

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 / 1/19/21
⁴ API Number 30-025-47211	⁵ Pool Name SAND DUNES; BONE SPRING, SOUTH	⁶ Pool Code 53805
⁷ Property Code 328252	⁸ Property Name RIGHT MEOW 31-30 FED COM	⁹ Well Number 231H

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
4	31	23S	32E		10	South	830	West	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
1	30	23S	32E		103	North	715	West	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/19/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

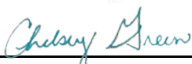
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 8/23/20	²² Ready Date 1/19/21	²³ TD 21004	²⁴ PBDT 21001	²⁵ Perforations 10640 - 20992	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1004	780		
12.25	9.625	8582	975		
12.25 CMT SQZ	9.625	7000	2075		
8.75	5.5	21004	2655		

V. Well Test Data

³¹ Date New Oil 2/11/21	³² Gas Delivery Date 2/11/21	³³ Test Date 2/11/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure 1090 psi
³⁷ Choke Size	³⁸ Oil 1551 bbl	³⁹ Water 4743 bbl	⁴⁰ Gas 2404 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: Chelsey Green			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Specialist			Title: LM II		
E-mail Address: chelsey.green@dvn.com			Approval Date: 4/20/2021		
Date: 2/25/2021		Phone: 405-228-8595	FILE BLM 3160-4 COMPLETION REPORT & BLM 3160-5 COMPLETION SUNDRY WITHIN 10 DAYS TO NMOC D AFTER BLM APROVAL.		

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
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District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47211	² Pool Code 53805	³ Pool Name SAND DUNES ; BONE SPRING, SOUTH
⁴ Property Code 328252	⁵ Property Name RIGHT MEOW 31-30 FED COM	⁶ Well Number 231H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3543.7

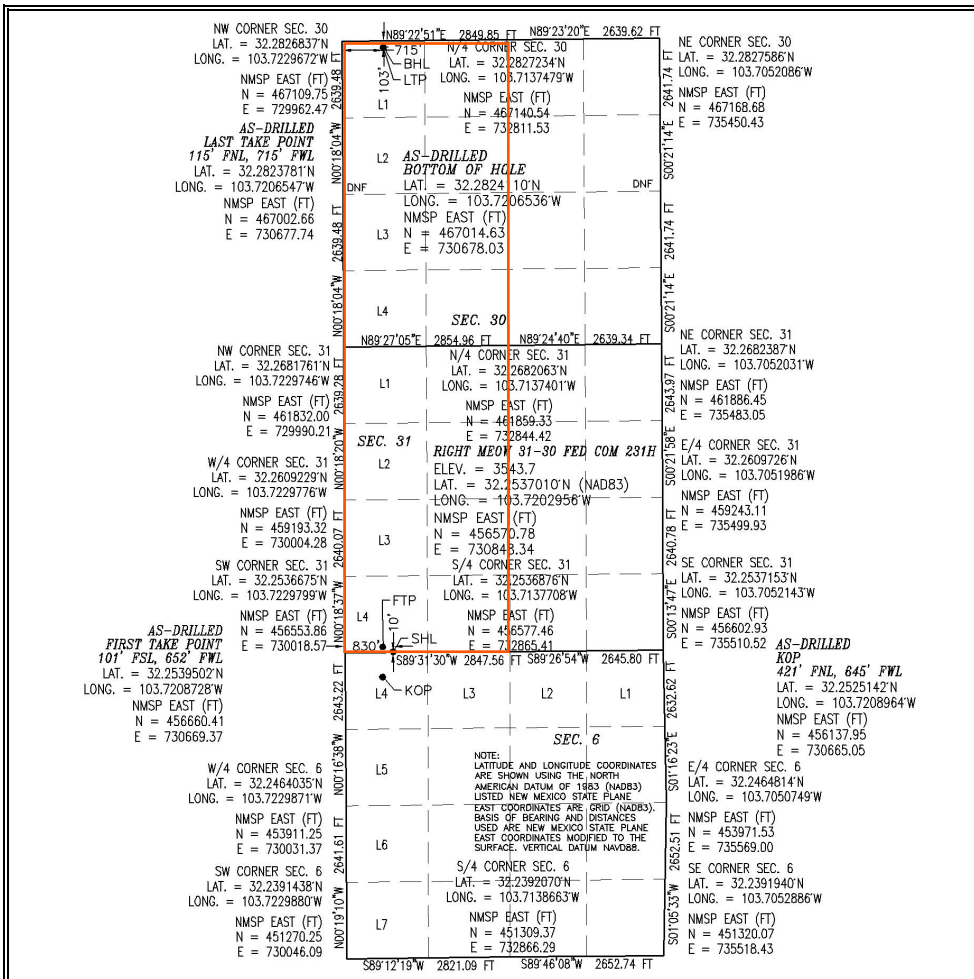
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	23 S	32 E		10	SOUTH	830	WEST	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
1	30	23 S	32 E		103	NORTH	715	WEST	LEA
¹² Dedicated Acres 691.6	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.

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.

Signature: Chelsey Green Date: 02/22/21

Printed Name: CHELSEY GREEN

E-mail Address: CHELSEY.GREEN@DVN.COM

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.

FEBRUARY 16, 2021

Date of Survey

Signature and Seal of Professional Surveyor: LIMON F. JARAMILLO
Certificate Number: 152797
Professional Surveyor License No. 7601

Intent ☐ As Drilled ☒

API # 30-025-47211		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: RIGHT MEOW 31-30 FED COM	Well Number 231H

Kick Off Point (KOP)

UL	Section 6	Township 24S	Range 32E	Lot 4	Feet 421	From N/S NORTH	Feet 645	From E/W WEST	County LEA
Latitude 32.2525142					Longitude 103.7208964			NAD 83	

First Take Point (FTP)

UL	Section 31	Township 23S	Range 32E	Lot 4	Feet 101	From N/S SOUTH	Feet 652	From E/W WEST	County LEA
Latitude 32.2539502					Longitude 103.7208728			NAD 83	

Last Take Point (LTP)

UL	Section 30	Township 23S	Range 32E	Lot 1	Feet 115	From N/S NORTH	Feet 715	From E/W WEST	County LEA
Latitude 32.2823781					Longitude 103.7206547			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

☐ NO

Is this well an infill well?

☐ YES

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

API # 30-025-47210		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP	Property Name: RIGHT MEOW 31-30 FED COM	Well Number 230H

KZ 06/29/2018



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **08/23/20** thru **09/30/20** conduct or supervise the taking of a **MWD Survey** from a depth of **216'** to a depth of **21004'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Devon Energy** for the **Right Meow 31-30 Fed Com 231H** API No. **30-025-47211** in **Lea County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

*13901 Hwy 105 W., Conroe, Texas
77304
PH 936-539-9602*



Devon Energy

Lea Co., NM (Nad83 - East Zone)

Catty Shack / Right Meow

Right Meow 31-30 Fed Com 231H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

01 October, 2020





Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Right Meow 31-30 Fed Com 231H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Site:	Catty Shack / Right Meow	MD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Well:	Right Meow 31-30 Fed Com 231H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Project	Lea Co., NM (Nad83 - East Zone)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Catty Shack / Right Meow		
Site Position:		Northing:	456,571.05 usft
From:	Map	Easting:	730,878.32 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.253701
		Longitude:	-103.720199
		Grid Convergence:	0.327 °

Well	Right Meow 31-30 Fed Com 231H		
Well Position	+N/-S	0.00 usft	Northing: 456,570.78 usft
	+E/-W	0.00 usft	Easting: 730,848.34 usft
Position Uncertainty	0.00 usft		Wellhead Elevation: usft
			Latitude: 32.253701
			Longitude: -103.720296
			Ground Level: 3,543.70 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	07/31/20	6.686
			Dip Angle (°) 60.026
			Field Strength (nT) 47,618.40846835

Design	Wellbore #1		
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 (°) 359.70

Survey Program	Date	10/01/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
216.00	1,081.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM
1,176.00	7,829.00	Survey #2 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM
7,925.00	8,539.00	Survey #3 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM
8,696.00	12,306.00	Survey #4 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM
12,434.00	21,004.00	Survey #5 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
216.00	0.18	240.24	216.00	-0.17	-0.29	-0.17	0.08	0.08	0.00	
310.00	0.13	260.28	310.00	-0.26	-0.53	-0.26	0.08	-0.05	21.32	
405.00	0.31	241.82	405.00	-0.40	-0.86	-0.39	0.20	0.19	-19.43	
499.00	0.31	235.93	499.00	-0.66	-1.30	-0.66	0.03	0.00	-6.27	
594.00	0.18	251.31	594.00	-0.85	-1.65	-0.84	0.15	-0.14	16.19	
689.00	0.26	226.53	689.00	-1.05	-1.95	-1.04	0.13	0.08	-26.08	



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Right Meow 31-30 Fed Com 231H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Site:	Catty Shack / Right Meow	MD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Well:	Right Meow 31-30 Fed Com 231H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
784.00	0.22	195.32	783.99	-1.37	-2.15	-1.36	0.14	-0.04	-32.85	
878.00	0.13	237.51	877.99	-1.61	-2.29	-1.59	0.16	-0.10	44.88	
935.00	0.13	138.90	934.99	-1.69	-2.30	-1.68	0.35	0.00	-173.00	
1,081.00	0.22	45.73	1,080.99	-1.62	-1.99	-1.61	0.18	0.06	-63.81	
1,176.00	0.13	51.89	1,175.99	-1.42	-1.78	-1.41	0.10	-0.09	6.48	
1,270.00	0.35	121.50	1,269.99	-1.51	-1.45	-1.50	0.35	0.23	74.05	
1,365.00	0.26	134.94	1,364.99	-1.81	-1.05	-1.81	0.12	-0.09	14.15	
1,459.00	0.44	139.07	1,458.99	-2.24	-0.66	-2.23	0.19	0.19	4.39	
1,554.00	0.57	157.62	1,553.99	-2.95	-0.24	-2.95	0.22	0.14	19.53	
1,649.00	0.48	133.45	1,648.98	-3.66	0.23	-3.66	0.25	-0.09	-25.44	
1,745.00	0.40	140.92	1,744.98	-4.20	0.73	-4.20	0.10	-0.08	7.78	
1,841.00	0.26	137.84	1,840.98	-4.62	1.09	-4.62	0.15	-0.15	-3.21	
1,935.00	0.22	169.40	1,934.98	-4.95	1.26	-4.96	0.14	-0.04	33.57	
2,030.00	1.32	194.80	2,029.97	-6.19	1.02	-6.19	1.18	1.16	26.74	
2,126.00	1.71	200.69	2,125.93	-8.60	0.23	-8.60	0.44	0.41	6.14	
2,221.00	2.73	206.31	2,220.86	-11.95	-1.27	-11.95	1.10	1.07	5.92	
2,317.00	2.86	184.07	2,316.75	-16.39	-2.46	-16.38	1.13	0.14	-23.17	
2,411.00	4.00	209.56	2,410.58	-21.58	-4.24	-21.56	2.00	1.21	27.12	
2,507.00	4.79	210.70	2,506.30	-27.94	-7.94	-27.90	0.83	0.82	1.19	
2,603.00	4.22	213.96	2,602.00	-34.32	-11.96	-34.25	0.65	-0.59	3.40	
2,698.00	4.79	212.37	2,696.71	-40.57	-16.04	-40.48	0.61	0.60	-1.67	
2,793.00	5.27	209.83	2,791.35	-47.70	-20.33	-47.60	0.56	0.51	-2.67	
2,888.00	4.57	209.21	2,885.99	-54.79	-24.35	-54.66	0.74	-0.74	-0.65	
2,984.00	5.27	204.82	2,981.64	-62.13	-28.06	-61.98	0.83	0.73	-4.57	
3,078.00	5.54	204.64	3,075.22	-70.17	-31.77	-70.01	0.29	0.29	-0.19	
3,173.00	5.10	204.11	3,169.81	-78.19	-35.40	-78.01	0.47	-0.46	-0.56	
3,268.00	4.62	204.99	3,264.47	-85.52	-38.75	-85.31	0.51	-0.51	0.93	
3,362.00	4.04	202.09	3,358.20	-92.02	-41.59	-91.80	0.66	-0.62	-3.09	
3,457.00	5.54	208.68	3,452.87	-99.14	-45.05	-98.90	1.68	1.58	6.94	
3,553.00	5.58	207.19	3,548.42	-107.36	-49.41	-107.10	0.16	0.04	-1.55	
3,648.00	5.01	208.60	3,643.01	-115.11	-53.50	-114.83	0.62	-0.60	1.48	
3,743.00	4.62	206.66	3,737.68	-122.17	-57.20	-121.87	0.44	-0.41	-2.04	
3,838.00	3.74	196.99	3,832.42	-128.55	-59.83	-128.24	1.18	-0.93	-10.18	
3,933.00	5.54	190.40	3,927.11	-136.03	-61.56	-135.70	1.97	1.89	-6.94	
4,027.00	6.29	190.93	4,020.61	-145.55	-63.36	-145.21	0.80	0.80	0.56	
4,122.00	5.71	187.77	4,115.09	-155.34	-64.98	-155.00	0.70	-0.61	-3.33	
4,217.00	6.11	180.82	4,209.58	-165.08	-65.69	-164.73	0.86	0.42	-7.32	
4,312.00	6.42	189.35	4,304.02	-175.37	-66.63	-175.02	1.03	0.33	8.98	
4,407.00	6.02	188.82	4,398.46	-185.54	-68.25	-185.18	0.43	-0.42	-0.56	
4,502.00	5.23	187.24	4,493.00	-194.75	-69.56	-194.39	0.85	-0.83	-1.66	
4,597.00	4.48	185.13	4,587.66	-202.74	-70.44	-202.37	0.81	-0.79	-2.22	
4,691.00	4.22	205.26	4,681.39	-209.53	-72.25	-209.15	1.64	-0.28	21.41	
4,787.00	4.22	215.28	4,777.13	-215.61	-75.79	-215.21	0.77	0.00	10.44	



Survey Report



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Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,882.00	3.87	217.38	4,871.90	-221.01	-79.76	-220.59	0.40	-0.37	2.21
4,978.00	4.79	218.35	4,967.62	-226.73	-84.21	-226.28	0.96	0.96	1.01
5,073.00	5.32	220.02	5,062.25	-233.21	-89.51	-232.74	0.58	0.56	1.76
5,168.00	4.84	217.47	5,156.88	-239.76	-94.78	-239.26	0.56	-0.51	-2.68
5,264.00	4.75	216.68	5,252.54	-246.16	-99.61	-245.64	0.12	-0.09	-0.82
5,359.00	4.48	216.24	5,347.24	-252.31	-104.16	-251.76	0.29	-0.28	-0.46
5,453.00	5.19	216.33	5,440.90	-258.70	-108.85	-258.12	0.76	0.76	0.10
5,548.00	5.93	213.69	5,535.45	-266.24	-114.11	-265.64	0.82	0.78	-2.78
5,643.00	5.54	212.20	5,629.98	-274.21	-119.28	-273.58	0.44	-0.41	-1.57
5,738.00	5.45	211.23	5,724.54	-281.94	-124.06	-281.29	0.14	-0.09	-1.02
5,832.00	5.27	210.88	5,818.13	-289.47	-128.59	-288.79	0.19	-0.19	-0.37
5,927.00	5.14	210.62	5,912.74	-296.87	-133.00	-296.17	0.14	-0.14	-0.27
6,023.00	4.92	210.18	6,008.37	-304.13	-137.26	-303.41	0.23	-0.23	-0.46
6,118.00	4.66	212.46	6,103.04	-310.91	-141.38	-310.17	0.34	-0.27	2.40
6,214.00	4.62	211.14	6,198.72	-317.51	-145.47	-316.74	0.12	-0.04	-1.37
6,309.00	4.31	212.37	6,293.43	-323.80	-149.36	-323.01	0.34	-0.33	1.29
6,404.00	4.22	210.97	6,388.17	-329.81	-153.07	-329.01	0.14	-0.09	-1.47
6,499.00	4.09	211.41	6,482.92	-335.70	-156.63	-334.88	0.14	-0.14	0.46
6,594.00	4.09	210.44	6,577.68	-341.51	-160.12	-340.67	0.07	0.00	-1.02
6,689.00	3.96	203.41	6,672.45	-347.44	-163.14	-346.58	0.54	-0.14	-7.40
6,783.00	4.04	202.36	6,766.22	-353.48	-165.68	-352.61	0.12	0.09	-1.12
6,879.00	3.65	201.48	6,862.00	-359.46	-168.09	-358.57	0.41	-0.41	-0.92
6,973.00	3.38	202.97	6,955.82	-364.79	-170.27	-363.89	0.30	-0.29	1.59
7,068.00	2.99	210.53	7,050.68	-369.50	-172.62	-368.59	0.60	-0.41	7.96
7,163.00	2.90	207.63	7,145.55	-373.77	-174.99	-372.85	0.18	-0.09	-3.05
7,259.00	2.68	207.19	7,241.44	-377.91	-177.14	-376.98	0.23	-0.23	-0.46
7,354.00	2.59	208.95	7,336.34	-381.77	-179.20	-380.83	0.13	-0.09	1.85
7,449.00	2.29	206.40	7,431.25	-385.35	-181.08	-384.39	0.34	-0.32	-2.68
7,544.00	2.07	201.92	7,526.18	-388.64	-182.56	-387.68	0.29	-0.23	-4.72
7,639.00	1.76	198.66	7,621.13	-391.61	-183.67	-390.65	0.35	-0.33	-3.43
7,734.00	1.80	194.62	7,716.08	-394.44	-184.52	-393.47	0.14	0.04	-4.25
7,829.00	1.89	193.04	7,811.03	-397.41	-185.25	-396.43	0.11	0.09	-1.66
7,925.00	1.89	199.28	7,906.98	-400.44	-186.13	-399.46	0.21	0.00	6.50
8,020.00	1.85	191.98	8,001.93	-403.42	-186.96	-402.44	0.25	-0.04	-7.68
8,115.00	1.89	191.90	8,096.88	-406.46	-187.60	-405.47	0.04	0.04	-0.08
8,210.00	1.58	190.23	8,191.84	-409.28	-188.16	-408.29	0.33	-0.33	-1.76
8,304.00	1.67	189.17	8,285.80	-411.91	-188.61	-410.91	0.10	0.10	-1.13
8,399.00	1.76	189.79	8,380.76	-414.71	-189.08	-413.71	0.10	0.09	0.65
8,494.00	1.32	195.76	8,475.72	-417.20	-189.62	-416.20	0.49	-0.46	6.28
8,539.00	1.14	194.18	8,520.71	-418.13	-189.87	-417.13	0.41	-0.40	-3.51
8,696.00	0.88	219.14	8,677.69	-420.58	-191.01	-419.58	0.32	-0.17	15.90
8,791.00	1.49	172.47	8,772.67	-422.37	-191.31	-421.37	1.15	0.64	-49.13
8,886.00	1.58	174.14	8,867.64	-424.90	-191.02	-423.89	0.11	0.09	1.76
8,981.00	1.85	149.97	8,962.59	-427.53	-190.12	-426.53	0.81	0.28	-25.44



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Right Meow 31-30 Fed Com 231H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Site:	Catty Shack / Right Meow	MD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Well:	Right Meow 31-30 Fed Com 231H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,075.00	1.36	120.35	9,056.56	-429.41	-188.39	-428.42	1.01	-0.52	-31.51	
9,171.00	1.14	122.46	9,152.54	-430.50	-186.61	-429.51	0.23	-0.23	2.20	
9,267.00	1.54	138.99	9,248.51	-431.98	-184.95	-431.01	0.58	0.42	17.22	
9,362.00	0.84	128.35	9,343.49	-433.38	-183.57	-432.41	0.77	-0.74	-11.20	
9,457.00	0.53	134.50	9,438.48	-434.12	-182.71	-433.16	0.33	-0.33	6.47	
9,552.00	0.70	164.47	9,533.48	-434.99	-182.24	-434.03	0.38	0.18	31.55	
9,647.00	0.44	205.96	9,628.47	-435.87	-182.25	-434.91	0.50	-0.27	43.67	
9,742.00	0.53	252.89	9,723.47	-436.33	-182.82	-435.37	0.42	0.09	49.40	
9,837.00	6.90	356.08	9,818.24	-430.76	-183.64	-429.79	7.41	6.71	108.62	
9,932.00	16.35	359.77	9,911.19	-411.65	-184.08	-410.68	9.97	9.95	3.88	
10,026.00	23.87	359.50	9,999.39	-379.36	-184.30	-378.39	8.00	8.00	-0.29	
10,121.00	32.40	359.77	10,083.09	-334.60	-184.57	-333.63	8.98	8.98	0.28	
10,217.00	43.03	0.56	10,158.93	-275.96	-184.35	-274.99	11.08	11.07	0.82	
10,312.00	51.60	0.56	10,223.27	-206.19	-183.67	-205.23	9.02	9.02	0.00	
10,408.00	60.57	0.56	10,276.78	-126.61	-182.89	-125.65	9.34	9.34	0.00	
10,503.00	67.12	0.91	10,318.64	-41.39	-181.79	-40.44	6.90	6.89	0.37	
10,598.00	75.47	1.35	10,349.07	48.49	-180.01	49.43	8.80	8.79	0.46	
10,692.00	82.15	1.44	10,367.31	140.63	-177.77	141.55	7.11	7.11	0.10	
10,787.00	88.18	2.14	10,375.31	235.20	-174.81	236.11	6.39	6.35	0.74	
10,882.00	88.26	1.09	10,378.26	330.11	-172.13	331.01	1.11	0.08	-1.11	
10,977.00	89.80	0.56	10,379.87	425.08	-170.77	425.97	1.71	1.62	-0.56	
11,072.00	91.91	359.77	10,378.45	520.07	-170.49	520.95	2.37	2.22	-0.83	
11,167.00	90.64	0.03	10,376.34	615.04	-170.66	615.93	1.36	-1.34	0.27	
11,262.00	90.59	0.12	10,375.32	710.04	-170.53	710.92	0.11	-0.05	0.09	
11,357.00	88.97	359.68	10,375.68	805.03	-170.70	805.92	1.77	-1.71	-0.46	
11,451.00	88.75	359.15	10,377.55	899.01	-171.66	899.89	0.61	-0.23	-0.56	
11,547.00	89.71	359.42	10,378.84	994.99	-172.86	995.88	1.04	1.00	0.28	
11,641.00	88.04	359.68	10,380.69	1,088.97	-173.59	1,089.86	1.80	-1.78	0.28	
11,736.00	88.57	0.03	10,383.50	1,183.92	-173.83	1,184.82	0.67	0.56	0.37	
11,831.00	89.93	0.12	10,384.74	1,278.91	-173.71	1,279.81	1.43	1.43	0.09	
11,926.00	88.04	0.56	10,386.43	1,373.89	-173.15	1,374.78	2.04	-1.99	0.46	
12,021.00	88.75	1.17	10,389.09	1,468.84	-171.71	1,469.72	0.99	0.75	0.64	
12,116.00	89.89	1.61	10,390.21	1,563.81	-169.41	1,564.67	1.29	1.20	0.46	
12,211.00	88.44	1.00	10,391.60	1,658.77	-167.25	1,659.62	1.66	-1.53	-0.64	
12,306.00	88.66	1.35	10,394.00	1,753.72	-165.30	1,754.56	0.44	0.23	0.37	
12,434.00	90.15	1.96	10,395.33	1,881.65	-161.60	1,882.47	1.26	1.16	0.48	
12,529.00	87.96	0.47	10,396.90	1,976.61	-159.59	1,977.42	2.79	-2.31	-1.57	
12,624.00	87.38	0.91	10,400.76	2,071.53	-158.44	2,072.33	0.77	-0.61	0.46	
12,720.00	87.08	1.53	10,405.40	2,167.39	-156.40	2,168.18	0.72	-0.31	0.65	
12,815.00	87.47	1.53	10,409.92	2,262.25	-153.87	2,263.02	0.41	0.41	0.00	
12,910.00	87.91	2.40	10,413.74	2,357.12	-150.61	2,357.87	1.03	0.46	0.92	
13,005.00	87.38	0.73	10,417.65	2,452.00	-148.02	2,452.74	1.84	-0.56	-1.76	
13,100.00	87.38	359.50	10,421.99	2,546.89	-147.83	2,547.63	1.29	0.00	-1.29	



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Right Meow 31-30 Fed Com 231H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Site:	Catty Shack / Right Meow	MD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Well:	Right Meow 31-30 Fed Com 231H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
13,195.00	86.51	359.42	10,427.05	2,641.75	-148.72	2,642.50	0.92	-0.92	-0.08	
13,290.00	87.96	358.71	10,431.64	2,736.63	-150.27	2,737.38	1.70	1.53	-0.75	
13,386.00	88.26	358.10	10,434.80	2,832.54	-152.94	2,833.30	0.71	0.31	-0.64	
13,481.00	88.13	358.54	10,437.80	2,927.45	-155.73	2,928.23	0.48	-0.14	0.46	
13,576.00	87.96	358.36	10,441.04	3,022.36	-158.30	3,023.15	0.26	-0.18	-0.19	
13,670.00	89.49	357.92	10,443.13	3,116.28	-161.35	3,117.09	1.69	1.63	-0.47	
13,765.00	90.37	357.48	10,443.24	3,211.21	-165.16	3,212.03	1.04	0.93	-0.46	
13,859.00	89.54	356.78	10,443.32	3,305.09	-169.87	3,305.93	1.16	-0.88	-0.74	
13,954.00	89.23	356.78	10,444.34	3,399.93	-175.20	3,400.80	0.33	-0.33	0.00	
14,050.00	88.66	356.34	10,446.11	3,495.74	-180.96	3,496.64	0.75	-0.59	-0.46	
14,145.00	90.42	356.95	10,446.87	3,590.57	-186.52	3,591.50	1.96	1.85	0.64	
14,239.00	91.65	358.01	10,445.17	3,684.46	-190.65	3,685.41	1.73	1.31	1.13	
14,334.00	91.78	357.83	10,442.33	3,779.36	-194.10	3,780.32	0.23	0.14	-0.19	
14,429.00	92.04	357.57	10,439.16	3,874.23	-197.91	3,875.21	0.39	0.27	-0.27	
14,525.00	90.37	358.98	10,437.14	3,970.16	-200.80	3,971.15	2.28	-1.74	1.47	
14,620.00	90.42	359.50	10,436.49	4,065.15	-202.06	4,066.15	0.55	0.05	0.55	
14,715.00	90.86	359.68	10,435.43	4,160.14	-202.74	4,161.14	0.50	0.46	0.19	
14,810.00	90.99	0.38	10,433.89	4,255.12	-202.69	4,256.13	0.75	0.14	0.74	
14,905.00	91.78	1.53	10,431.60	4,350.08	-201.10	4,351.07	1.47	0.83	1.21	
15,000.00	88.48	0.03	10,431.38	4,445.06	-199.81	4,446.04	3.82	-3.47	-1.58	
15,095.00	86.68	359.86	10,435.39	4,539.97	-199.90	4,540.95	1.90	-1.89	-0.18	
15,189.00	87.87	359.77	10,439.86	4,633.86	-200.21	4,634.84	1.27	1.27	-0.10	
15,284.00	87.91	359.68	10,443.36	4,728.79	-200.66	4,729.78	0.10	0.04	-0.09	
15,379.00	87.65	359.77	10,447.04	4,823.72	-201.12	4,824.71	0.29	-0.27	0.09	
15,474.00	87.47	359.50	10,451.08	4,918.63	-201.72	4,919.62	0.34	-0.19	-0.28	
15,569.00	89.01	359.50	10,454.00	5,013.58	-202.55	5,014.57	1.62	1.62	0.00	
15,664.00	88.18	358.27	10,456.33	5,108.53	-204.40	5,109.53	1.56	-0.87	-1.29	
15,759.00	89.45	0.12	10,458.29	5,203.50	-205.73	5,204.50	2.36	1.34	1.95	
15,854.00	90.33	1.35	10,458.48	5,298.49	-204.51	5,299.48	1.59	0.93	1.29	
15,949.00	90.59	0.91	10,457.71	5,393.46	-202.64	5,394.45	0.54	0.27	-0.46	
16,044.00	90.99	0.73	10,456.40	5,488.45	-201.28	5,489.42	0.46	0.42	-0.19	
16,139.00	91.08	1.79	10,454.69	5,583.41	-199.19	5,584.37	1.12	0.09	1.12	
16,233.00	91.08	1.88	10,452.92	5,677.34	-196.18	5,678.29	0.10	0.00	0.10	
16,328.00	90.73	2.05	10,451.42	5,772.27	-192.93	5,773.20	0.41	-0.37	0.18	
16,423.00	90.73	2.14	10,450.21	5,867.20	-189.45	5,868.11	0.09	0.00	0.09	
16,518.00	90.68	2.14	10,449.04	5,962.13	-185.91	5,963.02	0.05	-0.05	0.00	
16,613.00	90.24	1.96	10,448.27	6,057.06	-182.51	6,057.94	0.50	-0.46	-0.19	
16,709.00	89.89	1.70	10,448.16	6,153.01	-179.44	6,153.87	0.45	-0.36	-0.27	
16,804.00	89.76	1.70	10,448.46	6,247.97	-176.62	6,248.81	0.14	-0.14	0.00	
16,900.00	89.67	1.79	10,448.93	6,343.93	-173.70	6,344.75	0.13	-0.09	0.09	
16,994.00	89.71	2.05	10,449.44	6,437.87	-170.55	6,438.68	0.28	0.04	0.28	
17,089.00	89.14	0.12	10,450.39	6,532.85	-168.75	6,533.64	2.12	-0.60	-2.03	
17,184.00	88.70	359.94	10,452.19	6,627.83	-168.70	6,628.62	0.50	-0.46	-0.19	



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Right Meow 31-30 Fed Com 231H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Site:	Catty Shack / Right Meow	MD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Well:	Right Meow 31-30 Fed Com 231H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
17,279.00	88.66	359.77	10,454.37	6,722.80	-168.94	6,723.60	0.18	-0.04	-0.18
17,374.00	88.66	0.21	10,456.60	6,817.78	-168.96	6,818.57	0.46	0.00	0.46
17,469.00	88.53	359.77	10,458.92	6,912.75	-168.98	6,913.54	0.48	-0.14	-0.46
17,564.00	88.44	0.03	10,461.44	7,007.71	-169.14	7,008.50	0.29	-0.09	0.27
17,659.00	88.18	0.21	10,464.24	7,102.67	-168.94	7,103.46	0.33	-0.27	0.19
17,754.00	88.18	1.00	10,467.26	7,197.62	-167.94	7,198.40	0.83	0.00	0.83
17,849.00	87.96	1.35	10,470.45	7,292.54	-165.99	7,293.31	0.43	-0.23	0.37
17,944.00	89.41	359.86	10,472.64	7,387.51	-164.99	7,388.27	2.19	1.53	-1.57
18,039.00	90.20	359.50	10,472.96	7,482.51	-165.52	7,483.27	0.91	0.83	-0.38
18,133.00	90.33	359.59	10,472.52	7,576.50	-166.27	7,577.27	0.17	0.14	0.10
18,228.00	90.46	359.33	10,471.87	7,671.50	-167.16	7,672.27	0.31	0.14	-0.27
18,323.00	91.08	359.77	10,470.59	7,766.48	-167.91	7,767.26	0.80	0.65	0.46
18,418.00	91.08	359.68	10,468.80	7,861.47	-168.37	7,862.24	0.09	0.00	-0.09
18,513.00	91.65	359.94	10,466.54	7,956.44	-168.68	7,957.21	0.66	0.60	0.27
18,608.00	91.52	0.38	10,463.91	8,051.40	-168.42	8,052.17	0.48	-0.14	0.46
18,702.00	90.46	358.54	10,462.29	8,145.38	-169.30	8,146.15	2.26	-1.13	-1.96
18,797.00	90.55	358.45	10,461.45	8,240.34	-171.80	8,241.13	0.13	0.09	-0.09
18,893.00	90.86	358.71	10,460.27	8,336.30	-174.18	8,337.10	0.42	0.32	0.27
18,988.00	90.46	359.42	10,459.17	8,431.28	-175.73	8,432.09	0.86	-0.42	0.75
19,083.00	89.63	358.80	10,459.10	8,526.27	-177.20	8,527.08	1.09	-0.87	-0.65
19,178.00	89.23	358.98	10,460.04	8,621.25	-179.04	8,622.07	0.46	-0.42	0.19
19,273.00	89.05	358.71	10,461.47	8,716.22	-180.96	8,717.05	0.34	-0.19	-0.28
19,368.00	89.27	359.42	10,462.86	8,811.19	-182.51	8,812.03	0.78	0.23	0.75
19,463.00	89.67	359.77	10,463.74	8,906.19	-183.18	8,907.02	0.56	0.42	0.37
19,558.00	89.05	359.77	10,464.80	9,001.18	-183.56	9,002.02	0.65	-0.65	0.00
19,653.00	88.97	0.38	10,466.44	9,096.17	-183.43	9,097.00	0.65	-0.08	0.64
19,748.00	89.10	0.82	10,468.04	9,191.15	-182.44	9,191.98	0.48	0.14	0.46
19,843.00	89.19	0.82	10,469.46	9,286.13	-181.08	9,286.95	0.09	0.09	0.00
19,938.00	88.84	359.42	10,471.09	9,381.11	-180.88	9,381.93	1.52	-0.37	-1.47
20,032.00	89.14	359.68	10,472.75	9,475.09	-181.62	9,475.91	0.42	0.32	0.28
20,128.00	88.97	0.12	10,474.33	9,571.08	-181.79	9,571.90	0.49	-0.18	0.46
20,223.00	88.00	0.03	10,476.85	9,666.04	-181.66	9,666.86	1.03	-1.02	-0.09
20,318.00	88.00	0.38	10,480.16	9,760.99	-181.32	9,761.80	0.37	0.00	0.37
20,413.00	87.78	0.47	10,483.66	9,855.92	-180.62	9,856.73	0.25	-0.23	0.09
20,508.00	87.60	0.82	10,487.49	9,950.84	-179.55	9,951.64	0.41	-0.19	0.37
20,603.00	87.52	1.00	10,491.53	10,045.74	-178.04	10,046.53	0.21	-0.08	0.19
20,699.00	87.38	1.00	10,495.80	10,141.63	-176.37	10,142.41	0.15	-0.15	0.00
20,793.00	87.16	1.09	10,500.28	10,235.51	-174.66	10,236.28	0.25	-0.23	0.10
20,889.00	86.68	0.91	10,505.44	10,331.35	-172.98	10,332.12	0.53	-0.50	-0.19
20,943.00	86.20	1.44	10,508.79	10,385.24	-171.88	10,385.99	1.32	-0.89	0.98
21,004.00	86.20	1.44	10,512.84	10,446.08	-170.35	10,446.83	0.00	0.00	0.00
TD: Y= 467016.86 / X= 730677.99 - Final Station Closure Distance= 10447.47 /Direction= 359.07 - Projection to Bit: 21004									



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Right Meow 31-30 Fed Com 231H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Site:	Catty Shack / Right Meow	MD Reference:	RKB = 30' @ 3573.70usft (Cactus 108)
Well:	Right Meow 31-30 Fed Com 231H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- Shape									
#231H Final Bit Proj @	0.00	0.00	10,512.84	10,446.08	-170.35	467,016.86	730,677.99	32.282417	-103.720654
- actual wellpath hits target center									
- Point									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
21,004.00	10,512.84	10,446.08	-170.35	TD: Y= 467016.86 / X= 730677.99
21,004.00	10,512.84	10,446.08	-170.35	Final Station Closure Distance= 10447.47 /Direction= 359.07
21,004.00	10,512.84	10,446.08	-170.35	Projection to Bit: 21004.00' MD/ 10512.84' TVD
21,004.00	10,512.84	10,446.08	-170.35	TD: Latitude= 32.282417 / Longitude= -103.720654

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

WELL API NO.	30-025-47211
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	RIGHT MEOW 31-30 FED COM
8. Well Number	231H
9. OGRID Number	6137
10. Pool name or Wildcat	SAND DUNES; BONE SPRING, SOUTH

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter 4 (lot) : 10 feet from the South line and 830 feet from the West line Section 31 Township 23S Range 32E NMPM County LEA 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3543	
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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

11/21/20-12/05/20: MIRU WL & PT. TIH w/pump through frac plug and guns. Perf Delaware,

10640'-20992', total 1234 holes. Frac totals 60 bbls acid, 20223058# prop.

ND frac, MIRU PU, NU BOP, DO plugs & CO to PBDT 21001'. CHC, FWB, ND BOP. RIH w/297 jts 2-7/8" L-80 tbg, set @ 9995'. TOP.

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

RUSTLER	861
SALT	1229
DELAWARE	4640
BONE SPRING	8374

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

SIGNATURE Chelsey Green TITLE Regulatory Specialist DATE 2/25/2021

Type or print name Chelsey Green E-mail address: chelsey.green@dmn.com PHONE: 405-228-8595
For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Specialist DATE 4/19/2021
 Conditions of Approval (if any):

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

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

CONDITIONS

Action 19000

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	19000	Action Type:	C-104C
OCD Reviewer	Condition								
plmartinez	None								