

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 30-015-47270	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 713H

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	666	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
10	14	24S	29E		20	South	1484	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				

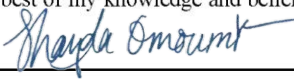
III. Oil and Gas Transporters

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 20584	²⁴ PBTD 20,553 MD/10,480 TVD	²⁵ Perforations 10679 - 20542	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 178 sx		
9-7/8"	8-5/8"	10038	923 sx CIC; Circ 253 sx		
7-7/8"	5-1/2"	20556	1466 sx CIH; Circ 0		
	Tubing: 2-7/8"	10144			

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 1394 psi
³⁷ Choke Size	³⁸ Oil 2423 bbl	³⁹ Water 5377 bbl	⁴⁰ Gas 5353 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: 4/18/2024		
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 30-015-47270	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 713H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3076.8

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	666	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
O	14	24 S	29 E		20	SOUTH	1484	EAST	EDDY

¹² Dedicated Acres 1280	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 280' FNL, 1520' FEL LAT. = 32.2386649°N LONG. = 103.9515355°W FIRST TAKE POINT 612' FNL, 1531' FEL LAT. = 32.2377523°N LONG. = 103.9515696°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 FTP SURFACE LOCATION MR POTATO HEAD 11-14 FED COM 713H ELEV. = 3076.8' LAT. = 32.2386176°N (NAD83) LONG. = 103.9487733°W NMSP EAST (FT) N = 450755.51 E = 660237.16 AS-DRILLED LAST TAKE POINT 148' FSL, 1486' FEL LAT. = 32.2106744°N LONG. = 103.9514459°W BOTTOM OF HOLE LAT. = 32.2105590°N LONG. = 103.9514519°W NMSP EAST (FT) N = 440545.27 E = 659445.24 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. = 32.2175659°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.

Shayda Omoumi 4/12/2022
Signature Date

Shayda Omoumi
Printed Name

shayda.omoumi@dvn.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. 7032F

Intent ☐ As Drilled ☒

API # 30-015-47270		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: MR POTATO HEAD 11-14 FED COM	Well Number 713H

Kick Off Point (KOP)

UL B	Section 11	Township 24S	Range 29E	Lot	Feet 280	From N/S NORTH	Feet 1520	From E/W EAST	County EDDY
Latitude 32.2386649					Longitude 103.9515355				NAD 83

First Take Point (FTP)

UL B	Section 11	Township 24S	Range 29E	Lot	Feet 612	From N/S NORTH	Feet 1531	From E/W EAST	County EDDY
Latitude 32.2377523					Longitude 103.9515696				NAD 83

Last Take Point (LTP)

UL O	Section 14	Township 24S	Range 29E	Lot	Feet 148	From N/S SOUTH	Feet 1486	From E/W EAST	County EDDY
Latitude 32.2106744					Longitude 103.9514459				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 # 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 713H

OH Wellbore

Design: As Drilled

Standard Survey Report

01 December, 2021



www.scientificdrilling.com



Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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 713H					
Well Position	+N/-S	0.00 usft	Northing:	450,755.51 usft	Latitude:	32.238618
	+E/-W	0.00 usft	Easting:	660,237.16 usft	Longitude:	-103.948774
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,102.80 usft	Ground Level:	3,076.80 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	184.42	

Survey Program	Date	12/1/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	20,584.00	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	1.59	18.91	179.98	2.36	0.81	-2.42	0.88	0.88	0.00	
276.00	1.69	8.20	275.94	5.02	1.44	-5.12	0.34	0.10	-11.16	
367.00	1.37	14.28	366.91	7.41	1.90	-7.53	0.39	-0.35	6.68	
522.00	1.78	352.46	521.85	11.59	2.04	-11.71	0.46	0.26	-14.08	
618.00	1.47	352.53	617.81	14.29	1.69	-14.37	0.32	-0.32	0.07	
713.00	0.81	347.60	712.79	16.15	1.39	-16.21	0.70	-0.69	-5.19	
809.00	0.88	350.55	808.78	17.54	1.12	-17.58	0.09	0.07	3.07	
904.00	0.64	154.02	903.78	17.78	1.23	-17.83	1.58	-0.25	172.07	
1,000.00	0.70	150.09	999.77	16.79	1.76	-16.88	0.08	0.06	-4.09	

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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	0.36	152.34	1,094.77	16.03	2.19	-16.15	0.36	-0.36	2.37
1,190.00	0.03	243.90	1,189.76	15.75	2.30	-15.88	0.38	-0.35	96.38
1,285.00	0.42	329.42	1,284.76	16.04	2.10	-16.15	0.44	0.41	90.02
1,381.00	0.81	329.49	1,380.76	16.93	1.58	-17.00	0.41	0.41	0.07
1,476.00	1.07	332.89	1,475.75	18.30	0.83	-18.31	0.28	0.27	3.58
1,572.00	1.05	333.53	1,571.73	19.88	0.03	-19.82	0.02	-0.02	0.67
1,667.00	0.98	319.31	1,666.71	21.28	-0.88	-21.14	0.27	-0.07	-14.97
1,762.00	0.83	316.55	1,761.70	22.39	-1.89	-22.18	0.16	-0.16	-2.91
1,857.00	0.81	311.02	1,856.69	23.33	-2.87	-23.04	0.09	-0.02	-5.82
1,953.00	1.78	266.85	1,952.67	23.70	-4.87	-23.25	1.38	1.01	-46.01
2,048.00	3.23	264.08	2,047.58	23.34	-9.00	-22.57	1.53	1.53	-2.92
2,144.00	5.02	265.51	2,143.32	22.73	-15.88	-21.44	1.87	1.86	1.49
2,239.00	6.28	269.89	2,237.86	22.39	-25.22	-20.38	1.40	1.33	4.61
2,334.00	7.56	269.46	2,332.17	22.33	-36.67	-19.43	1.35	1.35	-0.45
2,430.00	8.61	268.50	2,427.21	22.08	-50.16	-18.15	1.10	1.09	-1.00
2,525.00	7.95	265.29	2,521.22	21.35	-63.82	-16.37	0.85	-0.69	-3.38
2,620.00	7.06	264.31	2,615.41	20.23	-76.18	-14.30	0.95	-0.94	-1.03
2,716.00	7.66	266.89	2,710.61	19.30	-88.44	-12.43	0.71	0.63	2.69
2,811.00	7.57	262.18	2,804.78	18.11	-100.96	-10.27	0.66	-0.09	-4.96
2,906.00	7.15	258.47	2,899.00	16.07	-112.95	-7.32	0.67	-0.44	-3.91
3,001.00	8.40	257.68	2,993.12	13.41	-125.52	-3.70	1.32	1.32	-0.83
3,097.00	8.62	261.40	3,088.06	10.84	-139.49	-0.06	0.62	0.23	3.88
3,192.00	9.32	269.86	3,181.91	9.76	-154.22	2.16	1.57	0.74	8.91
3,288.00	9.16	273.51	3,276.66	10.21	-169.62	2.90	0.63	-0.17	3.80
3,382.00	9.07	271.73	3,369.47	10.89	-184.49	3.36	0.31	-0.10	-1.89
3,477.00	9.05	271.76	3,463.29	11.34	-199.45	4.06	0.02	-0.02	0.03
3,573.00	9.13	271.14	3,558.08	11.73	-214.61	4.85	0.13	0.08	-0.65
3,668.00	8.87	270.68	3,651.91	11.96	-229.47	5.76	0.28	-0.27	-0.48
3,764.00	8.77	269.32	3,746.78	11.96	-244.19	6.89	0.24	-0.10	-1.42
3,859.00	8.55	268.77	3,840.70	11.73	-258.49	8.23	0.25	-0.23	-0.58
3,954.00	8.91	271.89	3,934.59	11.82	-272.90	9.25	0.63	0.38	3.28
4,049.00	9.77	274.99	4,028.34	12.76	-288.29	9.49	1.05	0.91	3.26
4,145.00	9.36	273.49	4,123.00	13.94	-304.19	9.54	0.50	-0.43	-1.56
4,240.00	9.25	273.07	4,216.75	14.82	-319.53	9.85	0.14	-0.12	-0.44
4,335.00	10.85	280.11	4,310.29	16.80	-335.96	9.14	2.12	1.68	7.41
4,431.00	10.68	278.92	4,404.60	19.77	-353.64	7.54	0.29	-0.18	-1.24
4,526.00	10.67	278.03	4,497.96	22.36	-371.04	6.30	0.17	-0.01	-0.94
4,621.00	10.65	277.74	4,591.32	24.77	-388.45	5.24	0.06	-0.02	-0.31
4,717.00	10.18	277.56	4,685.74	27.08	-405.65	4.26	0.49	-0.49	-0.19
4,811.00	9.37	277.30	4,778.37	29.15	-421.48	3.42	0.86	-0.86	-0.28
4,907.00	9.06	277.18	4,873.13	31.09	-436.73	2.66	0.32	-0.32	-0.13
5,002.00	8.87	276.80	4,966.97	32.89	-451.42	2.00	0.21	-0.20	-0.40
5,097.00	8.93	276.60	5,060.83	34.60	-466.02	1.41	0.07	0.06	-0.21
5,193.00	9.04	276.58	5,155.65	36.32	-480.91	0.85	0.11	0.11	-0.02



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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	10.13	275.13	5,250.31	37.94	-496.81	0.46	1.16	1.14	-1.51
5,384.00	9.82	272.24	5,343.87	39.01	-513.23	0.66	0.62	-0.33	-3.04
5,479.00	10.08	284.61	5,437.46	41.42	-529.37	-0.50	2.26	0.27	13.02
5,575.00	9.67	283.74	5,532.03	45.45	-545.33	-3.29	0.45	-0.43	-0.91
5,671.00	9.35	282.82	5,626.71	49.10	-560.77	-5.74	0.37	-0.33	-0.96
5,766.00	7.98	280.49	5,720.63	52.01	-574.78	-7.56	1.49	-1.44	-2.45
5,862.00	7.32	277.20	5,815.77	53.99	-587.40	-8.56	0.82	-0.69	-3.43
5,957.00	9.47	275.43	5,909.75	55.49	-601.18	-8.99	2.28	2.26	-1.86
6,053.00	8.97	275.02	6,004.51	56.89	-616.50	-9.21	0.53	-0.52	-0.43
6,148.00	8.17	272.35	6,098.45	57.82	-630.62	-9.05	0.94	-0.84	-2.81
6,244.00	7.81	269.06	6,193.52	57.99	-643.96	-8.19	0.61	-0.38	-3.43
6,339.00	7.66	266.41	6,287.65	57.49	-656.73	-6.70	0.41	-0.16	-2.79
6,435.00	8.29	265.13	6,382.72	56.50	-670.02	-4.70	0.68	0.66	-1.33
6,530.00	8.29	263.55	6,476.73	55.15	-683.65	-2.30	0.24	0.00	-1.66
6,625.00	7.99	261.30	6,570.77	53.38	-696.98	0.49	0.46	-0.32	-2.37
6,720.00	8.40	264.91	6,664.81	51.77	-710.42	3.14	0.69	0.43	3.80
6,810.00	8.47	267.00	6,753.83	50.84	-723.58	5.08	0.35	0.08	2.32
6,899.00	7.94	264.30	6,841.92	49.88	-736.24	7.01	0.74	-0.60	-3.03
6,989.00	7.22	263.19	6,931.13	48.60	-748.05	9.20	0.82	-0.80	-1.23
7,079.00	6.50	268.51	7,020.49	47.79	-758.75	10.82	1.07	-0.80	5.91
7,169.00	6.00	269.71	7,109.95	47.64	-768.55	11.74	0.57	-0.56	1.33
7,259.00	4.36	274.42	7,199.58	47.88	-776.67	12.12	1.88	-1.82	5.23
7,348.00	3.74	279.18	7,288.36	48.60	-782.90	11.88	0.79	-0.70	5.35
7,438.00	3.61	281.35	7,378.18	49.63	-788.58	11.30	0.21	-0.14	2.41
7,528.00	3.03	277.92	7,468.03	50.51	-793.71	10.81	0.68	-0.64	-3.81
7,617.00	2.70	277.74	7,556.91	51.12	-798.12	10.54	0.37	-0.37	-0.20
7,707.00	1.81	260.56	7,646.84	51.17	-801.62	10.76	1.23	-0.99	-19.09
7,797.00	1.26	250.38	7,736.81	50.60	-803.96	11.50	0.68	-0.61	-11.31
7,886.00	1.41	263.22	7,825.79	50.15	-805.97	12.12	0.37	0.17	14.43
7,976.00	2.55	271.05	7,915.73	50.05	-809.07	12.45	1.30	1.27	8.70
8,065.00	3.17	258.92	8,004.62	49.62	-813.46	13.22	0.97	0.70	-13.63
8,155.00	3.13	257.02	8,094.49	48.59	-818.30	14.62	0.12	-0.04	-2.11
8,244.00	2.98	253.91	8,183.36	47.40	-822.89	16.16	0.25	-0.17	-3.49
8,334.00	2.96	250.00	8,273.24	45.96	-827.32	17.94	0.23	-0.02	-4.34
8,424.00	3.26	259.34	8,363.11	44.69	-832.02	19.57	0.65	0.33	10.38
8,513.00	3.20	263.32	8,451.97	43.93	-836.97	20.70	0.26	-0.07	4.47
8,603.00	1.69	289.37	8,541.88	44.08	-840.72	20.84	2.04	-1.68	28.94
8,692.00	1.80	287.22	8,630.84	44.93	-843.29	20.20	0.14	0.12	-2.42
8,782.00	1.52	264.39	8,720.81	45.23	-845.83	20.09	0.79	-0.31	-25.37
8,872.00	1.50	208.42	8,810.78	44.08	-847.58	21.38	1.57	-0.02	-62.19
8,961.00	1.73	208.88	8,899.74	41.88	-848.78	23.66	0.26	0.26	0.52
9,051.00	1.66	200.25	8,989.70	39.46	-849.89	26.15	0.29	-0.08	-9.59
9,141.00	1.73	195.20	9,079.67	36.93	-850.70	28.74	0.18	0.08	-5.61



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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)
9,230.00	1.32	183.46	9,168.63	34.61	-851.11	31.09	0.58	-0.46	-13.19
9,320.00	1.52	168.70	9,258.61	32.40	-850.94	33.27	0.46	0.22	-16.40
9,410.00	1.65	177.36	9,348.57	29.94	-850.65	35.71	0.30	0.14	9.62
9,499.00	1.11	166.08	9,437.55	27.82	-850.38	37.80	0.68	-0.61	-12.67
9,589.00	1.27	182.93	9,527.53	25.98	-850.22	39.62	0.43	0.18	18.72
9,679.00	1.35	201.71	9,617.50	24.00	-850.67	41.63	0.48	0.09	20.87
9,768.00	1.27	209.75	9,706.48	22.17	-851.54	43.52	0.22	-0.09	9.03
9,858.00	1.49	204.66	9,796.45	20.24	-852.53	45.52	0.28	0.24	-5.66
9,947.00	1.89	196.67	9,885.42	17.78	-853.43	48.04	0.52	0.45	-8.98
9,984.00	1.99	194.56	9,922.39	16.58	-853.77	49.27	0.33	0.27	-5.70
10,058.00	2.22	190.47	9,996.34	13.92	-854.35	51.96	0.37	0.31	-5.53
10,153.00	7.83	186.50	10,090.94	5.68	-855.42	60.26	5.91	5.91	-4.18
10,248.00	19.07	186.59	10,183.19	-16.24	-857.94	82.31	11.83	11.83	0.09
10,344.00	27.51	182.68	10,271.29	-54.04	-860.78	120.21	8.93	8.79	-4.07
10,439.00	42.76	180.80	10,348.76	-108.52	-862.27	174.65	16.09	16.05	-1.98
10,534.00	61.40	182.84	10,406.88	-183.08	-864.81	249.19	19.69	19.62	2.15
10,629.00	70.15	177.56	10,445.85	-269.59	-864.97	335.45	10.51	9.21	-5.56
10,725.00	81.41	179.27	10,469.40	-362.46	-862.43	427.85	11.86	11.73	1.78
10,820.00	82.59	180.05	10,482.62	-456.54	-861.88	521.60	1.48	1.24	0.82
10,916.00	90.10	177.01	10,488.73	-552.23	-859.41	616.82	8.44	7.82	-3.17
11,011.00	87.99	179.91	10,490.32	-647.17	-856.86	711.28	3.77	-2.22	3.05
11,036.00	88.22	179.97	10,491.14	-672.15	-856.83	736.19	0.95	0.92	0.24
11,132.00	88.29	180.16	10,494.07	-768.11	-856.94	831.87	0.21	0.07	0.20
11,227.00	87.21	180.17	10,497.80	-863.03	-857.21	926.53	1.14	-1.14	0.01
11,322.00	88.66	182.72	10,501.22	-957.93	-859.61	1,021.33	3.09	1.53	2.68
11,417.00	89.13	183.92	10,503.05	-1,052.75	-865.11	1,116.29	1.36	0.49	1.26
11,512.00	90.70	185.97	10,503.19	-1,147.39	-873.30	1,211.28	2.72	1.65	2.16
11,607.00	92.21	184.84	10,500.78	-1,241.93	-882.24	1,306.23	1.99	1.59	-1.19
11,702.00	94.90	182.15	10,494.89	-1,336.56	-888.03	1,401.02	4.00	2.83	-2.83
11,797.00	94.13	177.38	10,487.41	-1,431.23	-887.64	1,495.38	5.07	-0.81	-5.02
11,893.00	89.83	176.77	10,484.09	-1,527.03	-882.74	1,590.51	4.52	-4.48	-0.64
11,988.00	88.42	175.79	10,485.54	-1,621.81	-876.58	1,684.54	1.81	-1.48	-1.03
12,083.00	87.18	175.98	10,489.19	-1,716.49	-869.77	1,778.42	1.32	-1.31	0.20
12,179.00	85.26	179.11	10,495.52	-1,812.18	-865.66	1,873.51	3.82	-2.00	3.26
12,274.00	90.03	180.35	10,499.42	-1,907.07	-865.21	1,968.08	5.19	5.02	1.31
12,369.00	90.17	181.00	10,499.26	-2,002.06	-866.33	2,062.88	0.70	0.15	0.68
12,459.00	90.67	182.43	10,498.60	-2,092.02	-869.03	2,152.77	1.68	0.56	1.59
12,549.00	89.16	180.05	10,498.73	-2,181.99	-870.97	2,242.62	3.13	-1.68	-2.64
12,639.00	88.35	179.72	10,500.69	-2,271.97	-870.79	2,332.32	0.97	-0.90	-0.37
12,729.00	87.52	180.39	10,503.93	-2,361.91	-870.88	2,422.00	1.18	-0.92	0.74
12,818.00	89.40	178.70	10,506.32	-2,450.86	-870.17	2,510.64	2.84	2.11	-1.90
12,908.00	90.87	178.68	10,506.11	-2,540.84	-868.12	2,600.18	1.63	1.63	-0.02
12,998.00	89.87	178.18	10,505.53	-2,630.80	-865.65	2,689.69	1.24	-1.11	-0.56

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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)
13,088.00	88.42	176.61	10,506.87	-2,720.69	-861.56	2,779.00	2.37	-1.61	-1.74
13,177.00	90.80	177.87	10,507.48	-2,809.58	-857.28	2,867.29	3.03	2.67	1.42
13,267.00	90.03	178.02	10,506.82	-2,899.52	-854.05	2,956.71	0.87	-0.86	0.17
13,357.00	90.70	176.75	10,506.25	-2,989.42	-849.94	3,046.03	1.60	0.74	-1.41
13,446.00	91.04	175.93	10,504.90	-3,078.23	-844.26	3,134.14	1.00	0.38	-0.92
13,536.00	91.34	176.55	10,503.03	-3,168.01	-838.36	3,223.20	0.77	0.33	0.69
13,625.00	91.04	175.84	10,501.18	-3,256.80	-832.46	3,311.27	0.87	-0.34	-0.80
13,715.00	91.01	177.13	10,499.57	-3,346.61	-826.94	3,400.39	1.43	-0.03	1.43
13,805.00	91.68	177.82	10,497.46	-3,436.50	-822.98	3,489.70	1.07	0.74	0.77
13,894.00	88.46	180.56	10,497.35	-3,525.47	-821.72	3,578.31	4.75	-3.62	3.08
13,984.00	88.73	181.81	10,499.56	-3,615.42	-823.58	3,668.14	1.42	0.30	1.39
14,073.00	88.52	181.38	10,501.69	-3,704.36	-826.06	3,757.01	0.54	-0.24	-0.48
14,163.00	88.12	183.45	10,504.33	-3,794.24	-829.85	3,846.91	2.34	-0.44	2.30
14,253.00	90.44	181.27	10,505.46	-3,884.14	-833.55	3,936.83	3.54	2.58	-2.42
14,342.00	90.10	180.43	10,505.04	-3,973.13	-834.87	4,025.66	1.02	-0.38	-0.94
14,432.00	90.00	180.28	10,504.97	-4,063.13	-835.43	4,115.43	0.20	-0.11	-0.17
14,522.00	90.57	180.27	10,504.52	-4,153.13	-835.86	4,205.19	0.63	0.63	-0.01
14,611.00	90.74	180.02	10,503.50	-4,242.12	-836.09	4,293.94	0.34	0.19	-0.28
14,701.00	90.44	178.46	10,502.57	-4,332.10	-834.89	4,383.56	1.77	-0.33	-1.73
14,790.00	89.90	178.75	10,502.31	-4,421.08	-832.72	4,472.10	0.69	-0.61	0.33
14,880.00	89.50	178.39	10,502.78	-4,511.05	-830.48	4,561.63	0.60	-0.44	-0.40
14,970.00	88.96	178.70	10,503.99	-4,601.01	-828.19	4,651.15	0.69	-0.60	0.34
15,060.00	91.68	179.73	10,503.49	-4,690.99	-826.96	4,740.77	3.23	3.02	1.14
15,149.00	92.11	180.21	10,500.54	-4,779.94	-826.91	4,829.45	0.72	0.48	0.54
15,239.00	92.62	181.02	10,496.83	-4,869.86	-827.88	4,919.18	1.06	0.57	0.90
15,329.00	92.21	181.06	10,493.04	-4,959.76	-829.51	5,008.94	0.46	-0.46	0.04
15,383.87	91.98	181.33	10,491.03	-5,014.59	-830.65	5,063.69	0.64	-0.42	0.48
CSL Sec 11 into 14 - 15383.87 MD 10491.03 TVD									
15,418.00	91.84	181.49	10,489.89	-5,048.69	-831.49	5,097.75	0.64	-0.42	0.48
15,508.00	92.45	182.35	10,486.52	-5,138.57	-834.50	5,187.60	1.17	0.68	0.96
15,597.00	91.91	179.91	10,483.14	-5,227.48	-836.26	5,276.38	2.81	-0.61	-2.74
15,687.00	90.30	179.33	10,481.40	-5,317.46	-835.66	5,366.05	1.90	-1.79	-0.64
15,777.00	90.60	179.72	10,480.70	-5,407.45	-834.91	5,455.72	0.55	0.33	0.43
15,867.00	90.40	179.93	10,479.91	-5,497.45	-834.64	5,545.42	0.32	-0.22	0.23
15,956.00	89.56	179.76	10,479.94	-5,586.45	-834.40	5,634.14	0.96	-0.94	-0.19
16,046.00	89.06	179.69	10,481.03	-5,676.44	-833.97	5,723.83	0.56	-0.56	-0.08
16,136.00	89.36	180.43	10,482.27	-5,766.43	-834.06	5,813.56	0.89	0.33	0.82
16,225.00	88.59	179.78	10,483.86	-5,855.42	-834.22	5,902.29	1.13	-0.87	-0.73
16,315.00	89.77	177.83	10,485.15	-5,945.38	-832.35	5,991.85	2.53	1.31	-2.17
16,404.00	89.26	177.83	10,485.90	-6,034.31	-828.98	6,080.25	0.57	-0.57	0.00
16,494.00	91.27	177.35	10,485.48	-6,124.23	-825.19	6,169.61	2.30	2.23	-0.53
16,583.00	91.54	177.71	10,483.30	-6,213.12	-821.36	6,257.94	0.51	0.30	0.40
16,673.00	91.74	178.06	10,480.73	-6,303.02	-818.04	6,347.32	0.45	0.22	0.39
16,762.00	90.23	179.03	10,479.20	-6,391.98	-815.78	6,435.83	2.02	-1.70	1.09



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,852.00	89.43	179.20	10,479.46	-6,481.96	-814.39	6,525.45	0.91	-0.89	0.19
16,941.00	90.17	179.08	10,479.77	-6,570.95	-813.05	6,614.07	0.84	0.83	-0.13
17,031.00	90.57	179.44	10,479.19	-6,660.94	-811.89	6,703.70	0.60	0.44	0.40
17,120.00	89.50	180.23	10,479.14	-6,749.94	-811.63	6,792.42	1.49	-1.20	0.89
17,209.00	88.49	179.75	10,480.70	-6,838.93	-811.62	6,881.13	1.26	-1.13	-0.54
17,299.00	90.34	179.83	10,481.62	-6,928.92	-811.29	6,970.83	2.06	2.06	0.09
17,389.00	90.03	180.18	10,481.33	-7,018.92	-811.30	7,060.56	0.52	-0.34	0.39
17,478.00	88.86	179.86	10,482.19	-7,107.91	-811.33	7,149.30	1.36	-1.31	-0.36
17,568.00	91.11	180.10	10,482.21	-7,197.90	-811.30	7,239.02	2.51	2.50	0.27
17,657.00	91.61	180.26	10,480.10	-7,286.88	-811.58	7,327.75	0.59	0.56	0.18
17,747.00	91.27	179.76	10,477.84	-7,376.85	-811.59	7,417.46	0.67	-0.38	-0.56
17,836.00	90.37	179.64	10,476.57	-7,465.84	-811.13	7,506.14	1.02	-1.01	-0.13
17,925.00	87.62	179.70	10,478.13	-7,554.81	-810.61	7,594.82	3.09	-3.09	0.07
18,015.00	86.47	179.36	10,482.77	-7,644.69	-809.88	7,684.37	1.33	-1.28	-0.38
18,104.00	86.91	177.11	10,487.91	-7,733.49	-807.14	7,772.70	2.57	0.49	-2.53
18,194.00	91.58	177.95	10,489.09	-7,823.38	-803.26	7,862.01	5.27	5.19	0.93
18,283.00	92.45	178.36	10,485.96	-7,912.27	-800.40	7,950.43	1.08	0.98	0.46
18,373.00	90.23	178.88	10,483.86	-8,002.22	-798.23	8,039.94	2.53	-2.47	0.58
18,462.00	89.63	178.65	10,483.97	-8,091.20	-796.31	8,128.50	0.72	-0.67	-0.26
18,552.00	89.53	179.15	10,484.63	-8,181.18	-794.59	8,218.08	0.57	-0.11	0.56
18,642.00	89.13	179.42	10,485.68	-8,271.16	-793.46	8,307.71	0.54	-0.44	0.30
18,731.00	88.69	179.15	10,487.37	-8,360.14	-792.35	8,396.34	0.58	-0.49	-0.30
18,821.00	89.70	179.64	10,488.64	-8,450.12	-791.40	8,485.98	1.25	1.12	0.54
18,911.00	88.99	179.65	10,489.66	-8,540.12	-790.85	8,575.67	0.79	-0.79	0.01
19,000.00	88.19	179.02	10,491.85	-8,629.08	-789.81	8,664.29	1.14	-0.90	-0.71
19,089.00	89.63	179.50	10,493.55	-8,718.06	-788.66	8,752.91	1.71	1.62	0.54
19,179.00	89.46	179.42	10,494.26	-8,808.05	-787.82	8,842.57	0.21	-0.19	-0.09
19,269.00	91.61	178.00	10,493.42	-8,898.01	-785.79	8,932.11	2.86	2.39	-1.58
19,358.00	91.04	177.44	10,491.36	-8,986.92	-782.25	9,020.48	0.90	-0.64	-0.63
19,448.00	92.08	179.82	10,488.91	-9,076.85	-780.10	9,109.98	2.88	1.16	2.64
19,537.00	91.44	178.87	10,486.18	-9,165.80	-779.08	9,198.59	1.29	-0.72	-1.07
19,627.00	89.63	180.50	10,485.34	-9,255.79	-778.59	9,288.27	2.71	-2.01	1.81
19,716.00	88.59	180.00	10,486.72	-9,344.78	-778.98	9,377.02	1.30	-1.17	-0.56
19,806.00	91.04	179.46	10,487.01	-9,434.77	-778.55	9,466.71	2.79	2.72	-0.60
19,895.00	90.84	181.05	10,485.55	-9,523.75	-778.95	9,555.46	1.80	-0.22	1.79
19,985.00	90.57	180.57	10,484.44	-9,613.74	-780.22	9,645.28	0.61	-0.30	-0.53
20,075.00	90.30	180.46	10,483.76	-9,703.73	-781.03	9,735.06	0.32	-0.30	-0.12
20,164.00	90.54	180.21	10,483.11	-9,792.73	-781.55	9,823.83	0.39	0.27	-0.28
20,254.00	90.67	180.80	10,482.16	-9,882.72	-782.34	9,913.62	0.67	0.14	0.66
20,343.00	91.98	181.47	10,480.10	-9,971.68	-784.10	10,002.45	1.65	1.47	0.75
20,432.00	89.26	181.63	10,479.14	-10,060.63	-786.51	10,091.32	3.06	-3.06	0.18
20,522.00	89.60	182.30	10,480.03	-10,150.57	-789.60	10,181.23	0.83	0.38	0.74
20,569.01	89.60	182.30	10,480.36	-10,197.54	-791.48	10,228.21	0.00	0.00	0.00

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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)
LTP 120 FSL - 20569.01 MD 10480.36 TVD									
20,584.00	89.60	182.30	10,480.47	-10,212.52	-792.09	10,243.19	0.00	0.00	0.00
Actual BH: 105.1 FSL 1481 FEL - 20584 MD 10480.47 TVD - Y-440543.75 X-659445.13 - 32.210555°N 103.951452°W									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
15,383.87	10,491.03	-5,014.59	-830.65	CSL Sec 11 into 14	
15,383.87	10,491.03	-5,014.59	-830.65	15383.87 MD 10491.03 TVD	
20,569.01	10,480.36	-10,197.54	-791.48	LTP 120 FSL	
20,569.01	10,480.36	-10,197.54	-791.48	20569.01 MD 10480.36 TVD	
20,584.00	10,480.47	-10,212.52	-792.09	Actual BH: 105.1 FSL 1481 FEL	
20,584.00	10,480.47	-10,212.52	-792.09	20584 MD 10480.47 TVD	
20,584.00	10,480.47	-10,212.52	-792.09	Y-440543.75 X-659445.13	
20,584.00	10,480.47	-10,212.52	-792.09	32.210555°N 103.951452°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 713H**

OH Wellbore

Design: As Drilled

Survey Report - Geographic

01 December, 2021



www.scientificdrilling.com





Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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 713H					
Well Position	+N/-S	0.00 usft	Northing:	450,755.51 usft	Latitude:	32.238618
	+E/-W	0.00 usft	Easting:	660,237.16 usft	Longitude:	-103.948774
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,102.80 usft	Ground Level:	3,076.80 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	184.42	

Survey Program	Date	12/1/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	20,584.00	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	450,755.51	660,237.16	32.238618	-103.948774
180.00	1.59	18.91	179.98	2.36	0.81	450,757.87	660,237.97	32.238624	-103.948771
276.00	1.69	8.20	275.94	5.02	1.44	450,760.53	660,238.61	32.238632	-103.948769
367.00	1.37	14.28	366.91	7.41	1.90	450,762.92	660,239.07	32.238638	-103.948767
522.00	1.78	352.46	521.85	11.59	2.04	450,767.10	660,239.21	32.238650	-103.948767
618.00	1.47	352.53	617.81	14.29	1.69	450,769.80	660,238.85	32.238657	-103.948768
713.00	0.81	347.60	712.79	16.15	1.39	450,771.66	660,238.55	32.238662	-103.948769
809.00	0.88	350.55	808.78	17.54	1.12	450,773.05	660,238.28	32.238666	-103.948770
904.00	0.64	154.02	903.78	17.78	1.23	450,773.29	660,238.40	32.238667	-103.948769
1,000.00	0.70	150.09	999.77	16.79	1.76	450,772.30	660,238.92	32.238664	-103.948768
1,095.00	0.36	152.34	1,094.77	16.03	2.19	450,771.54	660,239.35	32.238662	-103.948766
1,190.00	0.03	243.90	1,189.76	15.75	2.30	450,771.26	660,239.47	32.238661	-103.948766



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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	0.42	329.42	1,284.76	16.04	2.10	450,771.55	660,239.27	32.238662	-103.948767
1,381.00	0.81	329.49	1,380.76	16.93	1.58	450,772.44	660,238.74	32.238664	-103.948768
1,476.00	1.07	332.89	1,475.75	18.30	0.83	450,773.80	660,238.00	32.238668	-103.948771
1,572.00	1.05	333.53	1,571.73	19.88	0.03	450,775.39	660,237.20	32.238672	-103.948773
1,667.00	0.98	319.31	1,666.71	21.28	-0.88	450,776.78	660,236.28	32.238676	-103.948776
1,762.00	0.83	316.55	1,761.70	22.39	-1.89	450,777.90	660,235.28	32.238679	-103.948779
1,857.00	0.81	311.02	1,856.69	23.33	-2.87	450,778.84	660,234.30	32.238682	-103.948783
1,953.00	1.78	266.85	1,952.67	23.70	-4.87	450,779.20	660,232.30	32.238683	-103.948789
2,048.00	3.23	264.08	2,047.58	23.34	-9.00	450,778.85	660,228.16	32.238682	-103.948802
2,144.00	5.02	265.51	2,143.32	22.73	-15.88	450,778.24	660,221.29	32.238680	-103.948825
2,239.00	6.28	269.89	2,237.86	22.39	-25.22	450,777.90	660,211.95	32.238680	-103.948855
2,334.00	7.56	269.46	2,332.17	22.33	-36.67	450,777.83	660,200.50	32.238679	-103.948892
2,430.00	8.61	268.50	2,427.21	22.08	-50.16	450,777.59	660,187.00	32.238679	-103.948935
2,525.00	7.95	265.29	2,521.22	21.35	-63.82	450,776.86	660,173.35	32.238677	-103.948980
2,620.00	7.06	264.31	2,615.41	20.23	-76.18	450,775.74	660,160.99	32.238674	-103.949020
2,716.00	7.66	266.89	2,710.61	19.30	-88.44	450,774.81	660,148.73	32.238672	-103.949059
2,811.00	7.57	262.18	2,804.78	18.11	-100.96	450,773.62	660,136.21	32.238669	-103.949100
2,906.00	7.15	258.47	2,899.00	16.07	-112.95	450,771.58	660,124.22	32.238663	-103.949139
3,001.00	8.40	257.68	2,993.12	13.41	-125.52	450,768.92	660,111.65	32.238656	-103.949179
3,097.00	8.62	261.40	3,088.06	10.84	-139.49	450,766.35	660,097.69	32.238649	-103.949224
3,192.00	9.32	269.86	3,181.91	9.76	-154.22	450,765.27	660,082.96	32.238646	-103.949272
3,288.00	9.16	273.51	3,276.66	10.21	-169.62	450,765.71	660,067.56	32.238647	-103.949322
3,382.00	9.07	271.73	3,369.47	10.89	-184.49	450,766.40	660,052.68	32.238649	-103.949370
3,477.00	9.05	271.76	3,463.29	11.34	-199.45	450,766.85	660,037.73	32.238651	-103.949418
3,573.00	9.13	271.14	3,558.08	11.73	-214.61	450,767.24	660,022.57	32.238652	-103.949467
3,668.00	8.87	270.68	3,651.91	11.96	-229.47	450,767.47	660,007.71	32.238653	-103.949515
3,764.00	8.77	269.32	3,746.78	11.96	-244.19	450,767.47	659,993.00	32.238653	-103.949563
3,859.00	8.55	268.77	3,840.70	11.73	-258.49	450,767.24	659,978.69	32.238653	-103.949609
3,954.00	8.91	271.89	3,934.59	11.82	-272.90	450,767.33	659,964.28	32.238653	-103.949656
4,049.00	9.77	274.99	4,028.34	12.76	-288.29	450,768.27	659,948.90	32.238656	-103.949706
4,145.00	9.36	273.49	4,123.00	13.94	-304.19	450,769.45	659,933.00	32.238659	-103.949757
4,240.00	9.25	273.07	4,216.75	14.82	-319.53	450,770.33	659,917.66	32.238662	-103.949807
4,335.00	10.85	280.11	4,310.29	16.80	-335.96	450,772.31	659,901.23	32.238667	-103.949860
4,431.00	10.68	278.92	4,404.60	19.77	-353.64	450,775.28	659,883.55	32.238676	-103.949917
4,526.00	10.67	278.03	4,497.96	22.36	-371.04	450,777.87	659,866.15	32.238683	-103.949973
4,621.00	10.65	277.74	4,591.32	24.77	-388.45	450,780.28	659,848.74	32.238690	-103.950029
4,717.00	10.18	277.56	4,685.74	27.08	-405.65	450,782.59	659,831.54	32.238696	-103.950085
4,811.00	9.37	277.30	4,778.37	29.15	-421.48	450,784.66	659,815.72	32.238702	-103.950136
4,907.00	9.06	277.18	4,873.13	31.09	-436.73	450,786.59	659,800.47	32.238707	-103.950186
5,002.00	8.87	276.80	4,966.97	32.89	-451.42	450,788.40	659,785.78	32.238713	-103.950233
5,097.00	8.93	276.60	5,060.83	34.60	-466.02	450,790.11	659,771.18	32.238717	-103.950280
5,193.00	9.04	276.58	5,155.65	36.32	-480.91	450,791.83	659,756.29	32.238722	-103.950328
5,289.00	10.13	275.13	5,250.31	37.94	-496.81	450,793.45	659,740.39	32.238727	-103.950380
5,384.00	9.82	272.24	5,343.87	39.01	-513.23	450,794.51	659,723.97	32.238730	-103.950433
5,479.00	10.08	284.61	5,437.46	41.42	-529.37	450,796.93	659,707.83	32.238737	-103.950485
5,575.00	9.67	283.74	5,532.03	45.45	-545.33	450,800.96	659,691.87	32.238748	-103.950537
5,671.00	9.35	282.82	5,626.71	49.10	-560.77	450,804.61	659,676.44	32.238758	-103.950586
5,766.00	7.98	280.49	5,720.63	52.01	-574.78	450,807.52	659,662.43	32.238766	-103.950632
5,862.00	7.32	277.20	5,815.77	53.99	-587.40	450,809.50	659,649.81	32.238772	-103.950673
5,957.00	9.47	275.43	5,909.75	55.49	-601.18	450,811.00	659,636.03	32.238776	-103.950717
6,053.00	8.97	275.02	6,004.51	56.89	-616.50	450,812.40	659,620.71	32.238780	-103.950767
6,148.00	8.17	272.35	6,098.45	57.82	-630.62	450,813.32	659,606.59	32.238783	-103.950812
6,244.00	7.81	269.06	6,193.52	57.99	-643.96	450,813.50	659,593.25	32.238783	-103.950855
6,339.00	7.66	266.41	6,287.65	57.49	-656.73	450,812.99	659,580.48	32.238782	-103.950897
6,435.00	8.29	265.13	6,382.72	56.50	-670.02	450,812.01	659,567.20	32.238780	-103.950940



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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	8.29	263.55	6,476.73	55.15	-683.65	450,810.66	659,553.57	32.238776	-103.950984
6,625.00	7.99	261.30	6,570.77	53.38	-696.98	450,808.89	659,540.24	32.238771	-103.951027
6,720.00	8.40	264.91	6,664.81	51.77	-710.42	450,807.27	659,526.80	32.238767	-103.951070
6,810.00	8.47	267.00	6,753.83	50.84	-723.58	450,806.34	659,513.64	32.238765	-103.951113
6,899.00	7.94	264.30	6,841.92	49.88	-736.24	450,805.39	659,500.98	32.238762	-103.951154
6,989.00	7.22	263.19	6,931.13	48.60	-748.05	450,804.10	659,489.17	32.238759	-103.951192
7,079.00	6.50	268.51	7,020.49	47.79	-758.75	450,803.30	659,478.47	32.238757	-103.951227
7,169.00	6.00	269.71	7,109.95	47.64	-768.55	450,803.14	659,468.67	32.238756	-103.951258
7,259.00	4.36	274.42	7,199.58	47.88	-776.67	450,803.38	659,460.56	32.238757	-103.951285
7,348.00	3.74	279.18	7,288.36	48.60	-782.90	450,804.11	659,454.32	32.238759	-103.951305
7,438.00	3.61	281.35	7,378.18	49.63	-788.58	450,805.13	659,448.64	32.238762	-103.951323
7,528.00	3.03	277.92	7,468.03	50.51	-793.71	450,806.02	659,443.51	32.238764	-103.951340
7,617.00	2.70	277.74	7,556.91	51.12	-798.12	450,806.62	659,439.10	32.238766	-103.951354
7,707.00	1.81	260.56	7,646.84	51.17	-801.62	450,806.68	659,435.60	32.238766	-103.951365
7,797.00	1.26	250.38	7,736.81	50.60	-803.96	450,806.11	659,433.27	32.238765	-103.951373
7,886.00	1.41	263.22	7,825.79	50.15	-805.97	450,805.65	659,431.26	32.238763	-103.951379
7,976.00	2.55	271.05	7,915.73	50.05	-809.07	450,805.56	659,428.16	32.238763	-103.951389
8,065.00	3.17	258.92	8,004.62	49.62	-813.46	450,805.12	659,423.76	32.238762	-103.951404
8,155.00	3.13	257.02	8,094.49	48.59	-818.30	450,804.09	659,418.93	32.238759	-103.951419
8,244.00	2.98	253.91	8,183.36	47.40	-822.89	450,802.91	659,414.34	32.238756	-103.951434
8,334.00	2.96	250.00	8,273.24	45.96	-827.32	450,801.46	659,409.91	32.238752	-103.951449
8,424.00	3.26	259.34	8,363.11	44.69	-832.02	450,800.19	659,405.21	32.238749	-103.951464
8,513.00	3.20	263.32	8,451.97	43.93	-836.97	450,799.44	659,400.25	32.238747	-103.951480
8,603.00	1.69	289.37	8,541.88	44.08	-840.72	450,799.59	659,396.51	32.238747	-103.951492
8,692.00	1.80	287.22	8,630.84	44.93	-843.29	450,800.43	659,393.93	32.238750	-103.951500
8,782.00	1.52	264.39	8,720.81	45.23	-845.83	450,800.74	659,391.40	32.238750	-103.951508
8,872.00	1.50	208.42	8,810.78	44.08	-847.58	450,799.58	659,389.65	32.238747	-103.951514
8,961.00	1.73	208.88	8,899.74	41.88	-848.78	450,797.38	659,388.44	32.238741	-103.951518
9,051.00	1.66	200.25	8,989.70	39.46	-849.89	450,794.97	659,387.34	32.238735	-103.951522
9,141.00	1.73	195.20	9,079.67	36.93	-850.70	450,792.44	659,386.53	32.238728	-103.951524
9,230.00	1.32	183.46	9,168.63	34.61	-851.11	450,790.12	659,386.12	32.238721	-103.951526
9,320.00	1.52	168.70	9,258.61	32.40	-850.94	450,787.91	659,386.29	32.238715	-103.951525
9,410.00	1.65	177.36	9,348.57	29.94	-850.65	450,785.45	659,386.58	32.238708	-103.951524
9,499.00	1.11	166.08	9,437.55	27.82	-850.38	450,783.33	659,386.85	32.238703	-103.951523
9,589.00	1.27	182.93	9,527.53	25.98	-850.22	450,781.49	659,387.01	32.238697	-103.951523
9,679.00	1.35	201.71	9,617.50	24.00	-850.67	450,779.51	659,386.56	32.238692	-103.951524
9,768.00	1.27	209.75	9,706.48	22.17	-851.54	450,777.68	659,385.69	32.238687	-103.951527
9,858.00	1.49	204.66	9,796.45	20.24	-852.53	450,775.75	659,384.70	32.238682	-103.951530
9,947.00	1.89	196.67	9,885.42	17.78	-853.43	450,773.29	659,383.80	32.238675	-103.951533
9,984.00	1.99	194.56	9,922.39	16.58	-853.77	450,772.08	659,383.46	32.238672	-103.951534
10,058.00	2.22	190.47	9,996.34	13.92	-854.35	450,769.43	659,382.88	32.238664	-103.951536
10,153.00	7.83	186.50	10,090.94	5.68	-855.42	450,761.19	659,381.81	32.238642	-103.951540
10,248.00	19.07	186.59	10,183.19	-16.24	-857.94	450,739.27	659,379.29	32.238582	-103.951548
10,344.00	27.51	182.68	10,271.29	-54.04	-860.78	450,701.48	659,376.45	32.238478	-103.951558
10,439.00	42.76	180.80	10,348.76	-108.52	-862.27	450,647.00	659,374.96	32.238328	-103.951563
10,534.00	61.40	182.84	10,406.88	-183.08	-864.81	450,572.44	659,372.42	32.238123	-103.951572
10,629.00	70.15	177.56	10,445.85	-269.59	-864.97	450,485.94	659,372.26	32.237885	-103.951574
10,725.00	81.41	179.27	10,469.40	-362.46	-862.43	450,393.07	659,374.79	32.237630	-103.951567
10,820.00	82.59	180.05	10,482.62	-456.54	-861.88	450,299.01	659,375.35	32.237371	-103.951566
10,916.00	90.10	177.01	10,488.73	-552.23	-859.41	450,203.32	659,377.82	32.237108	-103.951559
11,011.00	87.99	179.91	10,490.32	-647.17	-856.86	450,108.39	659,380.37	32.236847	-103.951552
11,036.00	88.22	179.97	10,491.14	-672.15	-856.83	450,083.41	659,380.40	32.236779	-103.951552
11,132.00	88.29	180.16	10,494.07	-768.11	-856.94	449,987.46	659,380.29	32.236515	-103.951554
11,227.00	87.21	180.17	10,497.80	-863.03	-857.21	449,892.54	659,380.01	32.236254	-103.951556
11,322.00	88.66	182.72	10,501.22	-957.93	-859.61	449,797.65	659,377.62	32.235993	-103.951565



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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
11,417.00	89.13	183.92	10,503.05	-1,052.75	-865.11	449,702.84	659,372.12	32.235733	-103.951583
11,512.00	90.70	185.97	10,503.19	-1,147.39	-873.30	449,608.21	659,363.93	32.235473	-103.951611
11,607.00	92.21	184.84	10,500.78	-1,241.93	-882.24	449,513.67	659,354.99	32.235213	-103.951641
11,702.00	94.90	182.15	10,494.89	-1,336.56	-888.03	449,419.05	659,349.21	32.234953	-103.951661
11,797.00	94.13	177.38	10,487.41	-1,431.23	-887.64	449,324.39	659,349.60	32.234693	-103.951661
11,893.00	89.83	176.77	10,484.09	-1,527.03	-882.74	449,228.60	659,354.49	32.234429	-103.951646
11,988.00	88.42	175.79	10,485.54	-1,621.81	-876.58	449,133.82	659,360.65	32.234169	-103.951627
12,083.00	87.18	175.98	10,489.19	-1,716.49	-869.77	449,039.14	659,367.46	32.233908	-103.951606
12,179.00	85.26	179.11	10,495.52	-1,812.18	-865.66	448,943.46	659,371.57	32.233645	-103.951594
12,274.00	90.03	180.35	10,499.42	-1,907.07	-865.21	448,848.58	659,372.01	32.233384	-103.951594
12,369.00	90.17	181.00	10,499.26	-2,002.06	-866.33	448,753.60	659,370.90	32.233123	-103.951598
12,459.00	90.67	182.43	10,498.60	-2,092.02	-869.03	448,663.65	659,368.20	32.232876	-103.951608
12,549.00	89.16	180.05	10,498.73	-2,181.99	-870.97	448,573.69	659,366.25	32.232629	-103.951615
12,639.00	88.35	179.72	10,500.69	-2,271.97	-870.79	448,483.71	659,366.44	32.232381	-103.951616
12,729.00	87.52	180.39	10,503.93	-2,361.91	-870.88	448,393.78	659,366.35	32.232134	-103.951617
12,818.00	89.40	178.70	10,506.32	-2,450.86	-870.17	448,304.83	659,367.06	32.231890	-103.951616
12,908.00	90.87	178.68	10,506.11	-2,540.84	-868.12	448,214.86	659,369.11	32.231642	-103.951610
12,998.00	89.87	178.18	10,505.53	-2,630.80	-865.65	448,124.91	659,371.58	32.231395	-103.951603
13,088.00	88.42	176.61	10,506.87	-2,720.69	-861.56	448,035.02	659,375.67	32.231148	-103.951591
13,177.00	90.80	177.87	10,507.48	-2,809.58	-857.28	447,946.14	659,379.95	32.230904	-103.951578
13,267.00	90.03	178.02	10,506.82	-2,899.52	-854.05	447,856.21	659,383.18	32.230656	-103.951569
13,357.00	90.70	176.75	10,506.25	-2,989.42	-849.94	447,766.31	659,387.29	32.230409	-103.951557
13,446.00	91.04	175.93	10,504.90	-3,078.23	-844.26	447,677.51	659,392.97	32.230165	-103.951539
13,536.00	91.34	176.55	10,503.03	-3,168.01	-838.36	447,587.73	659,398.87	32.229918	-103.951521
13,625.00	91.04	175.84	10,501.18	-3,256.80	-832.46	447,498.96	659,404.77	32.229674	-103.951503
13,715.00	91.01	177.13	10,499.57	-3,346.61	-826.94	447,409.15	659,410.29	32.229427	-103.951486
13,805.00	91.68	177.82	10,497.46	-3,436.50	-822.98	447,319.27	659,414.25	32.229180	-103.951475
13,894.00	88.46	180.56	10,497.35	-3,525.47	-821.72	447,230.30	659,415.51	32.228936	-103.951471
13,984.00	88.73	181.81	10,499.56	-3,615.42	-823.58	447,140.36	659,413.65	32.228688	-103.951479
14,073.00	88.52	181.38	10,501.69	-3,704.36	-826.06	447,051.43	659,411.17	32.228444	-103.951488
14,163.00	88.12	183.45	10,504.33	-3,794.24	-829.85	446,961.56	659,407.38	32.228197	-103.951501
14,253.00	90.44	181.27	10,505.46	-3,884.14	-833.55	446,871.66	659,403.68	32.227950	-103.951514
14,342.00	90.10	180.43	10,505.04	-3,973.13	-834.87	446,782.68	659,402.36	32.227705	-103.951519
14,432.00	90.00	180.28	10,504.97	-4,063.13	-835.43	446,692.68	659,401.80	32.227458	-103.951522
14,522.00	90.57	180.27	10,504.52	-4,153.13	-835.86	446,602.69	659,401.37	32.227211	-103.951524
14,611.00	90.74	180.02	10,503.50	-4,242.12	-836.09	446,513.71	659,401.14	32.226966	-103.951526
14,701.00	90.44	178.46	10,502.57	-4,332.10	-834.89	446,423.73	659,402.34	32.226719	-103.951523
14,790.00	89.90	178.75	10,502.31	-4,421.08	-832.72	446,334.76	659,404.50	32.226474	-103.951517
14,880.00	89.50	178.39	10,502.78	-4,511.05	-830.48	446,244.80	659,406.75	32.226227	-103.951511
14,970.00	88.96	178.70	10,503.99	-4,601.01	-828.19	446,154.84	659,409.03	32.225979	-103.951505
15,060.00	91.68	179.73	10,503.49	-4,690.99	-826.96	446,064.87	659,410.27	32.225732	-103.951502
15,149.00	92.11	180.21	10,500.54	-4,779.94	-826.91	445,975.93	659,410.31	32.225488	-103.951503
15,239.00	92.62	181.02	10,496.83	-4,869.86	-827.88	445,886.02	659,409.35	32.225240	-103.951507
15,329.00	92.21	181.06	10,493.04	-4,959.76	-829.51	445,796.12	659,407.72	32.224993	-103.951513
15,383.87	91.98	181.33	10,491.03	-5,014.59	-830.65	445,741.30	659,406.57	32.224843	-103.951518
CSL Sec 11 into 14 - 15383.87 MD 10491.03 TVD									
15,418.00	91.84	181.49	10,489.89	-5,048.69	-831.49	445,707.20	659,405.74	32.224749	-103.951521
15,508.00	92.45	182.35	10,486.52	-5,138.57	-834.50	445,617.32	659,402.72	32.224502	-103.951531
15,597.00	91.91	179.91	10,483.14	-5,227.48	-836.26	445,528.42	659,400.97	32.224257	-103.951538
15,687.00	90.30	179.33	10,481.40	-5,317.46	-835.66	445,438.45	659,401.57	32.224010	-103.951537
15,777.00	90.60	179.72	10,480.70	-5,407.45	-834.91	445,348.46	659,402.31	32.223763	-103.951536
15,867.00	90.40	179.93	10,479.91	-5,497.45	-834.64	445,258.47	659,402.59	32.223515	-103.951536
15,956.00	89.56	179.76	10,479.94	-5,586.45	-834.40	445,169.48	659,402.83	32.223271	-103.951536
16,046.00	89.06	179.69	10,481.03	-5,676.44	-833.97	445,079.49	659,403.26	32.223023	-103.951536
16,136.00	89.36	180.43	10,482.27	-5,766.43	-834.06	444,989.51	659,403.17	32.222776	-103.951537



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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
16,225.00	88.59	179.78	10,483.86	-5,855.42	-834.22	444,900.53	659,403.00	32.222532	-103.951539
16,315.00	89.77	177.83	10,485.15	-5,945.38	-832.35	444,810.57	659,404.88	32.222284	-103.951534
16,404.00	89.26	177.83	10,485.90	-6,034.31	-828.98	444,721.65	659,408.25	32.222040	-103.951524
16,494.00	91.27	177.35	10,485.48	-6,124.23	-825.19	444,631.74	659,412.03	32.221793	-103.951513
16,583.00	91.54	177.71	10,483.30	-6,213.12	-821.36	444,542.86	659,415.87	32.221548	-103.951501
16,673.00	91.74	178.06	10,480.73	-6,303.02	-818.04	444,452.96	659,419.19	32.221301	-103.951492
16,762.00	90.23	179.03	10,479.20	-6,391.98	-815.78	444,364.01	659,421.45	32.221057	-103.951485
16,852.00	89.43	179.20	10,479.46	-6,481.96	-814.39	444,274.03	659,422.84	32.220809	-103.951482
16,941.00	90.17	179.08	10,479.77	-6,570.95	-813.05	444,185.05	659,424.17	32.220565	-103.951478
17,031.00	90.57	179.44	10,479.19	-6,660.94	-811.89	444,095.07	659,425.33	32.220317	-103.951476
17,120.00	89.50	180.23	10,479.14	-6,749.94	-811.63	444,006.07	659,425.59	32.220073	-103.951476
17,209.00	88.49	179.75	10,480.70	-6,838.93	-811.62	443,917.10	659,425.61	32.219828	-103.951477
17,299.00	90.34	179.83	10,481.62	-6,928.92	-811.29	443,827.11	659,425.94	32.219581	-103.951477
17,389.00	90.03	180.18	10,481.33	-7,018.92	-811.30	443,737.12	659,425.93	32.219333	-103.951478
17,478.00	88.86	179.86	10,482.19	-7,107.91	-811.33	443,648.13	659,425.90	32.219089	-103.951479
17,568.00	91.11	180.10	10,482.21	-7,197.90	-811.30	443,558.14	659,425.93	32.218841	-103.951480
17,657.00	91.61	180.26	10,480.10	-7,286.88	-811.58	443,469.18	659,425.65	32.218597	-103.951482
17,747.00	91.27	179.76	10,477.84	-7,376.85	-811.59	443,379.21	659,425.63	32.218349	-103.951483
17,836.00	90.37	179.64	10,476.57	-7,465.84	-811.13	443,290.23	659,426.10	32.218105	-103.951483
17,925.00	87.62	179.70	10,478.13	-7,554.81	-810.61	443,201.26	659,426.61	32.217860	-103.951482
18,015.00	86.47	179.36	10,482.77	-7,644.69	-809.88	443,111.39	659,427.35	32.217613	-103.951481
18,104.00	86.91	177.11	10,487.91	-7,733.49	-807.14	443,022.59	659,430.09	32.217369	-103.951473
18,194.00	91.58	177.95	10,489.09	-7,823.38	-803.26	442,932.72	659,433.96	32.217122	-103.951461
18,283.00	92.45	178.36	10,485.96	-7,912.27	-800.40	442,843.83	659,436.83	32.216878	-103.951453
18,373.00	90.23	178.88	10,483.86	-8,002.22	-798.23	442,753.89	659,438.99	32.216630	-103.951447
18,462.00	89.63	178.65	10,483.97	-8,091.20	-796.31	442,664.92	659,440.91	32.216386	-103.951442
18,552.00	89.53	179.15	10,484.63	-8,181.18	-794.59	442,574.94	659,442.64	32.216138	-103.951437
18,642.00	89.13	179.42	10,485.68	-8,271.16	-793.46	442,484.97	659,443.76	32.215891	-103.951435
18,731.00	88.69	179.15	10,487.37	-8,360.14	-792.35	442,395.99	659,444.87	32.215647	-103.951432
18,821.00	89.70	179.64	10,488.64	-8,450.12	-791.40	442,306.02	659,445.82	32.215399	-103.951430
18,911.00	88.99	179.65	10,489.66	-8,540.12	-790.85	442,216.03	659,446.38	32.215152	-103.951429
19,000.00	88.19	179.02	10,491.85	-8,629.08	-789.81	442,127.07	659,447.41	32.214907	-103.951427
19,089.00	89.63	179.50	10,493.55	-8,718.06	-788.66	442,038.11	659,448.56	32.214663	-103.951424
19,179.00	89.46	179.42	10,494.26	-8,808.05	-787.82	441,948.12	659,449.41	32.214415	-103.951423
19,269.00	91.61	178.00	10,493.42	-8,898.01	-785.79	441,858.16	659,451.43	32.214168	-103.951417
19,358.00	91.04	177.44	10,491.36	-8,986.92	-782.25	441,769.26	659,454.97	32.213924	-103.951407
19,448.00	92.08	179.82	10,488.91	-9,076.85	-780.10	441,679.34	659,457.12	32.213676	-103.951401
19,537.00	91.44	178.87	10,486.18	-9,165.80	-779.08	441,590.39	659,458.14	32.213432	-103.951398
19,627.00	89.63	180.50	10,485.34	-9,255.79	-778.59	441,500.41	659,458.64	32.213185	-103.951398
19,716.00	88.59	180.00	10,486.72	-9,344.78	-778.98	441,411.43	659,458.25	32.212940	-103.951400
19,806.00	91.04	179.46	10,487.01	-9,434.77	-778.55	441,321.45	659,458.67	32.212693	-103.951400
19,895.00	90.84	181.05	10,485.55	-9,523.75	-778.95	441,232.47	659,458.28	32.212448	-103.951402
19,985.00	90.57	180.57	10,484.44	-9,613.74	-780.22	441,142.49	659,457.00	32.212201	-103.951407
20,075.00	90.30	180.46	10,483.76	-9,703.73	-781.03	441,052.50	659,456.19	32.211953	-103.951411
20,164.00	90.54	180.21	10,483.11	-9,792.73	-781.55	440,963.51	659,455.67	32.211709	-103.951414
20,254.00	90.67	180.80	10,482.16	-9,882.72	-782.34	440,873.53	659,454.88	32.211461	-103.951417
20,343.00	91.98	181.47	10,480.10	-9,971.68	-784.10	440,784.58	659,453.12	32.211217	-103.951424
20,432.00	89.26	181.63	10,479.14	-10,060.63	-786.51	440,695.63	659,450.71	32.210972	-103.951433
20,522.00	89.60	182.30	10,480.03	-10,150.57	-789.60	440,605.70	659,447.63	32.210725	-103.951444
20,569.01	89.60	182.30	10,480.36	-10,197.54	-791.48	440,558.73	659,445.74	32.210596	-103.951450
LTP 120 FSL - 20569.01 MD 10480.36 TVD									
20,584.00	89.60	182.30	10,480.47	-10,212.52	-792.09	440,543.75	659,445.14	32.210555	-103.951453
Actual BH: 105.1 FSL 1481 FEL - 20584 MD 10480.47 TVD - Y-440543.75 X-659445.13 - 32.210555°N 103.951452°W									

Company:	Devon Energy	Local Co-ordinate Reference:	Well Mr. Potato Head 11-14 Fed Com 713H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Site:	Mr. Potato Head 11-14 Fed Com	MD Reference:	HP 265 3076.8 GL 26 KB @ 3102.80usft
Well:	Mr. Potato Head 11-14 Fed Com 713H	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)		
15,383.87	10,491.03	-5,014.59	-830.65	CSL Sec 11 into 14	
15,383.87	10,491.03	-5,014.59	-830.65	15383.87 MD 10491.03 TVD	
20,569.01	10,480.36	-10,197.54	-791.48	LTP 120 FSL	
20,569.01	10,480.36	-10,197.54	-791.48	20569.01 MD 10480.36 TVD	
20,584.00	10,480.47	-10,212.52	-792.09	Actual BH: 105.1 FSL 1481 FEL	
20,584.00	10,480.47	-10,212.52	-792.09	20584 MD 10480.47 TVD	
20,584.00	10,480.47	-10,212.52	-792.09	Y-440543.75 X-659445.13	
20,584.00	10,480.47	-10,212.52	-792.09	32.210555°N 103.951452°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.)		WELL API NO. 30-015-47270
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Devon Energy Production Company, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102		7. Lease Name or Unit Agreement Name Mr Potato Head 11-14 Fed Com
4. Well Location Unit Letter <u>A</u> : <u>300</u> feet from the <u>North</u> line and <u>666</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>		8. Well Number 713H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3076.8'		9. OGRID Number 6137
		10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP

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

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

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

2/1/22-4/4/22: MIRU WL & PT. TIH & ran CBL, found TOC @ 3940'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 10679'-20542', total 1444 holes. Frac totals 25,098,330# proppant, 30 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD w/ float collar 20553' MD/10480' TVD. CHC, FWB, ND BOP. RIH w/305 jts 2-7/8" L-80 tbg, set @ 10144'. 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@dmr.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 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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.		30-015-47270						
		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:						5. Lease Name or Unit Agreement Name				
☒ 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)						Mr Potato Head 11-14 Fed Com				
						6. Well Number:				
						713H				
7. Type of Completion:										
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator						9. OGRID				
Devon Energy Production Company, L.P.						6137				
10. Address of Operator						11. Pool name or Wildcat				
333 West Sheridan Avenue, Oklahoma City, OK 73102						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	666	East	Eddy
BH:	O	14	24S	29E		20	South	1484	East	Eddy
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		3076.8' GL	
10/19/21	12/1/21		12/4/21		4/4/22					
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
20584 MD, 10480 TVD			20,553 MD/10,480 TVD			Yes		CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
10679-20542, 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		428		17-1/2"		466 sx CI OTHER; circ 178 sx		
8-5/8"		32		10038		9-7/8"		923 sx CIC; circ 253 sx		
5-1/2"		20		20556		7-7/8"		1466 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		10144		
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
10679 - 20542, total 1444 holes						DEPT/INT/VAL				
						10679-20542				
						Acidize and frac in 49 stages. See detailed summary attached.				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
4/4/22		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
4/14/22	24			2423	5353	5377	2209.244738			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
psi	1394 psi									
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
Sold										
31. List Attachments										
Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude			NAD 1927 1983			
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature		Printed Name		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
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 329285

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 329285
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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

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

CONDITIONS

Action 329285

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 329285
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/18/2024