

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 30-015-47327	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 616H

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
N	22	25S	31E		350	South	1855	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		103	North	1710	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				

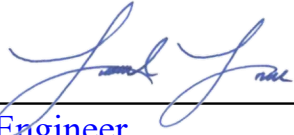
III. Oil and Gas Transporters

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 2/23/21	²² Ready Date 8/13/21	²³ TD 21910	²⁴ PBTD 21898.9 MD/11634 TVD	²⁵ Perforations 11900 - 21887	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1113.9	850		
9.625	8 5/8	11115.8	680		
7.875	5.5	21901.7	2630		
	Tubing: Tubing set: N/A	0			

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 1886 bbl	³⁹ Water 9699 bbl	⁴⁰ Gas 6693 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: 		
Title: Regulatory Specialist			Title: Petroleum Engineer		
E-mail Address: jenny.harms@dvN.com			Approval Date: 05/24/22		
Date: 9/20/2021		Phone: 405-552-6560	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.		

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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47327	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 328885	⁵ Property Name SHIRE 22-15 FED COM	⁶ Well Number 616H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3339.4

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	1855	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		103	NORTH	1710	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. Administrative Order NSP-2125
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 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. = 32.1376837°N LONG. = 103.7658094°W NMSP EAST (FT) N = 414180.57 E = 716058.69 LAST TAKE POINT 126' FNL, 1709' FWL LAT. = 32.1373394°N LONG. = 103.7688587°W QUARTER CORNER LAT. = 32.1230874°N LONG. = 103.7659304°W NMSP EAST (FT) N = 408977.73 E = 716991.53 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 SECTION CORNER LAT. = 32.1231179°N LONG. = 103.7573247°W NMSP EAST (FT) N = 409002.97 E = 719655.63 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> 10-12-2021 Signature Date JENNY HARMS Printed Name JENNY.HARMS@DVN.COM E-mail Address	
AS-DRILLED		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. JULY 27, 2021 Date of Survey <i>Imon E. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: 151409 NEW MEXICO LS 12797 SURVEY NO. 7569B			

Intent ☐ As Drilled ☒

API # 30-015-47327		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: SHIRE 22-15 FED COM	Well Number 616H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	22	25S	31E		72	SOUTH	1606	WEST	EDDY
Latitude 32.1087491					Longitude 103.7692889				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	22	25S	31E		497	SOUTH	1599	WEST	EDDY
Latitude 32.1099176					Longitude 103.7693079				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	15	25S	31E		126	NORTH	1709	WEST	EDDY
Latitude 32.1373394					Longitude 103.7688587				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 616H

OH

Design: OH

Standard Survey Report

07 April, 2021





Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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 616H					
Well Position	+N/-S	0.00 usft	Northing:	404,035.50 usft	Latitude:	32.109513
	+E/-W	0.00 usft	Easting:	716,227.32 usft	Longitude:	-103.768483
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,339.40 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/11/2021	6.67	59.78	47,441.61434177

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	359.05	

Survey Program	Date	4/7/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
115.00	21,853.00	Survey #1 - MWD (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
21,910.00	21,910.00	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 616H)										
115.00	0.90	245.20	115.00	-0.38	-0.82	-0.37	0.78	0.78	0.00	
209.00	1.50	245.90	208.97	-1.19	-2.61	-1.15	0.64	0.64	0.74	
303.00	1.80	248.80	302.94	-2.23	-5.11	-2.14	0.33	0.32	3.09	
396.00	1.80	249.30	395.89	-3.27	-7.84	-3.14	0.02	0.00	0.54	
490.00	1.50	242.20	489.85	-4.37	-10.31	-4.20	0.39	-0.32	-7.55	
583.00	1.00	237.00	582.83	-5.38	-12.07	-5.18	0.55	-0.54	-5.59	
677.00	0.90	249.00	676.82	-6.09	-13.44	-5.86	0.24	-0.11	12.77	
771.00	0.60	229.40	770.81	-6.67	-14.51	-6.43	0.42	-0.32	-20.85	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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)
865.00	0.90	216.60	864.80	-7.59	-15.32	-7.33	0.36	0.32	-13.62
958.00	0.80	236.00	957.79	-8.54	-16.30	-8.26	0.33	-0.11	20.86
1,049.00	1.00	233.10	1,048.78	-9.37	-17.46	-9.08	0.23	0.22	-3.19
1,173.00	1.00	249.30	1,172.76	-10.40	-19.33	-10.08	0.23	0.00	13.06
1,267.00	0.90	239.80	1,266.75	-11.06	-20.74	-10.71	0.20	-0.11	-10.11
1,360.00	1.00	230.80	1,359.73	-11.94	-22.00	-11.57	0.19	0.11	-9.68
1,454.00	1.00	223.60	1,453.72	-13.05	-23.20	-12.67	0.13	0.00	-7.66
1,549.00	1.10	212.40	1,548.70	-14.42	-24.26	-14.02	0.24	0.11	-11.79
1,644.00	1.30	203.20	1,643.68	-16.18	-25.17	-15.76	0.29	0.21	-9.68
1,740.00	1.40	187.70	1,739.66	-18.35	-25.76	-17.92	0.39	0.10	-16.15
1,835.00	1.40	171.40	1,834.63	-20.65	-25.74	-20.21	0.42	0.00	-17.16
1,930.00	1.20	154.10	1,929.60	-22.69	-25.13	-22.27	0.46	-0.21	-18.21
2,026.00	1.50	139.30	2,025.58	-24.54	-23.88	-24.14	0.48	0.31	-15.42
2,121.00	2.00	149.70	2,120.53	-26.92	-22.23	-26.55	0.62	0.53	10.95
2,217.00	2.80	158.70	2,216.45	-30.55	-20.53	-30.20	0.92	0.83	9.38
2,313.00	3.20	170.30	2,312.32	-35.38	-19.23	-35.05	0.76	0.42	12.08
2,408.00	3.80	188.70	2,407.14	-41.10	-19.26	-40.78	1.33	0.63	19.37
2,504.00	4.20	199.90	2,502.91	-47.55	-20.94	-47.20	0.91	0.42	11.67
2,600.00	4.80	210.40	2,598.62	-54.32	-24.17	-53.91	1.06	0.63	10.94
2,695.00	5.20	210.60	2,693.25	-61.45	-28.37	-60.97	0.42	0.42	0.21
2,790.00	4.70	204.90	2,787.90	-68.69	-32.20	-68.15	0.74	-0.53	-6.00
2,885.00	3.60	196.40	2,882.65	-75.08	-34.68	-74.50	1.32	-1.16	-8.95
2,981.00	3.00	198.20	2,978.49	-80.36	-36.31	-79.75	0.63	-0.63	1.88
3,076.00	2.50	186.10	3,073.38	-84.78	-37.31	-84.15	0.80	-0.53	-12.74
3,172.00	0.90	193.00	3,169.34	-87.60	-37.70	-86.96	1.68	-1.67	7.19
3,268.00	1.10	308.80	3,265.33	-87.76	-38.59	-87.10	1.77	0.21	120.63
3,363.00	2.10	312.00	3,360.29	-86.02	-40.60	-85.33	1.06	1.05	3.37
3,458.00	2.20	323.50	3,455.22	-83.39	-42.97	-82.66	0.47	0.11	12.11
3,553.00	1.50	4.30	3,550.18	-80.68	-43.96	-79.94	1.52	-0.74	42.95
3,649.00	1.60	99.40	3,646.16	-79.65	-42.55	-78.93	2.38	0.10	99.06
3,745.00	3.10	125.10	3,742.07	-81.36	-39.10	-80.70	1.87	1.56	26.77
3,840.00	3.40	133.10	3,836.92	-84.76	-34.94	-84.17	0.57	0.32	8.42
3,935.00	4.00	151.80	3,931.73	-89.61	-31.32	-89.08	1.41	0.63	19.68
4,030.00	4.80	174.10	4,026.45	-96.48	-29.35	-95.98	1.97	0.84	23.47
4,126.00	5.40	186.20	4,122.08	-104.97	-29.42	-104.47	1.28	0.63	12.60
4,221.00	5.40	202.80	4,216.66	-113.53	-31.64	-112.99	1.64	0.00	17.47
4,317.00	5.70	213.10	4,312.21	-121.69	-35.99	-121.08	1.08	0.31	10.73
4,412.00	6.60	216.70	4,406.66	-130.02	-41.83	-129.31	1.03	0.95	3.79
4,508.00	7.30	217.90	4,501.96	-139.26	-48.87	-138.43	0.74	0.73	1.25
4,604.00	7.10	217.80	4,597.20	-148.76	-56.26	-147.80	0.21	-0.21	-0.10
4,700.00	7.10	217.80	4,692.47	-158.13	-63.53	-157.06	0.00	0.00	0.00
4,795.00	6.90	217.30	4,786.76	-167.31	-70.59	-166.12	0.22	-0.21	-0.53
4,890.00	6.60	216.70	4,881.10	-176.23	-77.31	-174.92	0.32	-0.32	-0.63



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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)
4,986.00	6.70	216.30	4,976.45	-185.17	-83.92	-183.75	0.11	0.10	-0.42
5,081.00	6.80	214.80	5,070.79	-194.25	-90.41	-192.72	0.21	0.11	-1.58
5,177.00	6.60	214.00	5,166.14	-203.49	-96.74	-201.86	0.23	-0.21	-0.83
5,272.00	6.50	214.40	5,260.52	-212.45	-102.83	-210.72	0.12	-0.11	0.42
5,368.00	6.30	214.10	5,355.92	-221.30	-108.85	-219.46	0.21	-0.21	-0.31
5,464.00	6.10	212.70	5,451.36	-229.95	-114.56	-228.02	0.26	-0.21	-1.46
5,559.00	6.10	212.00	5,545.82	-238.48	-119.96	-236.46	0.08	0.00	-0.74
5,654.00	6.20	211.60	5,640.27	-247.13	-125.32	-245.01	0.11	0.11	-0.42
5,749.00	6.00	209.40	5,734.74	-255.83	-130.45	-253.62	0.32	-0.21	-2.32
5,845.00	5.70	214.80	5,830.24	-264.11	-135.63	-261.82	0.65	-0.31	5.63
5,941.00	5.50	221.60	5,925.78	-271.47	-141.41	-269.08	0.72	-0.21	7.08
6,036.00	4.70	233.90	6,020.41	-277.17	-147.58	-274.67	1.42	-0.84	12.95
6,132.00	4.30	236.70	6,116.11	-281.46	-153.76	-278.86	0.48	-0.42	2.92
6,228.00	3.60	248.20	6,211.88	-284.55	-159.57	-281.86	1.10	-0.73	11.98
6,323.00	3.30	263.50	6,306.71	-285.97	-165.06	-283.19	1.02	-0.32	16.11
6,418.00	3.30	262.80	6,401.56	-286.62	-170.49	-283.75	0.04	0.00	-0.74
6,514.00	3.40	262.20	6,497.39	-287.36	-176.05	-284.39	0.11	0.10	-0.63
6,610.00	3.30	260.50	6,593.23	-288.20	-181.59	-285.14	0.15	-0.10	-1.77
6,705.00	2.40	265.30	6,688.11	-288.81	-186.27	-285.68	0.98	-0.95	5.05
6,801.00	1.40	263.50	6,784.05	-289.11	-189.44	-285.92	1.04	-1.04	-1.88
6,896.00	1.40	264.60	6,879.03	-289.35	-191.75	-286.12	0.03	0.00	1.16
6,992.00	1.40	262.40	6,975.00	-289.62	-194.08	-286.35	0.06	0.00	-2.29
7,087.00	1.40	264.30	7,069.97	-289.89	-196.38	-286.58	0.05	0.00	2.00
7,183.00	1.50	266.10	7,165.94	-290.09	-198.80	-286.74	0.11	0.10	1.88
7,278.00	1.50	263.80	7,260.91	-290.31	-201.28	-286.92	0.06	0.00	-2.42
7,373.00	1.50	263.60	7,355.87	-290.58	-203.75	-287.15	0.01	0.00	-0.21
7,469.00	1.30	266.90	7,451.84	-290.78	-206.09	-287.31	0.22	-0.21	3.44
7,564.00	1.30	258.90	7,546.82	-291.04	-208.22	-287.54	0.19	0.00	-8.42
7,660.00	1.00	255.20	7,642.80	-291.47	-210.10	-287.94	0.32	-0.31	-3.85
7,755.00	1.00	249.20	7,737.79	-291.97	-211.68	-288.42	0.11	0.00	-6.32
7,851.00	1.00	237.20	7,833.77	-292.72	-213.16	-289.14	0.22	0.00	-12.50
7,947.00	1.00	233.30	7,929.76	-293.68	-214.54	-290.07	0.07	0.00	-4.06
8,042.00	1.00	224.60	8,024.74	-294.76	-215.79	-291.14	0.16	0.00	-9.16
8,138.00	1.00	220.60	8,120.73	-296.00	-216.92	-292.35	0.07	0.00	-4.17
8,234.00	1.00	228.50	8,216.71	-297.19	-218.09	-293.52	0.14	0.00	8.23
8,329.00	1.00	226.70	8,311.70	-298.31	-219.32	-294.62	0.03	0.00	-1.89
8,425.00	1.20	220.70	8,407.68	-299.64	-220.58	-295.94	0.24	0.21	-6.25
8,520.00	0.90	222.80	8,502.67	-300.94	-221.74	-297.22	0.32	-0.32	2.21
8,616.00	0.40	247.50	8,598.66	-301.63	-222.56	-297.89	0.59	-0.52	25.73
8,711.00	0.80	262.00	8,693.65	-301.85	-223.52	-298.09	0.45	0.42	15.26
8,806.00	0.90	274.90	8,788.64	-301.87	-224.92	-298.09	0.23	0.11	13.58
8,902.00	1.00	294.60	8,884.63	-301.46	-226.44	-297.66	0.35	0.10	20.52
8,997.00	1.70	297.10	8,979.60	-300.47	-228.44	-296.64	0.74	0.74	2.63



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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)
9,093.00	2.00	309.10	9,075.55	-298.77	-231.01	-294.89	0.51	0.31	12.50
9,188.00	1.90	315.10	9,170.50	-296.61	-233.41	-292.69	0.24	-0.11	6.32
9,284.00	1.50	310.20	9,266.46	-294.67	-235.49	-290.71	0.44	-0.42	-5.10
9,380.00	1.30	299.80	9,362.43	-293.32	-237.40	-289.33	0.34	-0.21	-10.83
9,475.00	1.50	303.30	9,457.40	-292.10	-239.37	-288.08	0.23	0.21	3.68
9,570.00	0.90	315.70	9,552.38	-290.88	-240.93	-286.84	0.68	-0.63	13.05
9,665.00	0.60	310.50	9,647.37	-290.03	-241.83	-285.97	0.32	-0.32	-5.47
9,761.00	1.00	318.80	9,743.36	-289.07	-242.77	-284.99	0.43	0.42	8.65
9,856.00	1.20	319.10	9,838.34	-287.69	-243.96	-283.60	0.21	0.21	0.32
9,952.00	1.30	321.10	9,934.32	-286.09	-245.31	-281.97	0.11	0.10	2.08
10,047.00	1.40	325.60	10,029.29	-284.29	-246.64	-280.15	0.15	0.11	4.74
10,142.00	1.20	322.10	10,124.27	-282.55	-247.90	-278.39	0.23	-0.21	-3.68
10,238.00	1.30	322.80	10,220.25	-280.89	-249.18	-276.71	0.11	0.10	0.73
10,334.00	1.00	311.60	10,316.23	-279.46	-250.47	-275.26	0.39	-0.31	-11.67
10,430.00	0.70	298.40	10,412.22	-278.63	-251.61	-274.41	0.37	-0.31	-13.75
10,525.00	0.40	302.90	10,507.21	-278.17	-252.40	-273.94	0.32	-0.32	4.74
10,620.00	0.30	53.60	10,602.21	-277.84	-252.47	-273.61	0.61	-0.11	116.53
10,716.00	0.30	141.90	10,698.21	-277.89	-252.12	-273.66	0.44	0.00	91.98
10,811.00	0.70	108.60	10,793.21	-278.27	-251.41	-274.06	0.50	0.42	-35.05
10,907.00	0.80	101.70	10,889.20	-278.60	-250.20	-274.40	0.14	0.10	-7.19
11,002.00	0.70	107.60	10,984.19	-278.91	-249.00	-274.73	0.13	-0.11	6.21
11,070.00	0.40	121.60	11,052.19	-279.16	-248.40	-274.99	0.48	-0.44	20.59
11,123.00	0.30	185.80	11,105.19	-279.39	-248.26	-275.23	0.72	-0.19	121.13
KOP									
11,218.00	2.60	344.30	11,200.16	-277.56	-248.87	-273.39	3.03	2.42	166.84
11,227.29	3.67	349.45	11,209.43	-277.07	-248.98	-272.89	11.87	11.49	55.42
KOP (Shire 22-15 Fed Com 616H)									
11,314.00	13.90	358.50	11,295.01	-263.90	-249.76	-259.71	11.87	11.80	10.44
11,358.64	18.50	356.42	11,337.87	-251.46	-250.34	-247.27	10.38	10.30	-4.65
100' FSL HL Crossing									
11,410.00	23.80	355.00	11,385.76	-232.99	-251.76	-228.78	10.38	10.33	-2.77
11,505.00	38.10	355.60	11,467.02	-184.42	-255.69	-180.15	15.06	15.05	0.63
11,601.00	49.00	357.10	11,536.49	-118.51	-259.81	-114.18	11.40	11.35	1.56
11,696.00	58.50	0.20	11,592.61	-42.02	-261.49	-37.67	10.34	10.00	3.26
11,791.00	66.30	2.60	11,636.60	42.07	-259.37	46.37	8.51	8.21	2.53
11,887.00	76.80	1.00	11,666.94	132.96	-256.55	137.20	11.05	10.94	-1.67
11,935.87	81.69	0.74	11,676.06	180.95	-255.82	185.18	10.01	10.00	-0.53
LP (Shire 22-15 Fed Com 616H)									
11,983.00	86.40	0.50	11,680.95	227.81	-255.32	232.02	10.01	10.00	-0.51
12,078.00	86.40	0.60	11,686.91	322.62	-254.41	326.80	0.11	0.00	0.11
12,173.00	87.40	0.60	11,692.05	417.47	-253.41	421.63	1.05	1.05	0.00
12,268.00	87.70	1.10	11,696.11	512.37	-252.01	516.49	0.61	0.32	0.53
12,364.00	89.50	1.40	11,698.45	608.32	-249.91	612.39	1.90	1.88	0.31
12,459.00	90.70	1.50	11,698.29	703.29	-247.51	707.30	1.27	1.26	0.11



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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)	
12,555.00	90.90	1.50	11,696.95	799.24	-245.00	803.21	0.21	0.21	0.00	
12,650.00	91.90	1.60	11,694.63	894.18	-242.43	898.08	1.06	1.05	0.11	
12,745.00	91.90	3.80	11,691.48	989.02	-237.95	992.83	2.31	0.00	2.32	
12,841.00	91.70	3.50	11,688.46	1,084.77	-231.85	1,088.48	0.38	-0.21	-0.31	
12,937.00	91.80	3.60	11,685.53	1,180.54	-225.90	1,184.14	0.15	0.10	0.10	
13,032.00	89.20	3.30	11,684.70	1,275.36	-220.19	1,278.84	2.75	-2.74	-0.32	
13,128.00	90.60	4.70	11,684.87	1,371.12	-213.49	1,374.48	2.06	1.46	1.46	
13,223.00	90.20	3.60	11,684.21	1,465.87	-206.62	1,469.10	1.23	-0.42	-1.16	
13,319.00	89.30	3.10	11,684.62	1,561.70	-201.01	1,564.83	1.07	-0.94	-0.52	
13,415.00	89.40	3.10	11,685.71	1,657.56	-195.82	1,660.58	0.10	0.10	0.00	
13,510.00	89.90	3.80	11,686.29	1,752.38	-190.10	1,755.30	0.91	0.53	0.74	
13,605.00	87.60	0.40	11,688.37	1,847.27	-186.62	1,850.12	4.32	-2.42	-3.58	
13,701.00	88.10	359.30	11,691.97	1,943.20	-186.87	1,946.04	1.26	0.52	-1.15	
13,796.00	88.60	359.30	11,694.70	2,038.16	-188.03	2,041.00	0.53	0.53	0.00	
13,892.00	89.30	359.30	11,696.46	2,134.13	-189.20	2,136.98	0.73	0.73	0.00	
13,988.00	90.90	0.40	11,696.30	2,230.13	-189.45	2,232.97	2.02	1.67	1.15	
14,083.00	91.30	0.20	11,694.47	2,325.11	-188.96	2,327.93	0.47	0.42	-0.21	
14,178.00	91.80	0.20	11,691.90	2,420.07	-188.63	2,422.88	0.53	0.53	0.00	
14,274.00	92.50	359.90	11,688.30	2,516.01	-188.54	2,518.79	0.79	0.73	-0.31	
14,369.00	89.80	0.00	11,686.39	2,610.98	-188.62	2,613.75	2.84	-2.84	0.11	
14,465.00	91.80	0.60	11,685.05	2,706.96	-188.12	2,709.71	2.18	2.08	0.63	
14,560.00	88.70	359.70	11,684.64	2,801.95	-187.87	2,804.68	3.40	-3.26	-0.95	
14,656.00	91.20	0.00	11,684.72	2,897.94	-188.12	2,900.67	2.62	2.60	0.31	
14,751.00	89.80	359.50	11,683.89	2,992.93	-188.54	2,995.65	1.56	-1.47	-0.53	
14,847.00	91.40	359.30	11,682.89	3,088.92	-189.54	3,091.64	1.68	1.67	-0.21	
14,942.00	90.00	358.30	11,681.73	3,183.89	-191.53	3,186.63	1.81	-1.47	-1.05	
15,038.00	90.20	358.60	11,681.56	3,279.85	-194.13	3,282.63	0.38	0.21	0.31	
15,133.00	89.40	358.20	11,681.89	3,374.81	-196.78	3,377.62	0.94	-0.84	-0.42	
15,229.00	89.40	358.70	11,682.90	3,470.77	-199.38	3,473.61	0.52	0.00	0.52	
15,325.00	90.90	359.00	11,682.65	3,566.75	-201.31	3,569.60	1.59	1.56	0.31	
15,420.00	93.20	359.90	11,679.25	3,661.68	-202.22	3,664.53	2.60	2.42	0.95	
15,516.00	91.30	0.70	11,675.48	3,757.60	-201.72	3,760.43	2.15	-1.98	0.83	
15,612.00	91.50	1.10	11,673.13	3,853.56	-200.21	3,856.35	0.47	0.21	0.42	
15,707.00	88.80	0.10	11,672.88	3,948.54	-199.21	3,951.31	3.03	-2.84	-1.05	
15,803.00	89.90	0.20	11,673.97	4,044.53	-198.96	4,047.28	1.15	1.15	0.10	
15,899.00	89.40	0.80	11,674.56	4,140.53	-198.12	4,143.25	0.81	-0.52	0.63	
15,994.00	90.90	2.60	11,674.31	4,235.48	-195.31	4,238.14	2.47	1.58	1.89	
16,089.00	88.80	1.50	11,674.56	4,330.41	-191.91	4,333.00	2.50	-2.21	-1.16	
16,185.00	91.00	2.30	11,674.73	4,426.35	-188.73	4,428.88	2.44	2.29	0.83	
16,281.00	89.40	1.60	11,674.39	4,522.29	-185.46	4,524.75	1.82	-1.67	-0.73	
16,374.00	90.10	1.80	11,674.80	4,615.25	-182.70	4,617.65	0.78	0.75	0.22	
16,467.00	88.50	2.30	11,675.93	4,708.18	-179.37	4,710.51	1.80	-1.72	0.54	
16,560.00	90.30	2.90	11,676.91	4,801.07	-175.16	4,803.32	2.04	1.94	0.65	
16,655.00	91.70	1.70	11,675.25	4,895.98	-171.34	4,898.15	1.94	1.47	-1.26	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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)
16,697.72	91.12	1.25	11,674.20	4,938.67	-170.24	4,940.82	1.71	-1.35	-1.04
S22/15 Crossing									
16,751.00	90.40	0.70	11,673.49	4,991.94	-169.33	4,994.06	1.71	-1.35	-1.04
16,846.00	90.80	0.20	11,672.50	5,086.93	-168.59	5,089.03	0.67	0.42	-0.53
16,942.00	91.00	0.20	11,670.99	5,182.92	-168.25	5,185.00	0.21	0.21	0.00
17,037.00	94.00	1.60	11,666.84	5,277.80	-166.76	5,279.84	3.48	3.16	1.47
17,133.00	87.80	0.20	11,665.34	5,373.73	-165.26	5,375.73	6.62	-6.46	-1.46
17,228.00	88.20	0.80	11,668.65	5,468.67	-164.43	5,470.64	0.76	0.42	0.63
17,323.00	89.40	1.10	11,670.64	5,563.63	-162.85	5,565.57	1.30	1.26	0.32
17,419.00	89.70	0.90	11,671.40	5,659.61	-161.18	5,661.51	0.38	0.31	-0.21
17,514.00	92.70	0.70	11,669.41	5,754.57	-159.85	5,756.43	3.16	3.16	-0.21
17,609.00	88.90	357.10	11,668.08	5,849.51	-161.68	5,851.39	5.51	-4.00	-3.79
17,705.00	87.50	356.40	11,671.10	5,945.31	-167.12	5,947.26	1.63	-1.46	-0.73
17,801.00	88.00	355.90	11,674.87	6,041.02	-173.56	6,043.07	0.74	0.52	-0.52
17,896.00	88.80	356.40	11,677.52	6,135.76	-179.93	6,137.91	0.99	0.84	0.53
17,992.00	90.00	356.60	11,678.52	6,231.58	-185.79	6,233.81	1.27	1.25	0.21
18,088.00	92.20	357.20	11,676.68	6,327.41	-190.98	6,329.71	2.38	2.29	0.63
18,183.00	91.20	358.60	11,673.86	6,422.30	-194.46	6,424.65	1.81	-1.05	1.47
18,279.00	89.30	359.30	11,673.44	6,518.28	-196.22	6,520.64	2.11	-1.98	0.73
18,374.00	89.50	359.00	11,674.44	6,613.27	-197.63	6,615.64	0.38	0.21	-0.32
18,470.00	90.70	359.20	11,674.27	6,709.25	-199.14	6,711.64	1.27	1.25	0.21
18,565.00	88.70	358.60	11,674.77	6,804.23	-200.96	6,806.63	2.20	-2.11	-0.63
18,660.00	88.30	358.20	11,677.25	6,899.16	-203.61	6,901.59	0.60	-0.42	-0.42
18,756.00	89.50	358.60	11,679.10	6,995.10	-206.29	6,997.56	1.32	1.25	0.42
18,851.00	90.70	358.90	11,678.93	7,090.08	-208.37	7,092.56	1.30	1.26	0.32
18,947.00	90.80	359.40	11,677.67	7,186.06	-209.79	7,188.55	0.53	0.10	0.52
19,042.00	91.00	359.60	11,676.18	7,281.04	-210.62	7,283.54	0.30	0.21	0.21
19,138.00	90.60	359.10	11,674.84	7,377.03	-211.71	7,379.53	0.67	-0.42	-0.52
19,233.00	91.30	359.60	11,673.27	7,472.01	-212.79	7,474.51	0.91	0.74	0.53
19,329.00	93.00	0.00	11,669.67	7,567.93	-213.12	7,570.43	1.82	1.77	0.42
19,424.00	91.70	0.40	11,665.77	7,662.85	-212.79	7,665.33	1.43	-1.37	0.42
19,519.00	90.60	359.30	11,663.86	7,757.83	-213.04	7,760.30	1.64	-1.16	-1.16
19,615.00	93.40	0.60	11,660.51	7,853.76	-213.12	7,856.22	3.22	2.92	1.35
19,711.00	89.70	359.60	11,657.92	7,949.71	-212.96	7,952.15	3.99	-3.85	-1.04
19,806.00	91.30	0.00	11,657.09	8,044.70	-213.29	8,047.13	1.74	1.68	0.42
19,902.00	89.80	0.60	11,656.17	8,140.69	-212.79	8,143.10	1.68	-1.56	0.63
19,997.00	88.80	359.50	11,657.33	8,235.68	-212.70	8,238.08	1.56	-1.05	-1.16
20,093.00	89.40	359.50	11,658.84	8,331.66	-213.54	8,334.06	0.63	0.63	0.00
20,189.00	90.80	359.70	11,658.67	8,427.66	-214.21	8,430.06	1.47	1.46	0.21
20,284.00	91.10	359.70	11,657.09	8,522.64	-214.71	8,525.04	0.32	0.32	0.00
20,379.00	91.20	359.40	11,655.19	8,617.62	-215.45	8,620.01	0.33	0.11	-0.32
20,475.00	92.00	359.00	11,652.51	8,713.57	-216.79	8,715.97	0.93	0.83	-0.42
20,570.00	90.90	1.50	11,650.10	8,808.53	-216.38	8,810.91	2.87	-1.16	2.63



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Shire 22-15 Fed Com 616H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Site:	Shire 22-15 Fed Com	MD Reference:	3339.4' GE + 30' KB @ 3369.40usft
Well:	Shire 22-15 Fed Com 616H	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)	
20,665.00	88.60	2.10	11,650.52	8,903.48	-213.39	8,905.80	2.50	-2.42	0.63	
20,762.00	90.90	2.60	11,650.94	9,000.39	-209.42	9,002.63	2.43	2.37	0.52	
20,858.00	89.10	1.30	11,650.94	9,096.33	-206.15	9,098.50	2.31	-1.88	-1.35	
20,953.00	89.50	1.40	11,652.10	9,191.30	-203.91	9,193.41	0.43	0.42	0.11	
21,049.00	89.60	0.80	11,652.85	9,287.27	-202.07	9,289.35	0.63	0.10	-0.63	
21,144.00	92.10	2.00	11,651.44	9,382.23	-199.75	9,384.25	2.92	2.63	1.26	
21,240.00	92.00	2.10	11,648.01	9,478.10	-196.32	9,480.06	0.15	-0.10	0.10	
21,335.00	92.10	3.30	11,644.61	9,572.94	-191.85	9,574.80	1.27	0.11	1.26	
21,430.00	91.70	2.80	11,641.46	9,667.75	-186.79	9,669.52	0.67	-0.42	-0.53	
21,526.00	90.00	2.50	11,640.04	9,763.63	-182.36	9,765.31	1.80	-1.77	-0.31	
21,622.00	90.30	2.20	11,639.79	9,859.55	-178.42	9,861.15	0.44	0.31	-0.31	
21,717.00	90.60	1.70	11,639.04	9,954.49	-175.19	9,956.03	0.61	0.32	-0.53	
21,812.00	91.30	1.80	11,637.47	10,049.43	-172.29	10,050.91	0.74	0.74	0.11	
21,853.00	92.60	2.20	11,636.07	10,090.38	-170.86	10,091.83	3.32	3.17	0.98	
21,910.00	92.60	2.20	11,633.48	10,147.28	-168.67	10,148.69	0.00	0.00	0.00	
BHL - PBHL (Shire 22-15 Fed Com 616H)										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
11,123.00	11,105.19	-279.39	-248.26	KOP	
11,358.64	11,337.87	-251.46	-250.34	100' FSL HL Crossing	
16,697.72	11,674.20	4,938.67	-170.24	S22/15 Crossing	
21,910.00	11,633.48	10,147.28	-168.67	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

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

Form C-103
 Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		WELL API NO. 30-015-47327
2. Name of Operator Devon Energy Production Company, L.P.		5. Indicate Type of Lease STATE ☐ FEE ☐
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>N</u> : <u>350</u> feet from the <u>South</u> line and <u>1855</u> feet from the <u>West</u> line Section <u>22</u> Township <u>25S</u> Range <u>31E</u> NMPM County <u>EDDY</u>		7. Lease Name or Unit Agreement Name SHIRE 22 15 FEDERAL COM
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3339.4		8. Well Number 616H
		9. OGRID Number 6137
		10. Pool name or Wildcat ; PURPLE SAGE; WOLFCAMP (GAS)

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: ☐

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 11500 PSI for 30min, OK. TIH w/pump through frac plug and guns. Perf WOLFCAMP, 11900-21887 Frac totals 25114768# prop, 456039 bbl fluid, 38 bbls acid. DO plugs & CO to PBTD w/float collar 21898.9' MD/11634' 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 9/20/2021

Type or print name Jenny Harms E-mail address: jenny.harms@dmn.com PHONE: 405-552-6560

For State Use Only
 Jenny Harms

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.		30-015-47327						
		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: 616H				
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 (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	1855	West	EDDY
BH:	C	15	25S	31E		103	North	1710	West	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.)		3339.4 GL		
2/23/21	4/1/21	4/4/21		8/13/21						
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
21910 MD, 11633 TVD			21898.9 MD/11634 TVD			Yes				
22. Producing Interval(s), of this completion - Top, Bottom, Name										
11900-21887, 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		1113.9		17.5		850		
8 5/8		32		11115.8		9.625		680		TOC @ 200
5.5		20		21901.7		7.875		2630		
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)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
11900 - 21887, total 1504 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11900-21887		Acidize and frac in 51 stages.		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
8/13/21						Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
8/21/21	24			1886	6693	9699	3548			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
Sold										
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	9/20/2021		
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 N/A 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 55391

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 55391
	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 55391

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 55391
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	5/24/2022