

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 30-015-46704	⁵ Pool Name PIERCE CROSSING; BONE SPRING, EAST	⁶ Pool Code 96473
⁷ Property Code 326251	⁸ Property Name Mr Potato Head 11-14 Fed Com	⁹ Well Number 333H

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	606	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
np	14	24S	29E		102	South	309	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				

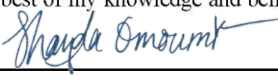
III. Oil and Gas Transporters

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 10/18/21	²² Ready Date 4/4/22	²³ TD 20094	²⁴ PBTD 20,076 MD/10,065 TVD	²⁵ Perforations 10300 MD/10056 TVD - 20064 MD/10064 TVD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	428	466 sx CI OTHER; Circ 208 sx		
9-7/8"	8-5/8"	9542	822 sx CIC; Circ 254 sx		
7-7/8"	5-1/2"	20078	1467 sx CIH; Circ 0		
	Tubing: 2-7/8"	9585			

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 1059 psi
³⁷ Choke Size	³⁸ Oil 1608 bbl	³⁹ Water 5492 bbl	⁴⁰ Gas 3576 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 30-015-46704	² Pool Code 96473	³ Pool Name PIERCE CROSSING; BONE SPRING, EAST
⁴ Property Code 326251	⁵ Property Name MR POTATO HEAD 11-14 FED COM	⁶ Well Number 333H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3077.3

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	606	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		102	SOUTH	309	EAST	EDDY
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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 263' FNL, 314' FEL LAT. = 32.2387219°N LONG. = 103.9476352°W FIRST TAKE POINT 725' FNL, 308' FEL LAT. = 32.2374522°N LONG. = 103.9476140°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		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. = 32.2175659°N LONG. = 103.9466300°W NMSP EAST (FT) N = 443099.57 E = 660927.38 SE CORNER SEC. 14 LAT. = 32.2102810°N LONG. = 103.9466437°W NMSP EAST (FT) N = 440449.43 E = 660932.70		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. <i>Shayda Omoumi</i> 4/12/2022 Signature Date Shayda Omoumi Printed Name shayda.omoumi@dmv.com E-mail Address
AS-DRILLED		MR POTATO HEAD 11-14 FED COM 333H ELEV. = 3077.3' LAT. = 32.2386181°N (NAD83) LONG. = 103.9485793°W NMSP EAST (FT) N = 450755.90 E = 660297.14		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 <i>Shayda Omoumi</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 SURVEY NO. 7030C		

Intent ☐ As Drilled ☒

API # 30-015-46704		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: MR POTATO HEAD 11-14 FED COM	Well Number 333H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	11	24S	29E		263	NORTH	314	EAST	EDDY
Latitude 32.2387219					Longitude 103.9476352				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	11	24S	29E		725	NORTH	308	EAST	EDDY
Latitude 32.2374522					Longitude 103.9476140				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	14	24S	29E		132	SOUTH	309	EAST	EDDY
Latitude 32.2106418					Longitude 103.9476421				NAD 83

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

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

API #		
Operator Name:	Property Name:	Well Number

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 333H**

OH Wellbore

Design: As Drilled

Standard Survey Report

10 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 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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 333H					
Well Position	+N/-S	0.00 usft	Northing:	450,755.90 usft	Latitude:	32.238618
	+E/-W	0.00 usft	Easting:	660,297.14 usft	Longitude:	-103.948580
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,103.30 usft	Ground Level:	3,077.30 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	178.30	

Survey Program	Date	11/10/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	20,094.00	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	1.51	55.47	179.98	1.34	1.95	-1.29	0.84	0.84	0.00	
212.00	1.82	53.80	211.97	1.88	2.71	-1.80	0.98	0.97	-5.22	
307.00	1.49	63.34	306.93	3.33	5.03	-3.18	0.45	-0.35	10.04	
358.00	1.40	51.33	357.91	4.02	6.11	-3.83	0.62	-0.18	-23.55	
522.00	2.00	46.70	521.84	7.23	9.76	-6.94	0.38	0.37	-2.82	
617.00	1.89	42.49	616.78	9.52	12.02	-9.16	0.19	-0.12	-4.43	
713.00	2.11	36.91	712.72	12.10	14.15	-11.68	0.31	0.23	-5.81	
809.00	2.28	35.04	808.65	15.08	16.31	-14.59	0.19	0.18	-1.95	
904.00	2.49	24.47	903.57	18.50	18.25	-17.95	0.51	0.22	-11.13	



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)	
999.00	2.73	20.80	998.47	22.50	19.91	-21.90	0.31	0.25	-3.86	
1,095.00	3.02	14.64	1,094.35	27.08	21.36	-26.44	0.44	0.30	-6.42	
1,190.00	3.28	6.50	1,189.21	32.20	22.30	-31.53	0.54	0.27	-8.57	
1,285.00	3.90	4.95	1,284.02	38.12	22.89	-37.43	0.66	0.65	-1.63	
1,381.00	3.08	15.50	1,379.84	43.86	23.86	-43.13	1.08	-0.85	10.99	
1,476.00	2.83	24.13	1,474.72	48.46	25.50	-47.68	0.54	-0.26	9.08	
1,571.00	1.84	36.32	1,569.64	51.83	27.36	-50.99	1.16	-1.04	12.83	
1,667.00	1.46	47.68	1,665.60	53.89	29.18	-53.01	0.52	-0.40	11.83	
1,762.00	1.10	45.05	1,760.58	55.35	30.72	-54.42	0.38	-0.38	-2.77	
1,857.00	1.10	46.98	1,855.56	56.62	32.03	-55.64	0.04	0.00	2.03	
1,953.00	0.73	34.31	1,951.55	57.75	33.05	-56.75	0.44	-0.39	-13.20	
2,048.00	0.93	39.04	2,046.54	58.85	33.88	-57.82	0.22	0.21	4.98	
2,143.00	0.97	32.35	2,141.52	60.13	34.79	-59.07	0.12	0.04	-7.04	
2,239.00	0.99	26.03	2,237.51	61.56	35.59	-60.48	0.11	0.02	-6.58	
2,334.00	1.12	26.31	2,332.49	63.13	36.36	-62.03	0.14	0.14	0.29	
2,430.00	1.14	32.62	2,428.47	64.78	37.29	-63.64	0.13	0.02	6.57	
2,525.00	3.00	72.36	2,523.41	66.33	40.17	-65.11	2.36	1.96	41.83	
2,620.00	5.07	71.26	2,618.17	68.43	46.52	-67.02	2.18	2.18	-1.16	
2,716.00	5.04	74.74	2,713.80	70.90	54.60	-69.25	0.32	-0.03	3.63	
2,811.00	4.97	90.65	2,808.44	71.95	62.74	-70.06	1.46	-0.07	16.75	
2,906.00	5.20	100.21	2,903.07	71.14	71.09	-69.00	0.92	0.24	10.06	
3,001.00	5.65	107.45	2,997.64	68.98	79.79	-66.58	0.86	0.47	7.62	
3,097.00	6.24	105.96	3,093.13	66.13	89.32	-63.45	0.64	0.61	-1.55	
3,192.00	5.55	104.50	3,187.62	63.56	98.73	-60.60	0.74	-0.73	-1.54	
3,287.00	4.41	103.50	3,282.26	61.55	106.73	-58.36	1.20	-1.20	-1.05	
3,382.00	4.34	102.93	3,376.99	59.90	113.78	-56.49	0.09	-0.07	-0.60	
3,477.00	4.19	84.11	3,471.73	59.45	120.74	-55.84	1.47	-0.16	-19.81	
3,573.00	4.93	73.53	3,567.43	60.98	128.18	-57.15	1.16	0.77	-11.02	
3,668.00	4.82	73.39	3,662.08	63.28	135.92	-59.22	0.12	-0.12	-0.15	
3,763.00	4.67	72.57	3,756.76	65.58	143.44	-61.29	0.17	-0.16	-0.86	
3,859.00	4.22	70.68	3,852.47	67.91	150.50	-63.42	0.49	-0.47	-1.97	
3,954.00	4.20	68.12	3,947.21	70.37	157.03	-65.68	0.20	-0.02	-2.69	
4,049.00	4.03	66.86	4,041.97	72.98	163.32	-68.10	0.20	-0.18	-1.33	
4,145.00	3.49	64.97	4,137.76	75.54	169.07	-70.49	0.58	-0.56	-1.97	
4,240.00	3.33	62.45	4,232.59	78.04	174.14	-72.84	0.23	-0.17	-2.65	
4,335.00	3.25	60.51	4,327.43	80.64	178.93	-75.30	0.14	-0.08	-2.04	
4,431.00	4.26	67.18	4,423.23	83.36	184.59	-77.85	1.14	1.05	6.95	
4,526.00	4.73	68.25	4,517.94	86.18	191.48	-80.46	0.50	0.49	1.13	
4,621.00	4.46	65.43	4,612.63	89.17	198.47	-83.24	0.37	-0.28	-2.97	
4,716.00	4.11	60.54	4,707.36	92.38	204.80	-86.26	0.53	-0.37	-5.15	
4,812.00	3.59	57.73	4,803.15	95.68	210.33	-89.39	0.58	-0.54	-2.93	
4,907.00	3.35	59.82	4,897.97	98.66	215.25	-92.23	0.29	-0.25	2.20	
5,002.00	3.46	63.07	4,992.81	101.35	220.20	-94.78	0.23	0.12	3.42	
5,098.00	3.77	65.32	5,088.61	103.98	225.65	-97.24	0.36	0.32	2.34	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)	
5,193.00	3.74	64.89	5,183.41	106.60	231.30	-99.69	0.04	-0.03	-0.45	
5,289.00	3.69	65.33	5,279.21	109.22	236.94	-102.14	0.06	-0.05	0.46	
5,384.00	3.27	65.90	5,374.03	111.60	242.19	-104.37	0.44	-0.44	0.60	
5,480.00	3.08	65.42	5,469.89	113.79	247.04	-106.41	0.20	-0.20	-0.50	
5,576.00	3.11	64.82	5,565.75	115.97	251.74	-108.45	0.05	0.03	-0.63	
5,671.00	2.69	63.20	5,660.62	118.08	256.06	-110.43	0.45	-0.44	-1.71	
5,767.00	2.22	70.09	5,756.54	119.72	259.82	-111.96	0.58	-0.49	7.18	
5,862.00	2.05	81.57	5,851.47	120.60	263.23	-112.74	0.48	-0.18	12.08	
5,957.00	2.03	85.76	5,946.41	120.97	266.59	-113.01	0.16	-0.02	4.41	
6,053.00	2.00	86.39	6,042.35	121.20	269.96	-113.14	0.04	-0.03	0.66	
6,148.00	1.81	90.33	6,137.30	121.30	273.11	-113.14	0.24	-0.20	4.15	
6,244.00	1.64	96.29	6,233.26	121.14	275.99	-112.90	0.26	-0.18	6.21	
6,339.00	1.70	98.65	6,328.21	120.78	278.74	-112.46	0.10	0.06	2.48	
6,434.00	1.64	105.03	6,423.17	120.22	281.44	-111.81	0.21	-0.06	6.72	
6,530.00	1.71	109.55	6,519.13	119.38	284.12	-110.90	0.16	0.07	4.71	
6,625.00	1.64	123.95	6,614.09	118.15	286.58	-109.59	0.45	-0.07	15.16	
6,720.00	1.61	129.77	6,709.06	116.53	288.74	-107.92	0.18	-0.03	6.13	
6,815.00	1.40	141.05	6,804.02	114.78	290.49	-106.11	0.38	-0.22	11.87	
6,910.00	1.57	142.56	6,898.99	112.84	292.01	-104.13	0.18	0.18	1.59	
7,005.00	1.51	147.98	6,993.96	110.75	293.47	-101.99	0.17	-0.06	5.71	
7,101.00	1.66	148.05	7,089.92	108.49	294.87	-99.70	0.16	0.16	0.07	
7,196.00	1.53	151.27	7,184.88	106.21	296.21	-97.38	0.17	-0.14	3.39	
7,292.00	1.20	160.67	7,280.86	104.14	297.16	-95.28	0.41	-0.34	9.79	
7,387.00	1.63	164.32	7,375.83	101.90	297.85	-93.02	0.46	0.45	3.84	
7,482.00	1.16	160.48	7,470.80	99.70	298.54	-90.80	0.50	-0.49	-4.04	
7,577.00	1.66	155.65	7,565.77	97.54	299.43	-88.61	0.54	0.53	-5.08	
7,673.00	2.12	156.98	7,661.72	94.63	300.70	-85.67	0.48	0.48	1.39	
7,768.00	2.07	155.79	7,756.65	91.45	302.09	-82.45	0.07	-0.05	-1.25	
7,864.00	1.26	158.12	7,852.61	88.89	303.19	-79.86	0.85	-0.84	2.43	
7,959.00	0.56	199.52	7,947.60	87.48	303.43	-78.44	0.97	-0.74	43.58	
8,054.00	0.97	203.20	8,042.59	86.31	302.95	-77.28	0.43	0.43	3.87	
8,149.00	1.34	201.77	8,137.57	84.54	302.22	-75.53	0.39	0.39	-1.51	
8,244.00	1.29	203.42	8,232.55	82.52	301.39	-73.55	0.07	-0.05	1.74	
8,340.00	1.48	196.66	8,328.52	80.35	300.60	-71.39	0.26	0.20	-7.04	
8,435.00	1.56	188.10	8,423.49	77.89	300.07	-68.95	0.25	0.08	-9.01	
8,530.00	1.61	177.82	8,518.45	75.28	299.94	-66.34	0.30	0.05	-10.82	
8,626.00	1.38	167.85	8,614.42	72.80	300.23	-63.86	0.36	-0.24	-10.39	
8,721.00	1.74	187.66	8,709.38	70.25	300.28	-61.31	0.68	0.38	20.85	
8,816.00	2.27	184.49	8,804.32	66.95	299.94	-58.02	0.57	0.56	-3.34	
8,912.00	2.31	181.73	8,900.25	63.12	299.73	-54.20	0.12	0.04	-2.88	
9,007.00	2.22	191.25	8,995.17	59.40	299.32	-50.49	0.41	-0.09	10.02	
9,103.00	2.18	196.82	9,091.10	55.83	298.43	-46.95	0.23	-0.04	5.80	
9,198.00	1.93	198.28	9,186.04	52.58	297.40	-43.73	0.27	-0.26	1.54	



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)	
9,294.00	2.23	198.99	9,281.98	49.28	296.29	-40.47	0.31	0.31	0.74	
9,389.00	2.58	204.67	9,376.89	45.59	294.79	-36.82	0.45	0.37	5.98	
9,484.00	2.66	202.72	9,471.79	41.61	293.05	-32.90	0.13	0.08	-2.05	
9,583.00	2.17	205.13	9,570.71	37.79	291.37	-29.13	0.51	-0.49	2.43	
9,679.00	12.65	170.44	9,665.80	25.75	292.34	-17.06	11.39	10.92	-36.14	
9,774.00	28.41	173.23	9,754.48	-7.16	296.76	15.96	16.62	16.59	2.94	
9,869.00	41.52	175.66	9,832.17	-61.24	301.83	70.17	13.88	13.80	2.56	
9,964.00	49.28	177.66	9,898.83	-128.71	305.69	137.72	8.30	8.17	2.11	
10,059.00	57.09	180.77	9,955.72	-204.69	306.63	213.69	8.63	8.22	3.27	
10,155.00	63.34	181.90	10,003.38	-287.94	304.66	296.85	6.59	6.51	1.18	
10,250.00	70.67	181.85	10,040.47	-375.28	301.80	384.07	7.72	7.72	-0.05	
10,345.00	76.24	182.38	10,067.51	-466.25	298.44	474.90	5.89	5.86	0.56	
10,441.00	83.61	182.24	10,084.30	-560.63	294.63	569.12	7.68	7.68	-0.15	
10,536.00	90.84	179.78	10,088.89	-655.43	292.97	663.84	8.04	7.61	-2.59	
10,631.00	91.44	178.58	10,087.00	-750.40	294.32	758.80	1.41	0.63	-1.26	
10,727.00	91.34	177.83	10,084.67	-846.33	297.33	854.77	0.79	-0.10	-0.78	
10,822.00	89.60	176.41	10,083.90	-941.20	302.10	949.74	2.36	-1.83	-1.49	
10,918.00	91.58	178.53	10,082.91	-1,037.09	306.34	1,045.72	3.02	2.06	2.21	
11,013.00	90.81	178.47	10,080.93	-1,132.03	308.83	1,140.70	0.81	-0.81	-0.06	
11,108.00	88.66	180.64	10,081.36	-1,227.02	309.56	1,235.66	3.22	-2.26	2.28	
11,203.00	87.48	179.86	10,084.56	-1,321.96	309.15	1,330.55	1.49	-1.24	-0.82	
11,298.00	90.00	179.97	10,086.65	-1,416.93	309.29	1,425.48	2.66	2.65	0.12	
11,393.00	90.10	179.77	10,086.57	-1,511.93	309.51	1,520.45	0.24	0.11	-0.21	
11,489.00	90.77	179.42	10,085.84	-1,607.92	310.19	1,616.42	0.79	0.70	-0.36	
11,584.00	90.57	178.36	10,084.73	-1,702.90	312.03	1,711.41	1.14	-0.21	-1.12	
11,679.00	90.87	180.17	10,083.54	-1,797.88	313.24	1,806.38	1.93	0.32	1.91	
11,774.00	90.30	182.40	10,082.57	-1,892.84	311.11	1,901.24	2.42	-0.60	2.35	
11,869.00	89.97	181.53	10,082.34	-1,987.79	307.86	1,996.05	0.98	-0.35	-0.92	
11,965.00	89.73	180.59	10,082.59	-2,083.77	306.08	2,091.93	1.01	-0.25	-0.98	
12,059.00	90.67	180.89	10,082.27	-2,177.76	304.87	2,185.85	1.05	1.00	0.32	
12,155.00	91.61	182.07	10,080.36	-2,273.71	302.39	2,281.68	1.57	0.98	1.23	
12,250.00	91.24	181.04	10,077.99	-2,368.64	299.81	2,376.49	1.15	-0.39	-1.08	
12,346.00	91.04	179.22	10,076.08	-2,464.62	299.59	2,472.42	1.91	-0.21	-1.90	
12,436.00	90.37	178.04	10,074.98	-2,554.58	301.74	2,562.41	1.51	-0.74	-1.31	
12,525.00	88.49	175.91	10,075.86	-2,643.44	306.44	2,651.37	3.19	-2.11	-2.39	
12,615.00	89.60	178.81	10,077.36	-2,733.33	310.58	2,741.34	3.45	1.23	3.22	
12,705.00	88.79	177.99	10,078.63	-2,823.28	313.10	2,831.33	1.28	-0.90	-0.91	
12,795.00	88.83	180.65	10,080.50	-2,913.25	314.16	2,921.28	2.96	0.04	2.96	
12,885.00	92.59	184.72	10,079.38	-3,003.11	309.95	3,010.98	6.16	4.18	4.52	
12,974.00	92.01	183.69	10,075.81	-3,091.79	303.43	3,099.43	1.33	-0.65	-1.16	
13,064.00	91.21	183.01	10,073.28	-3,181.60	298.17	3,189.05	1.17	-0.89	-0.76	
13,154.00	90.54	181.52	10,071.90	-3,271.52	294.62	3,278.82	1.82	-0.74	-1.66	
13,243.00	90.20	179.89	10,071.33	-3,360.51	293.52	3,367.74	1.87	-0.38	-1.83	



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)
13,333.00	90.70	178.46	10,070.62	-3,450.49	294.82	3,457.72	1.68	0.56	-1.59
13,423.00	89.46	178.68	10,070.50	-3,540.46	297.07	3,547.72	1.40	-1.38	0.24
13,512.00	90.27	179.61	10,070.71	-3,629.45	298.39	3,636.71	1.39	0.91	1.04
13,602.00	90.97	178.47	10,069.73	-3,719.43	299.90	3,726.69	1.49	0.78	-1.27
13,691.00	90.47	180.57	10,068.61	-3,808.42	300.65	3,815.66	2.43	-0.56	2.36
13,781.00	90.91	181.04	10,067.53	-3,898.40	299.38	3,905.56	0.72	0.49	0.52
13,870.00	88.22	180.71	10,068.21	-3,987.38	298.02	3,994.46	3.05	-3.02	-0.37
13,960.00	87.28	180.65	10,071.74	-4,077.30	296.96	4,084.32	1.05	-1.04	-0.07
14,050.00	86.64	180.59	10,076.51	-4,167.17	295.98	4,174.12	0.71	-0.71	-0.07
14,139.00	86.07	180.33	10,082.17	-4,255.99	295.27	4,262.87	0.70	-0.64	-0.29
14,261.00	87.78	180.09	10,088.72	-4,377.80	294.82	4,384.62	1.42	1.40	-0.20
14,350.00	90.57	179.46	10,090.00	-4,466.79	295.17	4,473.58	3.21	3.13	-0.71
14,440.00	89.16	178.79	10,090.21	-4,556.77	296.55	4,563.56	1.73	-1.57	-0.74
14,529.00	92.18	179.88	10,089.17	-4,645.75	297.58	4,652.53	3.61	3.39	1.22
14,619.00	91.41	179.80	10,086.35	-4,735.70	297.83	4,742.45	0.86	-0.86	-0.09
14,709.00	91.91	181.02	10,083.74	-4,825.66	297.19	4,832.35	1.46	0.56	1.36
14,798.00	91.34	180.76	10,081.22	-4,914.61	295.81	4,921.23	0.70	-0.64	-0.29
14,888.00	90.50	180.33	10,079.77	-5,004.60	294.95	5,011.14	1.05	-0.93	-0.48
14,891.78	90.45	180.29	10,079.74	-5,008.38	294.93	5,014.92	1.77	-1.33	-1.17
CSL Sec 11 into 14 - 14891.78 MD 10079.74 TVD									
14,978.00	89.30	179.28	10,079.93	-5,094.59	295.26	5,101.11	1.77	-1.33	-1.17
15,067.00	91.58	179.01	10,079.25	-5,183.58	296.58	5,190.09	2.58	2.56	-0.30
15,157.00	91.07	179.05	10,077.17	-5,273.54	298.11	5,280.06	0.57	-0.57	0.04
15,247.00	90.57	178.47	10,075.88	-5,363.51	300.06	5,370.05	0.85	-0.56	-0.64
15,336.00	89.63	177.50	10,075.72	-5,452.45	303.18	5,459.04	1.52	-1.06	-1.09
15,426.00	90.54	179.68	10,075.59	-5,542.42	305.40	5,549.04	2.62	1.01	2.42
15,516.00	90.20	178.66	10,075.01	-5,632.40	306.70	5,639.02	1.19	-0.38	-1.13
15,605.00	90.77	180.89	10,074.25	-5,721.39	307.05	5,727.98	2.59	0.64	2.51
15,695.00	90.34	180.20	10,073.38	-5,811.38	306.20	5,817.91	0.90	-0.48	-0.77
15,785.00	89.40	179.72	10,073.59	-5,901.38	306.26	5,907.87	1.17	-1.04	-0.53
15,875.00	89.70	180.95	10,074.29	-5,991.38	305.73	5,997.81	1.41	0.33	1.37
15,964.00	90.44	181.01	10,074.18	-6,080.36	304.21	6,086.71	0.83	0.83	0.07
16,054.00	91.11	181.38	10,072.97	-6,170.33	302.33	6,176.59	0.85	0.74	0.41
16,144.00	90.74	180.81	10,071.51	-6,260.31	300.61	6,266.47	0.75	-0.41	-0.63
16,233.00	90.47	181.02	10,070.57	-6,349.29	299.19	6,355.37	0.38	-0.30	0.24
16,323.00	89.73	180.29	10,070.42	-6,439.28	298.16	6,445.29	1.15	-0.82	-0.81
16,412.00	89.16	179.75	10,071.28	-6,528.28	298.13	6,534.25	0.88	-0.64	-0.61
16,502.00	91.64	179.78	10,070.65	-6,618.27	298.50	6,624.21	2.76	2.76	0.03
16,591.00	91.41	179.38	10,068.28	-6,707.23	299.15	6,713.16	0.52	-0.26	-0.45
16,681.00	90.84	179.02	10,066.52	-6,797.21	300.41	6,803.13	0.75	-0.63	-0.40
16,770.00	88.42	178.61	10,067.09	-6,886.18	302.25	6,892.11	2.76	-2.72	-0.46
16,860.00	88.05	178.67	10,069.86	-6,976.11	304.39	6,982.07	0.42	-0.41	0.07
16,949.00	87.32	178.26	10,073.46	-7,065.01	306.77	7,071.00	0.94	-0.82	-0.46
17,039.00	90.00	179.57	10,075.56	-7,154.95	308.47	7,160.96	3.31	2.98	1.46



Scientific Drilling, Intl Survey Report

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Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)	
17,128.00	90.23	178.44	10,075.38	-7,243.94	310.02	7,249.95	1.30	0.26	-1.27	
17,217.00	87.55	176.48	10,077.11	-7,332.82	313.96	7,338.91	3.73	-3.01	-2.20	
17,307.00	91.44	177.57	10,077.90	-7,422.68	318.63	7,428.86	4.49	4.32	1.21	
17,397.00	91.54	177.15	10,075.56	-7,512.55	322.77	7,518.82	0.48	0.11	-0.47	
17,486.00	91.24	179.22	10,073.40	-7,601.48	325.59	7,607.79	2.35	-0.34	2.33	
17,576.00	88.49	177.27	10,073.61	-7,691.42	328.35	7,697.78	3.75	-3.06	-2.17	
17,665.00	91.04	179.38	10,073.98	-7,780.37	330.95	7,786.76	3.72	2.87	2.37	
17,755.00	92.11	180.14	10,071.50	-7,870.33	331.32	7,876.70	1.46	1.19	0.84	
17,844.00	91.58	179.20	10,068.64	-7,959.29	331.84	7,965.63	1.21	-0.60	-1.06	
17,933.00	91.58	181.99	10,066.18	-8,048.24	330.91	8,054.51	3.13	0.00	3.13	
18,023.00	88.86	180.35	10,065.84	-8,138.21	329.08	8,144.39	3.53	-3.02	-1.82	
18,112.00	90.47	181.15	10,066.36	-8,227.19	327.91	8,233.30	2.02	1.81	0.90	
18,202.00	90.34	181.15	10,065.72	-8,317.17	326.10	8,323.19	0.14	-0.14	0.00	
18,291.00	90.44	181.13	10,065.12	-8,406.15	324.33	8,412.08	0.11	0.11	-0.02	
18,381.00	90.67	178.80	10,064.25	-8,496.14	324.39	8,502.03	2.60	0.26	-2.59	
18,470.00	90.23	175.97	10,063.55	-8,585.04	328.45	8,591.00	3.22	-0.49	-3.18	
18,560.00	90.67	177.73	10,062.84	-8,674.90	333.39	8,680.97	2.02	0.49	1.96	
18,650.00	90.47	181.66	10,061.94	-8,764.87	333.87	8,770.92	4.37	-0.22	4.37	
18,739.00	90.30	181.33	10,061.35	-8,853.84	331.55	8,859.78	0.42	-0.19	-0.37	
18,829.00	89.30	180.50	10,061.66	-8,943.83	330.11	8,949.68	1.44	-1.11	-0.92	
18,919.00	88.86	179.66	10,063.10	-9,033.81	329.99	9,039.63	1.05	-0.49	-0.93	
19,008.00	90.81	180.69	10,063.36	-9,122.81	329.72	9,128.57	2.48	2.19	1.16	
19,097.00	90.67	180.10	10,062.21	-9,211.80	329.10	9,217.51	0.68	-0.16	-0.66	
19,187.00	90.13	179.31	10,061.58	-9,301.79	329.57	9,307.48	1.06	-0.60	-0.88	
19,277.00	89.30	178.48	10,062.03	-9,391.77	331.30	9,397.47	1.30	-0.92	-0.92	
19,366.00	90.47	180.91	10,062.21	-9,480.76	331.78	9,486.43	3.03	1.31	2.73	
19,456.00	89.46	180.40	10,062.26	-9,570.76	330.75	9,576.36	1.26	-1.12	-0.57	
19,545.00	88.62	179.85	10,063.76	-9,659.74	330.55	9,665.30	1.13	-0.94	-0.62	
19,635.00	91.51	181.58	10,063.65	-9,749.72	329.43	9,755.20	3.74	3.21	1.92	
19,724.00	90.84	180.89	10,061.83	-9,838.68	327.51	9,844.07	1.08	-0.75	-0.78	
19,814.00	91.04	180.62	10,060.35	-9,928.66	326.33	9,933.97	0.37	0.22	-0.30	
19,903.00	89.40	180.32	10,060.01	-10,017.66	325.60	10,022.91	1.87	-1.84	-0.34	
19,993.00	88.22	179.40	10,061.88	-10,107.63	325.82	10,112.85	1.66	-1.31	-1.02	
20,041.00	88.09	179.66	10,063.43	-10,155.61	326.21	10,160.81	0.61	-0.27	0.54	
20,094.00	88.09	179.66	10,065.19	-10,208.58	326.52	10,213.77	0.00	0.00	0.00	
Actual BH: 101.3 FSL 309.1 FEL - 20094 MD 10065.19 TVD - Y-440548.09 X-660623.64 - 32.210555°N 103.947642°W										

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)		
14,891.78	10,079.74	-5,008.38	294.93	CSL Sec 11 into 14	
14,891.78	10,079.74	-5,008.38	294.93	14891.78 MD 10079.74 TVD	
20,094.00	10,065.19	-10,208.58	326.52	Actual BH: 101.3 FSL 309.1 FEL	
20,094.00	10,065.19	-10,208.58	326.52	20094 MD 10065.19 TVD	
20,094.00	10,065.19	-10,208.58	326.52	Y-440548.09 X-660623.64	
20,094.00	10,065.19	-10,208.58	326.52	32.210555°N 103.947642°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 333H**

OH Wellbore

Design: As Drilled

Survey Report - Geographic

10 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 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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 333H					
Well Position	+N/-S	0.00 usft	Northing:	450,755.90 usft	Latitude:	32.238618
	+E/-W	0.00 usft	Easting:	660,297.14 usft	Longitude:	-103.948580
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,103.30 usft	Ground Level:	3,077.30 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	178.30	

Survey Program	Date	11/10/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	20,094.00	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	450,755.90	660,297.14	32.238618	-103.948580
180.00	1.51	55.47	179.98	1.34	1.95	450,757.24	660,299.10	32.238622	-103.948573
212.00	1.82	53.80	211.97	1.88	2.71	450,757.78	660,299.86	32.238623	-103.948571
307.00	1.49	63.34	306.93	3.33	5.03	450,759.23	660,302.18	32.238627	-103.948563
358.00	1.40	51.33	357.91	4.02	6.11	450,759.92	660,303.26	32.238629	-103.948560
522.00	2.00	46.70	521.84	7.23	9.76	450,763.13	660,306.90	32.238638	-103.948548
617.00	1.89	42.49	616.78	9.52	12.02	450,765.42	660,309.17	32.238644	-103.948541
713.00	2.11	36.91	712.72	12.10	14.15	450,768.00	660,311.30	32.238651	-103.948534
809.00	2.28	35.04	808.65	15.08	16.31	450,770.98	660,313.46	32.238660	-103.948527
904.00	2.49	24.47	903.57	18.50	18.25	450,774.40	660,315.39	32.238669	-103.948520
999.00	2.73	20.80	998.47	22.50	19.91	450,778.40	660,317.05	32.238680	-103.948515
1,095.00	3.02	14.64	1,094.35	27.08	21.36	450,782.98	660,318.50	32.238692	-103.948510



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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
1,190.00	3.28	6.50	1,189.21	32.20	22.30	450,788.10	660,319.44	32.238707	-103.948507
1,285.00	3.90	4.95	1,284.02	38.12	22.89	450,794.02	660,320.03	32.238723	-103.948505
1,381.00	3.08	15.50	1,379.84	43.86	23.86	450,799.76	660,321.00	32.238739	-103.948502
1,476.00	2.83	24.13	1,474.72	48.46	25.50	450,804.36	660,322.64	32.238751	-103.948496
1,571.00	1.84	36.32	1,569.64	51.83	27.36	450,807.73	660,324.50	32.238760	-103.948490
1,667.00	1.46	47.68	1,665.60	53.89	29.18	450,809.79	660,326.32	32.238766	-103.948485
1,762.00	1.10	45.05	1,760.58	55.35	30.72	450,811.25	660,327.86	32.238770	-103.948480
1,857.00	1.10	46.98	1,855.56	56.62	32.03	450,812.52	660,329.17	32.238774	-103.948475
1,953.00	0.73	34.31	1,951.55	57.75	33.05	450,813.65	660,330.19	32.238777	-103.948472
2,048.00	0.93	39.04	2,046.54	58.85	33.88	450,814.75	660,331.02	32.238780	-103.948469
2,143.00	0.97	32.35	2,141.52	60.13	34.79	450,816.03	660,331.93	32.238783	-103.948466
2,239.00	0.99	26.03	2,237.51	61.56	35.59	450,817.46	660,332.73	32.238787	-103.948464
2,334.00	1.12	26.31	2,332.49	63.13	36.36	450,819.03	660,333.50	32.238791	-103.948461
2,430.00	1.14	32.62	2,428.47	64.78	37.29	450,820.67	660,334.43	32.238796	-103.948458
2,525.00	3.00	72.36	2,523.41	66.33	40.17	450,822.22	660,337.31	32.238800	-103.948449
2,620.00	5.07	71.26	2,618.17	68.43	46.52	450,824.32	660,343.66	32.238806	-103.948428
2,716.00	5.04	74.74	2,713.80	70.90	54.60	450,826.80	660,351.74	32.238813	-103.948402
2,811.00	4.97	90.65	2,808.44	71.95	62.74	450,827.85	660,359.88	32.238815	-103.948376
2,906.00	5.20	100.21	2,903.07	71.14	71.09	450,827.04	660,368.23	32.238813	-103.948349
3,001.00	5.65	107.45	2,997.64	68.98	79.79	450,824.87	660,376.93	32.238807	-103.948321
3,097.00	6.24	105.96	3,093.13	66.13	89.32	450,822.02	660,386.46	32.238799	-103.948290
3,192.00	5.55	104.50	3,187.62	63.56	98.73	450,819.45	660,395.87	32.238792	-103.948259
3,287.00	4.41	103.50	3,282.26	61.55	106.73	450,817.45	660,403.86	32.238786	-103.948234
3,382.00	4.34	102.93	3,376.99	59.90	113.78	450,815.79	660,410.92	32.238782	-103.948211
3,477.00	4.19	84.11	3,471.73	59.45	120.74	450,815.34	660,417.87	32.238780	-103.948188
3,573.00	4.93	73.53	3,567.43	60.98	128.18	450,816.87	660,425.32	32.238785	-103.948164
3,668.00	4.82	73.39	3,662.08	63.28	135.92	450,819.17	660,433.06	32.238791	-103.948139
3,763.00	4.67	72.57	3,756.76	65.58	143.44	450,821.47	660,440.57	32.238797	-103.948115
3,859.00	4.22	70.68	3,852.47	67.91	150.50	450,823.81	660,447.63	32.238803	-103.948092
3,954.00	4.20	68.12	3,947.21	70.37	157.03	450,826.26	660,454.16	32.238810	-103.948071
4,049.00	4.03	66.86	4,041.97	72.98	163.32	450,828.87	660,460.46	32.238817	-103.948050
4,145.00	3.49	64.97	4,137.76	75.54	169.07	450,831.43	660,466.21	32.238824	-103.948032
4,240.00	3.33	62.45	4,232.59	78.04	174.14	450,833.93	660,471.27	32.238831	-103.948015
4,335.00	3.25	60.51	4,327.43	80.64	178.93	450,836.53	660,476.06	32.238838	-103.948000
4,431.00	4.26	67.18	4,423.23	83.36	184.59	450,839.26	660,481.72	32.238846	-103.947982
4,526.00	4.73	68.25	4,517.94	86.18	191.48	450,842.08	660,488.61	32.238853	-103.947959
4,621.00	4.46	65.43	4,612.63	89.17	198.47	450,845.06	660,495.60	32.238861	-103.947937
4,716.00	4.11	60.54	4,707.36	92.38	204.80	450,848.27	660,501.93	32.238870	-103.947916
4,812.00	3.59	57.73	4,803.15	95.68	210.33	450,851.57	660,507.46	32.238879	-103.947898
4,907.00	3.35	59.82	4,897.97	98.66	215.25	450,854.55	660,512.38	32.238887	-103.947882
5,002.00	3.46	63.07	4,992.81	101.35	220.20	450,857.25	660,517.33	32.238895	-103.947866
5,098.00	3.77	65.32	5,088.61	103.98	225.65	450,859.87	660,522.78	32.238902	-103.947849
5,193.00	3.74	64.89	5,183.41	106.60	231.30	450,862.49	660,528.42	32.238909	-103.947830
5,289.00	3.69	65.33	5,279.21	109.22	236.94	450,865.11	660,534.07	32.238916	-103.947812
5,384.00	3.27	65.90	5,374.03	111.60	242.19	450,867.49	660,539.32	32.238923	-103.947795
5,480.00	3.08	65.42	5,469.89	113.79	247.04	450,869.68	660,544.16	32.238929	-103.947779
5,576.00	3.11	64.82	5,565.75	115.97	251.74	450,871.86	660,548.86	32.238935	-103.947764
5,671.00	2.69	63.20	5,660.62	118.08	256.06	450,873.97	660,553.18	32.238940	-103.947750
5,767.00	2.22	70.09	5,756.54	119.72	259.82	450,875.62	660,556.94	32.238945	-103.947738
5,862.00	2.05	81.57	5,851.47	120.60	263.23	450,876.49	660,560.35	32.238947	-103.947727
5,957.00	2.03	85.76	5,946.41	120.97	266.59	450,876.86	660,563.71	32.238948	-103.947716
6,053.00	2.00	86.39	6,042.35	121.20	269.96	450,877.10	660,567.08	32.238949	-103.947705
6,148.00	1.81	90.33	6,137.30	121.30	273.11	450,877.19	660,570.23	32.238949	-103.947695
6,244.00	1.64	96.29	6,233.26	121.14	275.99	450,877.03	660,573.12	32.238948	-103.947686
6,339.00	1.70	98.65	6,328.21	120.78	278.74	450,876.67	660,575.86	32.238947	-103.947677



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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
6,434.00	1.64	105.03	6,423.17	120.22	281.44	450,876.11	660,578.57	32.238946	-103.947668
6,530.00	1.71	109.55	6,519.13	119.38	284.12	450,875.27	660,581.24	32.238944	-103.947659
6,625.00	1.64	123.95	6,614.09	118.15	286.58	450,874.04	660,583.71	32.238940	-103.947651
6,720.00	1.61	129.77	6,709.06	116.53	288.74	450,872.42	660,585.86	32.238936	-103.947644
6,815.00	1.40	141.05	6,804.02	114.78	290.49	450,870.67	660,587.61	32.238931	-103.947639
6,910.00	1.57	142.56	6,898.99	112.84	292.01	450,868.73	660,589.13	32.238926	-103.947634
7,005.00	1.51	147.98	6,993.96	110.75	293.47	450,866.64	660,590.59	32.238920	-103.947629
7,101.00	1.66	148.05	7,089.92	108.49	294.87	450,864.39	660,592.00	32.238914	-103.947625
7,196.00	1.53	151.27	7,184.88	106.21	296.21	450,862.11	660,593.33	32.238907	-103.947620
7,292.00	1.20	160.67	7,280.86	104.14	297.16	450,860.03	660,594.28	32.238902	-103.947617
7,387.00	1.63	164.32	7,375.83	101.90	297.85	450,857.80	660,594.98	32.238895	-103.947615
7,482.00	1.16	160.48	7,470.80	99.70	298.54	450,855.59	660,595.66	32.238889	-103.947613
7,577.00	1.66	155.65	7,565.77	97.54	299.43	450,853.43	660,596.55	32.238883	-103.947610
7,673.00	2.12	156.98	7,661.72	94.63	300.70	450,850.53	660,597.82	32.238875	-103.947606
7,768.00	2.07	155.79	7,756.65	91.45	302.09	450,847.35	660,599.21	32.238867	-103.947602
7,864.00	1.26	158.12	7,852.61	88.89	303.19	450,844.79	660,600.31	32.238860	-103.947598
7,959.00	0.56	199.52	7,947.60	87.48	303.43	450,843.38	660,600.55	32.238856	-103.947597
8,054.00	0.97	203.20	8,042.59	86.31	302.95	450,842.20	660,600.08	32.238852	-103.947599
8,149.00	1.34	201.77	8,137.57	84.54	302.22	450,840.43	660,599.35	32.238848	-103.947601
8,244.00	1.29	203.42	8,232.55	82.52	301.39	450,838.42	660,598.51	32.238842	-103.947604
8,340.00	1.48	196.66	8,328.52	80.35	300.60	450,836.24	660,597.73	32.238836	-103.947606
8,435.00	1.56	188.10	8,423.49	77.89	300.07	450,833.78	660,597.19	32.238829	-103.947608
8,530.00	1.61	177.82	8,518.45	75.28	299.94	450,831.17	660,597.06	32.238822	-103.947609
8,626.00	1.38	167.85	8,614.42	72.80	300.23	450,828.69	660,597.35	32.238815	-103.947608
8,721.00	1.74	187.66	8,709.38	70.25	300.28	450,826.15	660,597.40	32.238808	-103.947608
8,816.00	2.27	184.49	8,804.32	66.95	299.94	450,822.84	660,597.06	32.238799	-103.947609
8,912.00	2.31	181.73	8,900.25	63.12	299.73	450,819.01	660,596.86	32.238789	-103.947609
9,007.00	2.22	191.25	8,995.17	59.40	299.32	450,815.29	660,596.44	32.238779	-103.947611
9,103.00	2.18	196.82	9,091.10	55.83	298.43	450,811.72	660,595.55	32.238769	-103.947614
9,198.00	1.93	198.28	9,186.04	52.58	297.40	450,808.47	660,594.52	32.238760	-103.947617
9,294.00	2.23	198.99	9,281.98	49.28	296.29	450,805.17	660,593.41	32.238751	-103.947621
9,389.00	2.58	204.67	9,376.89	45.59	294.79	450,801.48	660,591.92	32.238741	-103.947626
9,484.00	2.66	202.72	9,471.79	41.61	293.05	450,797.51	660,590.17	32.238730	-103.947631
9,583.00	2.17	205.13	9,570.71	37.79	291.37	450,793.69	660,588.49	32.238719	-103.947637
9,679.00	12.65	170.44	9,665.80	25.75	292.34	450,781.64	660,589.47	32.238686	-103.947634
9,774.00	28.41	173.23	9,754.48	-7.16	296.76	450,748.74	660,593.88	32.238596	-103.947620
9,869.00	41.52	175.66	9,832.17	-61.24	301.83	450,694.67	660,598.95	32.238447	-103.947604
9,964.00	49.28	177.66	9,898.83	-128.71	305.69	450,627.20	660,602.81	32.238261	-103.947592
10,059.00	57.09	180.77	9,955.72	-204.69	306.63	450,551.23	660,603.75	32.238053	-103.947590
10,155.00	63.34	181.90	10,003.38	-287.94	304.66	450,467.98	660,601.78	32.237824	-103.947598
10,250.00	70.67	181.85	10,040.47	-375.28	301.80	450,380.64	660,598.92	32.237584	-103.947608
10,345.00	76.24	182.38	10,067.51	-466.25	298.44	450,289.68	660,595.56	32.237334	-103.947620
10,441.00	83.61	182.24	10,084.30	-560.63	294.63	450,195.31	660,591.75	32.237074	-103.947633
10,536.00	90.84	179.78	10,088.89	-655.43	292.97	450,100.52	660,590.09	32.236814	-103.947640
10,631.00	91.44	178.58	10,087.00	-750.40	294.32	450,005.55	660,591.45	32.236553	-103.947636
10,727.00	91.34	177.83	10,084.67	-846.33	297.33	449,909.64	660,594.45	32.236289	-103.947628
10,822.00	89.60	176.41	10,083.90	-941.20	302.10	449,814.77	660,599.23	32.236028	-103.947613
10,918.00	91.58	178.53	10,082.91	-1,037.09	306.34	449,718.89	660,603.46	32.235765	-103.947601
11,013.00	90.81	178.47	10,080.93	-1,132.03	308.83	449,623.95	660,605.95	32.235504	-103.947594
11,108.00	88.66	180.64	10,081.36	-1,227.02	309.56	449,528.97	660,606.69	32.235243	-103.947593
11,203.00	87.48	179.86	10,084.56	-1,321.96	309.15	449,434.04	660,606.27	32.234982	-103.947595
11,298.00	90.00	179.97	10,086.65	-1,416.93	309.29	449,339.08	660,606.41	32.234721	-103.947596
11,393.00	90.10	179.77	10,086.57	-1,511.93	309.51	449,244.08	660,606.63	32.234459	-103.947596
11,489.00	90.77	179.42	10,085.84	-1,607.92	310.19	449,148.10	660,607.31	32.234196	-103.947595
11,584.00	90.57	178.36	10,084.73	-1,702.90	312.03	449,053.13	660,609.15	32.233935	-103.947590



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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
11,679.00	90.87	180.17	10,083.54	-1,797.88	313.24	448,958.15	660,610.37	32.233673	-103.947587
11,774.00	90.30	182.40	10,082.57	-1,892.84	311.11	448,863.20	660,608.24	32.233412	-103.947595
11,869.00	89.97	181.53	10,082.34	-1,987.79	307.86	448,768.26	660,604.98	32.233151	-103.947607
11,965.00	89.73	180.59	10,082.59	-2,083.77	306.08	448,672.29	660,603.20	32.232888	-103.947614
12,059.00	90.67	180.89	10,082.27	-2,177.76	304.87	448,578.30	660,601.99	32.232629	-103.947619
12,155.00	91.61	182.07	10,080.36	-2,273.71	302.39	448,482.36	660,599.51	32.232366	-103.947628
12,250.00	91.24	181.04	10,077.99	-2,368.64	299.81	448,387.44	660,596.93	32.232105	-103.947637
12,346.00	91.04	179.22	10,076.08	-2,464.62	299.59	448,291.47	660,596.72	32.231841	-103.947639
12,436.00	90.37	178.04	10,074.98	-2,554.58	301.74	448,201.51	660,598.87	32.231594	-103.947633
12,525.00	88.49	175.91	10,075.86	-2,643.44	306.44	448,112.65	660,603.56	32.231349	-103.947619
12,615.00	89.60	178.81	10,077.36	-2,733.33	310.58	448,022.78	660,607.71	32.231102	-103.947607
12,705.00	88.79	177.99	10,078.63	-2,823.28	313.10	447,932.83	660,610.22	32.230855	-103.947600
12,795.00	88.83	180.65	10,080.50	-2,913.25	314.16	447,842.87	660,611.29	32.230608	-103.947597
12,885.00	92.59	184.72	10,079.38	-3,003.11	309.95	447,753.02	660,607.07	32.230361	-103.947612
12,974.00	92.01	183.69	10,075.81	-3,091.79	303.43	447,664.34	660,600.55	32.230117	-103.947634
13,064.00	91.21	183.01	10,073.28	-3,181.60	298.17	447,574.54	660,595.30	32.229870	-103.947652
13,154.00	90.54	181.52	10,071.90	-3,271.52	294.62	447,484.63	660,591.74	32.229623	-103.947665
13,243.00	90.20	179.89	10,071.33	-3,360.51	293.52	447,395.64	660,590.65	32.229379	-103.947669
13,333.00	90.70	178.46	10,070.62	-3,450.49	294.82	447,305.67	660,591.94	32.229131	-103.947666
13,423.00	89.46	178.68	10,070.50	-3,540.46	297.07	447,215.70	660,594.19	32.228884	-103.947660
13,512.00	90.27	179.61	10,070.71	-3,629.45	298.39	447,126.72	660,595.52	32.228639	-103.947657
13,602.00	90.97	178.47	10,069.73	-3,719.43	299.90	447,036.75	660,597.02	32.228392	-103.947653
13,691.00	90.47	180.57	10,068.61	-3,808.42	300.65	446,947.77	660,597.77	32.228147	-103.947651
13,781.00	90.91	181.04	10,067.53	-3,898.40	299.38	446,857.79	660,596.50	32.227900	-103.947657
13,870.00	88.22	180.71	10,068.21	-3,987.38	298.02	446,768.82	660,595.15	32.227655	-103.947662
13,960.00	87.28	180.65	10,071.74	-4,077.30	296.96	446,678.90	660,594.08	32.227408	-103.947667
14,050.00	86.64	180.59	10,076.51	-4,167.17	295.98	446,589.04	660,593.11	32.227161	-103.947671
14,139.00	86.07	180.33	10,082.17	-4,255.99	295.27	446,500.23	660,592.39	32.226917	-103.947674
14,261.00	87.78	180.09	10,088.72	-4,377.80	294.82	446,378.42	660,591.95	32.226582	-103.947677
14,350.00	90.57	179.46	10,090.00	-4,466.79	295.17	446,289.45	660,592.30	32.226338	-103.947677
14,440.00	89.16	178.79	10,090.21	-4,556.77	296.55	446,199.47	660,593.67	32.226090	-103.947673
14,529.00	92.18	179.88	10,089.17	-4,645.75	297.58	446,110.50	660,594.70	32.225846	-103.947671
14,619.00	91.41	179.80	10,086.35	-4,735.70	297.83	446,020.55	660,594.95	32.225599	-103.947671
14,709.00	91.91	181.02	10,083.74	-4,825.66	297.19	445,930.60	660,594.31	32.225351	-103.947674
14,798.00	91.34	180.76	10,081.22	-4,914.61	295.81	445,841.65	660,592.93	32.225107	-103.947680
14,888.00	90.50	180.33	10,079.77	-5,004.60	294.95	445,751.68	660,592.07	32.224860	-103.947684
14,891.78	90.45	180.29	10,079.74	-5,008.38	294.93	445,747.90	660,592.05	32.224849	-103.947684
CSL Sec 11 into 14 - 14891.78 MD 10079.74 TVD									
14,978.00	89.30	179.28	10,079.93	-5,094.59	295.26	445,661.69	660,592.38	32.224612	-103.947684
15,067.00	91.58	179.01	10,079.25	-5,183.58	296.58	445,572.71	660,593.71	32.224368	-103.947681
15,157.00	91.07	179.05	10,077.17	-5,273.54	298.11	445,482.76	660,595.23	32.224120	-103.947677
15,247.00	90.57	178.47	10,075.88	-5,363.51	300.06	445,392.79	660,597.18	32.223873	-103.947671
15,336.00	89.63	177.50	10,075.72	-5,452.45	303.18	445,303.86	660,600.31	32.223628	-103.947662
15,426.00	90.54	179.68	10,075.59	-5,542.42	305.40	445,213.90	660,602.52	32.223381	-103.947656
15,516.00	90.20	178.66	10,075.01	-5,632.40	306.70	445,123.92	660,603.82	32.223134	-103.947653
15,605.00	90.77	180.89	10,074.25	-5,721.39	307.05	445,034.93	660,604.17	32.222889	-103.947653
15,695.00	90.34	180.20	10,073.38	-5,811.38	306.20	444,944.95	660,603.32	32.222642	-103.947657
15,785.00	89.40	179.72	10,073.59	-5,901.38	306.26	444,854.96	660,603.38	32.222394	-103.947658
15,875.00	89.70	180.95	10,074.29	-5,991.38	305.73	444,764.97	660,602.85	32.222147	-103.947660
15,964.00	90.44	181.01	10,074.18	-6,080.36	304.21	444,675.99	660,601.33	32.221903	-103.947666
16,054.00	91.11	181.38	10,072.97	-6,170.33	302.33	444,586.03	660,599.46	32.221655	-103.947673
16,144.00	90.74	180.81	10,071.51	-6,260.31	300.61	444,496.06	660,597.74	32.221408	-103.947680
16,233.00	90.47	181.02	10,070.57	-6,349.29	299.19	444,407.08	660,596.32	32.221163	-103.947686
16,323.00	89.73	180.29	10,070.42	-6,439.28	298.16	444,317.10	660,595.29	32.220916	-103.947690
16,412.00	89.16	179.75	10,071.28	-6,528.28	298.13	444,228.11	660,595.26	32.220671	-103.947691



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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
16,502.00	91.64	179.78	10,070.65	-6,618.27	298.50	444,138.13	660,595.62	32.220424	-103.947691
16,591.00	91.41	179.38	10,068.28	-6,707.23	299.15	444,049.17	660,596.28	32.220180	-103.947690
16,681.00	90.84	179.02	10,066.52	-6,797.21	300.41	443,959.20	660,597.53	32.219932	-103.947687
16,770.00	88.42	178.61	10,067.09	-6,886.18	302.25	443,870.24	660,599.37	32.219688	-103.947682
16,860.00	88.05	178.67	10,069.86	-6,976.11	304.39	443,780.31	660,601.51	32.219440	-103.947676
16,949.00	87.32	178.26	10,073.46	-7,065.01	306.77	443,691.42	660,603.89	32.219196	-103.947669
17,039.00	90.00	179.57	10,075.56	-7,154.95	308.47	443,601.48	660,605.59	32.218949	-103.947665
17,128.00	90.23	178.44	10,075.38	-7,243.94	310.02	443,512.50	660,607.14	32.218704	-103.947661
17,217.00	87.55	176.48	10,077.11	-7,332.82	313.96	443,423.63	660,611.08	32.218460	-103.947649
17,307.00	91.44	177.57	10,077.90	-7,422.68	318.63	443,333.78	660,615.75	32.218213	-103.947635
17,397.00	91.54	177.15	10,075.56	-7,512.55	322.77	443,243.91	660,619.89	32.217966	-103.947623
17,486.00	91.24	179.22	10,073.40	-7,601.48	325.59	443,154.99	660,622.71	32.217721	-103.947615
17,576.00	88.49	177.27	10,073.61	-7,691.42	328.35	443,065.05	660,625.47	32.217474	-103.947607
17,665.00	91.04	179.38	10,073.98	-7,780.37	330.95	442,976.11	660,628.07	32.217230	-103.947600
17,755.00	92.11	180.14	10,071.50	-7,870.33	331.32	442,886.15	660,628.44	32.216982	-103.947599
17,844.00	91.58	179.20	10,068.64	-7,959.29	331.84	442,797.21	660,628.96	32.216738	-103.947599
17,933.00	91.58	181.99	10,066.18	-8,048.24	330.91	442,708.26	660,628.03	32.216493	-103.947603
18,023.00	88.86	180.35	10,065.84	-8,138.21	329.08	442,618.30	660,626.20	32.216246	-103.947610
18,112.00	90.47	181.15	10,066.36	-8,227.19	327.91	442,529.32	660,625.03	32.216001	-103.947615
18,202.00	90.34	181.15	10,065.72	-8,317.17	326.10	442,439.35	660,623.22	32.215754	-103.947621
18,291.00	90.44	181.13	10,065.12	-8,406.15	324.33	442,350.37	660,621.45	32.215510	-103.947628
18,381.00	90.67	178.80	10,064.25	-8,496.14	324.39	442,260.39	660,621.51	32.215262	-103.947629
18,470.00	90.23	175.97	10,063.55	-8,585.04	328.45	442,171.50	660,625.57	32.215018	-103.947617
18,560.00	90.67	177.73	10,062.84	-8,674.90	333.39	442,081.65	660,630.51	32.214771	-103.947602
18,650.00	90.47	181.66	10,061.94	-8,764.87	333.87	441,991.68	660,630.99	32.214523	-103.947602
18,739.00	90.30	181.33	10,061.35	-8,853.84	331.55	441,902.72	660,628.67	32.214279	-103.947610
18,829.00	89.30	180.50	10,061.66	-8,943.83	330.11	441,812.74	660,627.23	32.214032	-103.947616
18,919.00	88.86	179.66	10,063.10	-9,033.81	329.99	441,722.76	660,627.11	32.213784	-103.947617
19,008.00	90.81	180.69	10,063.36	-9,122.81	329.72	441,633.77	660,626.84	32.213540	-103.947619
19,097.00	90.67	180.10	10,062.21	-9,211.80	329.10	441,544.79	660,626.22	32.213295	-103.947622
19,187.00	90.13	179.31	10,061.58	-9,301.79	329.57	441,454.80	660,626.69	32.213048	-103.947622
19,277.00	89.30	178.48	10,062.03	-9,391.77	331.30	441,364.83	660,628.42	32.212800	-103.947617
19,366.00	90.47	180.91	10,062.21	-9,480.76	331.78	441,275.84	660,628.90	32.212556	-103.947617
19,456.00	89.46	180.40	10,062.26	-9,570.76	330.75	441,185.86	660,627.87	32.212308	-103.947621
19,545.00	88.62	179.85	10,063.76	-9,659.74	330.55	441,096.88	660,627.67	32.212064	-103.947623
19,635.00	91.51	181.58	10,063.65	-9,749.72	329.43	441,006.91	660,626.55	32.211817	-103.947627
19,724.00	90.84	180.89	10,061.83	-9,838.68	327.51	440,917.95	660,624.63	32.211572	-103.947635
19,814.00	91.04	180.62	10,060.35	-9,928.66	326.33	440,827.98	660,623.45	32.211325	-103.947639
19,903.00	89.40	180.32	10,060.01	-10,017.66	325.60	440,738.99	660,622.72	32.211080	-103.947643
19,993.00	88.22	179.40	10,061.88	-10,107.63	325.82	440,649.02	660,622.94	32.210833	-103.947643
20,041.00	88.09	179.66	10,063.43	-10,155.61	326.21	440,601.05	660,623.33	32.210701	-103.947642
20,094.00	88.09	179.66	10,065.19	-10,208.58	326.52	440,548.09	660,623.64	32.210555	-103.947642
Actual BH: 101.3 FSL 309.1 FEL - 20094 MD 10065.19 TVD - Y-440548.09 X-660623.64 - 32.210555°N 103.947642°W									

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3077.3 GL 26 KB @ 3103.30usft
Well:	Mr. Potato Head 11-14 Fed Com 333H	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)		
14,891.78	10,079.74	-5,008.38	294.93	CSL Sec 11 into 14	
14,891.78	10,079.74	-5,008.38	294.93	14891.78 MD 10079.74 TVD	
20,094.00	10,065.19	-10,208.58	326.52	Actual BH: 101.3 FSL 309.1 FEL	
20,094.00	10,065.19	-10,208.58	326.52	20094 MD 10065.19 TVD	
20,094.00	10,065.19	-10,208.58	326.52	Y-440548.09 X-660623.64	
20,094.00	10,065.19	-10,208.58	326.52	32.210555°N 103.947642°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

WELL API NO.	30-015-46704
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	333H
9. OGRID Number	6137
10. Pool name or Wildcat	PIERCE CROSSING; BONE SPRING, EAST

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>606</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: 3077.3'	

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 ☐		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: Completion ☒	

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

2/1/22-4/4/22: MIRU WL & PT. TIH & ran CBL, found TOC @ 7340'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 10300' MD/10056' TVD - 20064' MD/10064' TVD, total 1174 holes. Frac totals 18,214,750# proppant, 42 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBDT w/ float collar 20076' MD/10065' TVD. CHC, FWB, ND BOP. RIH w/288 jts 2-7/8" L-80 tbg, set @ 9585'. 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@dmn.com PHONE: 405-552-3513
For State Use Only

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

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011						
		1. WELL API NO. 30-015-46704		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: 333H							
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 PIERCE CROSSING; BONE SPRING, EAST							
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	606	East	Eddy	
BH:	P	14	24S	29E		102	South	309	East	Eddy	
13. Date Spudded 10/18/21	14. Date T.D. Reached 11/9/21	15. Date Rig Released 11/11/21		16. Date Completed (Ready to Produce) 4/4/22		17. Elevations (DF and RKB, RT, GR, etc.) 3077.3' GL					
18. Total Measured Depth of Well 20094 MD, 10065 TVD		19. Plug Back Measured Depth 20,076 MD/10,065 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 10300 MD/10056 TVD-20064 MD/10064 TVD, BONE SPRING, EAST											
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		428		17-1/2"		466 sx CI OTHER; circ 208 sx				
8-5/8"	32		9542		9-7/8"		822 sx CIC; circ 254 sx				
5-1/2"	20		20078		7-7/8"		1467 sx CIH; circ 0				
24. LINER RECORD						25. TUBING RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET				
					2-7/8" L-80	9585					
26. Perforation record (interval, size, and number) 10300 MD/10056 TVD - 20064 MD/10064 TVD, total 1174 holes					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10300 MD-20064 MD Acidize and frac in 40 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 1608	Gas - MCF 3576	Water - Bbl. 5492	Gas - Oil Ratio 2223.880597				
Flow Tubing Press. psi	Casing Pressure 1059 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. 2, from..... N/A..... to..... N/A.....
No. 3, from..... N/A..... to..... N/A.....
No. 4, from..... N/A..... to..... N/A.....

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

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

From	To	Thickness In Feet	Lithology

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 327139

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 327139
	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 327139

CONDITIONS

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	Action Number: 327139
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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