

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 / 12/12/21
⁴ API Number 30-025-47040	⁵ Pool Name Cruz; Bone Spring	⁶ Pool Code 14865
⁷ Property Code 327369	⁸ Property Name Danger Noodle 29-20 Fed Com	⁹ Well Number 8H

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
M	29	23S	33E		253	South	1242	West	Lea

¹¹ Bottom Hole Location

UL or lot no. D	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	20	23S	33E		149	North	716	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 12/12/21	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
020809	Lucid Energy Group 3100 McKinnon St. Ste 800 Dallas, TX 75201	Gas
174238	Enterprise 201 Park Avenue, Ste 1600 Oklahoma City, OK 73102	Oil

IV. Well Completion Data

²¹ Spud Date 8/12/21	²² Ready Date 12/12/21	²³ TD 20394	²⁴ PBDT 20343	²⁵ Perforations 15252 - 20334	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1341'	1410 sx cmt; Circ 637 sx		
12-1/4"	9-5/8"	5217'	1065 sx cmt; Circ 515 sx		
8-3/4" & 8-1/2"	5-1/2"	20,346'	3520 sx cmt; Circ 0 sx		
	Tubing: 2-7/8"	9693'			

V. Well Test Data

³¹ Date New Oil 1/3/22	³² Gas Delivery Date 1/3/22	³³ Test Date 1/3/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 339 psi	³⁶ Csg. Pressure 304 psi
³⁷ Choke Size	³⁸ Oil 864 bbl	³⁹ Water 5064 bbl	⁴⁰ Gas 1248 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: <i>Rebecca Deal</i>			OIL CONSERVATION DIVISION		
Printed name: Rebecca Deal			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Analyst			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: Rebecca.Deal@dmn.com			Approval Date: <i>7/14/2023</i>		
Date: 1/13/2022		Phone: 405-228-8429			

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 / 12/12/21
⁴ API Number 30-025-47040	⁵ Pool Name Triple X; Bone Spring	⁶ Pool Code 59900
⁷ Property Code 327369	⁸ Property Name Danger Noodle 29-20 Fed Com	⁹ Well Number 8H

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
M	29	23S	33E		253	South	1242	West	Lea

¹¹ Bottom Hole Location

UL or lot no. D	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	20	23S	33E		149	North	716	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 12/12/21	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
020809	Lucid Energy Group 3100 McKinnon St. Ste 800 Dallas, TX 75201	Gas
174238	Enterprise 201 Park Avenue, Ste 1600 Oklahoma City, OK 73102	Oil

IV. Well Completion Data

²¹ Spud Date 8/12/21	²² Ready Date 12/12/21	²³ TD 20394	²⁴ PBDT 20343	²⁵ Perforations 10425 - 15252	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1341'	1410 sx cmt; Circ 637 sx		
12-1/4"	9-5/8"	5217'	1065 sx cmt; Circ 515 sx		
8-3/4" & 8-1/2"	5-1/2"	20,346'	3520 sx cmt; Circ 0 sx		
	Tubing: 2-7/8"	9693'			

V. Well Test Data

³¹ Date New Oil 1/3/22	³² Gas Delivery Date 1/3/22	³³ Test Date 1/3/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 339 psi	³⁶ Csg. Pressure 304 psi
³⁷ Choke Size	³⁸ Oil 864 bbl	³⁹ Water 5064 bbl	⁴⁰ Gas 1248 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: <i>Rebecca Deal</i>			OIL CONSERVATION DIVISION		
Printed name: Rebecca Deal			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Analyst			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: Rebecca.Deal@dmn.com			Approval Date: <i>7/14/2023</i>		
Date: 1/13/2022		Phone: 405-228-8429			

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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-47040	Pool Code 14865	Pool Name CRUZ; BONE SPRING
Property Code 327369	Property Name DANGER NOODLE 29-20 FED COM	Well Number 8H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3682.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		253	SOUTH	1242	WEST	LEA

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
D	20	23-S	33-E		149	NORTH	716	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

TWO PLATS ATTACHED PER THE NMOCD

**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**

DANGER NOODLE 29-20 FED COM 8H
EL: 3682.8'
LAT: 32.269158
LON: 103.598866
N: 462429.71
E: 768348.69

KICK OFF POINT
20' FSL 695' FWL SEC. 29
LAT: 32.268522
LON: 103.600634
N: 462194.53
E: 767803.83

FIRST TAKE POINT
466' FSL 720' FWL SEC. 29
LAT: 32.269747
LON: 103.600554
N: 462640.35
E: 767825.62

LAST TAKE POINT
209' FNL 715' FWL SEC. 20
LAT: 32.296929
LON: 103.600588
N: 472528.95
E: 767747.46

BOTTOM OF HOLE
LAT: 32.297093
LON: 103.600584
N: 472588.46
E: 767748.26

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 1/10/2022
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

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.

10/06/2021
Date of Survey

Signature & Seal of Professional Surveyor

B. L. LAMAN
B. L. LAMAN
22404
PROFESSIONAL SURVEYOR

12/27/2021

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-47040	Pool Code 59900	Pool Name Triple X; Bone Spring
Property Code 327369	Property Name DANGER NOODLE 29-20 FED COM	Well Number 8H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3682.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		253	SOUTH	1242	WEST	LEA

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
D	20	23-S	33-E		149	NORTH	716	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
-------------------------------	-----------------	--------------------	-----------

TWO PLATS ATTACHED PER THE NMOCD

**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**

<u>DANGER NOODLE 29-20 FED COM 8H</u> EL: 3682.8' LAT: 32.269158 LON: 103.598866 N: 462429.71 E: 768348.69 <u>KICK OFF POINT</u> 20' FSL 695' FWL SEC. 29 LAT: 32.268522 LON: 103.600634 N: 462194.53 E: 767803.83 <u>FIRST TAKE POINT</u> 466' FSL 720' FWL SEC. 29 LAT: 32.269747 LON: 103.600554 N: 462640.35 E: 767825.62 <u>LAST TAKE POINT</u> 209' FNL 715' FWL SEC. 20 LAT: 32.296929 LON: 103.600588 N: 472528.95 E: 767747.46 <u>BOTTOM OF HOLE</u> LAT: 32.297093 LON: 103.600584 N: 472588.46 E: 767748.26 Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.		OPERATOR CERTIFICATION <i>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>Rebecca Deal</i> 1/10/2022 Signature Date Rebecca Deal, Regulatory Analyst Printed Name rebecca.deal@dvn.com E-mail Address SURVEYOR CERTIFICATION <i>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.</i> 10/06/2021 Date of Survey Signature & Seal of Professional Surveyor 12/27/2021 Certificate No. 22404 B.L. LAMAN DRAWN BY: CM
---	--	--

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



Devon Energy

Lea County, NM (NAD83 NME)

Danger Noodle Pad

Danger Noodle 29-20 Fed Com 8H

OH Wellbore

Design: As Drilled

Standard Survey Report

06 October, 2021



www.scientificdrilling.com





Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	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		

Site	Danger Noodle Pad, SH of Danger Noodle 4H				
Site Position:		Northing:	462,425.82 usft	Latitude:	32.269166
From:	Map	Easting:	767,377.69 usft	Longitude:	-103.602008
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.39 °

Well	Danger Noodle 29-20 Fed Com 8H					
Well Position	+N/-S	0.00 usft	Northing:	462,429.71 usft	Latitude:	32.269159
	+E/-W	0.00 usft	Easting:	768,348.69 usft	Longitude:	-103.598866
Position Uncertainty		0.50 usft	Wellhead Elevation:	3,712.80 usft	Ground Level:	3,682.80 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	8/30/2021	6.40	59.90	47,683.40000000

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	356.54	

Survey Program	Date	10/6/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
112.00	1,273.00	Survey #1 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	
1,364.00	20,394.00	Survey #2 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
112.00	0.60	348.80	112.00	0.58	-0.11	0.58	0.54	0.54	0.00	
206.00	0.70	345.10	205.99	1.61	-0.36	1.63	0.12	0.11	-3.94	
300.00	0.60	346.50	299.99	2.65	-0.62	2.68	0.11	-0.11	1.49	
394.00	0.50	337.00	393.98	3.50	-0.89	3.55	0.14	-0.11	-10.11	
489.00	0.60	342.10	488.98	4.36	-1.21	4.42	0.12	0.11	5.37	
583.00	0.40	331.00	582.97	5.11	-1.52	5.20	0.24	-0.21	-11.81	
678.00	0.20	330.80	677.97	5.55	-1.76	5.64	0.21	-0.21	-0.21	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
772.00	0.20	314.70	771.97	5.81	-1.96	5.91	0.06	0.00	-17.13	
867.00	0.30	313.60	866.97	6.09	-2.26	6.22	0.11	0.11	-1.16	
961.00	0.10	316.80	960.97	6.32	-2.49	6.46	0.21	-0.21	3.40	
1,056.00	0.30	302.40	1,055.97	6.52	-2.76	6.67	0.22	0.21	-15.16	
1,150.00	0.20	339.80	1,149.97	6.80	-3.02	6.97	0.20	-0.11	39.79	
1,246.00	0.30	307.80	1,245.97	7.11	-3.28	7.30	0.18	0.10	-33.33	
1,273.00	0.20	295.70	1,272.97	7.18	-3.38	7.37	0.42	-0.37	-44.81	
1,364.00	0.30	318.17	1,363.97	7.42	-3.68	7.63	0.15	0.11	24.69	
1,458.00	0.71	321.74	1,457.96	8.07	-4.20	8.30	0.44	0.44	3.80	
1,553.00	1.48	289.43	1,552.95	8.94	-5.72	9.26	1.01	0.81	-34.01	
1,648.00	2.96	270.17	1,647.87	9.35	-9.33	9.90	1.72	1.56	-20.27	
1,744.00	4.95	261.46	1,743.64	8.74	-15.91	9.69	2.16	2.07	-9.07	
1,839.00	6.31	254.03	1,838.18	6.70	-24.98	8.19	1.62	1.43	-7.82	
1,935.00	7.70	246.94	1,933.46	2.73	-35.97	4.89	1.70	1.45	-7.39	
2,030.00	8.77	242.33	2,027.48	-3.13	-48.24	-0.21	1.32	1.13	-4.85	
2,125.00	9.42	240.37	2,121.29	-10.34	-61.42	-6.61	0.76	0.68	-2.06	
2,221.00	9.63	241.87	2,215.97	-18.01	-75.33	-13.43	0.34	0.22	1.56	
2,316.00	10.12	244.85	2,309.56	-25.30	-89.89	-19.83	0.75	0.52	3.14	
2,412.00	9.88	245.00	2,404.10	-32.36	-104.99	-25.97	0.25	-0.25	0.16	
2,507.00	10.25	245.01	2,497.64	-39.38	-120.03	-32.06	0.39	0.39	0.01	
2,602.00	10.74	244.76	2,591.05	-46.72	-135.70	-38.45	0.52	0.52	-0.26	
2,697.00	10.59	244.81	2,684.41	-54.21	-151.61	-44.97	0.16	-0.16	0.05	
2,792.00	10.11	245.74	2,777.86	-61.36	-167.11	-51.16	0.53	-0.51	0.98	
2,888.00	9.88	246.25	2,872.40	-68.14	-182.33	-57.01	0.26	-0.24	0.53	
2,983.00	9.74	247.41	2,966.02	-74.50	-197.21	-62.47	0.25	-0.15	1.22	
3,078.00	10.67	248.29	3,059.51	-80.84	-212.80	-67.85	0.99	0.98	0.93	
3,174.00	11.43	248.90	3,153.73	-87.56	-229.93	-73.52	0.80	0.79	0.64	
3,269.00	10.99	249.62	3,246.92	-94.10	-247.20	-79.01	0.49	-0.46	0.76	
3,365.00	10.36	250.14	3,341.26	-100.22	-263.90	-84.11	0.66	-0.66	0.54	
3,460.00	9.78	250.97	3,434.79	-105.75	-279.56	-88.69	0.63	-0.61	0.87	
3,555.00	9.14	252.69	3,528.50	-110.63	-294.39	-92.66	0.74	-0.67	1.81	
3,651.00	9.27	252.53	3,623.26	-115.22	-309.05	-96.36	0.14	0.14	-0.17	
3,746.00	10.34	250.87	3,716.88	-120.31	-324.40	-100.51	1.16	1.13	-1.75	
3,842.00	10.45	248.82	3,811.30	-126.28	-340.66	-105.49	0.40	0.11	-2.14	
3,937.00	10.07	248.31	3,904.78	-132.46	-356.41	-110.71	0.41	-0.40	-0.54	
4,032.00	9.63	248.32	3,998.38	-138.46	-371.51	-115.79	0.46	-0.46	0.01	
4,128.00	8.94	248.40	4,093.12	-144.18	-385.91	-120.62	0.72	-0.72	0.08	
4,223.00	7.99	247.93	4,187.09	-149.38	-398.89	-125.03	1.00	-1.00	-0.49	
4,318.00	6.95	247.62	4,281.28	-154.04	-410.32	-129.00	1.10	-1.09	-0.33	
4,414.00	6.32	239.15	4,376.64	-158.97	-420.23	-133.31	1.21	-0.66	-8.82	
4,509.00	7.46	233.93	4,470.95	-165.28	-429.71	-139.04	1.37	1.20	-5.49	
4,604.00	8.63	245.77	4,565.02	-171.84	-441.19	-144.90	2.13	1.23	12.46	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,700.00	9.39	244.95	4,659.84	-178.11	-454.85	-150.33	0.80	0.79	-0.85	
4,795.00	9.90	242.16	4,753.49	-185.20	-469.10	-156.55	0.73	0.54	-2.94	
4,890.00	8.87	239.38	4,847.22	-192.75	-482.62	-163.27	1.18	-1.08	-2.93	
4,986.00	7.85	237.74	4,942.20	-200.02	-494.54	-169.81	1.09	-1.06	-1.71	
5,081.00	6.88	238.22	5,036.41	-206.48	-504.86	-175.63	1.02	-1.02	0.51	
5,164.00	5.49	241.38	5,118.93	-211.00	-512.57	-179.68	1.72	-1.67	3.81	
5,276.00	4.87	242.74	5,230.47	-215.74	-521.50	-183.87	0.56	-0.55	1.21	
5,372.00	4.56	243.24	5,326.15	-219.32	-528.53	-187.03	0.33	-0.32	0.52	
5,467.00	4.16	244.35	5,420.87	-222.52	-535.01	-189.82	0.43	-0.42	1.17	
5,562.00	3.37	245.97	5,515.67	-225.15	-540.66	-192.10	0.84	-0.83	1.71	
5,658.00	2.82	247.88	5,611.53	-227.18	-545.43	-193.85	0.58	-0.57	1.99	
5,753.00	1.88	265.54	5,706.45	-228.18	-549.15	-194.63	1.24	-0.99	18.59	
5,849.00	1.82	269.71	5,802.40	-228.31	-552.24	-194.57	0.15	-0.06	4.34	
5,944.00	0.58	301.78	5,897.37	-228.07	-554.16	-194.21	1.44	-1.31	33.76	
6,039.00	0.52	306.67	5,992.37	-227.56	-554.91	-193.65	0.08	-0.06	5.15	
6,135.00	0.74	305.51	6,088.36	-226.94	-555.77	-192.98	0.23	0.23	-1.21	
6,230.00	0.69	303.81	6,183.36	-226.26	-556.74	-192.25	0.06	-0.05	-1.79	
6,325.00	0.69	301.41	6,278.35	-225.65	-557.71	-191.58	0.03	0.00	-2.53	
6,421.00	0.70	293.64	6,374.34	-225.11	-558.74	-190.98	0.10	0.01	-8.09	
6,516.00	0.65	302.12	6,469.34	-224.59	-559.72	-190.40	0.12	-0.05	8.93	
6,612.00	0.69	297.13	6,565.33	-224.04	-560.70	-189.79	0.07	0.04	-5.20	
6,707.00	0.81	354.89	6,660.32	-223.11	-561.27	-188.83	0.77	0.13	60.80	
6,801.00	1.91	69.15	6,754.30	-221.89	-559.86	-187.70	1.98	1.17	79.00	
6,896.00	1.68	63.14	6,849.25	-220.70	-557.14	-186.67	0.31	-0.24	-6.33	
6,992.00	1.78	69.45	6,945.21	-219.54	-554.49	-185.67	0.22	0.10	6.57	
7,087.00	1.64	71.25	7,040.17	-218.58	-551.82	-184.88	0.16	-0.15	1.89	
7,182.00	1.62	72.40	7,135.13	-217.74	-549.25	-184.19	0.04	-0.02	1.21	
7,278.00	1.50	68.99	7,231.09	-216.88	-546.79	-183.48	0.16	-0.13	-3.55	
7,373.00	1.65	66.81	7,326.06	-215.89	-544.37	-182.65	0.17	0.16	-2.29	
7,469.00	1.71	63.85	7,422.02	-214.72	-541.81	-181.63	0.11	0.06	-3.08	
7,564.00	1.18	81.48	7,516.99	-213.95	-539.57	-181.00	0.72	-0.56	18.56	
7,659.00	0.71	129.90	7,611.97	-214.18	-538.16	-181.31	0.93	-0.49	50.97	
7,754.00	0.81	121.42	7,706.97	-214.91	-537.13	-182.10	0.16	0.11	-8.93	
7,849.00	0.77	128.30	7,801.96	-215.66	-536.06	-182.91	0.11	-0.04	7.24	
7,944.00	0.81	139.28	7,896.95	-216.56	-535.12	-183.87	0.16	0.04	11.56	
8,039.00	0.98	131.67	7,991.94	-217.61	-534.07	-184.98	0.22	0.18	-8.01	
8,135.00	0.77	141.25	8,087.92	-218.66	-533.06	-186.09	0.27	-0.22	9.98	
8,230.00	0.81	165.41	8,182.92	-219.81	-532.49	-187.27	0.35	0.04	25.43	
8,325.00	1.14	162.55	8,277.90	-221.36	-532.03	-188.84	0.35	0.35	-3.01	
8,420.00	1.11	166.95	8,372.88	-223.15	-531.54	-190.67	0.10	-0.03	4.63	
8,516.00	1.34	186.03	8,468.86	-225.18	-531.45	-192.69	0.48	0.24	19.88	
8,611.00	1.34	188.48	8,563.84	-227.38	-531.73	-194.87	0.06	0.00	2.58	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,706.00	1.41	191.57	8,658.81	-229.62	-532.13	-197.09	0.11	0.07	3.25	
8,802.00	1.35	185.95	8,754.78	-231.91	-532.48	-199.35	0.15	-0.06	-5.85	
8,897.00	1.51	186.80	8,849.75	-234.26	-532.75	-201.68	0.17	0.17	0.89	
8,992.00	1.43	189.22	8,944.72	-236.67	-533.09	-204.07	0.11	-0.08	2.55	
9,087.00	1.32	204.14	9,039.69	-238.84	-533.72	-206.20	0.39	-0.12	15.71	
9,182.00	1.48	198.59	9,134.66	-241.00	-534.56	-208.30	0.22	0.17	-5.84	
9,278.00	1.33	210.62	9,230.64	-243.14	-535.53	-210.38	0.34	-0.16	12.53	
9,373.00	1.60	299.43	9,325.61	-243.44	-537.24	-210.57	2.17	0.28	93.48	
9,468.00	2.15	296.53	9,420.56	-241.99	-539.99	-208.96	0.59	0.58	-3.05	
9,557.00	2.11	296.41	9,509.50	-240.51	-542.95	-207.31	0.05	-0.04	-0.13	
9,675.00	9.80	348.87	9,626.83	-229.67	-546.84	-196.25	7.35	6.52	44.46	
9,771.00	20.10	359.07	9,719.47	-205.09	-548.69	-171.60	11.03	10.73	10.63	
9,866.00	25.28	5.07	9,807.09	-168.54	-547.17	-135.21	5.97	5.45	6.32	
9,893.78	27.56	4.44	9,831.97	-156.22	-546.14	-122.97	8.28	8.22	-2.26	
FTP 100 FNL - 9893.78 MD 9831.97 TVD										
9,962.00	33.18	3.24	9,890.81	-121.82	-543.86	-88.77	8.28	8.23	-1.76	
10,057.00	42.29	1.03	9,965.86	-63.78	-541.82	-30.97	9.69	9.59	-2.33	
10,153.00	44.18	3.74	10,035.81	1.90	-539.05	34.43	2.76	1.97	2.82	
10,248.00	42.03	5.70	10,105.16	66.59	-533.73	98.68	2.67	-2.26	2.06	
10,343.00	56.87	3.85	10,166.76	138.33	-527.87	169.94	15.69	15.62	-1.95	
10,438.00	72.06	3.75	10,207.59	223.61	-522.21	254.72	15.99	15.99	-0.11	
10,504.00	82.43	4.51	10,222.14	287.73	-517.57	318.44	15.75	15.71	1.15	
10,549.00	89.66	4.55	10,225.24	332.45	-514.03	362.87	16.07	16.07	0.09	
10,644.00	92.25	2.73	10,223.66	427.23	-508.00	457.11	3.33	2.73	-1.92	
10,740.00	93.26	0.53	10,219.04	523.08	-505.27	552.62	2.52	1.05	-2.29	
10,834.00	94.30	0.08	10,212.84	616.87	-504.77	646.21	1.21	1.11	-0.48	
10,928.00	94.60	358.98	10,205.55	710.58	-505.54	739.80	1.21	0.32	-1.17	
11,022.00	93.22	359.09	10,199.14	804.35	-507.12	833.49	1.47	-1.47	0.12	
11,117.00	92.65	0.09	10,194.28	899.22	-507.80	928.23	1.21	-0.60	1.05	
11,211.00	92.08	359.72	10,190.40	993.14	-507.95	1,021.98	0.72	-0.61	-0.39	
11,305.00	92.95	0.36	10,186.27	1,087.05	-507.89	1,115.72	1.15	0.93	0.68	
11,400.00	94.03	0.05	10,180.49	1,181.87	-507.55	1,210.35	1.18	1.14	-0.33	
11,494.00	94.80	359.94	10,173.25	1,275.59	-507.56	1,303.90	0.83	0.82	-0.12	
11,589.00	93.02	359.16	10,166.78	1,370.36	-508.30	1,398.54	2.04	-1.87	-0.82	
11,684.00	92.01	357.41	10,162.61	1,465.22	-511.14	1,493.40	2.13	-1.06	-1.84	
11,777.00	91.68	356.75	10,159.61	1,558.05	-515.88	1,586.35	0.79	-0.35	-0.71	
11,872.00	89.46	357.06	10,158.67	1,652.90	-521.01	1,681.33	2.36	-2.34	0.33	
11,966.00	88.32	356.26	10,160.49	1,746.72	-526.48	1,775.31	1.48	-1.21	-0.85	
12,061.00	89.40	355.80	10,162.38	1,841.47	-533.06	1,870.29	1.24	1.14	-0.48	
12,155.00	90.30	355.73	10,162.63	1,935.22	-540.00	1,964.28	0.96	0.96	-0.07	
12,251.00	88.52	356.15	10,163.61	2,030.97	-546.80	2,060.26	1.91	-1.85	0.44	
12,441.00	89.53	358.59	10,166.85	2,220.72	-555.51	2,250.20	1.39	0.53	1.28	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,537.00	89.83	358.09	10,167.38	2,316.68	-558.29	2,346.15	0.61	0.31	-0.52	
12,632.00	89.66	356.71	10,167.81	2,411.58	-562.60	2,441.14	1.46	-0.18	-1.45	
12,727.00	90.37	356.69	10,167.78	2,506.42	-568.07	2,536.14	0.75	0.75	-0.02	
12,823.00	91.34	355.49	10,166.35	2,602.18	-574.62	2,632.12	1.61	1.01	-1.25	
12,918.00	92.08	355.90	10,163.51	2,696.87	-581.74	2,727.07	0.89	0.78	0.43	
13,013.00	91.48	358.28	10,160.56	2,791.70	-586.56	2,822.01	2.58	-0.63	2.51	
13,108.00	92.48	357.85	10,157.28	2,886.58	-589.77	2,916.92	1.15	1.05	-0.45	
13,203.00	93.36	357.42	10,152.44	2,981.38	-593.68	3,011.77	1.03	0.93	-0.45	
13,299.00	92.75	359.29	10,147.32	3,077.20	-596.44	3,107.59	2.05	-0.64	1.95	
13,395.00	93.62	0.44	10,141.99	3,173.05	-596.66	3,203.27	1.50	0.91	1.20	
13,490.00	92.08	0.75	10,137.27	3,267.92	-595.68	3,297.92	1.65	-1.62	0.33	
13,585.00	90.81	0.12	10,134.87	3,362.89	-594.96	3,392.66	1.49	-1.34	-0.66	
13,681.00	88.42	358.40	10,135.52	3,458.87	-596.20	3,488.54	3.07	-2.49	-1.79	
13,776.00	89.97	1.04	10,136.85	3,553.84	-596.66	3,583.38	3.22	1.63	2.78	
13,871.00	90.17	0.95	10,136.74	3,648.83	-595.01	3,678.09	0.23	0.21	-0.09	
13,967.00	90.57	5.51	10,136.12	3,744.65	-589.60	3,773.41	4.77	0.42	4.75	
14,062.00	89.30	4.92	10,136.22	3,839.25	-580.97	3,867.32	1.47	-1.34	-0.62	
14,157.00	89.53	3.57	10,137.19	3,933.99	-573.94	3,961.45	1.44	0.24	-1.42	
14,253.00	90.74	3.04	10,136.97	4,029.82	-568.40	4,056.78	1.38	1.26	-0.55	
14,348.00	91.34	2.30	10,135.24	4,124.70	-563.98	4,151.22	1.00	0.63	-0.78	
14,444.00	92.92	1.94	10,131.67	4,220.57	-560.43	4,246.70	1.69	1.65	-0.38	
14,539.00	92.85	4.76	10,126.89	4,315.28	-554.88	4,340.90	2.97	-0.07	2.97	
14,634.00	91.58	6.77	10,123.22	4,409.72	-545.35	4,434.59	2.50	-1.34	2.12	
14,729.00	89.97	7.21	10,121.94	4,504.00	-533.79	4,528.01	1.76	-1.69	0.46	
14,825.00	90.40	4.98	10,121.63	4,599.45	-523.60	4,622.67	2.37	0.45	-2.32	
14,920.00	87.42	2.07	10,123.43	4,694.23	-517.76	4,716.92	4.38	-3.14	-3.06	
15,016.00	90.00	3.57	10,125.59	4,790.08	-513.03	4,812.31	3.11	2.69	1.56	
15,111.00	90.60	3.55	10,125.10	4,884.90	-507.14	4,906.60	0.63	0.63	-0.02	
15,206.00	90.30	3.15	10,124.35	4,979.73	-501.58	5,000.93	0.53	-0.32	-0.42	
15,252.23	90.03	2.57	10,124.22	5,025.90	-499.28	5,046.87	1.38	-0.59	-1.25	
CSL Sec 29 into 20 - 15252.23 MD 10124.22 TVD										
15,302.00	89.73	1.95	10,124.32	5,075.63	-497.31	5,096.40	1.38	-0.59	-1.25	
15,397.00	91.38	0.72	10,123.40	5,170.60	-495.10	5,191.05	2.17	1.74	-1.29	
15,492.00	90.03	358.81	10,122.24	5,265.58	-495.49	5,285.89	2.46	-1.42	-2.01	
15,588.00	89.13	356.68	10,122.94	5,361.50	-499.27	5,381.86	2.41	-0.94	-2.22	
15,683.00	90.97	357.46	10,122.86	5,456.37	-504.12	5,476.85	2.10	1.94	0.82	
15,778.00	89.23	353.68	10,122.69	5,551.07	-511.46	5,571.82	4.38	-1.83	-3.98	
15,874.00	89.97	353.36	10,123.36	5,646.45	-522.29	5,667.68	0.84	0.77	-0.33	
15,969.00	91.78	353.72	10,121.91	5,740.83	-532.98	5,762.53	1.94	1.91	0.38	
16,064.00	92.18	352.79	10,118.63	5,835.12	-544.13	5,857.32	1.07	0.42	-0.98	
16,159.00	93.22	353.13	10,114.15	5,929.30	-555.76	5,952.03	1.15	1.09	0.36	
16,254.00	92.05	352.85	10,109.79	6,023.48	-567.34	6,046.74	1.27	-1.23	-0.29	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
16,349.00	88.96	356.04	10,108.95	6,118.01	-576.54	6,141.65	4.67	-3.25	3.36	
16,444.00	89.30	1.13	10,110.39	6,212.94	-578.88	6,236.55	5.37	0.36	5.36	
16,540.00	89.53	359.20	10,111.37	6,308.93	-578.60	6,332.35	2.02	0.24	-2.01	
16,635.00	91.21	359.20	10,110.76	6,403.91	-579.93	6,427.24	1.77	1.77	0.00	
16,730.00	90.30	356.63	10,109.51	6,498.83	-583.39	6,522.20	2.87	-0.96	-2.71	
16,825.00	89.46	357.59	10,109.71	6,593.71	-588.18	6,617.19	1.34	-0.88	1.01	
16,921.00	89.97	359.47	10,110.18	6,689.67	-590.64	6,713.13	2.03	0.53	1.96	
17,016.00	91.54	359.18	10,108.93	6,784.66	-591.76	6,808.00	1.68	1.65	-0.31	
17,112.00	92.62	359.32	10,105.45	6,880.58	-593.01	6,903.83	1.13	1.13	0.15	
17,207.00	91.58	359.55	10,101.97	6,975.51	-593.95	6,998.64	1.12	-1.09	0.24	
17,302.00	88.09	0.24	10,102.24	7,070.50	-594.12	7,093.47	3.74	-3.67	0.73	
17,398.00	88.76	359.73	10,104.88	7,166.46	-594.15	7,189.25	0.88	0.70	-0.53	
17,494.00	90.13	0.82	10,105.81	7,262.45	-593.69	7,285.04	1.82	1.43	1.14	
17,589.00	91.14	2.07	10,104.75	7,357.41	-591.29	7,379.69	1.69	1.06	1.32	
17,684.00	89.43	358.65	10,104.28	7,452.39	-590.70	7,474.46	4.02	-1.80	-3.60	
17,780.00	91.61	0.77	10,103.41	7,548.37	-591.18	7,570.29	3.17	2.27	2.21	
17,875.00	90.00	358.81	10,102.08	7,643.36	-591.53	7,665.12	2.67	-1.69	-2.06	
17,970.00	88.22	356.91	10,103.55	7,738.27	-595.08	7,760.08	2.74	-1.87	-2.00	
18,066.00	89.90	357.01	10,105.13	7,834.12	-600.17	7,856.06	1.75	1.75	0.10	
18,161.00	91.95	357.34	10,103.59	7,928.99	-604.85	7,951.04	2.19	2.16	0.35	
18,257.00	91.07	0.13	10,101.06	8,024.92	-606.97	8,046.92	3.05	-0.92	2.91	
18,352.00	91.85	1.70	10,098.64	8,119.87	-605.45	8,141.61	1.84	0.82	1.65	
18,448.00	89.80	0.87	10,097.26	8,215.83	-603.30	8,237.27	2.30	-2.14	-0.86	
18,543.00	87.89	1.57	10,099.17	8,310.79	-601.28	8,331.93	2.14	-2.01	0.74	
18,639.00	89.56	1.46	10,101.31	8,406.73	-598.74	8,427.54	1.74	1.74	-0.11	
18,734.00	86.75	0.32	10,104.37	8,501.65	-597.26	8,522.20	3.19	-2.96	-1.20	
18,829.00	85.64	0.06	10,110.67	8,596.44	-596.95	8,616.80	1.20	-1.17	-0.27	
18,925.00	86.38	359.97	10,117.35	8,692.21	-596.92	8,712.39	0.78	0.77	-0.09	
19,020.00	87.28	0.18	10,122.61	8,787.06	-596.80	8,807.06	0.97	0.95	0.22	
19,116.00	87.21	0.10	10,127.22	8,882.95	-596.57	8,902.76	0.11	-0.07	-0.08	
19,211.00	89.87	359.52	10,129.64	8,977.91	-596.88	8,997.57	2.87	2.80	-0.61	
19,306.00	90.67	359.37	10,129.19	9,072.91	-597.80	9,092.45	0.86	0.84	-0.16	
19,402.00	91.91	359.24	10,127.03	9,168.87	-598.96	9,188.31	1.30	1.29	-0.14	
19,497.00	94.23	358.30	10,121.94	9,263.71	-601.00	9,283.09	2.63	2.44	-0.99	
19,593.00	95.85	358.64	10,113.51	9,359.30	-603.55	9,378.66	1.72	1.69	0.35	
19,688.00	94.57	359.75	10,104.88	9,453.89	-604.88	9,473.17	1.78	-1.35	1.17	
19,784.00	86.61	0.36	10,103.90	9,549.81	-604.79	9,568.90	8.32	-8.29	0.64	
19,879.00	88.66	359.60	10,107.82	9,644.72	-604.82	9,663.64	2.30	2.16	-0.80	
19,975.00	92.08	2.07	10,107.20	9,740.69	-603.42	9,759.35	4.39	3.56	2.57	
20,070.00	91.84	359.26	10,103.95	9,835.62	-602.32	9,854.04	2.97	-0.25	-2.96	
20,165.00	93.43	0.05	10,099.58	9,930.51	-602.89	9,948.80	1.87	1.67	0.83	
20,261.00	94.90	0.77	10,092.61	10,026.25	-602.21	10,044.32	1.70	1.53	0.75	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,394.00	94.90	0.77	10,081.25	10,158.75	-600.43	10,176.47	0.00	0.00	0.00
Actual BH: 149.25 FNL 715 FWL - 20394 MD 10081.25 TVD - Y-472588.46 X-767748.26 - 32.297093° N 103.600584°W									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,893.78	9,831.97	-156.22	-546.14	FTP 100 FNL	
9,893.78	9,831.97	-156.22	-546.14	9893.78 MD 9831.97 TVD	
15,252.23	10,124.22	5,025.90	-499.28	CSL Sec 29 into 20	
15,252.23	10,124.22	5,025.90	-499.28	15252.23 MD 10124.22 TVD	
20,394.00	10,081.25	10,158.75	-600.43	Actual BH: 149.25 FNL 715 FWL	
20,394.00	10,081.25	10,158.75	-600.43	20394 MD 10081.25 TVD	
20,394.00	10,081.25	10,158.75	-600.43	Y-472588.46 X-767748.26	
20,394.00	10,081.25	10,158.75	-600.43	32.297093° N 103.600584°W	

Checked By: _____ Approved By: _____ Date: _____



Devon Energy

Lea County, NM (NAD83 NME)

Danger Noodle Pad

Danger Noodle 29-20 Fed Com 8H

OH Wellbore

Design: As Drilled

Survey Report - Geographic

06 October, 2021



www.scientificdrilling.com





Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	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		

Site	Danger Noodle Pad, SH of Danger Noodle 4H				
Site Position:		Northing:	462,425.82 usft	Latitude:	32.269166
From:	Map	Easting:	767,377.69 usft	Longitude:	-103.602008
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.39 °

Well	Danger Noodle 29-20 Fed Com 8H					
Well Position	+N/-S	0.00 usft	Northing:	462,429.71 usft	Latitude:	32.269159
	+E/-W	0.00 usft	Easting:	768,348.69 usft	Longitude:	-103.598866
Position Uncertainty		0.50 usft	Wellhead Elevation:	3,712.80 usft	Ground Level:	3,682.80 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	8/30/2021	6.40	59.90	47,683.40000000

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		356.54

Survey Program	Date	10/6/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
112.00	1,273.00	Survey #1 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	
1,364.00	20,394.00	Survey #2 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.00	0.00	0.00	0.00	462,429.71	768,348.69	32.269159	-103.598866	
112.00	0.60	348.80	112.00	0.58	-0.11	462,430.29	768,348.57	32.269160	-103.598867	
206.00	0.70	345.10	205.99	1.61	-0.36	462,431.32	768,348.33	32.269163	-103.598867	
300.00	0.60	346.50	299.99	2.65	-0.62	462,432.36	768,348.07	32.269166	-103.598868	
394.00	0.50	337.00	393.98	3.50	-0.89	462,433.21	768,347.79	32.269168	-103.598869	
489.00	0.60	342.10	488.98	4.36	-1.21	462,434.07	768,347.48	32.269171	-103.598870	
583.00	0.40	331.00	582.97	5.11	-1.52	462,434.82	768,347.17	32.269173	-103.598871	
678.00	0.20	330.80	677.97	5.55	-1.76	462,435.26	768,346.93	32.269174	-103.598872	
772.00	0.20	314.70	771.97	5.81	-1.96	462,435.52	768,346.73	32.269175	-103.598872	



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
867.00	0.30	313.60	866.97	6.09	-2.26	462,435.80	768,346.43	32.269175	-103.598873
961.00	0.10	316.80	960.97	6.32	-2.49	462,436.03	768,346.20	32.269176	-103.598874
1,056.00	0.30	302.40	1,055.97	6.52	-2.76	462,436.23	768,345.93	32.269176	-103.598875
1,150.00	0.20	339.80	1,149.97	6.80	-3.02	462,436.51	768,345.67	32.269177	-103.598876
1,246.00	0.30	307.80	1,245.97	7.11	-3.28	462,436.82	768,345.41	32.269178	-103.598877
1,273.00	0.20	295.70	1,272.97	7.18	-3.38	462,436.89	768,345.31	32.269178	-103.598877
1,364.00	0.30	318.17	1,363.97	7.42	-3.68	462,437.14	768,345.01	32.269179	-103.598878
1,458.00	0.71	321.74	1,457.96	8.07	-4.20	462,437.78	768,344.48	32.269181	-103.598880
1,553.00	1.48	289.43	1,552.95	8.94	-5.72	462,438.65	768,342.96	32.269183	-103.598885
1,648.00	2.96	270.17	1,647.87	9.35	-9.33	462,439.06	768,339.35	32.269184	-103.598896
1,744.00	4.95	261.46	1,743.64	8.74	-15.91	462,438.45	768,332.78	32.269183	-103.598918
1,839.00	6.31	254.03	1,838.18	6.70	-24.98	462,436.41	768,323.70	32.269177	-103.598947
1,935.00	7.70	246.94	1,933.46	2.73	-35.97	462,432.44	768,312.71	32.269167	-103.598983
2,030.00	8.77	242.33	2,027.48	-3.13	-48.24	462,426.58	768,300.44	32.269151	-103.599022
2,125.00	9.42	240.37	2,121.29	-10.34	-61.42	462,419.37	768,287.27	32.269131	-103.599065
2,221.00	9.63	241.87	2,215.97	-18.01	-75.33	462,411.70	768,273.36	32.269110	-103.599110
2,316.00	10.12	244.85	2,309.56	-25.30	-89.89	462,404.41	768,258.80	32.269091	-103.599158
2,412.00	9.88	245.00	2,404.10	-32.36	-104.99	462,397.35	768,243.70	32.269072	-103.599207
2,507.00	10.25	245.01	2,497.64	-39.38	-120.03	462,390.33	768,228.65	32.269053	-103.599255
2,602.00	10.74	244.76	2,591.05	-46.72	-135.70	462,382.99	768,212.98	32.269033	-103.599306
2,697.00	10.59	244.81	2,684.41	-54.21	-151.61	462,375.50	768,197.08	32.269012	-103.599358
2,792.00	10.11	245.74	2,777.86	-61.36	-167.11	462,368.35	768,181.58	32.268993	-103.599408
2,888.00	9.88	246.25	2,872.40	-68.14	-182.33	462,361.58	768,166.36	32.268975	-103.599458
2,983.00	9.74	247.41	2,966.02	-74.50	-197.21	462,355.21	768,151.48	32.268957	-103.599506
3,078.00	10.67	248.29	3,059.51	-80.84	-212.80	462,348.87	768,135.89	32.268940	-103.599556
3,174.00	11.43	248.90	3,153.73	-87.56	-229.93	462,342.15	768,118.76	32.268922	-103.599612
3,269.00	10.99	249.62	3,246.92	-94.10	-247.20	462,335.61	768,101.48	32.268905	-103.599668
3,365.00	10.36	250.14	3,341.26	-100.22	-263.90	462,329.49	768,084.79	32.268888	-103.599722
3,460.00	9.78	250.97	3,434.79	-105.75	-279.56	462,323.96	768,069.13	32.268873	-103.599773
3,555.00	9.14	252.69	3,528.50	-110.63	-294.39	462,319.08	768,054.29	32.268860	-103.599821
3,651.00	9.27	252.53	3,623.26	-115.22	-309.05	462,314.49	768,039.64	32.268848	-103.599869
3,746.00	10.34	250.87	3,716.88	-120.31	-324.40	462,309.40	768,024.29	32.268834	-103.599918
3,842.00	10.45	248.82	3,811.30	-126.28	-340.66	462,303.43	768,008.03	32.268818	-103.599971
3,937.00	10.07	248.31	3,904.78	-132.46	-356.41	462,297.25	767,992.28	32.268801	-103.600022
4,032.00	9.63	248.32	3,998.38	-138.46	-371.51	462,291.25	767,977.18	32.268785	-103.600071
4,128.00	8.94	248.40	4,093.12	-144.18	-385.91	462,285.53	767,962.78	32.268769	-103.600118
4,223.00	7.99	247.93	4,187.09	-149.38	-398.89	462,280.34	767,949.80	32.268755	-103.600160
4,318.00	6.95	247.62	4,281.28	-154.04	-410.32	462,275.67	767,938.36	32.268743	-103.600197
4,414.00	6.32	239.15	4,376.64	-158.97	-420.23	462,270.74	767,928.46	32.268729	-103.600229
4,509.00	7.46	233.93	4,470.95	-165.28	-429.71	462,264.43	767,918.98	32.268712	-103.600260
4,604.00	8.63	245.77	4,565.02	-171.84	-441.19	462,257.88	767,907.50	32.268694	-103.600297
4,700.00	9.39	244.95	4,659.84	-178.11	-454.85	462,251.60	767,893.83	32.268678	-103.600342
4,795.00	9.90	242.16	4,753.49	-185.20	-469.10	462,244.51	767,879.59	32.268658	-103.600388
4,890.00	8.87	239.38	4,847.22	-192.75	-482.62	462,236.96	767,866.07	32.268638	-103.600432
4,986.00	7.85	237.74	4,942.20	-200.02	-494.54	462,229.69	767,854.15	32.268618	-103.600471
5,081.00	6.88	238.22	5,036.41	-206.48	-504.86	462,223.23	767,843.83	32.268600	-103.600504
5,164.00	5.49	241.38	5,118.93	-211.00	-512.57	462,218.71	767,836.12	32.268588	-103.600529
5,276.00	4.87	242.74	5,230.47	-215.74	-521.50	462,213.97	767,827.19	32.268575	-103.600558
5,372.00	4.56	243.24	5,326.15	-219.32	-528.53	462,210.39	767,820.16	32.268566	-103.600581
5,467.00	4.16	244.35	5,420.87	-222.52	-535.01	462,207.19	767,813.68	32.268557	-103.600602
5,562.00	3.37	245.97	5,515.67	-225.15	-540.66	462,204.57	767,808.02	32.268550	-103.600620
5,658.00	2.82	247.88	5,611.53	-227.18	-545.43	462,202.53	767,803.26	32.268544	-103.600636
5,753.00	1.88	265.54	5,706.45	-228.18	-549.15	462,201.53	767,799.54	32.268542	-103.600648



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured			Vertical			Map				
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,849.00	1.82	269.71	5,802.40	-228.31	-552.24	462,201.40	767,796.45	32.268541	-103.600658	
5,944.00	0.58	301.78	5,897.37	-228.07	-554.16	462,201.64	767,794.53	32.268542	-103.600664	
6,039.00	0.52	306.67	5,992.37	-227.56	-554.91	462,202.15	767,793.77	32.268543	-103.600666	
6,135.00	0.74	305.51	6,088.36	-226.94	-555.77	462,202.77	767,792.92	32.268545	-103.600669	
6,230.00	0.69	303.81	6,183.36	-226.26	-556.74	462,203.45	767,791.94	32.268547	-103.600672	
6,325.00	0.69	301.41	6,278.35	-225.65	-557.71	462,204.06	767,790.98	32.268549	-103.600675	
6,421.00	0.70	293.64	6,374.34	-225.11	-558.74	462,204.60	767,789.95	32.268550	-103.600679	
6,516.00	0.65	302.12	6,469.34	-224.59	-559.72	462,205.12	767,788.96	32.268552	-103.600682	
6,612.00	0.69	297.13	6,565.33	-224.04	-560.70	462,205.67	767,787.99	32.268553	-103.600685	
6,707.00	0.81	354.89	6,660.32	-223.11	-561.27	462,206.60	767,787.42	32.268556	-103.600687	
6,801.00	1.91	69.15	6,754.30	-221.89	-559.86	462,207.82	767,788.82	32.268559	-103.600682	
6,896.00	1.68	63.14	6,849.25	-220.70	-557.14	462,209.01	767,791.54	32.268562	-103.600674	
6,992.00	1.78	69.45	6,945.21	-219.54	-554.49	462,210.17	767,794.20	32.268565	-103.600665	
7,087.00	1.64	71.25	7,040.17	-218.58	-551.82	462,211.13	767,796.87	32.268568	-103.600656	
7,182.00	1.62	72.40	7,135.13	-217.74	-549.25	462,211.97	767,799.43	32.268570	-103.600648	
7,278.00	1.50	68.99	7,231.09	-216.88	-546.79	462,212.83	767,801.90	32.268573	-103.600640	
7,373.00	1.65	66.81	7,326.06	-215.89	-544.37	462,213.82	767,804.32	32.268575	-103.600632	
7,469.00	1.71	63.85	7,422.02	-214.72	-541.81	462,214.99	767,806.87	32.268579	-103.600624	
7,564.00	1.18	81.48	7,516.99	-213.95	-539.57	462,215.76	767,809.11	32.268581	-103.600617	
7,659.00	0.71	129.90	7,611.97	-214.18	-538.16	462,215.53	767,810.53	32.268580	-103.600612	
7,754.00	0.81	121.42	7,706.97	-214.91	-537.13	462,214.80	767,811.56	32.268578	-103.600609	
7,849.00	0.77	128.30	7,801.96	-215.66	-536.06	462,214.06	767,812.63	32.268576	-103.600605	
7,944.00	0.81	139.28	7,896.95	-216.56	-535.12	462,213.15	767,813.57	32.268573	-103.600602	
8,039.00	0.98	131.67	7,991.94	-217.61	-534.07	462,212.10	767,814.61	32.268570	-103.600599	
8,135.00	0.77	141.25	8,087.92	-218.66	-533.06	462,211.05	767,815.63	32.268568	-103.600596	
8,230.00	0.81	165.41	8,182.92	-219.81	-532.49	462,209.91	767,816.20	32.268564	-103.600594	
8,325.00	1.14	162.55	8,277.90	-221.36	-532.03	462,208.35	767,816.65	32.268560	-103.600592	
8,420.00	1.11	166.95	8,372.88	-223.15	-531.54	462,206.56	767,817.14	32.268555	-103.600591	
8,516.00	1.34	186.03	8,468.86	-225.18	-531.45	462,204.53	767,817.24	32.268550	-103.600591	
8,611.00	1.34	188.48	8,563.84	-227.38	-531.73	462,202.33	767,816.96	32.268544	-103.600591	
8,706.00	1.41	191.57	8,658.81	-229.62	-532.13	462,200.09	767,816.56	32.268537	-103.600593	
8,802.00	1.35	185.95	8,754.78	-231.91	-532.48	462,197.80	767,816.20	32.268531	-103.600594	
8,897.00	1.51	186.80	8,849.75	-234.26	-532.75	462,195.45	767,815.94	32.268525	-103.600595	
8,992.00	1.43	189.22	8,944.72	-236.67	-533.09	462,193.04	767,815.60	32.268518	-103.600596	
9,087.00	1.32	204.14	9,039.69	-238.84	-533.72	462,190.87	767,814.96	32.268512	-103.600598	
9,182.00	1.48	198.59	9,134.66	-241.00	-534.56	462,188.71	767,814.12	32.268506	-103.600601	
9,278.00	1.33	210.62	9,230.64	-243.14	-535.53	462,186.57	767,813.16	32.268500	-103.600604	
9,373.00	1.60	299.43	9,325.61	-243.44	-537.24	462,186.27	767,811.44	32.268499	-103.600610	
9,468.00	2.15	296.53	9,420.56	-241.99	-539.99	462,187.72	767,808.70	32.268504	-103.600619	
9,557.00	2.11	296.41	9,509.50	-240.51	-542.95	462,189.20	767,805.73	32.268508	-103.600628	
9,675.00	9.80	348.87	9,626.83	-229.67	-546.84	462,200.04	767,801.84	32.268537	-103.600640	
9,771.00	20.10	359.07	9,719.47	-205.09	-548.69	462,224.62	767,799.99	32.268605	-103.600646	
9,866.00	25.28	5.07	9,807.09	-168.54	-547.17	462,261.17	767,801.52	32.268706	-103.600640	
9,893.78	27.56	4.44	9,831.97	-156.22	-546.14	462,273.49	767,802.54	32.268739	-103.600637	
FTP 100 FNL - 9893.78 MD 9831.97 TVD										
9,962.00	33.18	3.24	9,890.81	-121.82	-543.86	462,307.89	767,804.82	32.268834	-103.600628	
10,057.00	42.29	1.03	9,965.86	-63.78	-541.82	462,365.93	767,806.87	32.268993	-103.600621	
10,153.00	44.18	3.74	10,035.81	1.90	-539.05	462,431.61	767,809.63	32.269174	-103.600610	
10,248.00	42.03	5.70	10,105.16	66.59	-533.73	462,496.30	767,814.95	32.269352	-103.600591	
10,343.00	56.87	3.85	10,166.76	138.33	-527.87	462,568.04	767,820.82	32.269549	-103.600571	
10,438.00	72.06	3.75	10,207.59	223.61	-522.21	462,653.32	767,826.48	32.269783	-103.600551	
10,504.00	82.43	4.51	10,222.14	287.73	-517.57	462,717.44	767,831.11	32.269959	-103.600534	
10,549.00	89.66	4.55	10,225.24	332.45	-514.03	462,762.16	767,834.66	32.270082	-103.600522	



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,644.00	92.25	2.73	10,223.66	427.23	-508.00	462,856.95	767,840.69	32.270342	-103.600500
10,740.00	93.26	0.53	10,219.04	523.08	-505.27	462,952.79	767,843.42	32.270606	-103.600489
10,834.00	94.30	0.08	10,212.84	616.87	-504.77	463,046.58	767,843.92	32.270864	-103.600486
10,928.00	94.60	358.98	10,205.55	710.58	-505.54	463,140.29	767,843.15	32.271121	-103.600486
11,022.00	93.22	359.09	10,199.14	804.35	-507.12	463,234.06	767,841.57	32.271379	-103.600489
11,117.00	92.65	0.09	10,194.28	899.22	-507.80	463,328.93	767,840.89	32.271640	-103.600489
11,211.00	92.08	359.72	10,190.40	993.14	-507.95	463,422.85	767,840.73	32.271898	-103.600488
11,305.00	92.95	0.36	10,186.27	1,087.05	-507.89	463,516.76	767,840.80	32.272156	-103.600485
11,400.00	94.03	0.05	10,180.49	1,181.87	-507.55	463,611.58	767,841.14	32.272417	-103.600482
11,494.00	94.80	359.94	10,173.25	1,275.59	-507.56	463,705.30	767,841.13	32.272674	-103.600480
11,589.00	93.02	359.16	10,166.78	1,370.36	-508.30	463,800.07	767,840.38	32.272935	-103.600480
11,684.00	92.01	357.41	10,162.61	1,465.22	-511.14	463,894.93	767,837.54	32.273196	-103.600487
11,777.00	91.68	356.75	10,159.61	1,558.05	-515.88	463,987.76	767,832.81	32.273451	-103.600501
11,872.00	89.46	357.06	10,158.67	1,652.90	-521.01	464,082.61	767,827.68	32.273712	-103.600515
11,966.00	88.32	356.26	10,160.49	1,746.72	-526.48	464,176.43	767,822.20	32.273970	-103.600531
12,061.00	89.40	355.80	10,162.38	1,841.47	-533.06	464,271.18	767,815.63	32.274230	-103.600550
12,155.00	90.30	355.73	10,162.63	1,935.22	-540.00	464,364.93	767,808.69	32.274488	-103.600570
12,251.00	88.52	356.15	10,163.61	2,030.97	-546.80	464,460.68	767,801.89	32.274751	-103.600590
12,441.00	89.53	358.59	10,166.85	2,220.72	-555.51	464,650.43	767,793.18	32.275273	-103.600614
12,537.00	89.83	358.09	10,167.38	2,316.68	-558.29	464,746.39	767,790.39	32.275537	-103.600621
12,632.00	89.66	356.71	10,167.81	2,411.58	-562.60	464,841.29	767,786.08	32.275798	-103.600633
12,727.00	90.37	356.69	10,167.78	2,506.42	-568.07	464,936.13	767,780.62	32.276058	-103.600649
12,823.00	91.34	355.49	10,166.35	2,602.18	-574.62	465,031.89	767,774.07	32.276322	-103.600668
12,918.00	92.08	355.90	10,163.51	2,696.87	-581.74	465,126.58	767,766.94	32.276582	-103.600689
13,013.00	91.48	358.28	10,160.56	2,791.70	-586.56	465,221.41	767,762.12	32.276843	-103.600702
13,108.00	92.48	357.85	10,157.28	2,886.58	-589.77	465,316.29	767,758.92	32.277104	-103.600710
13,203.00	93.36	357.42	10,152.44	2,981.38	-593.68	465,411.09	767,755.00	32.277364	-103.600721
13,299.00	92.75	359.29	10,147.32	3,077.20	-596.44	465,506.91	767,752.25	32.277628	-103.600728
13,395.00	93.62	0.44	10,141.99	3,173.05	-596.66	465,602.76	767,752.02	32.277891	-103.600726
13,490.00	92.08	0.75	10,137.27	3,267.92	-595.68	465,697.63	767,753.01	32.278152	-103.600721
13,585.00	90.81	0.12	10,134.87	3,362.89	-594.96	465,792.60	767,753.73	32.278413	-103.600717
13,681.00	88.42	358.40	10,135.52	3,458.87	-596.20	465,888.58	767,752.49	32.278677	-103.600719
13,776.00	89.97	1.04	10,136.85	3,553.84	-596.66	465,983.55	767,752.03	32.278938	-103.600718
13,871.00	90.17	0.95	10,136.74	3,648.83	-595.01	466,078.54	767,753.68	32.279199	-103.600711
13,967.00	90.57	5.51	10,136.12	3,744.65	-589.60	466,174.36	767,759.09	32.279462	-103.600691
14,062.00	89.30	4.92	10,136.22	3,839.25	-580.97	466,268.96	767,767.72	32.279722	-103.600661
14,157.00	89.53	3.57	10,137.19	3,933.99	-573.94	466,363.70	767,774.75	32.279982	-103.600636
14,253.00	90.74	3.04	10,136.97	4,029.82	-568.40	466,459.53	767,780.29	32.280246	-103.600616
14,348.00	91.34	2.30	10,135.24	4,124.70	-563.98	466,554.41	767,784.71	32.280507	-103.600600
14,444.00	92.92	1.94	10,131.67	4,220.57	-560.43	466,650.28	767,788.26	32.280770	-103.600586
14,539.00	92.85	4.76	10,126.89	4,315.28	-554.88	466,744.99	767,793.80	32.281030	-103.600566
14,634.00	91.58	6.77	10,123.22	4,409.72	-545.35	466,839.43	767,803.34	32.281290	-103.600533
14,729.00	89.97	7.21	10,121.94	4,504.00	-533.79	466,933.71	767,814.90	32.281549	-103.600494
14,825.00	90.40	4.98	10,121.63	4,599.45	-523.60	467,029.16	767,825.09	32.281811	-103.600459
14,920.00	87.42	2.07	10,123.43	4,694.23	-517.76	467,123.94	767,830.93	32.282071	-103.600438
15,016.00	90.00	3.57	10,125.59	4,790.08	-513.03	467,219.79	767,835.65	32.282334	-103.600420
15,111.00	90.60	3.55	10,125.10	4,884.90	-507.14	467,314.61	767,841.55	32.282595	-103.600399
15,206.00	90.30	3.15	10,124.35	4,979.73	-501.58	467,409.44	767,847.10	32.282856	-103.600379
15,252.23	90.03	2.57	10,124.22	5,025.90	-499.28	467,455.61	767,849.41	32.282982	-103.600370
CSL Sec 29 into 20 - 15252.23 MD 10124.22 TVD									
15,302.00	89.73	1.95	10,124.32	5,075.63	-497.31	467,505.34	767,851.37	32.283119	-103.600363
15,397.00	91.38	0.72	10,123.40	5,170.60	-495.10	467,600.31	767,853.59	32.283380	-103.600354
15,492.00	90.03	358.81	10,122.24	5,265.58	-495.49	467,695.29	767,853.20	32.283641	-103.600353



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
15,588.00	89.13	356.68	10,122.94	5,361.50	-499.27	467,791.21	767,849.42	32.283905	-103.600363
15,683.00	90.97	357.46	10,122.86	5,456.37	-504.12	467,886.08	767,844.56	32.284166	-103.600377
15,778.00	89.23	353.68	10,122.69	5,551.07	-511.46	467,980.78	767,837.23	32.284426	-103.600398
15,874.00	89.97	353.36	10,123.36	5,646.45	-522.29	468,076.16	767,826.39	32.284688	-103.600431
15,969.00	91.78	353.72	10,121.91	5,740.83	-532.98	468,170.54	767,815.71	32.284948	-103.600464
16,064.00	92.18	352.79	10,118.63	5,835.12	-544.13	468,264.83	767,804.56	32.285207	-103.600498
16,159.00	93.22	353.13	10,114.15	5,929.30	-555.76	468,359.01	767,792.93	32.285467	-103.600533
16,254.00	92.05	352.85	10,109.79	6,023.48	-567.34	468,453.19	767,781.34	32.285726	-103.600569
16,349.00	88.96	356.04	10,108.95	6,118.01	-576.54	468,547.72	767,772.15	32.285986	-103.600596
16,444.00	89.30	1.13	10,110.39	6,212.94	-578.88	468,642.65	767,769.81	32.286247	-103.600602
16,540.00	89.53	359.20	10,111.37	6,308.93	-578.60	468,738.64	767,770.08	32.286510	-103.600599
16,635.00	91.21	359.20	10,110.76	6,403.91	-579.93	468,833.62	767,768.76	32.286772	-103.600601
16,730.00	90.30	356.63	10,109.51	6,498.83	-583.39	468,928.54	767,765.30	32.287033	-103.600610
16,825.00	89.46	357.59	10,109.71	6,593.71	-588.18	469,023.42	767,760.51	32.287293	-103.600623
16,921.00	89.97	359.47	10,110.18	6,689.67	-590.64	469,119.38	767,758.05	32.287557	-103.600629
17,016.00	91.54	359.18	10,108.93	6,784.66	-591.76	469,214.37	767,756.93	32.287818	-103.600631
17,112.00	92.62	359.32	10,105.45	6,880.58	-593.01	469,310.29	767,755.67	32.288082	-103.600633
17,207.00	91.58	359.55	10,101.97	6,975.51	-593.95	469,405.22	767,754.74	32.288343	-103.600634
17,302.00	88.09	0.24	10,102.24	7,070.50	-594.12	469,500.21	767,754.56	32.288604	-103.600632
17,398.00	88.76	359.73	10,104.88	7,166.46	-594.15	469,596.17	767,754.54	32.288868	-103.600630
17,494.00	90.13	0.82	10,105.81	7,262.45	-593.69	469,692.16	767,755.00	32.289132	-103.600626
17,589.00	91.14	2.07	10,104.75	7,357.41	-591.29	469,787.12	767,757.39	32.289393	-103.600617
17,684.00	89.43	358.65	10,104.28	7,452.39	-590.70	469,882.10	767,757.99	32.289654	-103.600613
17,780.00	91.61	0.77	10,103.41	7,548.37	-591.18	469,978.08	767,757.51	32.289918	-103.600612
17,875.00	90.00	358.81	10,102.08	7,643.36	-591.53	470,073.07	767,757.16	32.290179	-103.600611
17,970.00	88.22	356.91	10,103.55	7,738.27	-595.08	470,167.98	767,753.61	32.290440	-103.600620
18,066.00	89.90	357.01	10,105.13	7,834.12	-600.17	470,263.83	767,748.52	32.290703	-103.600635
18,161.00	91.95	357.34	10,103.59	7,928.99	-604.85	470,358.70	767,743.84	32.290964	-103.600648
18,257.00	91.07	0.13	10,101.06	8,024.92	-606.97	470,454.63	767,741.72	32.291228	-103.600653
18,352.00	91.85	1.70	10,098.64	8,119.87	-605.45	470,549.58	767,743.24	32.291489	-103.600646
18,448.00	89.80	0.87	10,097.26	8,215.83	-603.30	470,645.54	767,745.39	32.291752	-103.600636
18,543.00	87.89	1.57	10,099.17	8,310.79	-601.28	470,740.50	767,747.41	32.292013	-103.600628
18,639.00	89.56	1.46	10,101.31	8,406.73	-598.74	470,836.44	767,749.95	32.292277	-103.600617
18,734.00	86.75	0.32	10,104.37	8,501.65	-597.26	470,931.36	767,751.42	32.292538	-103.600611
18,829.00	85.64	0.06	10,110.67	8,596.44	-596.95	471,026.15	767,751.74	32.292798	-103.600608
18,925.00	86.38	359.97	10,117.35	8,692.21	-596.92	471,121.92	767,751.76	32.293062	-103.600605
19,020.00	87.28	0.18	10,122.61	8,787.06	-596.80	471,216.77	767,751.89	32.293322	-103.600603
19,116.00	87.21	0.10	10,127.22	8,882.95	-596.57	471,312.66	767,752.12	32.293586	-103.600600
19,211.00	89.87	359.52	10,129.64	8,977.91	-596.88	471,407.62	767,751.81	32.293847	-103.600599
19,306.00	90.67	359.37	10,129.19	9,072.91	-597.80	471,502.62	767,750.89	32.294108	-103.600600
19,402.00	91.91	359.24	10,127.03	9,168.87	-598.96	471,598.58	767,749.72	32.294372	-103.600601
19,497.00	94.23	358.30	10,121.94	9,263.71	-601.00	471,693.42	767,747.69	32.294633	-103.600606
19,593.00	95.85	358.64	10,113.51	9,359.30	-603.55	471,789.01	767,745.13	32.294895	-103.600612
19,688.00	94.57	359.75	10,104.88	9,453.89	-604.88	471,883.60	767,743.81	32.295155	-103.600614
19,784.00	86.61	0.36	10,103.90	9,549.81	-604.79	471,979.52	767,743.90	32.295419	-103.600612
19,879.00	88.66	359.60	10,107.82	9,644.72	-604.82	472,074.43	767,743.86	32.295680	-103.600610
19,975.00	92.08	2.07	10,107.20	9,740.69	-603.42	472,170.40	767,745.26	32.295944	-103.600603
20,070.00	91.84	359.26	10,103.95	9,835.62	-602.32	472,265.33	767,746.36	32.296205	-103.600597
20,165.00	93.43	0.05	10,099.58	9,930.51	-602.89	472,360.22	767,745.79	32.296465	-103.600597
20,261.00	94.90	0.77	10,092.61	10,026.25	-602.21	472,455.96	767,746.48	32.296729	-103.600593
20,394.00	94.90	0.77	10,081.25	10,158.75	-600.43	472,588.46	767,748.26	32.297093	-103.600584
Actual BH: 149.25 FNL 715 FWL - 20394 MD 10081.25 TVD - Y-472588.46 X-767748.26 - 32.297093° N 103.600584°W									



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com 8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Site:	Danger Noodle Pad	MD Reference:	Cactus 135 3682.8 GL 3712.8 KB @ 3712.80usft
Well:	Danger Noodle 29-20 Fed Com 8H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
9,893.78	9,831.97	-156.22	-546.14	FTP 100 FNL	
9,893.78	9,831.97	-156.22	-546.14	9893.78 MD 9831.97 TVD	
15,252.23	10,124.22	5,025.90	-499.28	CSL Sec 29 into 20	
15,252.23	10,124.22	5,025.90	-499.28	15252.23 MD 10124.22 TVD	
20,394.00	10,081.25	10,158.75	-600.43	Actual BH: 149.25 FNL 715 FWL	
20,394.00	10,081.25	10,158.75	-600.43	20394 MD 10081.25 TVD	
20,394.00	10,081.25	10,158.75	-600.43	Y-472588.46 X-767748.26	
20,394.00	10,081.25	10,158.75	-600.43	32.297093° N 103.600584°W	

Checked By: _____

Approved By: _____

Date: _____

Permit Plan

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

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised August 1, 2011

WELL API NO.	30-025-47040
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Danger Noodle 29-20 Fed Com
8. Well Number	8H
9. OGRID Number	6137
10. Pool name or Wildcat	Cruz; Bone Spring; Triple X; Bone Spring

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 M ; 253 feet from the South line and 1242 feet from the West line	
Section 29 Township 23S Range 33E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	GL: 3683'

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

NOTICE OF INTENTION TO:

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

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Completion ☒

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

10/10/21-12/12/21: MIRU WL & PT. TIH & ran CBL., found TOC @ 4260'. PT csg for 30mins, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 10,425' - 20,334'. Frac totals 20,133,000# proppant, 72 bbl acid.
 ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 20,343'. CHC, FWB, ND BOP. RIH w/290 jts 2-7/8" L-80 tbg, set @ 9693'. TOP.

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

SIGNATURE Rebecca Deal TITLE Regulatory Analyst DATE 1/13/2022

Type or print name Rebecca Deal E-mail address: Rebecca.Deal@dmn.com PHONE: 405-228-8429
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
		1. WELL API NO.		30-025-47040						
		2. Type of Lease		☐ STATE ☐ FEE ☒ FED/INDIAN						
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing:						5. Lease Name or Unit Agreement Name				
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						Danger Noodle 29-20 Fed Com 6. Well Number: 8H				
7. Type of Completion:										
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator						9. OGRID				
Devon Energy Production Company, L.P.						6137				
10. Address of Operator						11. Pool name or Wildcat				
333 West Sheridan Avenue, Oklahoma City, OK 73102						Cruz; Bone Spring; Triple X; Bone Spring				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	29	23S	33E		253	South	1242	West	Lea
BH:	D	20	23S	33E		149	North	716	West	Lea
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		3683' GL		
8/12/21	9/13/21	9/18/21		12/12/21						
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			
20394 MD, 10082 TVD			20343		Yes		CBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name										
10425-20334, Triple X; Bone Spring										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/8"	54.5		1341'		17-1/2"		1410 sx cmt; circ 637 sx			
9-5/8"	40		5217'		12-1/4"		1065 sx cmt; circ 515 sx			
5-1/2"	20		20,346'		8-3/4" & 8-1/2"		3520 sx cmt; circ 0 sx			
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2-7/8" L-80	9693'			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
10425 - 20334, total 1204 holes						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10425-20334 Acidize and frac in 41 stages. See detailed summary attached.				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
12/12/21		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
1/3/22	24			864	1248	5064	1444			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
339 psi	304 psi									
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
Sold										
31. List Attachments										
Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature	Printed Name			Title		Regulatory Analyst		Date		
Rebecca Deal	Rebecca Deal							1/13/2022		
E-mail Address		Rebecca.Deal@dmr.com								

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

[illegible]

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

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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

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

ACKNOWLEDGMENTS

Action 188191

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 188191
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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

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

CONDITIONS

Action 188191

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 188191
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	7/14/2023
plmartinez	Submit CBL Well Log (s) in OCD Permitting as [UF-WL] EP Well Log Submission.	7/14/2023