

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137	
		³ Reason for Filing Code/ Effective Date NW / 8/13/21	
⁴ API Number 30-015-47329	⁵ Pool Name ; PURPLE SAGE; WOLFCAMP (GAS)		⁶ Pool Code 98220
⁷ Property Code 328885	⁸ Property Name SHIRE 22 15 FEDERAL COM		⁹ Well Number 716H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	22	25S	31E		350	South	1885	West	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
C	15	25S	31E		20	North	2210	West	EDDY
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date 8/13/21	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
329657	Cotton Draw Midstream, L.L.C. 333 W. Sheridan Ave. Oklahoma City, OK 731702	GAS
020445	Plains Marketing P.O. Box 4648 Houston, TX 77210	Oil
371960	LUCID ENERGY DELAWARE, LLC 3100 Mckinnon St. Suite 800, Dallas TX 75201	GAS

IV. Well Completion Data

²¹ Spud Date 2/22/21	²² Ready Date 8/13/21	²³ TD 22175	²⁴ PBTD 22167.4 MD/ 11855.6 TVD	²⁵ Perforations 12100 - 22170	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	1114.2		850
9.625		8 5/8	11306.6		680
7.875		5.5	22170.2		2877
		Tubing: Tubing set: N/A			

V. Well Test Data

³¹ Date New Oil 8/21/21	³² Gas Delivery Date 8/21/21	³³ Test Date 8/21/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 2107 bbl	³⁹ Water 6236 bbl	⁴⁰ Gas 7470 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: Jenny Harms			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Specialist			Title: PETROLEUM SPECIALIST		
E-mail Address: jenny.harms@dvn.com			Approval Date: 5/13/2022		
Date: 10/8/2021		Phone: 405-552-6560			

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 30-015-47329	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code	⁵ Property Name SHIRE 22-15 FED COM	⁶ Well Number 716H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3339.2

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
N	22	25 S	31 E		350	SOUTH	1885	WEST	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
C	15	25 S	31 E		20	NORTH	2210	WEST	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. 15 LAT. = 32.1376857°N LONG. = 103.7743767°W NMSP EAST (FT) N = 414274.67 E = 714349.16 W/4 CORNER SEC. 15 LAT. = 32.1303992°N LONG. = 103.7744266°W NMSP EAST (FT) N = 411623.90 E = 714347.47 SECTION CORNER LAT. = 32.1230977°N LONG. = 103.7744128°W NMSP EAST (FT) N = 408967.74 E = 714365.52 W/4 CORNER SEC. 22 LAT. = 32.1158227°N LONG. = 103.7744447°W NMSP EAST (FT) N = 406321.16 E = 714369.37 SW CORNER SEC. 22 LAT. = 32.1085472°N LONG. = 103.7744766°W NMSP EAST (FT) N = 403674.44 E = 714373.22		N89°42'57"E 2652.44 FT N89°37'34"E 2664.18 FT N/4 CORNER SEC. 15 LAT. = 32.1376837°N LONG. = 103.7658094°W NMSP EAST (FT) N = 414287.82 E = 717000.99 BOTTOM OF HOLE LAT. = 32.1373994°N LONG. = 103.7670385°W NMSP EAST (FT) N = 414182.40 E = 716621.12 QUARTER CORNER LAT. = 32.1230874°N LONG. = 103.7659304°W NMSP EAST (FT) N = 408977.73 E = 714991.53 SECTION CORNER LAT. = 32.1231179°N LONG. = 103.7573247°W NMSP EAST (FT) N = 409002.97 E = 719655.63 E/4 CORNER SEC. 15 LAT. = 32.1304013°N LONG. = 103.7572709°W NMSP EAST (FT) N = 411652.64 E = 719658.11 E/4 CORNER SEC. 22 LAT. = 32.1158546°N LONG. = 103.7573421°W NMSP EAST (FT) N = 406360.67 E = 719664.36 SE CORNER SEC. 22 LAT. = 32.1085597°N LONG. = 103.7573438°W NMSP EAST (FT) N = 403706.91 E = 719678.01		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>Jenny Harms</i> 10-8-2021 Signature Date JENNY HARMS Printed Name JENNY.HARMS@DVN.COM E-mail Address	
AS-DRILLED SHIRE 22-15 FED COM 716H ELEV. = 3339.2' LAT. = 32.1095131°N (NAD83) LONG. = 103.7683856°W NMSP EAST (FT) N = 404035.65 E = 716257.31 FIRST TAKE POINT 435' FSL, 2274' FWL LAT. = 32.1097464°N LONG. = 103.7671283°W KICK OFF POINT 31' FSL, 2283' FWL LAT. = 32.1086360°N LONG. = 103.7671054°W SURFACE LOCATION LAT. = 32.1085528°N LONG. = 103.7659126°W NMSP EAST (FT) N = 403690.32 E = 717024.86		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. AUGUST 27, 2021 Date of Survey <i>Michael Mon F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 SURVEY NO. 7570A			

Intent ☐ As Drilled ☒

API # 30-015-47329		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: SHIRE 22-15 FED COM	Well Number 716H

Kick Off Point (KOP)

UL N	Section 22	Township 25S	Range 31E	Lot	Feet 31	From N/S SOUTH	Feet 2283	From E/W WEST	County EDDY
Latitude 32.1086360					Longitude 103.7671054			NAD 83	

First Take Point (FTP)

UL N	Section 22	Township 25S	Range 31E	Lot	Feet 435	From N/S SOUTH	Feet 2274	From E/W WEST	County EDDY
Latitude 32.1097464					Longitude 103.7671283			NAD 83	

Last Take Point (LTP)

UL C	Section 15	Township 25S	Range 31E	Lot	Feet 109	From N/S NORTH	Feet 2272	From E/W WEST	County EDDY
Latitude 32.1373857					Longitude 103.7670386			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)

Shire 22-15 Fed Com

Shire 22-15 Fed Com 716H

OH

Design: OH

Standard Survey Report

24 March, 2021





Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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

Site		Shire 22-15 Fed Com			
Site Position:		Northing:	404,045.55 usft	Latitude:	32.109517
From:	Map	Easting:	717,871.61 usft	Longitude:	-103.763172
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.30 °

Well		Shire 22-15 Fed Com 716H				
Well Position	+N/-S	0.00 usft	Northing:	404,035.65 usft	Latitude:	32.109513
	+E/-W	0.00 usft	Easting:	716,257.31 usft	Longitude:	-103.768386
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,339.20 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/11/2021	6.67	59.78	47,441.62581499

Design	OH				
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	2.05	

Survey Program	Date	3/24/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
178.00	22,117.00	Survey #1 - MWD (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
22,175.00	22,175.00	Survey #2 - Proj to TD (OH)	BLIND	OWSG BLIND	

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	
SHL (Shire 22-15 Fed Com 716H)										
178.00	0.30	129.40	178.00	-0.30	0.36	-0.28	0.17	0.17	0.00	
271.00	0.20	243.10	271.00	-0.52	0.40	-0.51	0.45	-0.11	122.26	
365.00	0.20	257.60	365.00	-0.63	0.10	-0.63	0.05	0.00	15.43	
459.00	0.10	288.80	459.00	-0.64	-0.14	-0.65	0.13	-0.11	33.19	
552.00	0.20	155.80	552.00	-0.76	-0.15	-0.77	0.30	0.11	-143.01	
646.00	0.10	245.30	646.00	-0.95	-0.16	-0.95	0.24	-0.11	95.21	
739.00	0.30	108.60	739.00	-1.06	0.00	-1.06	0.41	0.22	-146.99	
834.00	0.30	87.10	834.00	-1.13	0.48	-1.11	0.12	0.00	-22.63	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
927.00	0.30	123.30	926.99	-1.25	0.93	-1.21	0.20	0.00	38.92
1,021.00	0.50	124.80	1,020.99	-1.62	1.47	-1.56	0.21	0.21	1.60
1,172.00	1.00	94.80	1,171.98	-2.10	3.33	-1.98	0.41	0.33	-19.87
1,265.00	0.90	75.50	1,264.97	-1.99	4.84	-1.81	0.36	-0.11	-20.75
1,359.00	1.00	60.70	1,358.95	-1.40	6.27	-1.18	0.28	0.11	-15.74
1,453.00	1.00	64.50	1,452.94	-0.65	7.73	-0.37	0.07	0.00	4.04
1,547.00	1.10	62.80	1,546.92	0.12	9.27	0.45	0.11	0.11	-1.81
1,643.00	1.20	68.70	1,642.90	0.90	11.03	1.30	0.16	0.10	6.15
1,738.00	1.40	74.80	1,737.88	1.57	13.07	2.04	0.26	0.21	6.42
1,834.00	1.60	79.60	1,833.85	2.12	15.52	2.67	0.25	0.21	5.00
1,929.00	1.70	82.70	1,928.81	2.54	18.23	3.19	0.14	0.11	3.26
2,025.00	2.50	106.20	2,024.74	2.14	21.65	2.91	1.21	0.83	24.48
2,120.00	4.00	119.40	2,119.59	-0.07	26.53	0.88	1.75	1.58	13.89
2,215.00	5.50	120.00	2,214.26	-3.97	33.35	-2.78	1.58	1.58	0.63
2,311.00	7.00	120.30	2,309.69	-9.22	42.39	-7.70	1.56	1.56	0.31
2,407.00	7.70	121.50	2,404.90	-15.54	52.92	-13.63	0.75	0.73	1.25
2,502.00	8.40	123.30	2,498.96	-22.67	64.15	-20.36	0.78	0.74	1.89
2,598.00	8.20	123.90	2,593.96	-30.34	75.69	-27.61	0.23	-0.21	0.63
2,693.00	8.60	127.40	2,687.94	-38.43	86.96	-35.29	0.68	0.42	3.68
2,789.00	9.10	127.20	2,782.79	-47.38	98.71	-43.81	0.52	0.52	-0.21
2,884.00	8.80	123.10	2,876.64	-55.89	110.78	-51.89	0.74	-0.32	-4.32
2,980.00	9.90	119.30	2,971.36	-63.94	124.13	-59.45	1.31	1.15	-3.96
3,075.00	10.90	115.60	3,064.80	-71.82	139.35	-66.78	1.27	1.05	-3.89
3,170.00	11.10	108.20	3,158.06	-78.56	156.14	-72.91	1.50	0.21	-7.79
3,266.00	11.40	109.30	3,252.22	-84.58	173.87	-78.30	0.38	0.31	1.15
3,361.00	11.70	108.40	3,345.29	-90.72	191.88	-83.79	0.37	0.32	-0.95
3,457.00	11.90	103.30	3,439.27	-96.07	210.74	-88.46	1.11	0.21	-5.31
3,552.00	12.60	102.20	3,532.10	-100.52	230.40	-92.20	0.78	0.74	-1.16
3,647.00	12.40	110.60	3,624.86	-106.29	250.08	-97.27	1.92	-0.21	8.84
3,743.00	11.90	117.50	3,718.71	-114.49	268.51	-104.80	1.60	-0.52	7.19
3,838.00	11.20	126.60	3,811.80	-124.52	284.61	-114.24	2.05	-0.74	9.58
3,933.00	11.20	125.90	3,904.99	-135.43	299.49	-124.61	0.14	0.00	-0.74
4,029.00	11.60	126.60	3,999.09	-146.65	314.79	-135.28	0.44	0.42	0.73
4,124.00	11.20	128.30	4,092.22	-158.06	329.70	-146.15	0.55	-0.42	1.79
4,220.00	10.20	129.50	4,186.55	-169.25	343.57	-156.83	1.07	-1.04	1.25
4,315.00	9.30	131.00	4,280.18	-179.63	355.86	-166.77	0.98	-0.95	1.58
4,411.00	8.70	131.30	4,374.99	-189.52	367.17	-176.24	0.63	-0.63	0.31
4,507.00	8.60	130.80	4,469.90	-199.00	378.05	-185.32	0.13	-0.10	-0.52
4,602.00	8.30	130.70	4,563.87	-208.11	388.63	-194.05	0.32	-0.32	-0.11
4,698.00	7.80	129.70	4,658.92	-216.79	398.89	-202.36	0.54	-0.52	-1.04
4,794.00	7.40	129.00	4,754.08	-224.84	408.71	-210.05	0.43	-0.42	-0.73
4,889.00	6.90	128.40	4,848.34	-232.24	417.94	-217.11	0.53	-0.53	-0.63
4,984.00	6.50	126.70	4,942.69	-238.99	426.72	-223.55	0.47	-0.42	-1.79



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
5,080.00	6.50	123.10	5,038.08	-245.21	435.63	-229.44	0.42	0.00	-3.75
5,175.00	6.20	120.90	5,132.49	-250.78	444.54	-234.69	0.41	-0.32	-2.32
5,271.00	5.00	133.60	5,228.04	-256.33	452.01	-239.97	1.79	-1.25	13.23
5,366.00	4.20	146.60	5,322.73	-262.09	456.93	-245.55	1.38	-0.84	13.68
5,462.00	3.60	149.90	5,418.51	-267.63	460.37	-250.96	0.67	-0.63	3.44
5,557.00	2.90	166.60	5,513.36	-272.55	462.43	-255.80	1.23	-0.74	17.58
5,653.00	2.80	166.10	5,609.24	-277.19	463.55	-260.40	0.11	-0.10	-0.52
5,748.00	2.50	165.10	5,704.14	-281.44	464.64	-264.61	0.32	-0.32	-1.05
5,844.00	1.50	172.90	5,800.08	-284.71	465.34	-267.85	1.08	-1.04	8.13
5,939.00	0.80	186.00	5,895.06	-286.60	465.42	-269.74	0.78	-0.74	13.79
6,035.00	0.80	190.70	5,991.05	-287.93	465.23	-271.07	0.07	0.00	4.90
6,130.00	0.90	198.80	6,086.04	-289.29	464.86	-272.45	0.16	0.11	8.53
6,226.00	0.90	202.60	6,182.03	-290.70	464.33	-273.87	0.06	0.00	3.96
6,322.00	1.00	214.80	6,278.01	-292.08	463.56	-275.28	0.23	0.10	12.71
6,417.00	0.90	222.20	6,373.00	-293.31	462.59	-276.55	0.17	-0.11	7.79
6,513.00	1.10	223.00	6,468.99	-294.55	461.45	-277.82	0.21	0.21	0.83
6,608.00	1.40	215.50	6,563.96	-296.16	460.16	-279.48	0.36	0.32	-7.89
6,704.00	1.60	216.10	6,659.93	-298.20	458.69	-281.57	0.21	0.21	0.63
6,799.00	1.50	210.80	6,754.90	-300.34	457.27	-283.76	0.18	-0.11	-5.58
6,895.00	1.80	208.30	6,850.86	-302.74	455.91	-286.21	0.32	0.31	-2.60
6,990.00	1.90	203.70	6,945.81	-305.50	454.57	-289.01	0.19	0.11	-4.84
7,086.00	1.90	206.50	7,041.75	-308.38	453.22	-291.94	0.10	0.00	2.92
7,181.00	1.50	231.30	7,136.71	-310.57	451.55	-294.19	0.87	-0.42	26.11
7,277.00	0.80	262.60	7,232.69	-311.44	449.90	-295.12	0.95	-0.73	32.60
7,372.00	0.90	256.90	7,327.68	-311.69	448.52	-295.42	0.14	0.11	-6.00
7,467.00	0.90	249.60	7,422.67	-312.12	447.09	-295.90	0.12	0.00	-7.68
7,563.00	0.80	245.30	7,518.66	-312.67	445.78	-296.49	0.12	-0.10	-4.48
7,658.00	0.80	231.10	7,613.65	-313.36	444.66	-297.23	0.21	0.00	-14.95
7,754.00	0.70	234.60	7,709.64	-314.12	443.66	-298.02	0.11	-0.10	3.65
7,850.00	0.60	223.70	7,805.64	-314.82	442.83	-298.75	0.17	-0.10	-11.35
7,945.00	0.60	228.60	7,900.63	-315.51	442.12	-299.47	0.05	0.00	5.16
8,041.00	0.80	207.30	7,996.63	-316.44	441.43	-300.42	0.34	0.21	-22.19
8,136.00	0.80	205.30	8,091.62	-317.63	440.84	-301.63	0.03	0.00	-2.11
8,232.00	0.90	204.60	8,187.61	-318.92	440.24	-302.94	0.10	0.10	-0.73
8,328.00	0.90	219.10	8,283.59	-320.19	439.45	-304.24	0.24	0.00	15.10
8,423.00	1.00	212.30	8,378.58	-321.47	438.54	-305.55	0.16	0.11	-7.16
8,519.00	1.00	219.30	8,474.57	-322.83	437.56	-306.94	0.13	0.00	7.29
8,614.00	1.00	240.00	8,569.55	-323.88	436.32	-308.04	0.38	0.00	21.79
8,709.00	0.70	304.90	8,664.54	-323.96	435.13	-308.17	1.00	-0.32	68.32
8,805.00	1.40	326.80	8,760.53	-322.65	434.00	-306.89	0.83	0.73	22.81
8,901.00	1.60	316.60	8,856.50	-320.69	432.44	-304.99	0.35	0.21	-10.63
8,996.00	1.70	301.00	8,951.46	-319.00	430.32	-303.38	0.48	0.11	-16.42
9,091.00	1.60	295.40	9,046.42	-317.71	427.91	-302.17	0.20	-0.11	-5.89



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
9,187.00	1.60	296.40	9,142.38	-316.54	425.50	-301.09	0.03	0.00	1.04
9,282.00	1.30	282.00	9,237.35	-315.72	423.26	-300.36	0.49	-0.32	-15.16
9,378.00	1.20	265.20	9,333.33	-315.58	421.19	-300.29	0.39	-0.10	-17.50
9,473.00	1.60	307.10	9,428.30	-314.86	419.15	-299.64	1.12	0.42	44.11
9,569.00	2.00	323.10	9,524.25	-312.72	417.07	-297.57	0.67	0.42	16.67
9,664.00	2.00	323.00	9,619.20	-310.07	415.08	-295.00	0.00	0.00	-0.11
9,760.00	1.90	328.80	9,715.14	-307.37	413.25	-292.36	0.23	-0.10	6.04
9,855.00	1.90	341.90	9,810.09	-304.52	411.94	-289.57	0.46	0.00	13.79
9,950.00	1.20	8.70	9,905.05	-302.04	411.60	-287.10	1.04	-0.74	28.21
10,046.00	1.20	19.40	10,001.03	-300.10	412.09	-285.14	0.23	0.00	11.15
10,141.00	1.10	358.60	10,096.01	-298.25	412.40	-283.28	0.45	-0.11	-21.89
10,237.00	1.10	319.50	10,192.00	-296.63	411.77	-281.69	0.77	0.00	-40.73
10,333.00	1.20	296.90	10,287.98	-295.47	410.28	-280.58	0.48	0.10	-23.54
10,428.00	0.80	272.30	10,382.97	-295.00	408.73	-280.16	0.61	-0.42	-25.89
10,524.00	0.80	216.70	10,478.96	-295.51	407.66	-280.71	0.78	0.00	-57.92
10,619.00	1.10	198.00	10,573.94	-296.91	406.98	-282.13	0.45	0.32	-19.68
10,715.00	2.20	181.50	10,669.90	-299.63	406.65	-284.86	1.24	1.15	-17.19
10,810.00	2.40	187.00	10,764.83	-303.42	406.36	-288.67	0.31	0.21	5.79
10,906.00	1.90	201.20	10,860.76	-306.90	405.54	-292.17	0.76	-0.52	14.79
11,001.00	1.70	206.70	10,955.71	-309.63	404.33	-294.94	0.28	-0.21	5.79
11,096.00	1.70	217.70	11,050.67	-312.00	402.84	-297.37	0.34	0.00	11.58
11,191.00	1.70	219.20	11,145.63	-314.21	401.09	-299.64	0.05	0.00	1.58
11,253.00	1.90	223.60	11,207.60	-315.67	399.80	-301.14	0.39	0.32	7.10
11,313.00	2.10	234.40	11,267.56	-317.03	398.22	-302.55	0.71	0.33	18.00
11,409.00	2.40	237.50	11,363.49	-319.13	395.09	-304.77	0.34	0.31	3.23
KOP									
11,470.20	6.00	336.41	11,424.56	-316.89	392.73	-302.61	11.10	5.87	161.63
KOP (Shire 22-15 Fed Com 716H)									
11,504.00	9.60	344.30	11,458.05	-312.56	391.26	-298.34	11.10	10.66	23.34
11,600.00	22.70	353.70	11,550.07	-286.32	387.04	-272.27	13.87	13.65	9.79
11,682.66	33.40	2.48	11,622.95	-247.61	386.28	-233.61	13.84	12.94	10.63
100' FSL Crossing									
11,694.00	34.90	3.30	11,632.33	-241.25	386.60	-227.24	13.84	13.24	7.19
11,790.00	45.00	0.00	11,705.84	-179.73	388.18	-165.70	10.75	10.52	-3.44
11,886.00	53.50	357.80	11,768.45	-107.09	386.70	-93.17	9.02	8.85	-2.29
11,982.00	66.00	0.40	11,816.72	-24.34	385.52	-10.52	13.23	13.02	2.71
12,077.00	73.10	2.40	11,849.90	64.58	387.73	78.43	7.73	7.47	2.11
12,172.00	80.20	3.70	11,871.82	156.82	392.66	170.79	7.59	7.47	1.37
12,204.24	81.86	4.14	11,876.85	188.59	394.84	202.61	5.33	5.16	1.38
LP (Shire 22-15 Fed Com 716H)									
12,267.00	85.10	5.00	11,883.97	250.73	399.81	264.90	5.33	5.16	1.36
12,363.00	84.70	4.30	11,892.50	346.04	407.56	360.42	0.84	-0.42	-0.73
12,458.00	84.00	4.00	11,901.86	440.33	414.40	454.89	0.80	-0.74	-0.32
12,554.00	87.30	3.20	11,909.14	535.85	420.41	550.57	3.54	3.44	-0.83



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
12,649.00	91.00	1.90	11,910.55	630.73	424.64	645.54	4.13	3.89	-1.37
12,744.00	91.30	1.70	11,908.64	725.66	427.62	740.52	0.38	0.32	-0.21
12,839.00	88.10	358.50	11,909.14	820.63	427.79	835.44	4.76	-3.37	-3.37
12,935.00	87.60	357.80	11,912.74	916.52	424.69	931.14	0.90	-0.52	-0.73
13,030.00	87.40	357.80	11,916.88	1,011.36	421.05	1,025.79	0.21	-0.21	0.00
13,126.00	88.70	359.30	11,920.15	1,107.26	418.62	1,121.55	2.07	1.35	1.56
13,221.00	89.50	359.80	11,921.64	1,202.25	417.87	1,216.45	0.99	0.84	0.53
13,317.00	89.60	359.30	11,922.40	1,298.24	417.12	1,312.35	0.53	0.10	-0.52
13,412.00	89.80	359.00	11,922.89	1,393.23	415.71	1,407.23	0.38	0.21	-0.32
13,508.00	90.10	358.70	11,922.98	1,489.21	413.78	1,503.08	0.44	0.31	-0.31
13,603.00	90.10	358.10	11,922.81	1,584.17	411.13	1,597.89	0.63	0.00	-0.63
13,698.00	90.20	357.90	11,922.56	1,679.12	407.81	1,692.65	0.24	0.11	-0.21
13,794.00	91.80	359.60	11,920.89	1,775.07	405.72	1,788.47	2.43	1.67	1.77
13,890.00	93.00	1.20	11,916.87	1,870.98	406.39	1,884.34	2.08	1.25	1.67
13,985.00	92.20	0.80	11,912.56	1,965.87	408.04	1,979.22	0.94	-0.84	-0.42
14,081.00	91.10	0.30	11,909.79	2,061.82	408.97	2,075.15	1.26	-1.15	-0.52
14,176.00	88.30	358.40	11,910.29	2,156.80	407.89	2,170.03	3.56	-2.95	-2.00
14,271.00	87.20	357.50	11,914.02	2,251.66	404.49	2,264.71	1.50	-1.16	-0.95
14,367.00	87.00	357.80	11,918.88	2,347.46	400.56	2,360.30	0.38	-0.21	0.31
14,462.00	89.80	359.20	11,921.53	2,442.38	398.08	2,455.07	3.29	2.95	1.47
14,558.00	90.10	359.20	11,921.61	2,538.37	396.74	2,550.95	0.31	0.31	0.00
14,653.00	90.70	359.20	11,920.95	2,633.36	395.41	2,645.83	0.63	0.63	0.00
14,749.00	92.80	359.30	11,918.02	2,729.30	394.15	2,741.67	2.19	2.19	0.10
14,844.00	92.90	358.40	11,913.30	2,824.16	392.25	2,836.40	0.95	0.11	-0.95
14,940.00	89.40	356.60	11,911.37	2,920.03	388.06	2,932.06	4.10	-3.65	-1.88
15,036.00	89.20	359.00	11,912.54	3,015.95	384.38	3,027.78	2.51	-0.21	2.50
15,131.00	92.30	359.80	11,911.30	3,110.92	383.38	3,122.66	3.37	3.26	0.84
15,227.00	93.30	359.70	11,906.61	3,206.80	382.97	3,218.47	1.05	1.04	-0.10
15,322.00	91.80	2.30	11,902.38	3,301.68	384.62	3,313.34	3.16	-1.58	2.74
15,418.00	90.00	1.10	11,900.87	3,397.62	387.47	3,409.33	2.25	-1.88	-1.25
15,514.00	92.70	2.20	11,898.61	3,493.55	390.23	3,505.29	3.04	2.81	1.15
15,610.00	89.70	1.90	11,896.60	3,589.45	393.67	3,601.25	3.14	-3.13	-0.31
15,705.00	89.40	1.90	11,897.35	3,684.40	396.82	3,696.25	0.32	-0.32	0.00
15,801.00	89.80	1.40	11,898.02	3,780.36	399.58	3,792.25	0.67	0.42	-0.52
15,896.00	85.60	359.80	11,901.83	3,875.25	400.58	3,887.11	4.73	-4.42	-1.68
15,992.00	87.90	0.70	11,907.27	3,971.09	400.99	3,982.90	2.57	2.40	0.94
16,087.00	89.00	1.00	11,909.84	4,066.04	402.40	4,077.85	1.20	1.16	0.32
16,183.00	88.50	0.50	11,911.94	4,162.01	403.66	4,173.80	0.74	-0.52	-0.52
16,279.00	90.80	1.00	11,912.52	4,257.99	404.92	4,269.77	2.45	2.40	0.52
16,372.00	91.60	0.80	11,910.58	4,350.96	406.38	4,362.73	0.89	0.86	-0.22
16,465.00	92.20	1.50	11,907.49	4,443.89	408.24	4,455.66	0.99	0.65	0.75
16,557.00	92.20	1.30	11,903.96	4,535.79	410.49	4,547.59	0.22	0.00	-0.22
16,653.00	89.10	359.70	11,902.87	4,631.77	411.32	4,643.53	3.63	-3.23	-1.67
16,748.00	90.30	359.70	11,903.37	4,726.76	410.83	4,738.45	1.26	1.26	0.00



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
16,844.00	93.60	1.50	11,900.10	4,822.69	411.83	4,834.35	3.91	3.44	1.88
16,940.00	90.20	358.00	11,896.92	4,918.60	411.41	4,930.19	5.08	-3.54	-3.65
16,962.26	90.27	358.00	11,896.83	4,940.85	410.63	4,952.39	0.32	0.32	0.00
S22/15 Crossing									
17,035.00	90.50	358.00	11,896.34	5,013.54	408.09	5,024.95	0.32	0.32	0.00
17,131.00	89.40	359.30	11,896.42	5,109.51	405.83	5,120.77	1.77	-1.15	1.35
17,226.00	90.20	3.10	11,896.75	5,204.47	407.82	5,215.74	4.09	0.84	4.00
17,321.00	92.90	6.60	11,894.18	5,299.08	415.85	5,310.57	4.65	2.84	3.68
17,416.00	89.00	3.60	11,892.61	5,393.66	424.29	5,405.40	5.18	-4.11	-3.16
17,512.00	88.70	2.50	11,894.54	5,489.50	429.39	5,501.36	1.19	-0.31	-1.15
17,607.00	89.10	2.50	11,896.36	5,584.39	433.54	5,596.34	0.42	0.42	0.00
17,703.00	89.40	2.60	11,897.62	5,680.29	437.81	5,692.33	0.33	0.31	0.10
17,799.00	89.00	1.80	11,898.96	5,776.21	441.49	5,788.32	0.93	-0.42	-0.83
17,894.00	89.30	1.40	11,900.37	5,871.16	444.14	5,883.30	0.53	0.32	-0.42
17,990.00	90.50	1.30	11,900.53	5,967.13	446.41	5,979.29	1.25	1.25	-0.10
18,085.00	91.50	1.50	11,898.88	6,062.09	448.73	6,074.27	1.07	1.05	0.21
18,181.00	92.90	1.20	11,895.19	6,157.99	450.99	6,170.19	1.49	1.46	-0.31
18,276.00	92.40	1.10	11,890.80	6,252.87	452.89	6,265.08	0.54	-0.53	-0.11
18,372.00	88.50	359.50	11,890.04	6,348.84	453.39	6,361.01	4.39	-4.06	-1.67
18,468.00	87.50	359.50	11,893.39	6,444.78	452.56	6,456.85	1.04	-1.04	0.00
18,563.00	87.30	359.40	11,897.70	6,539.68	451.65	6,551.66	0.24	-0.21	-0.11
18,658.00	89.20	358.50	11,900.60	6,634.61	449.90	6,646.47	2.21	2.00	-0.95
18,753.00	90.50	357.80	11,900.85	6,729.56	446.84	6,741.25	1.55	1.37	-0.74
18,849.00	89.90	357.40	11,900.52	6,825.47	442.82	6,836.96	0.75	-0.63	-0.42
18,945.00	92.00	358.10	11,898.93	6,921.38	439.05	6,932.67	2.31	2.19	0.73
19,040.00	91.40	357.60	11,896.11	7,016.27	435.49	7,027.37	0.82	-0.63	-0.53
19,136.00	92.00	357.70	11,893.26	7,112.15	431.55	7,123.04	0.63	0.63	0.10
19,231.00	91.30	357.40	11,890.53	7,207.02	427.49	7,217.71	0.80	-0.74	-0.32
19,327.00	90.60	356.60	11,888.93	7,302.87	422.47	7,313.32	1.11	-0.73	-0.83
19,422.00	91.20	356.50	11,887.44	7,397.69	416.75	7,407.87	0.64	0.63	-0.11
19,517.00	92.70	357.00	11,884.21	7,492.48	411.37	7,502.41	1.66	1.58	0.53
19,613.00	93.40	357.00	11,879.10	7,588.21	406.35	7,597.90	0.73	0.73	0.00
19,708.00	89.80	358.20	11,876.45	7,683.07	402.38	7,692.56	3.99	-3.79	1.26
19,804.00	90.50	358.50	11,876.20	7,779.03	399.61	7,788.35	0.79	0.73	0.31
19,899.00	89.80	0.00	11,875.95	7,874.02	398.37	7,883.24	1.74	-0.74	1.58
19,995.00	88.70	0.00	11,877.21	7,970.01	398.37	7,979.17	1.15	-1.15	0.00
20,091.00	90.10	0.20	11,878.21	8,066.00	398.54	8,075.10	1.47	1.46	0.21
20,186.00	90.20	0.30	11,877.96	8,161.00	398.95	8,170.05	0.15	0.11	0.11
20,282.00	90.30	359.80	11,877.54	8,257.00	399.04	8,266.00	0.53	0.10	-0.52
20,377.00	91.10	0.00	11,876.38	8,351.99	398.87	8,360.92	0.87	0.84	0.21
20,472.00	92.10	0.00	11,873.73	8,446.95	398.87	8,455.82	1.05	1.05	0.00
20,568.00	91.50	0.20	11,870.71	8,542.90	399.04	8,551.72	0.66	-0.63	0.21
20,664.00	90.90	357.70	11,868.70	8,638.86	397.28	8,647.55	2.68	-0.63	-2.60



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 716H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.2' GE + 30' KB @ 3369.20usft
Well:	Shire 22-15 Fed Com 716H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
20,760.00	89.30	356.40	11,868.54	8,734.73	392.34	8,743.18	2.15	-1.67	-1.35
20,855.00	88.20	356.00	11,870.61	8,829.49	386.05	8,837.66	1.23	-1.16	-0.42
20,951.00	90.90	358.00	11,871.36	8,925.35	381.02	8,933.27	3.50	2.81	2.08
21,046.00	90.70	358.10	11,870.04	9,020.28	377.79	9,028.03	0.24	-0.21	0.11
21,142.00	91.70	358.60	11,868.03	9,116.22	375.03	9,123.80	1.16	1.04	0.52
21,238.00	91.20	358.70	11,865.60	9,212.16	372.77	9,219.60	0.53	-0.52	0.10
21,333.00	91.30	359.10	11,863.52	9,307.12	370.94	9,314.44	0.43	0.11	0.42
21,428.00	90.30	359.10	11,862.20	9,402.10	369.45	9,409.30	1.05	-1.05	0.00
21,523.00	91.40	359.30	11,860.79	9,497.08	368.12	9,504.17	1.18	1.16	0.21
21,619.00	91.40	359.10	11,858.44	9,593.04	366.78	9,600.02	0.21	0.00	-0.21
21,714.00	89.60	358.90	11,857.61	9,688.02	365.13	9,694.88	1.91	-1.89	-0.21
21,810.00	90.10	359.10	11,857.86	9,784.00	363.45	9,790.74	0.56	0.52	0.21
21,906.00	91.40	359.50	11,856.61	9,879.98	362.28	9,886.62	1.42	1.35	0.42
22,001.00	90.30	0.50	11,855.20	9,974.97	362.28	9,981.55	1.56	-1.16	1.05
22,097.00	89.80	0.70	11,855.12	10,070.97	363.28	10,077.52	0.56	-0.52	0.21
22,117.00	89.60	0.40	11,855.22	10,090.96	363.47	10,097.51	1.80	-1.00	-1.50
22,175.00	89.60	0.40	11,855.62	10,148.96	363.88	10,155.48	0.00	0.00	0.00
BHL - PBHL (Shire 22-15 Fed Com 716H)									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,409.00	11,363.49	-319.13	395.09	KOP
11,682.66	11,622.95	-247.61	386.28	100' FSL Crossing
16,962.26	11,896.83	4,940.85	410.63	S22/15 Crossing
22,175.00	11,855.62	10,148.96	363.88	BHL

Checked By: _____ Approved By: _____ Date: _____

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised August 1, 2011

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

WELL API NO.	30-015-47329
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SHIRE 22 15 FEDERAL COM	
8. Well Number	716H
9. OGRID Number	6137
10. Pool name or Wildcat ; PURPLE SAGE; WOLFCAMP (GAS)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3339.2	

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 N : 350 feet from the South line and 1885 feet from the West line Section 22 Township 25S Range 31E NMPM County EDDY	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: COMPLETION ☒

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.

7/17/2021-7/29/2021: MIRU WL & PT. PT csg to 11800 PSI for 30min, OK. TIH w/pump through frac plug and guns. Perf WOLFCAMP, 12100-22170 Frac totals 25126768# prop, 461445 bbl fluid, 94 bbls acid. DO plugs & CO to PBTD w/float collar 22167.4' MD/11855.6' TVD CHC, FWB, ND BOP. Tubing set: N/A TOP: 8/13/2021

RUSTLER-1160

SALT-1460

BASE OF SALT-4330

LAMAR-4330

BELL CANYON-4330

CHERRY CANYON-5295

Brushy Canyon-6650

1st Bone Spring Lime-8250

Bone Spring 1st-9330

Bone Spring 2nd-9950

3rd Bone Spring Lime-10440

Bone Spring 3rd-11215

Wolfcamp-11670

Strawn-14420

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 10/8/2021
 Type or print name Jenny Harms E-mail address: jenny.harms@dmn.com PHONE: 405-552-6560
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. 30-015-47329							
				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 SHIRE 22 15 FEDERAL COM			
								6. Well Number: 716H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER											
8. Name of Operator Devon Energy Production Company, L.P.								9. OGRID 6137			
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102								11. Pool name or Wildcat ; PURPLE SAGE; WOLFCAMP (GAS)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	N	22	25S	31E		350	South	1885	West	EDDY	
BH:	C	15	25S	31E		20	North	2210	West	EDDY	
13. Date Spudded 2/22/21	14. Date T.D. Reached 3/19/21		15. Date Rig Released 3/22/21			16. Date Completed (Ready to Produce) 8/13/21			17. Elevations (DF and RKB, RT, GR, etc.) 3339.2 GL		
18. Total Measured Depth of Well 22175 MD, 11855 TVD			19. Plug Back Measured Depth 22167.4 MD/ 11855.6 TVD			20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12100-22170, PURPLE SAGE; WOLFCAMP (GAS)											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13.375		54.5		1114.2		17.5		850			
8 5/8		32		11306.6		9.625		680			
5.5		20		22170.2		7.875		2877			
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD				
							SIZE		DEPTH SET	PACKER SET	
									Tubing set: N/A		
26. Perforation record (interval, size, and number) 12100 - 22170, total 1504 holes											
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12100-22170 Acidize and frac in 51 stages.											
28. PRODUCTION											
Date First Production 8/13/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)					Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 8/21/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2107	Gas - MCF 7470	Water - Bbl. 6236	Gas - Oil Ratio 3545				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)					
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold										30. Test Witnessed By	
31. List Attachments Directional Survey											
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 Jenny Harms		Title Regulatory Specialist		Date 10/8/2021					
E-mail Address jenny.harms@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 - 1160			
SALT - 1460			
BASE OF SALT - 4330			
LAMAR - 4330			
BELL CANYON - 4330			
CHERRY CANYON - 5295			
Brushy Canyon - 6650			
1st Bone Spring Lime - 8250			
Bone Spring 1st - 9330			
Bone Spring 2nd - 9950			
3rd Bone Spring Lime - 10440			
Bone Spring 3rd - 11215			
Wolfcamp - 11670			
Strawn - 14420			

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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District III

1000 Rio Brazos Rd., Aztec, NM 87410
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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 55397

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 55397
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 55397

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 55397
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	5/13/2022