213336	-103.949581
19,455.00	88.22	179.30	10,351.69	-9,288.78	-245.62	441,467.61	660,021.55	32.213089	-103.949578
19,545.00	90.34	180.03	10,352.82	-9,378.77	-245.10	441,377.63	660,022.07	32.212842	-103.949578
19,634.00	89.13	178.19	10,353.23	-9,467.75	-243.72	441,288.65	660,023.46	32.212597	-103.949574
19,724.00	89.90	176.58	10,353.99	-9,557.65	-239.61	441,198.76	660,027.56	32.212350	-103.949562
19,813.00	90.50	175.83	10,353.68	-9,646.46	-233.72	441,109.97	660,033.45	32.212106	-103.949544
19,903.00	91.28	176.87	10,352.28	-9,736.26	-227.99	441,020.17	660,039.18	32.211859	-103.949526
19,992.00	89.30	176.65	10,351.83	-9,825.11	-222.96	440,931.32	660,044.21	32.211614	-103.949511
20,082.00	88.39	176.55	10,353.65	-9,914.93	-217.62	440,841.51	660,049.55	32.211368	-103.949495
20,171.00	88.39	177.06	10,356.15	-10,003.76	-212.67	440,752.69	660,054.50	32.211123	-103.949480
20,261.00	88.29	177.46	10,358.76	-10,093.62	-208.37	440,662.83	660,058.80	32.210876	-103.949467
20,305.00	87.95	177.15	10,360.20	-10,137.55	-206.30	440,618.91	660,060.87	32.210756	-103.949461
20,361.19	87.95	177.15	10,362.21	-10,193.63	-203.51	440,562.83	660,063.66	32.210601	-103.949452
120 FSL - 20361.19 MD 10362.21 TVD									
20,366.00	87.95	177.15	10,362.38	-10,198.43	-203.27	440,558.03	660,063.90	32.210588	-103.949452
Actual BH: 114.2 FSL 869 FEL - 20366 MD 10362.38 TVD - Y-440558.03 X-660063.90 - 32.210588°N 103.949451°W									

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 624H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.1 GL 26 KB @ 3103.10usft
Well:	Mr. Potato Head 11-14 Fed Com 624H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
15,174.90	10,360.56	-5,011.75	-280.06	CSL Sec 11 into 14	
15,174.90	10,360.56	-5,011.75	-280.06	15174.9 MD 10360.56 TVD	
20,361.19	10,362.21	-10,193.63	-203.51	120 FSL	
20,361.19	10,362.21	-10,193.63	-203.51	20361.19 MD 10362.21 TVD	
20,366.00	10,362.38	-10,198.43	-203.27	Actual BH: 114.2 FSL 869 FEL	
20,366.00	10,362.38	-10,198.43	-203.27	20366 MD 10362.38 TVD	
20,366.00	10,362.38	-10,198.43	-203.27	Y-440558.03 X-660063.90	
20,366.00	10,362.38	-10,198.43	-203.27	32.210588°N 103.949451°W	

Checked By: _____ Approved By: _____ Date: _____

Permit Plan

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.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter <u>A</u> : <u>300</u> feet from the <u>North</u> line and <u>636</u> feet from the <u>East</u> line Section <u>11</u> Township <u>24S</u> Range <u>29E</u> NMPM County <u>Eddy</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3077.1'		WELL API NO. 30-015-46702 5. Indicate Type of Lease STATE ☐ FEE ☐ 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name Mr Potato Head 11-14 Fed Com 8. Well Number 624H 9. OGRID Number 6137 10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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

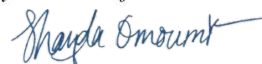
2/1/22-4/4/22: MIRU WL & PT. TIH & ran CBL, found TOC @ 5420'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 10586'-20336', total 1441 holes. Frac totals 25,074,375# proppant, 48 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD w/ float collar 20348' MD/10363' TVD. CHC, FWB, ND BOP. RIH w/297 jts 2-7/8" L-80 tbg, set @ 9876'. TOP.

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

SIGNATURE Shayda Omoumi TITLE Regulatory Compliance Associate DATE 4/29/2022

Type or print name Shayda Omoumi E-mail address: shayda.omoumi@dvnm.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. 30-015-46702								
		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 Mr Potato Head 11-14 Fed Com				
						6. Well Number: 624H				
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 PURPLE SAGE; WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	11	24S	29E		300	North	636	East	Eddy
BH:	P	14	24S	29E		116	South	869	East	Eddy
13. Date Spudded 10/19/21	14. Date T.D. Reached 11/18/21	15. Date Rig Released 11/20/21		16. Date Completed (Ready to Produce) 4/4/22		17. Elevations (DF and RKB, RT, GR, etc.) 3077.1' GL				
18. Total Measured Depth of Well 20366 MD, 10364 TVD		19. Plug Back Measured Depth 20,348 MD/10,363 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 10586-20336, WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8"		54.5		427		17-1/2"		466 sx CI OTHER; circ 163 sx		
8-5/8"		32		9799		9-7/8"		843 sx CIC; circ 266 sx		
5-1/2"		20		20351		7-7/8"		1465 sx CIH; circ 0		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
						SIZE		DEPTH SET	PACKER SET	
						2-7/8" L-80		9876		
26. Perforation record (interval, size, and number) 10586 - 20336, total 1441 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10586-20336 Acidize and frac in 49 stages. See detailed summary attached.				
28. PRODUCTION										
Date First Production 4/4/22		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 4/14/22	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio 2016.67201			
Flow Tubing Press. psi	Casing Pressure 1451 psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By		
31. List Attachments Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 		Printed Name Shayda Omoumi		Title Regulatory Compliance Associate		Date 4/29/2022				
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 - 234			
Salt - 523			
Base of Salt - 2954			
Lamar - 3192			
Delaware - 3220			
Cherry Canyon - 4045			
Brushy Canyon - 5663			
1st Bone Spring Lime - 6916			
1st Bone Spring Sand - 7947			
2nd Bone Spring Sand - 8762			
3rd Bone Spring Lime - 9098			
3rd Bone Spring Sand - 9895			
Wolfcamp - 10221			
Strawn - 11915			

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
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811 S. First St., Artesia, NM 88210
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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
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ACKNOWLEDGMENTS

Action 329283

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 329283
	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.

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CONDITIONS

Action 329283

CONDITIONS

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	Action Number: 329283
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/17/2024