

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 / 9/16/20
⁴ API Number 30-025-46249	⁵ Pool Name Sand Dunes; Bone Spring	⁶ Pool Code 53800
⁷ Property Code 327016 325954	⁸ Property Name Purrito 18 Fed Com	⁹ Well Number 213H

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	18	23S	32E		71	North	1196	East	Lea

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
O	18	23S	32E		117	South	2072	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/16/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

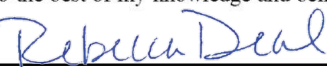
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
371960	Lucid Energy Delaware, LLC 3100 McKinnon St., Ste. 800, Dallas, TX 75201	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 1/1/20	²² Ready Date 9/16/20	²³ TD 15,070'	²⁴ PBDT 15,043'	²⁵ Perforations 10823 - 15045	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1017'	1050 sx CIC; Circ 543 sx		
12.25	9.625	8912'	1630 sx CIC; Circ 0 sx		
8.75 & 8.5	5.5	15,060'	1130 sx CIC; Circ 345 sx		
	Tubing: 2-7/8"	10,012'	Squeeze - 1725 sx CIC		

V. Well Test Data

³¹ Date New Oil 10/6/20	³² Gas Delivery Date 10/6/20	³³ Test Date 10/6/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0 psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 966 bbl	³⁹ Water 2138 bbl	⁴⁰ Gas 1354 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: Rebecca Deal			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: Rebecca.Deal@dmn.com			Approval Date: 6/28/2021		
Date: 10/12/2020		Phone: 405-228-8429			

Devon

SURVEY REPORT

Purrito 18 Fed Com 213H

Patterson 575

I, Deanna Jacobs, certify the surveys supplied on
Purrito 18 Fed Com 213H are correct and accurate to the best of my
knowledge and are supported by actual field data.

Deanna Jacobs

Date: 6/25/2020



The **Ultimate Partner** In Wellbore Placement



Devon Energy

Lea County, NM (NAD83 NME)

Purrito 18 Fed Com

#213H

OH

Design: As Drilled

Standard Survey Report

25 June, 2020



www.scientificdrilling.com





Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Project	Lea 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	Purrito 18 Fed Com		
Site Position:		Northing:	477,640.29 usft
From:	Map	Easting:	734,189.34 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.311562
		Longitude:	-103.709092
		Grid Convergence:	0.33 °

Well	#213H		
Well Position	+N/-S	0.00 usft	Northing: 477,640.29 usft
	+E/-W	0.00 usft	Easting: 734,189.34 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32.311562
		Longitude:	-103.709092
		Ground Level:	3,571.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM_FILE	11/14/2019	6.72
			Dip Angle (°)
			60.02
			Field Strength (nT)
			47,937.60000000

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)
	0.00	0.00	0.00
			Direction (°)
			188.21

Survey Program	Date 6/25/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
144.00	15,070.00	SDI Survey #1 (OH)	MWD+IFR1+MS
			Description
			MWD + IFR1 + Multi-Station Correction

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
144.00	0.30	353.25	144.00	0.37	-0.04	-0.36	0.21	0.21	0.00
204.00	0.27	337.31	204.00	0.66	-0.12	-0.64	0.14	-0.05	-26.57
294.00	0.30	332.08	294.00	1.06	-0.31	-1.01	0.04	0.03	-5.81
386.00	0.34	339.12	386.00	1.53	-0.52	-1.44	0.06	0.04	7.65
476.00	0.36	344.96	475.99	2.06	-0.69	-1.94	0.05	0.02	6.49
567.00	0.50	325.48	566.99	2.66	-0.99	-2.49	0.22	0.15	-21.41
657.00	0.54	330.37	656.99	3.35	-1.42	-3.11	0.07	0.04	5.43
747.00	0.63	322.53	746.98	4.11	-1.93	-3.79	0.13	0.10	-8.71
838.00	0.69	316.90	837.98	4.91	-2.61	-4.49	0.10	0.07	-6.19



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
929.00	0.81	323.98	928.97	5.83	-3.36	-5.29	0.17	0.13	7.78
1,063.00	0.54	291.94	1,062.96	6.83	-4.50	-6.12	0.34	-0.20	-23.91
1,154.00	0.92	285.10	1,153.95	7.18	-5.61	-6.31	0.43	0.42	-7.52
1,245.00	1.38	281.19	1,244.93	7.58	-7.39	-6.45	0.51	0.51	-4.30
1,336.00	1.47	290.25	1,335.91	8.20	-9.56	-6.75	0.27	0.10	9.96
1,427.00	1.97	289.73	1,426.87	9.13	-12.13	-7.31	0.55	0.55	-0.57
1,518.00	2.33	294.79	1,517.80	10.44	-15.28	-8.15	0.45	0.40	5.56
1,609.00	2.71	289.93	1,608.71	11.95	-18.98	-9.11	0.48	0.42	-5.34
1,705.00	3.63	291.18	1,704.57	13.82	-23.95	-10.26	0.96	0.96	1.30
1,800.00	4.03	288.88	1,799.35	15.98	-29.91	-11.55	0.45	0.42	-2.42
1,895.00	4.87	288.59	1,894.07	18.35	-36.89	-12.89	0.88	0.88	-0.31
1,989.00	6.03	287.78	1,987.64	21.13	-45.37	-14.43	1.24	1.23	-0.86
2,084.00	6.86	288.38	2,082.04	24.44	-55.51	-16.26	0.88	0.87	0.63
2,180.00	7.80	287.79	2,177.25	28.24	-67.15	-18.36	0.98	0.98	-0.61
2,275.00	7.98	285.02	2,271.35	31.92	-79.66	-20.21	0.44	0.19	-2.92
2,370.00	7.48	271.71	2,365.50	33.81	-92.21	-20.30	1.95	-0.53	-14.01
2,466.00	7.83	265.70	2,460.64	33.51	-104.98	-18.17	0.91	0.36	-6.26
2,561.00	6.72	265.32	2,554.88	32.57	-116.97	-15.53	1.17	-1.17	-0.40
2,657.00	6.64	263.65	2,650.23	31.50	-128.09	-12.88	0.22	-0.08	-1.74
2,751.00	7.64	267.27	2,743.50	30.60	-139.73	-10.33	1.17	1.06	3.85
2,846.00	8.48	268.75	2,837.56	30.15	-153.04	-7.98	0.91	0.88	1.56
2,941.00	9.24	267.50	2,931.42	29.66	-167.66	-5.41	0.83	0.80	-1.32
3,036.00	8.98	267.23	3,025.22	28.97	-182.69	-2.58	0.28	-0.27	-0.28
3,131.00	8.91	265.89	3,119.07	28.08	-197.43	0.40	0.23	-0.07	-1.41
3,227.00	9.89	269.11	3,213.78	27.42	-213.09	3.29	1.16	1.02	3.35
3,322.00	10.61	271.13	3,307.26	27.47	-229.99	5.66	0.85	0.76	2.13
3,417.00	11.33	274.20	3,400.53	28.32	-248.04	7.39	0.98	0.76	3.23
3,511.00	10.76	268.53	3,492.79	28.78	-266.03	9.52	1.30	-0.61	-6.03
3,607.00	10.87	266.71	3,587.08	28.03	-284.02	12.83	0.37	0.11	-1.90
3,701.00	9.74	268.24	3,679.57	27.27	-300.82	15.97	1.24	-1.20	1.63
3,796.00	8.72	267.13	3,773.33	26.67	-316.04	18.75	1.09	-1.07	-1.17
3,892.00	8.34	264.23	3,868.27	25.60	-330.24	21.83	0.60	-0.40	-3.02
3,987.00	8.01	259.76	3,962.31	23.73	-343.61	25.59	0.75	-0.35	-4.71
4,082.00	8.38	261.47	4,056.34	21.53	-356.97	29.68	0.47	0.39	1.80
4,176.00	8.44	257.96	4,149.33	19.07	-370.49	34.04	0.55	0.06	-3.73
4,271.00	8.51	259.45	4,243.29	16.33	-384.22	38.71	0.24	0.07	1.57
4,366.00	8.76	258.23	4,337.21	13.57	-398.21	43.45	0.33	0.26	-1.28
4,461.00	8.83	261.28	4,431.10	10.99	-412.50	48.04	0.50	0.07	3.21
4,556.00	8.48	267.12	4,525.02	9.53	-426.70	51.51	1.00	-0.37	6.15
4,652.00	7.53	266.79	4,620.08	8.82	-440.05	54.12	0.99	-0.99	-0.34
4,747.00	8.10	265.79	4,714.20	7.98	-452.94	56.79	0.62	0.60	-1.05
4,843.00	9.01	265.59	4,809.13	6.91	-467.18	59.89	0.95	0.95	-0.21
4,937.00	8.96	264.09	4,901.98	5.59	-481.80	63.28	0.25	-0.05	-1.60
5,033.00	9.51	262.75	4,996.73	3.82	-497.10	67.22	0.62	0.57	-1.40



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)	
5,128.00	9.81	261.67	5,090.38	1.66	-512.90	71.62	0.37	0.32	-1.14	
5,224.00	10.09	260.51	5,184.94	-0.91	-529.28	76.51	0.36	0.29	-1.21	
5,319.00	10.45	260.56	5,278.42	-3.70	-545.99	81.65	0.38	0.38	0.05	
5,415.00	10.51	260.84	5,372.82	-6.52	-563.22	86.90	0.08	0.06	0.29	
5,510.00	9.41	262.88	5,466.38	-8.86	-579.48	91.54	1.22	-1.16	2.15	
5,605.00	9.29	262.32	5,560.12	-10.85	-594.79	95.70	0.16	-0.13	-0.59	
5,700.00	9.47	262.16	5,653.85	-12.94	-610.13	99.96	0.19	0.19	-0.17	
5,795.00	9.80	262.26	5,747.51	-15.10	-625.88	104.34	0.35	0.35	0.11	
5,891.00	10.19	263.32	5,842.05	-17.18	-642.41	108.77	0.45	0.41	1.10	
5,985.00	9.85	264.62	5,934.62	-18.91	-658.68	112.79	0.43	-0.36	1.38	
6,080.00	10.26	264.06	6,028.16	-20.54	-675.18	116.77	0.44	0.43	-0.59	
6,175.00	10.50	262.53	6,121.61	-22.54	-692.18	121.18	0.38	0.25	-1.61	
6,270.00	10.83	264.96	6,214.97	-24.45	-709.65	125.57	0.59	0.35	2.56	
6,365.00	10.67	262.33	6,308.30	-26.41	-727.26	130.02	0.54	-0.17	-2.77	
6,459.00	10.92	261.81	6,400.64	-28.84	-744.70	134.91	0.29	0.27	-0.55	
6,541.00	11.04	261.14	6,481.13	-31.16	-760.14	139.41	0.21	0.15	-0.82	
6,635.00	10.88	264.06	6,573.42	-33.46	-777.86	144.22	0.61	-0.17	3.11	
6,730.00	10.77	264.76	6,666.73	-35.20	-795.61	148.48	0.18	-0.12	0.74	
6,825.00	9.66	264.49	6,760.22	-36.78	-812.39	152.44	1.17	-1.17	-0.28	
6,905.08	9.09	262.47	6,839.23	-38.25	-825.35	155.75	0.82	-0.71	-2.52	
100 FNL 6905.08 MD										
6,921.00	8.98	262.04	6,854.96	-38.59	-827.83	156.43	0.82	-0.70	-2.71	
7,016.00	9.11	262.52	6,948.77	-40.59	-842.62	160.53	0.16	0.14	0.51	
7,111.00	8.51	256.49	7,042.65	-43.21	-856.92	165.17	1.16	-0.63	-6.35	
7,207.00	8.75	254.13	7,137.57	-46.87	-870.85	170.78	0.45	0.25	-2.46	
7,302.00	8.45	250.67	7,231.50	-51.16	-884.38	176.95	0.63	-0.32	-3.64	
7,398.00	8.77	244.34	7,326.42	-56.66	-897.64	184.29	1.04	0.33	-6.59	
7,493.00	8.56	241.25	7,420.34	-63.20	-910.36	192.58	0.54	-0.22	-3.25	
7,589.00	8.49	239.69	7,515.28	-70.21	-922.74	201.29	0.25	-0.07	-1.63	
7,684.00	7.31	238.00	7,609.37	-76.95	-933.92	209.56	1.27	-1.24	-1.78	
7,779.00	7.41	234.32	7,703.59	-83.73	-944.03	217.71	0.51	0.11	-3.87	
7,875.00	7.43	230.41	7,798.79	-91.29	-953.84	226.60	0.53	0.02	-4.07	
7,970.00	7.68	225.33	7,892.96	-99.67	-963.09	236.21	0.75	0.26	-5.35	
8,066.00	7.39	221.76	7,988.14	-108.79	-971.76	246.47	0.57	-0.30	-3.72	
8,161.00	7.80	216.99	8,082.30	-118.49	-979.71	257.21	0.79	0.43	-5.02	
8,257.00	8.51	210.99	8,177.33	-129.79	-987.29	269.47	1.15	0.74	-6.25	
8,352.00	8.16	210.85	8,271.33	-141.60	-994.36	282.18	0.37	-0.37	-0.15	
8,447.00	8.46	205.27	8,365.33	-153.71	-1,000.80	295.08	0.91	0.32	-5.87	
8,542.00	8.33	205.53	8,459.32	-166.24	-1,006.75	308.33	0.14	-0.14	0.27	
8,637.00	7.62	202.55	8,553.40	-178.26	-1,012.13	321.00	0.86	-0.75	-3.14	
8,732.00	7.02	199.70	8,647.62	-189.55	-1,016.51	332.80	0.74	-0.63	-3.00	
8,827.00	6.52	196.13	8,741.96	-200.19	-1,019.96	343.83	0.69	-0.53	-3.76	
8,868.00	5.90	198.64	8,782.72	-204.43	-1,021.28	348.20	1.65	-1.51	6.12	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
8,981.00	2.04	183.81	8,895.43	-211.94	-1,023.27	355.93	3.51	-3.42	-13.12
9,076.00	1.53	87.20	8,990.40	-213.57	-1,022.12	357.37	2.83	-0.54	-101.69
9,171.00	4.10	73.39	9,085.28	-212.53	-1,017.59	355.70	2.78	2.71	-14.54
9,267.00	3.04	67.37	9,181.09	-210.57	-1,011.96	352.95	1.17	-1.10	-6.27
9,361.00	2.55	74.11	9,274.98	-209.04	-1,007.64	350.82	0.63	-0.52	7.17
9,455.00	2.10	93.26	9,368.90	-208.57	-1,003.91	349.82	0.95	-0.48	20.37
9,551.00	1.20	133.07	9,464.86	-209.35	-1,001.42	350.24	1.47	-0.94	41.47
9,646.00	0.97	232.46	9,559.85	-210.52	-1,001.33	351.39	1.75	-0.24	104.62
9,741.00	2.06	222.28	9,654.82	-212.27	-1,003.12	353.38	1.18	1.15	-10.72
9,773.00	1.97	217.46	9,686.80	-213.14	-1,003.84	354.33	0.60	-0.28	-15.06
9,836.00	2.02	179.56	9,749.76	-215.11	-1,004.49	356.38	2.06	0.08	-60.16
9,932.00	11.96	171.70	9,844.93	-226.67	-1,003.04	367.61	10.38	10.35	-8.19
9,977.00	16.60	174.12	9,888.53	-237.68	-1,001.71	378.33	10.39	10.31	5.38
10,026.00	21.73	175.97	9,934.80	-253.71	-1,000.35	393.99	10.54	10.47	3.78
10,122.00	30.48	170.66	10,020.93	-295.55	-995.14	434.66	9.43	9.11	-5.53
10,217.00	38.83	169.16	10,099.01	-348.67	-985.61	485.87	8.83	8.79	-1.58
10,312.00	44.44	167.25	10,169.99	-410.41	-972.66	545.13	6.05	5.91	-2.01
10,407.00	53.02	169.56	10,232.60	-480.30	-958.42	612.27	9.21	9.03	2.43
10,502.00	61.02	172.13	10,284.28	-558.91	-945.83	688.28	8.72	8.42	2.71
10,597.00	72.03	171.02	10,322.06	-644.97	-933.05	771.63	11.64	11.59	-1.17
10,692.00	83.65	168.60	10,342.04	-736.20	-916.60	859.58	12.48	12.23	-2.55
10,787.00	88.29	172.99	10,348.72	-829.70	-901.46	949.95	6.72	4.88	4.62
10,882.00	88.59	171.76	10,351.31	-923.82	-888.86	1,041.31	1.33	0.32	-1.29
10,978.00	88.76	170.47	10,353.53	-1,018.64	-874.04	1,133.04	1.36	0.18	-1.34
11,073.00	88.96	169.55	10,355.42	-1,112.18	-857.56	1,223.27	0.99	0.21	-0.97
11,169.00	89.10	174.20	10,357.04	-1,207.18	-844.00	1,315.36	4.85	0.15	4.84
11,264.00	88.39	174.53	10,359.12	-1,301.70	-834.68	1,407.57	0.82	-0.75	0.35
11,358.00	87.65	174.34	10,362.37	-1,395.20	-825.56	1,498.81	0.81	-0.79	-0.20
11,453.00	89.23	173.20	10,364.96	-1,489.60	-815.26	1,590.77	2.05	1.66	-1.20
11,548.00	88.59	172.37	10,366.76	-1,583.83	-803.33	1,682.33	1.10	-0.67	-0.87
11,641.00	91.21	174.06	10,366.93	-1,676.16	-792.34	1,772.15	3.35	2.82	1.82
11,737.00	90.57	174.04	10,365.43	-1,771.64	-782.39	1,865.22	0.67	-0.67	-0.02
11,833.00	90.00	175.77	10,364.96	-1,867.25	-773.87	1,958.64	1.90	-0.59	1.80
11,928.00	90.71	180.19	10,364.37	-1,962.17	-770.52	2,052.10	4.71	0.75	4.65
12,022.00	90.57	179.40	10,363.32	-2,056.16	-770.19	2,145.08	0.85	-0.15	-0.84
12,117.00	90.94	179.17	10,362.07	-2,151.14	-769.00	2,238.93	0.46	0.39	-0.24
12,212.00	91.81	178.87	10,359.79	-2,246.10	-767.38	2,332.68	0.97	0.92	-0.32
12,306.00	88.62	181.60	10,359.43	-2,340.08	-767.76	2,425.75	4.47	-3.39	2.90
12,402.00	88.73	182.55	10,361.65	-2,435.99	-771.24	2,521.17	1.00	0.11	0.99
12,497.00	89.06	182.06	10,363.49	-2,530.89	-775.06	2,615.65	0.62	0.35	-0.52
12,592.00	88.05	181.41	10,365.88	-2,625.82	-777.93	2,710.01	1.26	-1.06	-0.68
12,687.00	88.32	181.29	10,368.89	-2,720.74	-780.17	2,804.28	0.31	0.28	-0.13
12,782.00	88.36	180.74	10,371.64	-2,815.69	-781.85	2,898.49	0.58	0.04	-0.58
12,878.00	88.19	180.53	10,374.53	-2,911.64	-782.91	2,993.61	0.28	-0.18	-0.22



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
12,973.00	86.85	180.62	10,378.64	-3,006.54	-783.87	3,087.68	1.41	-1.41	0.09
13,069.00	90.20	179.27	10,381.11	-3,102.50	-783.77	3,182.63	3.76	3.49	-1.41
13,164.00	89.40	178.87	10,381.45	-3,197.48	-782.23	3,276.43	0.94	-0.84	-0.42
13,259.00	91.51	178.95	10,380.69	-3,292.46	-780.43	3,370.17	2.22	2.22	0.08
13,354.00	91.17	179.04	10,378.47	-3,387.42	-778.76	3,463.92	0.37	-0.36	0.09
13,449.00	90.54	179.57	10,377.05	-3,482.40	-777.61	3,557.76	0.87	-0.66	0.56
13,543.00	90.54	179.58	10,376.17	-3,576.39	-776.91	3,650.69	0.01	0.00	0.01
13,637.00	91.14	179.40	10,374.79	-3,670.38	-776.07	3,743.59	0.67	0.64	-0.19
13,732.00	91.68	180.03	10,372.45	-3,765.34	-775.60	3,837.52	0.87	0.57	0.66
13,827.00	92.01	180.70	10,369.39	-3,860.29	-776.21	3,931.58	0.79	0.35	0.71
13,923.00	92.01	180.63	10,366.02	-3,956.23	-777.32	4,026.69	0.07	0.00	-0.07
14,018.00	92.15	181.88	10,362.58	-4,051.14	-779.40	4,120.93	1.32	0.15	1.32
14,112.00	92.08	182.28	10,359.11	-4,145.01	-782.81	4,214.33	0.43	-0.07	0.43
14,207.00	91.44	181.77	10,356.19	-4,239.91	-786.16	4,308.73	0.86	-0.67	-0.54
14,302.00	91.58	182.22	10,353.69	-4,334.82	-789.47	4,403.14	0.50	0.15	0.47
14,398.00	91.34	182.00	10,351.24	-4,430.72	-793.00	4,498.56	0.34	-0.25	-0.23
14,492.00	91.91	182.47	10,348.57	-4,524.61	-796.67	4,592.01	0.79	0.61	0.50
14,587.00	92.38	183.46	10,345.02	-4,619.42	-801.58	4,686.55	1.15	0.49	1.04
14,682.00	92.48	184.36	10,340.99	-4,714.11	-808.05	4,781.19	0.95	0.11	0.95
14,777.00	92.55	184.50	10,336.82	-4,808.73	-815.38	4,875.89	0.16	0.07	0.15
14,873.00	93.25	185.05	10,331.97	-4,904.28	-823.36	4,971.60	0.93	0.73	0.57
14,968.00	93.46	185.64	10,326.41	-4,998.70	-832.19	5,066.31	0.66	0.22	0.62
15,005.00	93.66	185.86	10,324.11	-5,035.45	-835.89	5,103.21	0.80	0.54	0.59
FINAL MWD Survey (15005.00' MD)									
15,070.00	93.66	185.86	10,319.96	-5,099.97	-842.52	5,168.02	0.00	0.00	0.00
FINAL Proj. to Bit (15070.00' MD) - BHL 115.05 FSL 2067 FEL									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,905.08	6,839.23	-38.25	-825.35	100 FNL 6905.08 MD
15,005.00	10,324.11	-5,035.45	-835.89	FINAL MWD Survey (15005.00' MD)
15,070.00	10,319.96	-5,099.97	-842.52	FINAL Proj. to Bit (15070.00' MD)
15,070.00	10,319.96	-5,099.97	-842.52	BHL 115.05 FSL 2067 FEL

Checked By: _____ Approved By: _____ Date: _____

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 30-025-46248	² Pool Code 53800	³ Pool Name SAND DUNES; BONE SPRING
⁴ Property Code 327016	⁵ Property Name PURRITO 18 FED COM	⁶ Well Number 213H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3570.9

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	18	23 S	32 E		71	NORTH	1196	EAST	LEA

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	18	23 S	32 E		117	SOUTH	2072	EAST	LEA

¹² Dedicated Acres 160	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.

N89°21'06"E 2840.72 FT NW CORNER SEC. 18 LAT. = 32.3116930°N LONG. = 103.7229595°W NMSP EAST (FT) N = 477663.17 E = 729904.77 LOT 1 LOT 2 W/4 CORNER SEC. 18 LAT. = 32.3044384°N LONG. = 103.7229618°W NMSP EAST (FT) N = 475023.97 E = 729919.08 LOT 3 LOT 4 SW CORNER SEC. 18 LAT. = 32.2971933°N LONG. = 103.7229608°W NMSP EAST (FT) N = 472388.26 E = 729934.39 S89°23'25"W 2743.19 FT		N/4 CORNER SEC. 18 LAT. = 32.3117365°N LONG. = 103.7137668°W NMSP EAST (FT) N = 477695.30 E = 732744.70 AS-DRILLED KOP 275' FNL, 2202' FEL LAT. = 32.3109858°N LONG. = 103.7123463°W NMSP EAST (FT) N = 477424.75 E = 733185.13 AS-DRILLED FIRST TAKE POINT 709' FNL, 2133' FEL LAT. = 32.3097968°N LONG. = 103.7121217°W NMSP EAST (FT) N = 476992.59 E = 733257.01 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88. AS-DRILLED BOTTOM OF HOLE LAT. = 32.2975604°N LONG. = 103.7119140°W NMSP EAST (FT) N = 472541.42 E = 733347.00 SE CORNER SEC. 18 LAT. = 32.2972667°N LONG. = 103.7052095°W NMSP EAST (FT) N = 472446.64 E = 735419.26 S89°23'25"W 2743.19 FT		N89°21'58"E 2640.54 FT NE CORNER SEC. 18 LAT. = 32.3117746°N LONG. = 103.7052219°W NMSP EAST (FT) N = 477724.51 E = 735384.50 1196' S00°24'57"E 2640.93 FT S00°20'20"E 2638.21 FT	
--	--	--	--	--	--

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.

Rebecca Deal **10/8/2020**
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@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.

OCTOBER 2, 2018
Date of Survey

William F. Jaramillo
Signature and Seal of Professional Surveyor

Certificate Number: **WILLIAM F. JARAMILLO, PLS 12797**
Professional Surveyor License No. 6578

Intent ☐ As Drilled ☒API #
30-025-46248

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION CO., L.P.	PURRITO 18 FED COM	213H

Kick Off Point (KOP)

UL B	Section 18	Township 23S	Range 32E	Lot	Feet 275	From N/S NORTH	Feet 2202	From E/W EAST	County LEA
Latitude 32.3109858					Longitude 103.7123463			NAD 83	

First Take Point (FTP)

UL B	Section 18	Township 23S	Range 32E	Lot	Feet 709	From N/S NORTH	Feet 2133	From E/W EAST	County LEA
Latitude 32.3097968					Longitude 103.7121217			NAD 83	

Last Take Point (LTP)

UL O	Section 18	Township 23S	Range 32E	Lot	Feet 142	From N/S SOUTH	Feet 2069	From E/W EAST	County LEA
Latitude 32.2976285					Longitude 103.7119053			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

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM18848

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PURRITO 18 FED COM 213H9. API Well No.
30-025-46249-00-X110. Field and Pool or Exploratory Area
WOLFCAMP11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Contact: REBECCA DEAL

DEVON ENERGY PRODUCTION COMPANY
E-mail: Rebecca.Deal@devon.com

3a. Address

333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-228-8429

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T23S R32E NENE 71FNL 1196FEL
32.311562 N Lat, 103.709091 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Hydraulic Fracture
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Revision of Completion Ops Summary to include OCD requested language:

7/2/20 - 9/16/20: MIRU WL & PT. TIH & ran CBL, found TOC @ 6770'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 10,823'-15,045'. Frac totals 8,961,580# prop, 18 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 15,043'. CHC, FWB, ND BOP. RIH w/ 299 jts 2-7/8" L-80 tubing, set @ 10,012'. TOP.

Request for OCD extension of time to file BLM- approved Form 3160-4

Formation Top Depth

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #537249 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COMPANY, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 11/16/2020 (21PP0519SE)	
Name (Printed/Typed) REBECCA DEAL	Title REGULATORY COMPLIANCE PROFESSI
Signature (Electronic Submission)	Date 11/13/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROELUM ENGINEER	Date 12/30/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #537249 that would not fit on the form

32. Additional remarks, continued

Rustler 951
Top of Salado 1324
Base of Salado 4362
Delaware 4610
Bone Spring 8520

Revisions to Operator-Submitted EC Data for Sundry Notice #537249

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF SR	HF SR
Lease:	NMNM18848	NMNM18848
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405-228-8429	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 4055526571
Admin Contact:	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429
Tech Contact:	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	SAND DUNE; BONE SPRING	WOLFCAMP
Well/Facility:	PURRITO 18 FED COM 213H Sec 18 T23S R32E Mer NMP NENE 71FNL 1196FEL	PURRITO 18 FED COM 213H Sec 18 T23S R32E NENE 71FNL 1196FEL 32.311562 N Lat, 103.709091 W Lon

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other				5. Lease Serial No. NMNM18848	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator DEVON ENERGY PRODUCTION CO. Email: rebecca.deal@dvn.com				7. Unit or CA Agreement Name and No.	
3. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102				8. Lease Name and Well No. PURRITO 18 FED COM 213H	
3a. Phone No. (include area code) Ph: 405-228-8429				9. API Well No. 30-025-46249	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 71FNL 1196FEL At top prod interval reported below NWNE 237FNL 2213FEL At total depth SWSE 117FSL 2072FEL				10. Field and Pool, or Exploratory SAND DUNES; BONE SPRING	
14. Date Spudded 01/01/2020				11. Sec., T., R., M., or Block and Survey or Area Sec 18 T23S R32E Mer	
15. Date T.D. Reached 01/14/2020				12. County or Parish LEA	
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/16/2020				13. State NM	
17. Elevations (DF, KB, RT, GL)* 3571 GL					
18. Total Depth: MD 15070 TVD 10320		19. Plug Back T.D.: MD 15043 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1017		1050		0	543
12.250	9.625 J-55	40.0	0	8912		1630		6180	0
8.750	5.500 P-110	20.0	0	15060		1130		6789	345

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10012							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10823	15045	10823 TO 15045		544	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10823 TO 15045	8,961,580# PROP, 18 BBL ACID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/16/2020	10/06/2020	24	→	966.0	1354.0	2138.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1402		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #533596 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	951	1324	BARREN	RUSTLER	951
SALADO	1324	4362	BARREN	SALADO	1324
B/SALT	4362	4610	BARREN	B/SALT	4362
DELAWARE	4610	8520	OIL/GAS	DELAWARE	4610
BONE SPRING	8520		OIL/GAS	BONE SPRING	8520

32. Additional remarks (include plugging procedure):

Intermediate Csg as follows: TD 12-1/4" HOLE @ 8926', RIH W/107 JTS 9-5/8" 40# J-55 BTC CSG & 98 JTS 9-5/8" 40# P-110EC BTC CSG, SET @ 8911.7'.

Production Csg as follows: TD 8-3/4" HOLE @ 13569' & 8-1/2" HOLE @ 16070'. RIH W/345 JTS 5-1/2" 20# P-110EC CSG, SET @ 15060'.

See attached as-drilled C-102 and Directional Plan

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #533596 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO, LP, sent to the Hobbs**

Name (*please print*) REBECCA DEAL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/12/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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 30-025-46249	² Pool Code 53800	³ Pool Name SAND DUNES; BONE SPRING
⁴ Property Code 327016 325954	⁵ Property Name PURRITO 18 FED COM	⁶ Well Number 213H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3570.9

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	18	23 S	32 E		71	NORTH	1196	EAST	LEA

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	18	23 S	32 E		117	SOUTH	2072	EAST	LEA

¹² Dedicated Acres 160	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.

N89°21'06"E 2840.72 FT NW CORNER SEC. 18 LAT. = 32.3116930°N LONG. = 103.7229595°W NMSP EAST (FT) N = 477663.17 E = 729904.77 LOT 1 N/4 CORNER SEC. 18 LAT. = 32.3117365°N LONG. = 103.7137668°W NMSP EAST (FT) N = 477695.30 E = 732744.70 AS-DRILLED KOP 275' FNL, 2202' FEL LAT. = 32.3109858°N LONG. = 103.7123463°W NMSP EAST (FT) N = 477424.75 E = 733185.13 LOT 2 W/4 CORNER SEC. 18 LAT. = 32.3044384°N LONG. = 103.7229618°W NMSP EAST (FT) N = 475023.97 E = 729919.08 LOT 3 SW CORNER SEC. 18 LAT. = 32.2971933°N LONG. = 103.7229608°W NMSP EAST (FT) N = 472388.26 E = 729934.39 LOT 4 AS-DRILLED LAST TAKE POINT 142' FSL, 2069' FEL LAT. = 32.2976285°N LONG. = 103.7119053°W NMSP EAST (FT) N = 472566.23 E = 733349.55 SE CORNER SEC. 18 LAT. = 32.2972667°N LONG. = 103.7052095°W NMSP EAST (FT) N = 472446.64 E = 735419.26 NE CORNER SEC. 18 LAT. = 32.3117746°N LONG. = 103.7052219°W NMSP EAST (FT) N = 477724.51 E = 735384.50 E/4 CORNER SEC. 18 LAT. = 32.3045169°N LONG. = 103.7052099°W NMSP EAST (FT) N = 475084.23 E = 735403.66 AS-DRILLED BOTTOM OF HOLE LAT. = 32.2975604°N LONG. = 103.7119140°W NMSP EAST (FT) N = 472541.42 E = 733347.00 SHL KOP FTP BHL LTP DNF 1196' 2640.54 FT 1117' 2743.19 FT N89°21'58"E S00°24'57"E S00°20'20"E S00°18'38"W N00°19'58"W		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>Rebecca Deal</i> 10/8/2020 Signature Date Rebecca Deal, Regulatory Analyst Printed Name rebecca.deal@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. OCTOBER 2, 2018 Date of Survey <i>William F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 Professional Surveyor License No. 6578	
---	--	--	--

Intent ☐ As Drilled ☒API #
30-025-46248

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION CO., L.P.	PURRITO 18 FED COM	213H

Kick Off Point (KOP)

UL B	Section 18	Township 23S	Range 32E	Lot	Feet 275	From N/S NORTH	Feet 2202	From E/W EAST	County LEA
Latitude 32.3109858					Longitude 103.7123463			NAD 83	

First Take Point (FTP)

UL B	Section 18	Township 23S	Range 32E	Lot	Feet 709	From N/S NORTH	Feet 2133	From E/W EAST	County LEA
Latitude 32.3097968					Longitude 103.7121217			NAD 83	

Last Take Point (LTP)

UL O	Section 18	Township 23S	Range 32E	Lot	Feet 142	From N/S SOUTH	Feet 2069	From E/W EAST	County LEA
Latitude 32.2976285					Longitude 103.7119053			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

SURVEY REPORT

Purrito 18 Fed Com 213H

Patterson 575

I, Deanna Jacobs, certify the surveys supplied on
Purrito 18 Fed Com 213H are correct and accurate to the best of my
knowledge and are supported by actual field data.

Deanna Jacobs

Date: 6/25/2020



The **Ultimate Partner** In Wellbore Placement



Devon Energy

Lea County, NM (NAD83 NME)

Purrito 18 Fed Com

#213H

OH

Design: As Drilled

Standard Survey Report

25 June, 2020



www.scientificdrilling.com





Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Project	Lea 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	Purrito 18 Fed Com		
Site Position:		Northing:	477,640.29 usft
From:	Map	Easting:	734,189.34 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.311562
		Longitude:	-103.709092
		Grid Convergence:	0.33 °

Well	#213H		
Well Position	+N/-S	0.00 usft	Northing: 477,640.29 usft
	+E/-W	0.00 usft	Easting: 734,189.34 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32.311562
		Longitude:	-103.709092
		Ground Level:	3,571.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	11/14/2019	6.72	60.02	47,937.60000000

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		188.21

Survey Program		Date	6/25/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
144.00	15,070.00	SDI Survey #1 (OH)	MWD+IFR1+MS	MWD + IFR1 + Multi-Station Correction	

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
144.00	0.30	353.25	144.00	0.37	-0.04	-0.36	0.21	0.21	0.00
204.00	0.27	337.31	204.00	0.66	-0.12	-0.64	0.14	-0.05	-26.57
294.00	0.30	332.08	294.00	1.06	-0.31	-1.01	0.04	0.03	-5.81
386.00	0.34	339.12	386.00	1.53	-0.52	-1.44	0.06	0.04	7.65
476.00	0.36	344.96	475.99	2.06	-0.69	-1.94	0.05	0.02	6.49
567.00	0.50	325.48	566.99	2.66	-0.99	-2.49	0.22	0.15	-21.41
657.00	0.54	330.37	656.99	3.35	-1.42	-3.11	0.07	0.04	5.43
747.00	0.63	322.53	746.98	4.11	-1.93	-3.79	0.13	0.10	-8.71
838.00	0.69	316.90	837.98	4.91	-2.61	-4.49	0.10	0.07	-6.19



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
929.00	0.81	323.98	928.97	5.83	-3.36	-5.29	0.17	0.13	7.78
1,063.00	0.54	291.94	1,062.96	6.83	-4.50	-6.12	0.34	-0.20	-23.91
1,154.00	0.92	285.10	1,153.95	7.18	-5.61	-6.31	0.43	0.42	-7.52
1,245.00	1.38	281.19	1,244.93	7.58	-7.39	-6.45	0.51	0.51	-4.30
1,336.00	1.47	290.25	1,335.91	8.20	-9.56	-6.75	0.27	0.10	9.96
1,427.00	1.97	289.73	1,426.87	9.13	-12.13	-7.31	0.55	0.55	-0.57
1,518.00	2.33	294.79	1,517.80	10.44	-15.28	-8.15	0.45	0.40	5.56
1,609.00	2.71	289.93	1,608.71	11.95	-18.98	-9.11	0.48	0.42	-5.34
1,705.00	3.63	291.18	1,704.57	13.82	-23.95	-10.26	0.96	0.96	1.30
1,800.00	4.03	288.88	1,799.35	15.98	-29.91	-11.55	0.45	0.42	-2.42
1,895.00	4.87	288.59	1,894.07	18.35	-36.89	-12.89	0.88	0.88	-0.31
1,989.00	6.03	287.78	1,987.64	21.13	-45.37	-14.43	1.24	1.23	-0.86
2,084.00	6.86	288.38	2,082.04	24.44	-55.51	-16.26	0.88	0.87	0.63
2,180.00	7.80	287.79	2,177.25	28.24	-67.15	-18.36	0.98	0.98	-0.61
2,275.00	7.98	285.02	2,271.35	31.92	-79.66	-20.21	0.44	0.19	-2.92
2,370.00	7.48	271.71	2,365.50	33.81	-92.21	-20.30	1.95	-0.53	-14.01
2,466.00	7.83	265.70	2,460.64	33.51	-104.98	-18.17	0.91	0.36	-6.26
2,561.00	6.72	265.32	2,554.88	32.57	-116.97	-15.53	1.17	-1.17	-0.40
2,657.00	6.64	263.65	2,650.23	31.50	-128.09	-12.88	0.22	-0.08	-1.74
2,751.00	7.64	267.27	2,743.50	30.60	-139.73	-10.33	1.17	1.06	3.85
2,846.00	8.48	268.75	2,837.56	30.15	-153.04	-7.98	0.91	0.88	1.56
2,941.00	9.24	267.50	2,931.42	29.66	-167.66	-5.41	0.83	0.80	-1.32
3,036.00	8.98	267.23	3,025.22	28.97	-182.69	-2.58	0.28	-0.27	-0.28
3,131.00	8.91	265.89	3,119.07	28.08	-197.43	0.40	0.23	-0.07	-1.41
3,227.00	9.89	269.11	3,213.78	27.42	-213.09	3.29	1.16	1.02	3.35
3,322.00	10.61	271.13	3,307.26	27.47	-229.99	5.66	0.85	0.76	2.13
3,417.00	11.33	274.20	3,400.53	28.32	-248.04	7.39	0.98	0.76	3.23
3,511.00	10.76	268.53	3,492.79	28.78	-266.03	9.52	1.30	-0.61	-6.03
3,607.00	10.87	266.71	3,587.08	28.03	-284.02	12.83	0.37	0.11	-1.90
3,701.00	9.74	268.24	3,679.57	27.27	-300.82	15.97	1.24	-1.20	1.63
3,796.00	8.72	267.13	3,773.33	26.67	-316.04	18.75	1.09	-1.07	-1.17
3,892.00	8.34	264.23	3,868.27	25.60	-330.24	21.83	0.60	-0.40	-3.02
3,987.00	8.01	259.76	3,962.31	23.73	-343.61	25.59	0.75	-0.35	-4.71
4,082.00	8.38	261.47	4,056.34	21.53	-356.97	29.68	0.47	0.39	1.80
4,176.00	8.44	257.96	4,149.33	19.07	-370.49	34.04	0.55	0.06	-3.73
4,271.00	8.51	259.45	4,243.29	16.33	-384.22	38.71	0.24	0.07	1.57
4,366.00	8.76	258.23	4,337.21	13.57	-398.21	43.45	0.33	0.26	-1.28
4,461.00	8.83	261.28	4,431.10	10.99	-412.50	48.04	0.50	0.07	3.21
4,556.00	8.48	267.12	4,525.02	9.53	-426.70	51.51	1.00	-0.37	6.15
4,652.00	7.53	266.79	4,620.08	8.82	-440.05	54.12	0.99	-0.99	-0.34
4,747.00	8.10	265.79	4,714.20	7.98	-452.94	56.79	0.62	0.60	-1.05
4,843.00	9.01	265.59	4,809.13	6.91	-467.18	59.89	0.95	0.95	-0.21
4,937.00	8.96	264.09	4,901.98	5.59	-481.80	63.28	0.25	-0.05	-1.60
5,033.00	9.51	262.75	4,996.73	3.82	-497.10	67.22	0.62	0.57	-1.40



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
5,128.00	9.81	261.67	5,090.38	1.66	-512.90	71.62	0.37	0.32	-1.14
5,224.00	10.09	260.51	5,184.94	-0.91	-529.28	76.51	0.36	0.29	-1.21
5,319.00	10.45	260.56	5,278.42	-3.70	-545.99	81.65	0.38	0.38	0.05
5,415.00	10.51	260.84	5,372.82	-6.52	-563.22	86.90	0.08	0.06	0.29
5,510.00	9.41	262.88	5,466.38	-8.86	-579.48	91.54	1.22	-1.16	2.15
5,605.00	9.29	262.32	5,560.12	-10.85	-594.79	95.70	0.16	-0.13	-0.59
5,700.00	9.47	262.16	5,653.85	-12.94	-610.13	99.96	0.19	0.19	-0.17
5,795.00	9.80	262.26	5,747.51	-15.10	-625.88	104.34	0.35	0.35	0.11
5,891.00	10.19	263.32	5,842.05	-17.18	-642.41	108.77	0.45	0.41	1.10
5,985.00	9.85	264.62	5,934.62	-18.91	-658.68	112.79	0.43	-0.36	1.38
6,080.00	10.26	264.06	6,028.16	-20.54	-675.18	116.77	0.44	0.43	-0.59
6,175.00	10.50	262.53	6,121.61	-22.54	-692.18	121.18	0.38	0.25	-1.61
6,270.00	10.83	264.96	6,214.97	-24.45	-709.65	125.57	0.59	0.35	2.56
6,365.00	10.67	262.33	6,308.30	-26.41	-727.26	130.02	0.54	-0.17	-2.77
6,459.00	10.92	261.81	6,400.64	-28.84	-744.70	134.91	0.29	0.27	-0.55
6,541.00	11.04	261.14	6,481.13	-31.16	-760.14	139.41	0.21	0.15	-0.82
6,635.00	10.88	264.06	6,573.42	-33.46	-777.86	144.22	0.61	-0.17	3.11
6,730.00	10.77	264.76	6,666.73	-35.20	-795.61	148.48	0.18	-0.12	0.74
6,825.00	9.66	264.49	6,760.22	-36.78	-812.39	152.44	1.17	-1.17	-0.28
6,905.08	9.09	262.47	6,839.23	-38.25	-825.35	155.75	0.82	-0.71	-2.52
100 FNL 6905.08 MD									
6,921.00	8.98	262.04	6,854.96	-38.59	-827.83	156.43	0.82	-0.70	-2.71
7,016.00	9.11	262.52	6,948.77	-40.59	-842.62	160.53	0.16	0.14	0.51
7,111.00	8.51	256.49	7,042.65	-43.21	-856.92	165.17	1.16	-0.63	-6.35
7,207.00	8.75	254.13	7,137.57	-46.87	-870.85	170.78	0.45	0.25	-2.46
7,302.00	8.45	250.67	7,231.50	-51.16	-884.38	176.95	0.63	-0.32	-3.64
7,398.00	8.77	244.34	7,326.42	-56.66	-897.64	184.29	1.04	0.33	-6.59
7,493.00	8.56	241.25	7,420.34	-63.20	-910.36	192.58	0.54	-0.22	-3.25
7,589.00	8.49	239.69	7,515.28	-70.21	-922.74	201.29	0.25	-0.07	-1.63
7,684.00	7.31	238.00	7,609.37	-76.95	-933.92	209.56	1.27	-1.24	-1.78
7,779.00	7.41	234.32	7,703.59	-83.73	-944.03	217.71	0.51	0.11	-3.87
7,875.00	7.43	230.41	7,798.79	-91.29	-953.84	226.60	0.53	0.02	-4.07
7,970.00	7.68	225.33	7,892.96	-99.67	-963.09	236.21	0.75	0.26	-5.35
8,066.00	7.39	221.76	7,988.14	-108.79	-971.76	246.47	0.57	-0.30	-3.72
8,161.00	7.80	216.99	8,082.30	-118.49	-979.71	257.21	0.79	0.43	-5.02
8,257.00	8.51	210.99	8,177.33	-129.79	-987.29	269.47	1.15	0.74	-6.25
8,352.00	8.16	210.85	8,271.33	-141.60	-994.36	282.18	0.37	-0.37	-0.15
8,447.00	8.46	205.27	8,365.33	-153.71	-1,000.80	295.08	0.91	0.32	-5.87
8,542.00	8.33	205.53	8,459.32	-166.24	-1,006.75	308.33	0.14	-0.14	0.27
8,637.00	7.62	202.55	8,553.40	-178.26	-1,012.13	321.00	0.86	-0.75	-3.14
8,732.00	7.02	199.70	8,647.62	-189.55	-1,016.51	332.80	0.74	-0.63	-3.00
8,827.00	6.52	196.13	8,741.96	-200.19	-1,019.96	343.83	0.69	-0.53	-3.76
8,868.00	5.90	198.64	8,782.72	-204.43	-1,021.28	348.20	1.65	-1.51	6.12



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
8,981.00	2.04	183.81	8,895.43	-211.94	-1,023.27	355.93	3.51	-3.42	-13.12
9,076.00	1.53	87.20	8,990.40	-213.57	-1,022.12	357.37	2.83	-0.54	-101.69
9,171.00	4.10	73.39	9,085.28	-212.53	-1,017.59	355.70	2.78	2.71	-14.54
9,267.00	3.04	67.37	9,181.09	-210.57	-1,011.96	352.95	1.17	-1.10	-6.27
9,361.00	2.55	74.11	9,274.98	-209.04	-1,007.64	350.82	0.63	-0.52	7.17
9,455.00	2.10	93.26	9,368.90	-208.57	-1,003.91	349.82	0.95	-0.48	20.37
9,551.00	1.20	133.07	9,464.86	-209.35	-1,001.42	350.24	1.47	-0.94	41.47
9,646.00	0.97	232.46	9,559.85	-210.52	-1,001.33	351.39	1.75	-0.24	104.62
9,741.00	2.06	222.28	9,654.82	-212.27	-1,003.12	353.38	1.18	1.15	-10.72
9,773.00	1.97	217.46	9,686.80	-213.14	-1,003.84	354.33	0.60	-0.28	-15.06
9,836.00	2.02	179.56	9,749.76	-215.11	-1,004.49	356.38	2.06	0.08	-60.16
9,932.00	11.96	171.70	9,844.93	-226.67	-1,003.04	367.61	10.38	10.35	-8.19
9,977.00	16.60	174.12	9,888.53	-237.68	-1,001.71	378.33	10.39	10.31	5.38
10,026.00	21.73	175.97	9,934.80	-253.71	-1,000.35	393.99	10.54	10.47	3.78
10,122.00	30.48	170.66	10,020.93	-295.55	-995.14	434.66	9.43	9.11	-5.53
10,217.00	38.83	169.16	10,099.01	-348.67	-985.61	485.87	8.83	8.79	-1.58
10,312.00	44.44	167.25	10,169.99	-410.41	-972.66	545.13	6.05	5.91	-2.01
10,407.00	53.02	169.56	10,232.60	-480.30	-958.42	612.27	9.21	9.03	2.43
10,502.00	61.02	172.13	10,284.28	-558.91	-945.83	688.28	8.72	8.42	2.71
10,597.00	72.03	171.02	10,322.06	-644.97	-933.05	771.63	11.64	11.59	-1.17
10,692.00	83.65	168.60	10,342.04	-736.20	-916.60	859.58	12.48	12.23	-2.55
10,787.00	88.29	172.99	10,348.72	-829.70	-901.46	949.95	6.72	4.88	4.62
10,882.00	88.59	171.76	10,351.31	-923.82	-888.86	1,041.31	1.33	0.32	-1.29
10,978.00	88.76	170.47	10,353.53	-1,018.64	-874.04	1,133.04	1.36	0.18	-1.34
11,073.00	88.96	169.55	10,355.42	-1,112.18	-857.56	1,223.27	0.99	0.21	-0.97
11,169.00	89.10	174.20	10,357.04	-1,207.18	-844.00	1,315.36	4.85	0.15	4.84
11,264.00	88.39	174.53	10,359.12	-1,301.70	-834.68	1,407.57	0.82	-0.75	0.35
11,358.00	87.65	174.34	10,362.37	-1,395.20	-825.56	1,498.81	0.81	-0.79	-0.20
11,453.00	89.23	173.20	10,364.96	-1,489.60	-815.26	1,590.77	2.05	1.66	-1.20
11,548.00	88.59	172.37	10,366.76	-1,583.83	-803.33	1,682.33	1.10	-0.67	-0.87
11,641.00	91.21	174.06	10,366.93	-1,676.16	-792.34	1,772.15	3.35	2.82	1.82
11,737.00	90.57	174.04	10,365.43	-1,771.64	-782.39	1,865.22	0.67	-0.67	-0.02
11,833.00	90.00	175.77	10,364.96	-1,867.25	-773.87	1,958.64	1.90	-0.59	1.80
11,928.00	90.71	180.19	10,364.37	-1,962.17	-770.52	2,052.10	4.71	0.75	4.65
12,022.00	90.57	179.40	10,363.32	-2,056.16	-770.19	2,145.08	0.85	-0.15	-0.84
12,117.00	90.94	179.17	10,362.07	-2,151.14	-769.00	2,238.93	0.46	0.39	-0.24
12,212.00	91.81	178.87	10,359.79	-2,246.10	-767.38	2,332.68	0.97	0.92	-0.32
12,306.00	88.62	181.60	10,359.43	-2,340.08	-767.76	2,425.75	4.47	-3.39	2.90
12,402.00	88.73	182.55	10,361.65	-2,435.99	-771.24	2,521.17	1.00	0.11	0.99
12,497.00	89.06	182.06	10,363.49	-2,530.89	-775.06	2,615.65	0.62	0.35	-0.52
12,592.00	88.05	181.41	10,365.88	-2,625.82	-777.93	2,710.01	1.26	-1.06	-0.68
12,687.00	88.32	181.29	10,368.89	-2,720.74	-780.17	2,804.28	0.31	0.28	-0.13
12,782.00	88.36	180.74	10,371.64	-2,815.69	-781.85	2,898.49	0.58	0.04	-0.58
12,878.00	88.19	180.53	10,374.53	-2,911.64	-782.91	2,993.61	0.28	-0.18	-0.22



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #213H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	KB=23' @ 3594.00usft
Site:	Purrito 18 Fed Com	MD Reference:	KB=23' @ 3594.00usft
Well:	#213H	North Reference:	Grid
Wellbore:	OH	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)
12,973.00	86.85	180.62	10,378.64	-3,006.54	-783.87	3,087.68	1.41	-1.41	0.09
13,069.00	90.20	179.27	10,381.11	-3,102.50	-783.77	3,182.63	3.76	3.49	-1.41
13,164.00	89.40	178.87	10,381.45	-3,197.48	-782.23	3,276.43	0.94	-0.84	-0.42
13,259.00	91.51	178.95	10,380.69	-3,292.46	-780.43	3,370.17	2.22	2.22	0.08
13,354.00	91.17	179.04	10,378.47	-3,387.42	-778.76	3,463.92	0.37	-0.36	0.09
13,449.00	90.54	179.57	10,377.05	-3,482.40	-777.61	3,557.76	0.87	-0.66	0.56
13,543.00	90.54	179.58	10,376.17	-3,576.39	-776.91	3,650.69	0.01	0.00	0.01
13,637.00	91.14	179.40	10,374.79	-3,670.38	-776.07	3,743.59	0.67	0.64	-0.19
13,732.00	91.68	180.03	10,372.45	-3,765.34	-775.60	3,837.52	0.87	0.57	0.66
13,827.00	92.01	180.70	10,369.39	-3,860.29	-776.21	3,931.58	0.79	0.35	0.71
13,923.00	92.01	180.63	10,366.02	-3,956.23	-777.32	4,026.69	0.07	0.00	-0.07
14,018.00	92.15	181.88	10,362.58	-4,051.14	-779.40	4,120.93	1.32	0.15	1.32
14,112.00	92.08	182.28	10,359.11	-4,145.01	-782.81	4,214.33	0.43	-0.07	0.43
14,207.00	91.44	181.77	10,356.19	-4,239.91	-786.16	4,308.73	0.86	-0.67	-0.54
14,302.00	91.58	182.22	10,353.69	-4,334.82	-789.47	4,403.14	0.50	0.15	0.47
14,398.00	91.34	182.00	10,351.24	-4,430.72	-793.00	4,498.56	0.34	-0.25	-0.23
14,492.00	91.91	182.47	10,348.57	-4,524.61	-796.67	4,592.01	0.79	0.61	0.50
14,587.00	92.38	183.46	10,345.02	-4,619.42	-801.58	4,686.55	1.15	0.49	1.04
14,682.00	92.48	184.36	10,340.99	-4,714.11	-808.05	4,781.19	0.95	0.11	0.95
14,777.00	92.55	184.50	10,336.82	-4,808.73	-815.38	4,875.89	0.16	0.07	0.15
14,873.00	93.25	185.05	10,331.97	-4,904.28	-823.36	4,971.60	0.93	0.73	0.57
14,968.00	93.46	185.64	10,326.41	-4,998.70	-832.19	5,066.31	0.66	0.22	0.62
15,005.00	93.66	185.86	10,324.11	-5,035.45	-835.89	5,103.21	0.80	0.54	0.59
FINAL MWD Survey (15005.00' MD)									
15,070.00	93.66	185.86	10,319.96	-5,099.97	-842.52	5,168.02	0.00	0.00	0.00
FINAL Proj. to Bit (15070.00' MD) - BHL 115.05 FSL 2067 FEL									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,905.08	6,839.23	-38.25	-825.35	100 FNL 6905.08 MD
15,005.00	10,324.11	-5,035.45	-835.89	FINAL MWD Survey (15005.00' MD)
15,070.00	10,319.96	-5,099.97	-842.52	FINAL Proj. to Bit (15070.00' MD)
15,070.00	10,319.96	-5,099.97	-842.52	BHL 115.05 FSL 2067 FEL

Checked By: _____ Approved By: _____ Date: _____

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM18848

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PURRITO 18 FED COM 213H9. API Well No.
30-025-46249-00-X110. Field and Pool or Exploratory Area
WOLFCAMP11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Contact: REBECCA DEAL

DEVON ENERGY PRODUCTION COMPANY
E-mail: Rebecca.Deal@devon.com

3a. Address

333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-228-8429

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T23S R32E NENE 71FNL 1196FEL
32.311562 N Lat, 103.709091 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Hydraulic Fracture
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Revision of Completion Ops Summary to include OCD requested language:

7/2/20 - 9/16/20: MIRU WL & PT. TIH & ran CBL, found TOC @ 6770'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 10,823'-15,045'. Frac totals 8,961,580# prop, 18 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 15,043'. CHC, FWB, ND BOP. RIH w/ 299 jts 2-7/8" L-80 tubing, set @ 10,012'. TOP.

Request for OCD extension of time to file BLM- approved Form 3160-4

Formation Top Depth

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #537249 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COMPANY, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 11/16/2020 (21PP0519SE)	
Name (Printed/Typed) REBECCA DEAL	Title REGULATORY COMPLIANCE PROFESSI
Signature (Electronic Submission)	Date 11/13/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROELUM ENGINEER	Date 12/30/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #537249 that would not fit on the form

32. Additional remarks, continued

Rustler 951
Top of Salado 1324
Base of Salado 4362
Delaware 4610
Bone Spring 8520

Revisions to Operator-Submitted EC Data for Sundry Notice #537249

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF SR	HF SR
Lease:	NMNM18848	NMNM18848
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405-228-8429	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 4055526571
Admin Contact:	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429
Tech Contact:	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	SAND DUNE; BONE SPRING	WOLFCAMP
Well/Facility:	PURRITO 18 FED COM 213H Sec 18 T23S R32E Mer NMP NENE 71FNL 1196FEL	PURRITO 18 FED COM 213H Sec 18 T23S R32E NENE 71FNL 1196FEL 32.311562 N Lat, 103.709091 W Lon

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. 30-025-46249								
		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 Purrito 18 Fed Com				
						6. Well Number: 213H				
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 Sand Dunes; Bone Spring				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	18	23S	32E		71	North	1196	East	Lea
BH:	O	18	23S	32E		117	South	2072	East	Lea
13. Date Spudded 1/1/20	14. Date T.D. Reached 1/14/20	15. Date Rig Released 1/16/20		16. Date Completed (Ready to Produce) 9/16/20		17. Elevations (DF and RKB, RT, GR, etc.) 3570.9 GL				
18. Total Measured Depth of Well 15,070' MD, 10,320' TVD		19. Plug Back Measured Depth 15,043'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 10823-15045, Bone Spring										
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	1017'	17.5	1050 sx CIC; circ 543 sx						
9.625	40	8912'	12.25	1630 sx CIC; circ 0 sx	TOC @ 6180'					
5.5	20	15,060'	8.75 & 8.5	1130 sx CIC; circ 345 sx	TOC @ 6789'					
				Squeeze - 1725 sx CIC						
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
					2-7/8" L-80	10,012'				
26. Perforation record (interval, size, and number) 10823 - 15045, total 544 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10823-15045 Acidize and frac in 19 stages. See detailed summary attached.						
28. PRODUCTION										
Date First Production 9/16/20		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing					
Date of Test 10/6/20	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 966	Gas - MCF 1354	Water - Bbl. 2138	Gas - Oil Ratio 1401.65631			
Flow Tubing Press. 0 psi	Casing Pressure psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude		Longitude		NAD 1927 1983						
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature	Rebecca Deal		Printed Name	Rebecca Deal	Title	Regulatory Analyst	Date 3/8/2021			
E-mail Address	Rebecca.Deal@dmv.com			Fed Compl Rpt submitted 10/12/2020						

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.

[illegible]

No. 1, from..... N/Ato..... N/A
 No. 2, from..... N/Ato..... N/A
 No. 3, from..... N/Ato..... N/A
 No. 4, from..... N/Ato..... 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 20069

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 20069
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 20069

CONDITIONS

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	Action Number: 20069
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 within 10 days to NMOCD after BLM approval.	6/28/2021