

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 / 1/4/21
⁴ API Number 30-025-47051	⁵ Pool Name BRINNINSTOOL; WOLFCAMP, WEST	⁶ Pool Code 96689 KZ
⁷ Property Code 327369	⁸ Property Name Danger Noodle 29-20 Fed Com	⁹ Well Number 5H

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	301	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
D	20	23S	33E		29	North	981	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/4/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date	SL			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	Lucid Energy Delaware, LLC 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 5/30/20	²² Ready Date 1/4/21	²³ TD 22826	²⁴ PBDT 22751	²⁵ Perforations 12768 - 22689	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1311	1165 sx cmt; Circ 489 sx		
9.875	8.625	11950	985 sx cmt; Circ 0 sx		
7.875	6	22812	2790 sx CIPOZ MIX; Circ 297.5 sx		
	Tubing:	0			

V. Well Test Data

³¹ Date New Oil 1/27/21	³² Gas Delivery Date 1/27/21	³³ Test Date 1/27/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 3192 bbl	³⁹ Water 4980 bbl	⁴⁰ Gas 6756 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: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: LM II		
E-mail Address: Rebecca.Deal@dvn.com			Approval Date: 3/19/2021		
Date: 2/4/2021		Phone: 405-228-8429	FILE 3160-4 COMPL. RPT AND 3160-5 COMPL. SUNDRY WITHIN 10 DAYS TO NMOCD AFTER BLM APPROVAL		

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS 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 30-025-47051	Pool Code 96689	Pool Name BRINNINSTOOL;WOLFCAMP, WEST KZ
Property Code 327369	Property Name DANGER NOODLE 29-20 FED COM	Well Number 5H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3680.9'

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	301	WEST	LEA

Bottom Hole Location If Different From Surface

SL

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		29	NORTH	981	WEST	LEA

Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

DANGER NOODLE 29-20 FED COM 5H
EL: 3680.9'
LAT: 32.269166
LON: 103.601910
N: 462425.94
E: 767407.69

KICK OFF POINT
25' FSL 950' FWL SEC. 29
LAT: 32.268534
LON: 103.599810
N: 462200.47
E: 768058.52

FIRST TAKE POINT
488' FSL 990' FWL SEC. 29
LAT: 32.269805
LON: 103.599682
N: 462663.24
E: 768094.96

LAST TAKE POINT
166' FNL 987' FWL SEC. 20
LAT: 32.297045
LON: 103.599708
N: 472573.04
E: 768019.16

BOTTOM OF HOLE
LAT: 32.297421
LON: 103.599727
N: 472709.81
E: 768012.29

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 **1/29/2021**
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

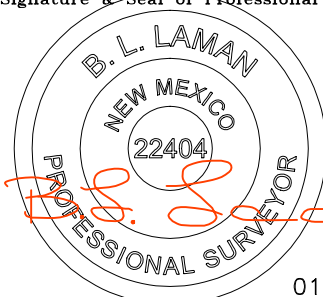
rebecca.deal@dmn.com
E-mail Address

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.

06/30/2020
Date of Survey

Signature & Seal of Professional Surveyor



01/21/21

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



Operator: Devon Energy
Well Name: Danger Noodle 29-20 Fed Com #5H
County: Lea
State: New Mexico
Rig Name: Cactus 167
API Number: 30-025-47051

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists
Survey Depths: 141' MD – 22768' MD
Projection to Bit: 22826' MD
Dates Performed: 05/31/2020 – 06/30/2020
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "JB", with a stylized flourish at the end.

James Burleson
Vice President of MWD Operations
Helix Directional Drilling Specialists





Devon Energy

**Lea County, NM (NAD 83 NME)
(Danger Noodle) Sec-29_T-23-S_R-33-E
Danger Noodle 29-20 Fed Com #5H
API# 30-025-47051
OWB**

Design: AWB

Survey Report - Geographic

29 January, 2021





Intrepid

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Project	Lea County, NM (NAD 83 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) Sec-29_T-23-S_R-33-E		
Site Position:		Northing:	462,425.82 usft
From:	Map	Easting:	767,377.69 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 16' 8.997 N
		Longitude:	103° 36' 7.227 W
		Grid Convergence:	0.39 °

Well	Danger Noodle 29-20 Fed Com #5H		
Well Position	+N/-S	0.0 usft	Northing: 462,425.94 usft
	+E/-W	0.0 usft	Easting: 767,407.69 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 16' 8.997 N
		Longitude:	103° 36' 6.877 W
		Ground Level:	3,680.9 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	05/27/20	6.49
			Dip Angle (°) 59.90
			Field Strength (nT) 47,820.64402852

Design	AWB		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°) 3.49

Survey Program	Date	01/29/21		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
141.0	22,826.0	Intrepid MWD (OWB)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	462,425.94	767,407.69	32° 16' 8.997 N	103° 36' 6.877 W
141.0	0.44	197.44	141.0	-0.5	-0.2	462,425.42	767,407.52	32° 16' 8.992 N	103° 36' 6.879 W
204.0	0.84	278.65	204.0	-0.7	-0.7	462,425.26	767,407.00	32° 16' 8.990 N	103° 36' 6.885 W
296.0	1.05	271.88	296.0	-0.5	-2.2	462,425.39	767,405.49	32° 16' 8.991 N	103° 36' 6.903 W
388.0	1.05	278.56	388.0	-0.4	-3.9	462,425.54	767,403.81	32° 16' 8.993 N	103° 36' 6.922 W
477.0	1.23	273.29	476.9	-0.2	-5.6	462,425.72	767,402.05	32° 16' 8.995 N	103° 36' 6.943 W
568.0	0.97	260.02	567.9	-0.3	-7.4	462,425.64	767,400.32	32° 16' 8.994 N	103° 36' 6.963 W
659.0	1.05	267.66	658.9	-0.5	-9.0	462,425.48	767,398.73	32° 16' 8.993 N	103° 36' 6.982 W
749.0	1.01	265.73	748.9	-0.6	-10.6	462,425.38	767,397.11	32° 16' 8.992 N	103° 36' 7.000 W
839.0	0.88	257.82	838.9	-0.8	-12.0	462,425.18	767,395.64	32° 16' 8.990 N	103° 36' 7.018 W
930.0	0.70	280.14	929.9	-0.8	-13.3	462,425.13	767,394.41	32° 16' 8.990 N	103° 36' 7.032 W
1,022.0	0.79	276.72	1,021.9	-0.6	-14.5	462,425.30	767,393.23	32° 16' 8.991 N	103° 36' 7.046 W



Intrepid

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,113.0	0.79	273.29	1,112.9	-0.5	-15.7	462,425.41	767,391.98	32° 16' 8.992 N	103° 36' 7.060 W
1,203.0	0.66	250.52	1,202.9	-0.7	-16.8	462,425.27	767,390.87	32° 16' 8.991 N	103° 36' 7.073 W
1,243.0	0.66	245.51	1,242.9	-0.8	-17.2	462,425.10	767,390.45	32° 16' 8.990 N	103° 36' 7.078 W
1,255.1	0.65	247.75	1,255.0	-0.9	-17.4	462,425.05	767,390.32	32° 16' 8.989 N	103° 36' 7.080 W
Rustler									
1,408.0	0.66	277.24	1,407.8	-1.1	-19.0	462,424.83	767,388.64	32° 16' 8.987 N	103° 36' 7.099 W
1,598.0	1.10	300.36	1,597.8	-0.1	-21.7	462,425.89	767,385.98	32° 16' 8.998 N	103° 36' 7.130 W
1,751.2	1.02	310.63	1,751.0	1.6	-24.0	462,427.52	767,383.67	32° 16' 9.014 N	103° 36' 7.157 W
Salado									
1,789.0	1.01	313.37	1,788.8	2.0	-24.5	462,427.97	767,383.17	32° 16' 9.018 N	103° 36' 7.163 W
1,979.0	1.45	104.19	1,978.8	2.6	-23.4	462,428.53	767,384.29	32° 16' 9.024 N	103° 36' 7.150 W
2,074.0	4.97	110.78	2,073.6	0.8	-18.4	462,426.78	767,389.30	32° 16' 9.006 N	103° 36' 7.091 W
2,169.0	7.78	108.49	2,168.0	-2.7	-8.4	462,423.28	767,399.25	32° 16' 8.971 N	103° 36' 6.976 W
2,359.0	8.31	107.61	2,356.1	-10.9	16.8	462,415.04	767,424.53	32° 16' 8.888 N	103° 36' 6.682 W
2,549.0	8.31	107.09	2,544.1	-19.1	43.1	462,406.85	767,450.74	32° 16' 8.805 N	103° 36' 6.377 W
2,740.0	8.40	105.15	2,733.1	-26.8	69.7	462,399.15	767,477.40	32° 16' 8.727 N	103° 36' 6.067 W
2,930.0	8.18	103.57	2,921.1	-33.6	96.3	462,392.35	767,503.94	32° 16' 8.658 N	103° 36' 5.759 W
3,118.0	7.96	99.35	3,107.3	-38.8	122.1	462,387.10	767,529.78	32° 16' 8.604 N	103° 36' 5.458 W
3,309.0	8.48	111.66	3,296.3	-46.2	148.2	462,379.75	767,555.92	32° 16' 8.530 N	103° 36' 5.154 W
3,499.0	8.31	109.37	3,484.3	-55.9	174.2	462,370.03	767,581.90	32° 16' 8.432 N	103° 36' 4.853 W
3,690.0	7.52	106.65	3,673.5	-64.1	199.2	462,361.87	767,606.89	32° 16' 8.349 N	103° 36' 4.562 W
3,880.0	6.24	105.15	3,862.1	-70.3	221.1	462,355.61	767,628.77	32° 16' 8.286 N	103° 36' 4.308 W
4,069.0	8.66	110.25	4,049.5	-77.9	244.4	462,348.00	767,652.04	32° 16' 8.209 N	103° 36' 4.038 W
4,259.0	7.03	108.32	4,237.7	-86.5	268.8	462,339.39	767,676.50	32° 16' 8.122 N	103° 36' 3.753 W
4,448.0	6.99	115.08	4,425.3	-95.1	290.2	462,330.88	767,697.89	32° 16' 8.036 N	103° 36' 3.505 W
4,638.0	6.99	114.64	4,613.9	-104.8	311.2	462,321.16	767,718.87	32° 16' 7.939 N	103° 36' 3.261 W
4,827.0	7.65	118.95	4,801.3	-115.7	332.6	462,310.28	767,740.34	32° 16' 7.830 N	103° 36' 3.012 W
5,017.0	7.08	99.26	4,989.8	-123.7	355.3	462,302.27	767,762.96	32° 16' 7.749 N	103° 36' 2.749 W
5,155.1	5.99	100.04	5,127.0	-126.3	370.8	462,299.64	767,778.46	32° 16' 7.722 N	103° 36' 2.569 W
Base of Salt - Delaware									
5,207.0	5.58	100.41	5,178.6	-127.2	375.9	462,298.72	767,783.61	32° 16' 7.712 N	103° 36' 2.509 W
5,397.0	7.12	103.57	5,367.5	-131.7	396.5	462,294.28	767,804.14	32° 16' 7.667 N	103° 36' 2.270 W
5,586.0	8.00	100.49	5,554.8	-136.8	420.8	462,289.14	767,828.46	32° 16' 7.615 N	103° 36' 1.988 W
5,776.0	7.78	97.51	5,743.0	-140.9	446.5	462,285.05	767,854.21	32° 16' 7.572 N	103° 36' 1.688 W
5,966.0	7.03	95.05	5,931.4	-143.6	470.9	462,282.35	767,878.54	32° 16' 7.544 N	103° 36' 1.405 W
6,156.0	6.42	92.94	6,120.1	-145.2	493.0	462,280.78	767,900.73	32° 16' 7.527 N	103° 36' 1.147 W
6,264.6	6.59	96.15	6,228.0	-146.1	505.3	462,279.80	767,912.98	32° 16' 7.516 N	103° 36' 1.004 W
Cherry Canyon									
6,347.0	6.73	98.47	6,309.9	-147.4	514.8	462,278.58	767,922.46	32° 16' 7.504 N	103° 36' 0.894 W
6,537.0	7.34	102.34	6,498.5	-151.6	537.6	462,274.35	767,945.33	32° 16' 7.460 N	103° 36' 0.628 W
6,728.0	7.12	94.96	6,687.9	-155.2	561.4	462,270.72	767,969.05	32° 16' 7.423 N	103° 36' 0.352 W
6,917.0	6.68	101.81	6,875.6	-158.5	583.8	462,267.46	767,991.48	32° 16' 7.389 N	103° 36' 0.091 W
7,107.0	6.73	116.14	7,064.3	-165.7	604.6	462,260.29	768,012.29	32° 16' 7.317 N	103° 35' 59.849 W
7,297.0	6.37	111.13	7,253.0	-174.4	624.4	462,251.59	768,032.11	32° 16' 7.229 N	103° 35' 59.619 W
7,409.6	5.90	111.82	7,365.0	-178.8	635.6	462,247.18	768,043.31	32° 16' 7.185 N	103° 35' 59.489 W
Brushy Canyon									
7,487.0	5.58	112.36	7,442.0	-181.7	642.8	462,244.27	768,050.49	32° 16' 7.156 N	103° 35' 59.405 W
7,676.0	4.53	110.69	7,630.3	-187.8	658.3	462,238.14	768,065.97	32° 16' 7.094 N	103° 35' 59.225 W
7,866.0	4.00	106.47	7,819.8	-192.3	671.7	462,233.61	768,079.34	32° 16' 7.048 N	103° 35' 59.070 W
8,056.0	3.56	92.76	8,009.3	-194.5	683.9	462,231.45	768,091.59	32° 16' 7.026 N	103° 35' 58.928 W
8,245.0	3.08	93.99	8,198.0	-195.1	694.8	462,230.81	768,102.52	32° 16' 7.019 N	103° 35' 58.800 W
8,434.0	2.77	94.52	8,386.8	-195.8	704.4	462,230.10	768,112.14	32° 16' 7.011 N	103° 35' 58.688 W
8,625.0	2.33	99.53	8,577.6	-196.8	712.9	462,229.09	768,120.57	32° 16' 7.001 N	103° 35' 58.590 W
8,815.0	1.89	98.39	8,767.5	-197.9	719.8	462,227.99	768,127.47	32° 16' 6.989 N	103° 35' 58.510 W



Intrepid

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,006.0	1.63	112.45	8,958.4	-199.4	725.4	462,226.50	768,133.10	32° 16' 6.974 N	103° 35' 58.445 W
9,036.6	1.55	114.28	8,989.0	-199.8	726.2	462,226.16	768,133.88	32° 16' 6.971 N	103° 35' 58.435 W
1st BSPG Lime									
9,196.0	1.14	128.00	9,148.3	-201.6	729.4	462,224.30	768,137.09	32° 16' 6.952 N	103° 35' 58.398 W
9,228.7	1.08	131.59	9,181.0	-202.0	729.9	462,223.90	768,137.57	32° 16' 6.948 N	103° 35' 58.393 W
Leonard A									
9,386.0	0.88	154.55	9,338.3	-204.1	731.5	462,221.82	768,139.20	32° 16' 6.927 N	103° 35' 58.374 W
9,470.7	0.75	161.71	9,423.0	-205.2	732.0	462,220.70	768,139.66	32° 16' 6.916 N	103° 35' 58.369 W
Leonard A Base									
9,544.7	0.66	170.11	9,497.0	-206.1	732.2	462,219.82	768,139.88	32° 16' 6.908 N	103° 35' 58.366 W
Leonard B									
9,576.0	0.62	174.41	9,528.3	-206.5	732.2	462,219.48	768,139.93	32° 16' 6.904 N	103° 35' 58.366 W
9,614.7	0.57	169.24	9,567.0	-206.9	732.3	462,219.08	768,139.99	32° 16' 6.900 N	103° 35' 58.365 W
Leonard B Base									
9,760.7	0.44	140.79	9,713.0	-208.0	732.8	462,217.93	768,140.48	32° 16' 6.889 N	103° 35' 58.359 W
Leonard C									
9,766.0	0.44	139.52	9,718.3	-208.0	732.8	462,217.90	768,140.50	32° 16' 6.889 N	103° 35' 58.359 W
9,956.0	1.36	303.87	9,908.2	-207.3	731.4	462,218.60	768,139.11	32° 16' 6.896 N	103° 35' 58.375 W
10,146.0	3.74	296.58	10,098.0	-203.3	724.0	462,222.63	768,131.69	32° 16' 6.936 N	103° 35' 58.461 W
10,154.0	3.73	296.20	10,106.0	-203.1	723.5	462,222.86	768,131.23	32° 16' 6.938 N	103° 35' 58.467 W
1st BSPG Sand									
10,336.0	3.56	287.17	10,287.7	-198.8	712.8	462,227.15	768,120.51	32° 16' 6.981 N	103° 35' 58.591 W
10,396.4	3.44	284.65	10,348.0	-197.8	709.3	462,228.16	768,116.96	32° 16' 6.992 N	103° 35' 58.632 W
2nd BSPG Lime									
10,526.0	3.21	278.65	10,477.3	-196.3	701.9	462,229.69	768,109.62	32° 16' 7.007 N	103° 35' 58.718 W
10,530.7	3.20	278.39	10,482.0	-196.2	701.7	462,229.73	768,109.36	32° 16' 7.008 N	103° 35' 58.721 W
2nd BSPG Sand									
10,717.0	3.03	267.49	10,668.1	-195.7	691.6	462,230.27	768,099.29	32° 16' 7.014 N	103° 35' 58.838 W
10,907.0	2.59	248.15	10,857.8	-197.5	682.6	462,228.45	768,090.29	32° 16' 6.996 N	103° 35' 58.943 W
11,096.0	2.77	234.70	11,046.6	-201.7	674.9	462,224.23	768,082.60	32° 16' 6.955 N	103° 35' 59.033 W
11,282.6	2.52	232.91	11,233.0	-206.8	668.0	462,219.15	768,075.65	32° 16' 6.905 N	103° 35' 59.114 W
3rd BSPG Lime									
11,287.0	2.51	232.86	11,237.4	-206.9	667.8	462,219.03	768,075.49	32° 16' 6.904 N	103° 35' 59.116 W
11,476.0	1.71	222.93	11,426.3	-211.5	662.6	462,214.47	768,070.27	32° 16' 6.859 N	103° 35' 59.177 W
11,666.0	2.15	218.71	11,616.2	-216.3	658.4	462,209.61	768,066.12	32° 16' 6.812 N	103° 35' 59.226 W
11,856.0	2.20	224.77	11,806.0	-221.7	653.6	462,204.24	768,061.32	32° 16' 6.759 N	103° 35' 59.282 W
11,896.0	2.46	216.60	11,846.0	-222.9	652.6	462,203.01	768,060.27	32° 16' 6.747 N	103° 35' 59.295 W
11,962.0	2.64	212.91	11,911.9	-225.3	650.9	462,200.60	768,058.59	32° 16' 6.723 N	103° 35' 59.314 W
11,986.1	2.83	212.10	11,936.0	-226.3	650.3	462,199.63	768,057.98	32° 16' 6.713 N	103° 35' 59.322 W
3rd BSPG Sand									
12,006.0	2.99	211.50	11,955.9	-227.2	649.8	462,198.77	768,057.44	32° 16' 6.705 N	103° 35' 59.328 W
12,102.0	9.23	0.91	12,051.6	-221.6	648.6	462,204.35	768,056.25	32° 16' 6.760 N	103° 35' 59.341 W
12,196.0	23.25	359.07	12,141.6	-195.4	648.4	462,230.57	768,056.07	32° 16' 7.020 N	103° 35' 59.341 W
12,292.0	35.91	5.40	12,224.9	-148.2	650.7	462,277.75	768,058.42	32° 16' 7.486 N	103° 35' 59.310 W
12,325.0	39.51	5.54	12,251.0	-128.1	652.7	462,297.82	768,060.35	32° 16' 7.685 N	103° 35' 59.286 W
Wolfcamp									
12,351.5	42.41	5.64	12,271.0	-110.8	654.4	462,315.10	768,062.04	32° 16' 7.856 N	103° 35' 59.265 W
WFMP X									
12,387.0	46.29	5.75	12,296.4	-86.1	656.8	462,339.81	768,064.50	32° 16' 8.100 N	103° 35' 59.234 W
12,483.0	52.31	5.48	12,359.0	-13.7	663.9	462,412.21	768,071.61	32° 16' 8.816 N	103° 35' 59.146 W
12,577.0	60.00	5.40	12,411.3	63.9	671.3	462,489.87	768,079.01	32° 16' 9.584 N	103° 35' 59.054 W
12,673.0	66.77	6.01	12,454.3	149.3	679.9	462,575.23	768,087.55	32° 16' 10.428 N	103° 35' 58.947 W



Intrepid

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
12,677.4	66.92	5.90	12,456.0	153.3	680.3	462,579.24	768,087.97	32° 16' 10.468 N	103° 35' 58.942 W
Wolfcamp_Y									
12,758.6	69.74	3.87	12,486.0	228.5	686.7	462,654.47	768,094.38	32° 16' 11.212 N	103° 35' 58.861 W
TOP of TZ									
12,768.0	70.07	3.64	12,489.2	237.3	687.3	462,663.24	768,094.95	32° 16' 11.298 N	103° 35' 58.854 W
12,863.0	83.91	359.68	12,510.6	329.6	689.9	462,755.52	768,097.54	32° 16' 12.211 N	103° 35' 58.817 W
12,958.0	90.02	0.04	12,515.6	424.4	689.6	462,850.34	768,097.31	32° 16' 13.150 N	103° 35' 58.812 W
13,053.0	90.59	0.21	12,515.1	519.4	689.8	462,945.33	768,097.52	32° 16' 14.090 N	103° 35' 58.802 W
13,148.0	89.85	359.07	12,514.7	614.4	689.2	463,040.33	768,096.92	32° 16' 15.030 N	103° 35' 58.801 W
13,243.0	89.98	359.07	12,514.9	709.4	687.7	463,135.32	768,095.38	32° 16' 15.970 N	103° 35' 58.812 W
13,338.0	89.45	358.45	12,515.3	804.4	685.6	463,230.29	768,093.32	32° 16' 16.910 N	103° 35' 58.828 W
13,433.0	90.99	1.79	12,515.0	899.3	685.8	463,325.28	768,093.52	32° 16' 17.849 N	103° 35' 58.818 W
13,528.0	91.12	2.06	12,513.2	994.3	689.0	463,420.21	768,096.71	32° 16' 18.789 N	103° 35' 58.773 W
13,623.0	87.96	2.14	12,514.0	1,089.2	692.5	463,515.13	768,100.19	32° 16' 19.728 N	103° 35' 58.725 W
13,718.0	89.05	358.28	12,516.5	1,184.1	692.9	463,610.07	768,100.54	32° 16' 20.667 N	103° 35' 58.714 W
13,814.0	90.46	357.31	12,516.9	1,280.1	689.2	463,706.00	768,096.84	32° 16' 21.616 N	103° 35' 58.749 W
13,909.0	92.53	359.68	12,514.4	1,375.0	686.7	463,800.92	768,094.35	32° 16' 22.556 N	103° 35' 58.770 W
14,032.0	92.35	358.63	12,509.1	1,497.9	684.9	463,923.80	768,092.54	32° 16' 23.772 N	103° 35' 58.782 W
14,128.0	92.40	358.01	12,505.2	1,593.7	682.0	464,019.67	768,089.73	32° 16' 24.721 N	103° 35' 58.807 W
14,223.0	89.80	359.86	12,503.3	1,688.7	680.3	464,114.63	768,087.96	32° 16' 25.661 N	103° 35' 58.820 W
14,318.0	90.07	359.51	12,503.5	1,783.7	679.8	464,209.62	768,087.44	32° 16' 26.601 N	103° 35' 58.818 W
14,413.0	88.44	0.04	12,504.7	1,878.7	679.4	464,304.61	768,087.07	32° 16' 27.541 N	103° 35' 58.815 W
14,508.0	89.10	0.12	12,506.7	1,973.6	679.5	464,399.59	768,087.20	32° 16' 28.480 N	103° 35' 58.806 W
14,604.0	88.31	359.07	12,508.9	2,069.6	678.8	464,495.56	768,086.52	32° 16' 29.430 N	103° 35' 58.806 W
14,698.0	88.40	358.72	12,511.6	2,163.6	677.0	464,589.50	768,084.71	32° 16' 30.360 N	103° 35' 58.820 W
14,793.0	87.91	358.98	12,514.7	2,258.5	675.1	464,684.43	768,082.80	32° 16' 31.299 N	103° 35' 58.835 W
14,887.0	87.91	358.63	12,518.1	2,352.4	673.2	464,778.35	768,080.84	32° 16' 32.229 N	103° 35' 58.850 W
14,982.0	87.56	358.63	12,521.8	2,447.3	670.9	464,873.25	768,078.57	32° 16' 33.168 N	103° 35' 58.869 W
15,078.0	89.71	358.81	12,524.1	2,543.3	668.7	464,969.19	768,076.43	32° 16' 34.117 N	103° 35' 58.886 W
15,172.0	90.73	359.42	12,523.8	2,637.2	667.3	465,063.18	768,074.98	32° 16' 35.048 N	103° 35' 58.896 W
15,268.0	87.74	358.01	12,525.0	2,733.2	665.1	465,159.13	768,072.83	32° 16' 35.997 N	103° 35' 58.913 W
15,362.0	90.99	2.23	12,526.1	2,827.2	665.3	465,253.09	768,073.02	32° 16' 36.927 N	103° 35' 58.903 W
15,458.0	89.49	0.56	12,525.7	2,923.1	667.7	465,349.06	768,075.36	32° 16' 37.876 N	103° 35' 58.868 W
15,553.0	90.59	3.11	12,525.6	3,018.1	670.7	465,444.00	768,078.40	32° 16' 38.816 N	103° 35' 58.825 W
15,648.0	90.46	2.06	12,524.7	3,113.0	675.0	465,538.90	768,082.69	32° 16' 39.754 N	103° 35' 58.768 W
15,743.0	90.15	1.79	12,524.2	3,207.9	678.2	465,633.84	768,085.88	32° 16' 40.694 N	103° 35' 58.723 W
15,839.0	88.40	1.09	12,525.5	3,303.9	680.6	465,729.80	768,088.29	32° 16' 41.643 N	103° 35' 58.687 W
15,933.0	89.01	1.18	12,527.6	3,397.8	682.5	465,823.76	768,090.15	32° 16' 42.573 N	103° 35' 58.658 W
16,029.0	89.67	1.27	12,528.7	3,493.8	684.5	465,919.73	768,092.20	32° 16' 43.522 N	103° 35' 58.627 W
16,123.0	88.57	1.27	12,530.1	3,587.8	686.6	466,013.69	768,094.29	32° 16' 44.452 N	103° 35' 58.595 W
16,219.0	88.09	1.00	12,532.9	3,683.7	688.5	466,109.63	768,096.19	32° 16' 45.401 N	103° 35' 58.565 W
16,314.0	92.00	0.74	12,532.9	3,778.7	689.9	466,204.60	768,097.63	32° 16' 46.341 N	103° 35' 58.541 W
16,408.0	90.11	0.21	12,531.1	3,872.6	690.7	466,298.58	768,098.41	32° 16' 47.270 N	103° 35' 58.524 W
16,503.0	88.70	359.16	12,532.1	3,967.6	690.2	466,393.57	768,097.89	32° 16' 48.210 N	103° 35' 58.523 W
16,598.0	89.10	359.33	12,533.9	4,062.6	688.9	466,488.54	768,096.64	32° 16' 49.150 N	103° 35' 58.530 W
16,693.0	89.23	359.68	12,535.3	4,157.6	688.1	466,583.53	768,095.82	32° 16' 50.090 N	103° 35' 58.532 W
16,787.0	90.46	359.86	12,535.6	4,251.6	687.8	466,677.53	768,095.44	32° 16' 51.020 N	103° 35' 58.529 W
16,882.0	89.98	0.56	12,535.2	4,346.6	688.1	466,772.53	768,095.79	32° 16' 51.960 N	103° 35' 58.517 W
16,977.0	91.16	1.71	12,534.3	4,441.6	690.0	466,867.50	768,097.67	32° 16' 52.900 N	103° 35' 58.488 W
17,072.0	91.34	0.39	12,532.2	4,536.5	691.7	466,962.46	768,099.41	32° 16' 53.840 N	103° 35' 58.460 W
17,167.0	89.14	358.01	12,531.8	4,631.5	690.4	467,057.43	768,098.08	32° 16' 54.779 N	103° 35' 58.468 W
17,262.0	90.77	357.57	12,531.9	4,726.4	686.7	467,152.36	768,094.42	32° 16' 55.719 N	103° 35' 58.503 W
17,357.0	91.34	356.34	12,530.1	4,821.3	681.7	467,247.21	768,089.37	32° 16' 56.658 N	103° 35' 58.554 W
17,452.0	92.04	356.17	12,527.3	4,916.0	675.5	467,341.96	768,083.17	32° 16' 57.596 N	103° 35' 58.619 W
17,547.0	90.99	356.34	12,524.8	5,010.8	669.3	467,436.73	768,076.97	32° 16' 58.534 N	103° 35' 58.683 W



Intrepid

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
17,642.0	91.91	358.28	12,522.4	5,105.6	664.8	467,531.59	768,072.51	32° 16' 59.473 N	103° 35' 58.728 W
17,738.0	92.13	1.27	12,519.0	5,201.6	664.4	467,627.51	768,072.13	32° 17' 0.422 N	103° 35' 58.724 W
17,833.0	88.84	2.23	12,518.2	5,296.5	667.3	467,722.45	768,075.03	32° 17' 1.361 N	103° 35' 58.683 W
17,928.0	87.21	0.91	12,521.5	5,391.4	669.9	467,817.36	768,077.64	32° 17' 2.300 N	103° 35' 58.645 W
18,022.0	86.46	0.21	12,526.7	5,485.3	670.9	467,911.21	768,078.55	32° 17' 3.229 N	103° 35' 58.627 W
18,117.0	87.91	359.60	12,531.3	5,580.1	670.7	468,006.09	768,078.40	32° 17' 4.168 N	103° 35' 58.621 W
18,212.0	91.03	358.98	12,532.2	5,675.1	669.5	468,101.06	768,077.22	32° 17' 5.108 N	103° 35' 58.627 W
18,308.0	91.60	359.86	12,530.0	5,771.1	668.6	468,197.03	768,076.25	32° 17' 6.057 N	103° 35' 58.631 W
18,402.0	90.99	358.16	12,527.9	5,865.1	666.9	468,290.99	768,074.62	32° 17' 6.987 N	103° 35' 58.643 W
18,497.0	93.63	0.04	12,524.1	5,959.9	665.4	468,385.89	768,073.13	32° 17' 7.926 N	103° 35' 58.652 W
18,592.0	90.33	0.83	12,520.8	6,054.9	666.2	468,480.82	768,073.85	32° 17' 8.866 N	103° 35' 58.636 W
18,687.0	91.47	3.29	12,519.3	6,149.8	669.6	468,575.73	768,077.27	32° 17' 9.805 N	103° 35' 58.589 W
18,782.0	92.40	2.14	12,516.1	6,244.6	674.1	468,670.57	768,081.76	32° 17' 10.743 N	103° 35' 58.529 W
18,877.0	88.66	0.12	12,515.2	6,339.6	675.9	468,765.53	768,083.64	32° 17' 11.682 N	103° 35' 58.500 W
18,972.0	89.01	0.48	12,517.1	6,434.6	676.4	468,860.51	768,084.13	32° 17' 12.622 N	103° 35' 58.486 W
19,066.0	90.15	358.45	12,517.8	6,528.6	675.6	468,954.49	768,083.26	32° 17' 13.552 N	103° 35' 58.489 W
19,161.0	91.47	358.28	12,516.5	6,623.5	672.9	469,049.44	768,080.55	32° 17' 14.492 N	103° 35' 58.513 W
19,256.0	89.85	357.93	12,515.4	6,718.4	669.7	469,144.38	768,077.40	32° 17' 15.431 N	103° 35' 58.542 W
19,351.0	89.01	355.73	12,516.3	6,813.3	664.5	469,239.22	768,072.15	32° 17' 16.370 N	103° 35' 58.596 W
19,446.0	93.01	356.70	12,514.7	6,908.0	658.2	469,333.98	768,065.88	32° 17' 17.308 N	103° 35' 58.661 W
19,541.0	91.65	355.11	12,510.8	7,002.7	651.4	469,428.66	768,059.10	32° 17' 18.246 N	103° 35' 58.733 W
19,636.0	90.33	353.88	12,509.2	7,097.3	642.3	469,523.20	768,049.99	32° 17' 19.182 N	103° 35' 58.831 W
19,732.0	91.82	355.99	12,507.4	7,192.9	633.8	469,618.80	768,041.52	32° 17' 20.128 N	103° 35' 58.922 W
19,827.0	89.10	357.05	12,506.6	7,287.7	628.1	469,713.61	768,035.75	32° 17' 21.067 N	103° 35' 58.982 W
19,923.0	92.18	2.32	12,505.5	7,383.6	627.5	469,809.56	768,035.22	32° 17' 22.016 N	103° 35' 58.981 W
20,017.0	89.45	2.50	12,504.2	7,477.5	631.5	469,903.46	768,039.18	32° 17' 22.945 N	103° 35' 58.927 W
20,112.0	87.47	1.71	12,506.7	7,572.4	635.0	469,998.35	768,042.66	32° 17' 23.884 N	103° 35' 58.879 W
20,207.0	88.62	0.91	12,510.0	7,667.3	637.1	470,093.27	768,044.83	32° 17' 24.823 N	103° 35' 58.846 W
20,302.0	91.78	1.53	12,509.6	7,762.3	639.2	470,188.24	768,046.86	32° 17' 25.763 N	103° 35' 58.815 W
20,398.0	87.78	358.89	12,510.0	7,858.3	639.5	470,284.21	768,047.21	32° 17' 26.712 N	103° 35' 58.803 W
20,493.0	89.27	358.89	12,512.5	7,953.2	637.7	470,379.15	768,045.37	32° 17' 27.652 N	103° 35' 58.817 W
20,588.0	93.10	0.74	12,510.5	8,048.2	637.4	470,474.11	768,045.06	32° 17' 28.592 N	103° 35' 58.813 W
20,683.0	93.93	0.39	12,504.7	8,143.0	638.3	470,568.93	768,046.00	32° 17' 29.530 N	103° 35' 58.795 W
20,778.0	94.29	0.12	12,497.9	8,237.7	638.7	470,663.68	768,046.42	32° 17' 30.467 N	103° 35' 58.782 W
20,874.0	93.23	359.33	12,491.6	8,333.5	638.3	470,759.47	768,045.96	32° 17' 31.415 N	103° 35' 58.780 W
20,968.0	93.41	359.60	12,486.1	8,427.4	637.4	470,853.31	768,045.08	32° 17' 32.344 N	103° 35' 58.783 W
21,064.0	92.13	0.30	12,481.5	8,523.3	637.3	470,949.19	768,045.00	32° 17' 33.293 N	103° 35' 58.776 W
21,159.0	92.26	359.60	12,477.8	8,618.2	637.2	471,044.12	768,044.92	32° 17' 34.232 N	103° 35' 58.769 W
21,254.0	92.66	359.68	12,473.8	8,713.1	636.6	471,139.03	768,044.32	32° 17' 35.171 N	103° 35' 58.769 W
21,349.0	91.25	0.74	12,470.5	8,808.0	637.0	471,233.98	768,044.67	32° 17' 36.111 N	103° 35' 58.757 W
21,445.0	88.70	0.48	12,470.6	8,904.0	638.0	471,329.96	768,045.69	32° 17' 37.060 N	103° 35' 58.737 W
21,540.0	89.05	0.30	12,472.4	8,999.0	638.6	471,424.94	768,046.34	32° 17' 38.000 N	103° 35' 58.722 W
21,633.0	87.91	0.21	12,474.9	9,092.0	639.1	471,517.91	768,046.75	32° 17' 38.920 N	103° 35' 58.710 W
21,728.0	88.04	359.77	12,478.3	9,186.9	639.0	471,612.85	768,046.73	32° 17' 39.859 N	103° 35' 58.703 W
21,823.0	87.96	359.60	12,481.6	9,281.8	638.5	471,707.79	768,046.21	32° 17' 40.799 N	103° 35' 58.701 W
21,919.0	87.78	359.60	12,485.1	9,377.8	637.9	471,803.72	768,045.54	32° 17' 41.748 N	103° 35' 58.701 W
22,014.0	87.34	358.45	12,489.2	9,472.7	636.2	471,898.62	768,043.93	32° 17' 42.687 N	103° 35' 58.713 W
22,109.0	90.55	358.19	12,490.9	9,567.6	633.5	471,993.55	768,041.14	32° 17' 43.627 N	103° 35' 58.738 W
22,204.0	91.30	358.81	12,489.4	9,662.6	631.0	472,088.50	768,038.66	32° 17' 44.567 N	103° 35' 58.759 W
22,299.0	90.64	358.01	12,487.8	9,757.5	628.3	472,183.45	768,036.02	32° 17' 45.506 N	103° 35' 58.782 W
22,394.0	89.71	357.75	12,487.5	9,852.4	624.8	472,278.38	768,032.51	32° 17' 46.446 N	103° 35' 58.815 W
22,489.0	88.57	357.31	12,488.9	9,947.3	620.7	472,373.28	768,028.41	32° 17' 47.385 N	103° 35' 58.856 W
22,584.0	89.10	357.40	12,490.9	10,042.2	616.3	472,468.16	768,024.03	32° 17' 48.324 N	103° 35' 58.899 W
22,679.0	89.32	357.31	12,492.2	10,137.1	612.0	472,563.05	768,019.65	32° 17' 49.264 N	103° 35' 58.943 W
22,768.0	88.13	357.05	12,494.1	10,226.0	607.6	472,651.92	768,015.27	32° 17' 50.143 N	103° 35' 58.986 W



Intrepid

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
22,826.0	88.13	357.05	12,496.0	10,283.9	604.6	472,709.81	768,012.29	32° 17' 50.716 N	103° 35' 59.017 W

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
KOP 50'FSL & 1005'F	0.00	0.00	11,988.1	-200.2	705.5	462,225.74	768,113.24	32° 16' 6.968 N	103° 35' 58.676 W
- actual wellpath misses target center by 62.8usft at 12039.1usft MD (11989.0 TVD, -227.5 N, 649.0 E)									
- Point									
LTP (Danger Noodle 2	0.00	0.00	12,485.0	10,212.8	629.1	472,638.74	768,036.76	32° 17' 50.011 N	103° 35' 58.737 W
- actual wellpath misses target center by 22.5usft at 22753.6usft MD (12493.7 TVD, 10211.6 N, 608.3 E)									
- Point									
PBHL 20'FNL & 1005'	-0.36	359.58	12,485.3	10,292.8	628.5	472,718.74	768,036.18	32° 17' 50.803 N	103° 35' 58.738 W
- actual wellpath misses target center by 27.7usft at 22826.0usft MD (12496.0 TVD, 10283.9 N, 604.6 E)									
- Rectangle (sides W100.0 H3,991.2 D20.0)									
T2 (Danger Noodle 25	0.00	0.00	12,485.5	10,260.0	628.7	472,685.94	768,036.42	32° 17' 50.478 N	103° 35' 58.737 W
- actual wellpath misses target center by 24.9usft at 22800.6usft MD (12495.2 TVD, 10258.5 N, 605.9 E)									
- Point									
FTP (Danger Noodle 1	0.00	0.00	12,509.0	-150.2	705.5	462,275.77	768,113.24	32° 16' 7.463 N	103° 35' 58.672 W
- actual wellpath misses target center by 206.9usft at 12481.0usft MD (12357.7 TVD, -15.3 N, 663.8 E)									
- Point									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,255.1	1,255.0	Rustler				
1,751.2	1,751.0	Salado				
5,155.1	5,127.0	Base of Salt				
5,155.1	5,127.0	Delaware				
6,264.6	6,228.0	Cherry Canyon				
7,409.6	7,365.0	Brushy Canyon				
9,036.6	8,989.0	1st BSPG Lime				
9,228.7	9,181.0	Leonard A				
9,470.7	9,423.0	Leonard A Base				
9,544.7	9,497.0	Leonard B				
9,614.7	9,567.0	Leonard B Base				
9,760.7	9,713.0	Leonard C				
10,154.0	10,106.0	1st BSPG Sand				
10,396.4	10,348.0	2nd BSPG Lime				
10,530.7	10,482.0	2nd BSPG Sand				
11,282.6	11,233.0	3rd BSPG Lime				
11,986.1	11,936.0	3rd BSPG Sand				
12,325.0	12,251.0	Wolfcamp				
12,351.5	12,271.0	WFMP X				
12,677.4	12,456.0	Wolfcamp_Y				
12,758.6	12,486.0	TOP of TZ				



Intrepid
Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Danger Noodle 29-20 Fed Com #5H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3705.4usft (Cactus 167)
Site:	(Danger Noodle) Sec-29_T-23-S_R-33-E	MD Reference:	KB @ 3705.4usft (Cactus 167)
Well:	Danger Noodle 29-20 Fed Com #5H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
22,768.0	12,494.1	10,226.0	607.6	LAST SVY
22,826.0	12,496.0	10,283.9	604.6	Projection to TD @ 22826'MD, 28.8'FNL & 981'FWL

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.	30-025-47051
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	5H
9. OGRID Number	6137
10. Pool name or Wildcat	BRINNINSTOOL; WOLFCAMP, WEST

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 <u>M</u> : <u>253</u> feet from the <u>South</u> line and <u>301</u> feet from the <u>West</u> line Section <u>29</u> Township <u>23S</u> Range <u>33E</u> NMPM County <u>Lea</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3680.9'	
--	--

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.

10/29/20 -1/4/21: MIRU WL & PT. TIH, TOC @ SURF. No logs ran. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 12,768'-22,689'. Frac totals 25,304,830# prop, 76 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 22,751'. CHC, FWB, ND BOP. Tubing to be ran at later date. TOP.

KZ

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 2/4/2021

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. 30-025-47051								
		2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Danger Noodle 29-20 Fed Com 6. Well Number: 5H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Devon Energy Production Company, L.P.						9. OGRID 6137				
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102						11. Pool name or Wildcat BRINNINSTOOL; WOLFCAMP, WEST KZ				
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	301	West	Lea
BH:	D	20	23S	33E		29	North	981	West	Lea
13. Date Spudded 5/30/20	14. Date T.D. Reached 6/28/20	15. Date Rig Released 7/1/20		16. Date Completed (Ready to Produce) 1/4/21		17. Elevations (DF and RKB, RT, GR, etc.) 3680.9' GL				
18. Total Measured Depth of Well 22826 MD, 12496 TVD		19. Plug Back Measured Depth 22751		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run TOC @ SFC.				
22. Producing Interval(s), of this completion - Top, Bottom, Name 12768-22689, WOLFCAMP, WEST										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED					
13.375	54.5	1311	17.5	1165 sx cmt; circ 489 sx						
8.625	32	11950	9.875	985 sx cmt; circ 0 sx	TOC @ 3000'					
6	24.5	22812	7.875	2790 sx CIPOZ MIX; circ 297.5 sx						
24. LINER RECORD				25. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 12768 - 22689, total 1002 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12768-22689 Acidize and frac in 42 stages. See detailed summary attached.						
28. PRODUCTION										
Date First Production 1/4/21		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing					
Date of Test 1/27/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 3192	Gas - MCF 6756	Water - Bbl. 4980	Gas - Oil Ratio 2116.54135			
Flow Tubing Press. psi	Casing Pressure psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude		NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Rebecca Deal		Printed Name Rebecca Deal		Title Regulatory Analyst		Date 2/4/2021				
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
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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 17078

CONDITIONS OF APPROVAL

Operator: DEVON ENERGY PRODUCTION COMPAN			333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID: 6137	Action Number: 17078	Action Type: C-104C
OCD Reviewer					Condition		
plmartinez					None		