

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 / 10/22/20
⁴ API Number 30-015-46819	⁵ Pool Name PARKWAY; BS; WINCHESTER; BS	⁶ Pool Code 49622 & 65010
⁷ Property Code 327304	⁸ Property Name URANINITE 32-33 STATE FED COM	⁹ Well Number 334H

II. ¹⁰ Surface Location

UL or lot no. M	Section 32	Township 19S	Range 29E	Lot Idn	Feet from the 1176	North/South line South	Feet from the 200	East/West line West	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. K	Section 33	Township 19S	Range 29E	Lot Idn	Feet from the 2178	North/South line South	Feet from the 2554	East/West line West	County EDDY
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/22/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

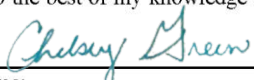
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
329097	LM Touchdown Gas, LLC 2850 N. Harwood Street, Suite 1050 Dallas, TX 75201	Gas
020445	Plains Marketing P.O. Box 4648 Houston, TX 77210	Oil

IV. Well Completion Data

²¹ Spud Date 3/21/20	²² Ready Date 10/22/20	²³ TD 16720	²⁴ PBDT 16709	²⁵ Perforations 9323 - 16699	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
30"	20"	190	633		
17-1/2"	13-3/8"	1353	1455		
12-1/4"	9-5/8"	3146	2135		
8-3/4" & 8-1/2"	5-1/5" Tubing: 2-7/8"	16709 8760	1820		

V. Well Test Data

³¹ Date New Oil 10/22/20	³² Gas Delivery Date 10/22/20	³³ Test Date 11/3/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 258 psi	³⁶ Csg. Pressure 6 psi
³⁷ Choke Size	³⁸ Oil 1277 bbl	³⁹ Water 1440 bbl	⁴⁰ Gas 2273 mcf		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Chelsey Green			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: Chelsey.Green@dvn.com			Approval Date: 02/18/2021		
Date: 1/20/2021		Phone: 405-228-8595			

District I1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720**District II**811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720**District III**1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170**District IV**1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to
appropriate District Office☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-46819	² Pool Code 49622 & 65010	³ Pool Name [49622] PARKWAY;BONE SPRING ; [65010] WINCHESTER;BONE SPRING
⁴ Property Code	⁵ Property Name URANINITE 32-33 STATE FED COM	⁶ Well Number 334H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3290.5'

¹⁰ Surface Location

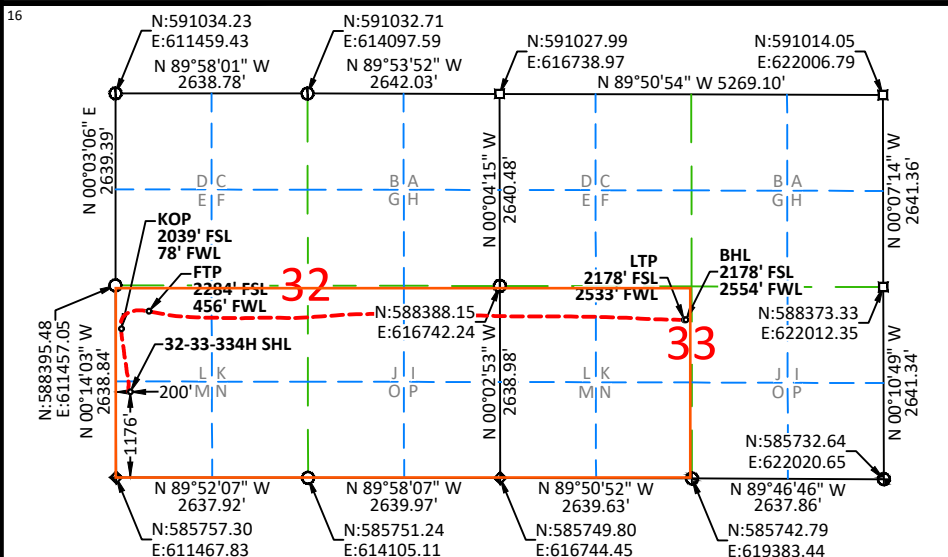
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	19-S	29-E		1176	SOUTH	200	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	33	19-S	29-E		2178	SOUTH	2554	WEST	EDDY

¹² Dedicated Acres 480	¹³ Joint or Infill Infill	¹⁴ Consolidation Code	¹⁵ 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.



**URANINITE 32-33
STATE FED COM 334H**
ELEV: 3290.5'
LAT: 32.613321°
LON: -104.104935°
N: 586932.60
E: 611662.98

KICK OFF POINT
N: 587796.09
E: 611537.76
LAT: 32.615695°
LON: -104.105336°

FIRST TAKE POINT
N: 588039.25
E: 611914.74
LAT: 32.616362°
LON: -104.104110°

LAST TAKE POINT
N: 587920.67
E: 619274.93
LAT: 32.615990°
LON: -104.080206°

BOTTOM HOLE LOCATION
N: 587920.09
E: 619295.92
LAT: 32.615988°
LON: -104.080138°

NOTES:

- BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT NORTH: 589022.345, EAST: 613596.863, ELEVATION: 3316.2, DETERMINED BY AN OPUS SOLUTION ON MARCH 27TH, 2019.
- DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000239925
- DRILL PATH INFORMATION HAS BEEN PROVIDED TO WHS BY THE CLIENT.
- ELEVATIONS SHOWN HEREON ARE EXISTING GROUND ELEVATIONS AND ARE OF NAVD 88 COMPUTED USING GEIOD 12B.
- SURFACE HOLE LOCATIONS (SHL) ARE DERIVED FROM THE ORIGINALLY PLATTED WELL LOCATIONS.

LEGEND:

- KOP, FTP, LTP AND BHL
- AS-DRILLED DRILL PATH
- USGLO BRASS CAP
- ⊙ NO.4 REBAR
- ◆ IRON PIPE
- STONE

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Chelsey Green 11/12/20
Signature Date

Chelsey Green

Printed Name

chelsey.green@dvn.com

E-mail Address

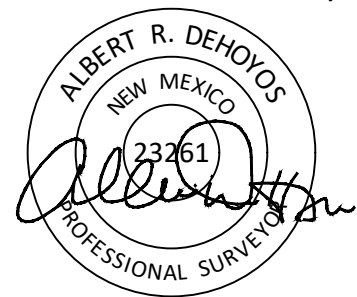
¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11/06/2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261

Albert Dehoyos

Drawn by: TMW

Checked by: ARD

Date: 11/05/2020

Intent ☐ As Drilled ☒

API # 30-015-46819		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: URANINITE 32-33 STATE FED COM	Well Number 334H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	32	19-S	29-E		2039	SOUTH	78	WEST	EDDY
Latitude 32.615695°					Longitude -104.105336°				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	32	19-S	29-E		2284	SOUTH	456	WEST	EDDY
Latitude 32.616362°					Longitude -104.104110°				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	33	19-S	29-E		2178	SOUTH	2533	WEST	EDDY
Latitude 32.615990°					Longitude -104.080206°				NAD 83

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

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

API # 30-015-46820		
Operator Name: DEVON ENERGY PRODUCTION CO, LP	Property Name: URANINITE 32-33 STATE FED COM	Well Number 335H

KZ 06/29/2018

STATE OF NEW MEXICO
COUNTY OF EDDY

I, **Seth Crawley**, certify that; I am employed by **Skyline Directional Drilling, LLC**; that I did on the day(s) of **4/8/2020 to 4/26/2020** conduct or supervise the taking of MWD surveys from a depth of **264 feet to a depth of 16,720 feet**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Skyline Directional Drilling, LLC**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Devon Energy Production Co.** for the **Uraninite 32-33 State Fed Com 334H**, with the **API # 30-015-46819** in the **Winchester** field and **Bone Spring** pool of **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Skyline Directional Drilling, LLC**.

A handwritten signature in cursive script that reads 'Seth Crawley'.

Seth Crawley
Senior Well Planner



Devon Energy Production Company, L.P.

**Eddy Co, New Mexico (NAD-83)
Sec 32-19S-29E (Uraninite)
Uraninite 32-33 State Fed Com 334H**

Wellbore #1

Design: As Drilled

Standard Survey Report

15 June, 2020





Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Project	Eddy Co, New Mexico (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 32-19S-29E (Uraninite)		
Site Position:		Northing:	591,034.23 usft
From:	Map	Easting:	611,459.43 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 37' 28.548 N
		Longitude:	104° 6' 20.043 W

Well	Uraninite 32-33 State Fed Com 334H					
Well Position	+N/-S	0.0 usft	Northing:	586,932.60 usft	Latitude:	32° 36' 47.957 N
	+E/-W	0.0 usft	Easting:	611,662.98 usft	Longitude:	104° 6' 17.766 W
Position Uncertainty		0.5 usft	Wellhead Elevation:	3,290.5 usft	Ground Level:	3,290.5 usft
Grid Convergence:	0.12 °					

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/4/2020	6.93	60.30	47,824.37324766

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	90.00	

Survey Program	Date	6/15/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
264.0	16,720.0	Survey #1 (Wellbore #1)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
264.0	2.11	261.69	263.9	-0.7	-4.8	-4.8	0.80	0.80	0.00	
First Survey										
359.0	2.46	259.14	358.9	-1.3	-8.5	-8.5	0.38	0.37	-2.68	
453.0	2.37	259.32	452.8	-2.1	-12.4	-12.4	0.10	-0.10	0.19	
548.0	1.98	265.65	547.7	-2.6	-16.0	-16.0	0.48	-0.41	6.66	
643.0	1.58	272.33	642.7	-2.6	-18.9	-18.9	0.47	-0.42	7.03	
738.0	1.10	272.68	737.6	-2.5	-21.2	-21.2	0.51	-0.51	0.37	
832.0	0.75	274.88	831.6	-2.4	-22.7	-22.7	0.37	-0.37	2.34	
927.0	0.66	286.65	926.6	-2.2	-23.8	-23.8	0.18	-0.09	12.39	



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

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)
1,022.0	0.62	309.07	1,021.6	-1.8	-24.7	-24.7	0.27	-0.04	23.60
1,116.0	0.79	319.70	1,115.6	-0.9	-25.6	-25.6	0.23	0.18	11.31
1,211.0	0.75	327.70	1,210.6	0.1	-26.3	-26.3	0.12	-0.04	8.42
1,267.0	0.84	333.24	1,266.6	0.8	-26.7	-26.7	0.21	0.16	9.89
1,456.0	0.91	347.34	1,455.6	3.5	-27.6	-27.6	0.12	0.04	7.46
1,552.0	0.79	330.66	1,551.6	4.8	-28.1	-28.1	0.29	-0.13	-17.38
1,647.0	0.83	355.87	1,646.6	6.0	-28.5	-28.5	0.37	0.04	26.54
1,743.0	0.73	331.42	1,742.5	7.3	-28.9	-28.9	0.36	-0.10	-25.47
1,838.0	0.72	339.33	1,837.5	8.4	-29.4	-29.4	0.11	-0.01	8.33
1,933.0	0.72	349.36	1,932.5	9.5	-29.7	-29.7	0.13	0.00	10.56
2,029.0	0.65	347.63	2,028.5	10.6	-29.9	-29.9	0.08	-0.07	-1.80
2,124.0	0.41	345.62	2,123.5	11.5	-30.1	-30.1	0.25	-0.25	-2.12
2,220.0	0.38	344.89	2,219.5	12.1	-30.3	-30.3	0.03	-0.03	-0.76
2,315.0	0.51	39.47	2,314.5	12.8	-30.1	-30.1	0.45	0.14	57.45
2,410.0	0.41	21.69	2,409.5	13.4	-29.7	-29.7	0.18	-0.11	-18.72
2,506.0	0.30	77.35	2,505.5	13.8	-29.3	-29.3	0.36	-0.11	57.98
2,601.0	0.38	57.79	2,600.5	14.0	-28.8	-28.8	0.15	0.08	-20.59
2,697.0	0.28	332.58	2,696.5	14.4	-28.6	-28.6	0.47	-0.10	-88.76
2,792.0	0.44	63.12	2,791.5	14.7	-28.4	-28.4	0.55	0.17	95.31
2,887.0	0.40	96.37	2,886.5	14.9	-27.8	-27.8	0.26	-0.04	35.00
2,983.0	0.23	26.05	2,982.5	15.0	-27.4	-27.4	0.40	-0.18	-73.25
3,078.0	0.13	24.96	3,077.5	15.3	-27.2	-27.2	0.11	-0.11	-1.15
3,272.0	1.50	18.54	3,271.5	17.9	-26.3	-26.3	0.71	0.71	-3.31
3,367.0	3.54	10.29	3,366.4	21.9	-25.4	-25.4	2.18	2.15	-8.68
3,462.0	3.91	1.53	3,461.2	28.1	-24.8	-24.8	0.71	0.39	-9.22
3,558.0	3.46	357.61	3,557.0	34.2	-24.8	-24.8	0.54	-0.47	-4.08
3,653.0	3.21	347.33	3,651.8	39.7	-25.5	-25.5	0.68	-0.26	-10.82
3,748.0	3.65	356.08	3,746.7	45.3	-26.3	-26.3	0.72	0.46	9.21
3,843.0	4.11	356.09	3,841.4	51.7	-26.8	-26.8	0.48	0.48	0.01
3,939.0	4.62	1.33	3,937.2	59.0	-26.9	-26.9	0.67	0.53	5.46
4,034.0	5.72	6.36	4,031.8	67.5	-26.3	-26.3	1.25	1.16	5.29
4,130.0	6.99	6.20	4,127.2	78.1	-25.1	-25.1	1.32	1.32	-0.17
4,225.0	7.69	5.40	4,221.4	90.2	-23.9	-23.9	0.74	0.74	-0.84
4,321.0	9.38	358.21	4,316.3	104.4	-23.6	-23.6	2.08	1.76	-7.49
4,416.0	10.15	355.17	4,410.0	120.5	-24.5	-24.5	0.98	0.81	-3.20
4,511.0	9.69	355.99	4,503.5	136.8	-25.8	-25.8	0.51	-0.48	0.86
4,606.0	9.63	356.45	4,597.2	152.7	-26.8	-26.8	0.10	-0.06	0.48
4,701.0	10.60	354.84	4,690.7	169.3	-28.1	-28.1	1.06	1.02	-1.69
4,796.0	11.04	351.92	4,784.0	187.0	-30.2	-30.2	0.74	0.46	-3.07
4,891.0	10.77	348.30	4,877.3	204.7	-33.2	-33.2	0.77	-0.28	-3.81
4,987.0	9.68	342.75	4,971.8	221.2	-37.4	-37.4	1.53	-1.14	-5.78
5,082.0	10.22	345.94	5,065.4	237.0	-41.9	-41.9	0.81	0.57	3.36
5,178.0	10.48	344.15	5,159.8	253.7	-46.3	-46.3	0.43	0.27	-1.86



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,273.0	11.45	353.01	5,253.1	271.4	-49.8	-49.8	2.04	1.02	9.33
5,368.0	12.05	354.92	5,346.1	290.6	-51.8	-51.8	0.75	0.63	2.01
5,464.0	11.60	354.96	5,440.0	310.2	-53.6	-53.6	0.47	-0.47	0.04
5,558.0	11.09	354.55	5,532.2	328.6	-55.3	-55.3	0.55	-0.54	-0.44
5,653.0	12.02	352.40	5,625.3	347.5	-57.4	-57.4	1.08	0.98	-2.26
5,749.0	12.06	352.28	5,719.2	367.4	-60.1	-60.1	0.05	0.04	-0.13
5,844.0	11.30	350.08	5,812.2	386.4	-63.1	-63.1	0.93	-0.80	-2.32
5,939.0	10.53	344.89	5,905.5	403.9	-66.9	-66.9	1.31	-0.81	-5.46
6,035.0	10.28	348.39	5,999.9	420.8	-70.9	-70.9	0.71	-0.26	3.65
6,130.0	10.67	351.32	6,093.3	437.8	-74.0	-74.0	0.69	0.41	3.08
6,226.0	11.89	352.74	6,187.5	456.4	-76.6	-76.6	1.30	1.27	1.48
6,321.0	10.84	348.74	6,280.6	474.8	-79.5	-79.5	1.38	-1.11	-4.21
6,417.0	12.01	352.25	6,374.7	493.6	-82.6	-82.6	1.42	1.22	3.66
6,512.0	13.67	353.80	6,467.3	514.5	-85.2	-85.2	1.78	1.75	1.63
6,607.0	13.52	353.71	6,559.7	536.7	-87.6	-87.6	0.16	-0.16	-0.09
6,703.0	11.59	354.47	6,653.4	557.5	-89.8	-89.8	2.02	-2.01	0.79
6,799.0	10.67	352.77	6,747.5	575.9	-91.8	-91.8	1.02	-0.96	-1.77
6,894.0	9.89	352.18	6,841.0	592.7	-94.0	-94.0	0.83	-0.82	-0.62
6,990.0	10.21	352.23	6,935.6	609.3	-96.3	-96.3	0.33	0.33	0.05
7,086.0	9.52	350.45	7,030.1	625.6	-98.8	-98.8	0.79	-0.72	-1.85
7,181.0	8.69	346.11	7,123.9	640.3	-101.8	-101.8	1.13	-0.87	-4.57
7,277.0	9.38	350.38	7,218.7	655.0	-104.9	-104.9	1.00	0.72	4.45
7,372.0	10.41	349.44	7,312.3	671.1	-107.7	-107.7	1.10	1.08	-0.99
7,467.0	11.81	355.70	7,405.5	689.3	-110.0	-110.0	1.94	1.47	6.59
7,563.0	13.81	355.09	7,499.2	710.5	-111.7	-111.7	2.09	2.08	-0.64
7,659.0	10.93	351.10	7,592.9	730.9	-114.1	-114.1	3.13	-3.00	-4.16
7,754.0	11.14	348.44	7,686.2	748.8	-117.4	-117.4	0.58	0.22	-2.80
7,850.0	12.88	353.45	7,780.1	768.5	-120.4	-120.4	2.11	1.81	5.22
7,945.0	12.33	357.81	7,872.8	789.1	-122.0	-122.0	1.16	-0.58	4.59
8,041.0	10.01	355.96	7,966.9	807.7	-123.0	-123.0	2.45	-2.42	-1.93
8,136.0	10.88	0.32	8,060.4	824.9	-123.6	-123.6	1.24	0.92	4.59
8,232.0	12.16	357.51	8,154.4	844.1	-123.9	-123.9	1.46	1.33	-2.93
8,328.0	10.03	354.88	8,248.6	862.5	-125.1	-125.1	2.28	-2.22	-2.74
8,423.0	8.95	354.36	8,342.3	878.1	-126.6	-126.6	1.14	-1.14	-0.55
8,506.0	10.62	350.94	8,424.1	892.1	-128.4	-128.4	2.13	2.01	-4.12
8,561.0	11.95	351.03	8,478.1	902.7	-130.1	-130.1	2.42	2.42	0.16
8,655.0	20.40	357.81	8,568.3	928.7	-132.3	-132.3	9.20	8.99	7.21
KOP: (8655' MD) 71' FWL/2104' FSL									
8,751.0	32.09	11.77	8,654.3	970.6	-127.7	-127.7	13.70	12.18	14.54
8,846.0	40.92	32.60	8,730.9	1,021.8	-105.6	-105.6	15.91	9.29	21.93
8,942.0	44.95	52.78	8,801.5	1,069.1	-61.5	-61.5	14.87	4.20	21.02
9,037.0	52.75	69.76	8,864.2	1,102.6	1.1	1.1	15.72	8.21	17.87
9,132.0	61.50	84.69	8,915.9	1,119.7	78.6	78.6	16.06	9.21	15.72
9,228.0	65.46	96.92	8,958.9	1,118.3	164.2	164.2	12.11	4.13	12.74



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,323.0	71.41	98.24	8,993.8	1,106.6	251.8	251.8	6.39	6.26	1.39
9,404.8	83.91	100.11	9,011.3	1,093.9	330.5	330.5	15.45	15.29	2.29
LP - Uraninite 334H									
9,419.0	86.09	100.42	9,012.5	1,091.4	344.4	344.4	15.45	15.30	2.19
FTP:(9419' MD) 549' FWL/2268' FSL									
9,514.0	94.09	101.58	9,012.4	1,073.3	437.6	437.6	8.51	8.42	1.22
9,610.0	93.56	99.59	9,006.0	1,055.7	531.7	531.7	2.14	-0.55	-2.07
9,705.0	92.73	96.85	9,000.7	1,042.1	625.6	625.6	3.01	-0.87	-2.88
9,801.0	89.47	92.74	8,998.9	1,034.1	721.2	721.2	5.46	-3.40	-4.28
9,896.0	90.30	93.10	8,999.1	1,029.3	816.1	816.1	0.95	0.87	0.38
9,992.0	86.67	92.30	9,001.6	1,024.7	911.9	911.9	3.87	-3.78	-0.83
10,087.0	86.49	91.78	9,007.3	1,021.4	1,006.7	1,006.7	0.58	-0.19	-0.55
10,182.0	87.15	90.96	9,012.6	1,019.1	1,101.5	1,101.5	1.11	0.69	-0.86
10,277.0	88.85	90.75	9,015.9	1,017.7	1,196.5	1,196.5	1.80	1.79	-0.22
10,373.0	87.73	91.41	9,018.7	1,015.9	1,292.4	1,292.4	1.35	-1.17	0.69
10,468.0	87.24	91.06	9,022.9	1,013.8	1,387.3	1,387.3	0.63	-0.52	-0.37
10,564.0	88.18	90.45	9,026.7	1,012.6	1,483.2	1,483.2	1.17	0.98	-0.64
10,659.0	88.17	89.28	9,029.8	1,012.8	1,578.1	1,578.1	1.23	-0.01	-1.23
10,754.0	87.57	88.42	9,033.3	1,014.7	1,673.1	1,673.1	1.10	-0.63	-0.91
10,850.0	89.95	88.28	9,035.4	1,017.4	1,769.0	1,769.0	2.48	2.48	-0.15
10,945.0	88.63	90.05	9,036.6	1,018.8	1,864.0	1,864.0	2.32	-1.39	1.86
11,041.0	89.70	90.34	9,038.0	1,018.5	1,960.0	1,960.0	1.15	1.11	0.30
11,136.0	87.12	90.82	9,040.6	1,017.5	2,054.9	2,054.9	2.76	-2.72	0.51
11,232.0	86.69	90.51	9,045.8	1,016.4	2,150.8	2,150.8	0.55	-0.45	-0.32
11,327.0	86.88	90.21	9,051.1	1,015.8	2,245.6	2,245.6	0.37	0.20	-0.32
11,422.0	88.17	86.93	9,055.2	1,018.2	2,340.5	2,340.5	3.71	1.36	-3.45
11,517.0	88.34	86.25	9,058.1	1,023.9	2,435.3	2,435.3	0.74	0.18	-0.72
11,613.0	89.17	85.63	9,060.2	1,030.7	2,531.0	2,531.0	1.08	0.86	-0.65
11,708.0	89.57	85.40	9,061.2	1,038.1	2,625.7	2,625.7	0.49	0.42	-0.24
11,803.0	88.15	86.50	9,063.1	1,044.8	2,720.4	2,720.4	1.89	-1.49	1.16
11,899.0	88.17	85.80	9,066.2	1,051.2	2,816.2	2,816.2	0.73	0.02	-0.73
11,995.0	89.35	85.81	9,068.3	1,058.2	2,911.9	2,911.9	1.23	1.23	0.01
12,090.0	90.03	88.57	9,068.8	1,062.9	3,006.8	3,006.8	2.99	0.72	2.91
12,186.0	91.37	88.01	9,067.6	1,065.8	3,102.7	3,102.7	1.51	1.40	-0.58
12,280.0	90.79	89.21	9,065.8	1,068.1	3,196.7	3,196.7	1.42	-0.62	1.28
12,375.0	90.84	88.59	9,064.5	1,069.9	3,291.6	3,291.6	0.65	0.05	-0.65
12,471.0	89.00	88.65	9,064.6	1,072.2	3,387.6	3,387.6	1.92	-1.92	0.06
12,567.0	89.04	88.55	9,066.3	1,074.5	3,483.6	3,483.6	0.11	0.04	-0.10
12,662.0	88.35	88.76	9,068.4	1,076.8	3,578.5	3,578.5	0.76	-0.73	0.22
12,758.0	88.34	88.46	9,071.2	1,079.1	3,674.4	3,674.4	0.31	-0.01	-0.31
12,853.0	88.82	88.49	9,073.6	1,081.6	3,769.4	3,769.4	0.51	0.51	0.03
12,948.0	88.67	90.30	9,075.6	1,082.6	3,864.3	3,864.3	1.91	-0.16	1.91
13,044.0	88.53	92.05	9,078.0	1,080.7	3,960.3	3,960.3	1.83	-0.15	1.82



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

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)	
13,139.0	88.93	92.68	9,080.1	1,076.7	4,055.2	4,055.2	0.79	0.42	0.66	
13,235.0	86.92	93.40	9,083.6	1,071.6	4,151.0	4,151.0	2.22	-2.09	0.75	
13,330.0	86.76	92.46	9,088.8	1,066.8	4,245.7	4,245.7	1.00	-0.17	-0.99	
13,425.0	86.55	91.91	9,094.4	1,063.2	4,340.5	4,340.5	0.62	-0.22	-0.58	
13,520.0	86.92	91.93	9,099.8	1,060.0	4,435.3	4,435.3	0.39	0.39	0.02	
13,615.0	89.17	91.86	9,103.0	1,056.9	4,530.2	4,530.2	2.37	2.37	-0.07	
13,710.0	92.49	91.25	9,101.6	1,054.3	4,625.1	4,625.1	3.55	3.49	-0.64	
13,806.0	94.29	91.04	9,096.0	1,052.4	4,720.9	4,720.9	1.89	1.88	-0.22	
13,902.0	93.58	91.87	9,089.4	1,049.9	4,816.7	4,816.7	1.14	-0.74	0.86	
13,997.0	91.79	92.39	9,084.9	1,046.4	4,911.5	4,911.5	1.96	-1.88	0.55	
14,093.0	89.37	91.64	9,083.9	1,043.0	5,007.4	5,007.4	2.64	-2.52	-0.78	
14,165.2	89.52	91.38	9,084.6	1,041.1	5,079.6	5,079.6	0.42	0.21	-0.36	
Cross Section 32-33; (14165' MD) 2224' FSL										
14,189.0	89.57	91.29	9,084.8	1,040.6	5,103.4	5,103.4	0.42	0.21	-0.36	
14,284.0	88.71	90.78	9,086.3	1,038.9	5,198.3	5,198.3	1.05	-0.91	-0.54	
14,380.0	87.04	90.54	9,089.8	1,037.8	5,294.3	5,294.3	1.76	-1.74	-0.25	
14,475.0	87.12	90.61	9,094.7	1,036.8	5,389.1	5,389.1	0.11	0.08	0.07	
14,570.0	88.56	90.05	9,098.2	1,036.3	5,484.1	5,484.1	1.63	1.52	-0.59	
14,665.0	90.13	89.60	9,099.3	1,036.6	5,579.1	5,579.1	1.72	1.65	-0.47	
14,760.0	90.92	89.59	9,098.4	1,037.2	5,674.1	5,674.1	0.83	0.83	-0.01	
14,856.0	91.10	89.67	9,096.8	1,037.8	5,770.0	5,770.0	0.21	0.19	0.08	
14,952.0	90.62	90.37	9,095.3	1,037.8	5,866.0	5,866.0	0.88	-0.50	0.73	
15,047.0	90.88	90.76	9,094.1	1,036.9	5,961.0	5,961.0	0.49	0.27	0.41	
15,142.0	91.31	90.76	9,092.3	1,035.6	6,056.0	6,056.0	0.45	0.45	0.00	
15,237.0	91.82	90.73	9,089.7	1,034.4	6,150.9	6,150.9	0.54	0.54	-0.03	
15,333.0	90.90	90.90	9,087.4	1,033.0	6,246.9	6,246.9	0.97	-0.96	0.18	
15,428.0	90.72	90.75	9,086.0	1,031.6	6,341.9	6,341.9	0.25	-0.19	-0.16	
15,524.0	89.35	91.53	9,086.0	1,029.7	6,437.9	6,437.9	1.64	-1.43	0.81	
15,620.0	89.61	91.72	9,086.9	1,027.0	6,533.8	6,533.8	0.34	0.27	0.20	
15,715.0	90.05	91.86	9,087.1	1,024.0	6,628.8	6,628.8	0.49	0.46	0.15	
15,810.0	88.84	92.05	9,088.1	1,020.8	6,723.7	6,723.7	1.29	-1.27	0.20	
15,905.0	88.65	92.40	9,090.1	1,017.1	6,818.6	6,818.6	0.42	-0.20	0.37	
16,001.0	89.13	92.73	9,092.0	1,012.8	6,914.5	6,914.5	0.61	0.50	0.34	
16,096.0	89.72	92.89	9,092.9	1,008.2	7,009.4	7,009.4	0.64	0.62	0.17	
16,191.0	89.97	93.57	9,093.2	1,002.8	7,104.2	7,104.2	0.76	0.26	0.72	
16,287.0	88.83	91.74	9,094.2	998.4	7,200.1	7,200.1	2.25	-1.19	-1.91	
16,382.0	89.11	91.25	9,095.9	995.9	7,295.1	7,295.1	0.59	0.29	-0.52	
16,478.0	89.67	91.43	9,096.9	993.6	7,391.0	7,391.0	0.61	0.58	0.19	
16,573.0	90.36	91.33	9,096.9	991.4	7,486.0	7,486.0	0.73	0.73	-0.11	
16,651.0	91.07	91.57	9,095.9	989.4	7,564.0	7,564.0	0.96	0.91	0.31	
16,713.3	91.07	91.57	9,094.8	987.7	7,626.2	7,626.2	0.00	0.00	0.00	
LTP: (16713' MD) 100' FCL/2177' FSL										
16,720.0	91.07	91.57	9,094.7	987.5	7,632.9	7,632.9	0.00	0.00	0.00	
PTB: 93' FCL Sec 33, 2177' FSL - PBHL - Uraninite 334H										



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

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)
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Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
264.0	263.9	-0.7	-4.8	First Survey
8,655.0	8,568.3	928.7	-132.3	KOP: (8655' MD) 71' FWL/2104' FSL
9,419.0	9,012.5	1,091.4	344.4	FTP:(9419' MD) 549' FWL/2268' FSL
14,165.2	9,084.6	1,041.1	5,079.6	Cross Section 32-33; (14165' MD) 2224' FSL
16,713.3	9,094.8	987.7	7,626.2	LTP: (16713' MD) 100' FCL/2177' FSL
16,720.0	9,094.7	987.5	7,632.9	PTB: 93' FCL Sec 33, 2177' FSL

Checked By: _____ Approved By: _____ Date: _____



Devon Energy Production Company, L.P.

Eddy Co, New Mexico (NAD-83)

Sec 32-19S-29E (Uraninite)

Uraninite 32-33 State Fed Com 334H

Wellbore #1

Design: As Drilled

Survey Report - Geographic

15 June, 2020





Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Project	Eddy Co, New Mexico (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 32-19S-29E (Uraninite)		
Site Position:		Northing:	591,034.23 usft
From:	Map	Easting:	611,459.43 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 37' 28.548 N
		Longitude:	104° 6' 20.043 W
		Grid Convergence:	0.12 °

Well	Uraninite 32-33 State Fed Com 334H		
Well Position	+N/-S	0.0 usft	Northing: 586,932.60 usft
	+E/-W	0.0 usft	Easting: 611,662.98 usft
Position Uncertainty	0.5 usft	Wellhead Elevation:	3,290.5 usft
		Latitude:	32° 36' 47.957 N
		Longitude:	104° 6' 17.766 W
		Ground Level:	3,290.5 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	4/4/2020	6.93
			Dip Angle (°) 60.30
			Field Strength (nT) 47,824.37324766

Design	As Drilled		
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 (°) 90.00

Survey Program	Date	6/15/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
264.0	16,720.0	Survey #1 (Wellbore #1)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

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	586,932.60	611,662.98	32° 36' 47.957 N	104° 6' 17.766 W
264.0	2.11	261.69	263.9	-0.7	-4.8	586,931.90	611,658.17	32° 36' 47.950 N	104° 6' 17.822 W
First Survey									
359.0	2.46	259.14	358.9	-1.3	-8.5	586,931.26	611,654.44	32° 36' 47.943 N	104° 6' 17.866 W
453.0	2.37	259.32	452.8	-2.1	-12.4	586,930.52	611,650.55	32° 36' 47.936 N	104° 6' 17.912 W
548.0	1.98	265.65	547.7	-2.6	-16.0	586,930.03	611,646.98	32° 36' 47.931 N	104° 6' 17.953 W
643.0	1.58	272.33	642.7	-2.6	-18.9	586,929.96	611,644.04	32° 36' 47.931 N	104° 6' 17.988 W
738.0	1.10	272.68	737.6	-2.5	-21.2	586,930.06	611,641.82	32° 36' 47.932 N	104° 6' 18.014 W
832.0	0.75	274.88	831.6	-2.4	-22.7	586,930.15	611,640.30	32° 36' 47.933 N	104° 6' 18.031 W
927.0	0.66	286.65	926.6	-2.2	-23.8	586,930.36	611,639.16	32° 36' 47.935 N	104° 6' 18.045 W
1,022.0	0.62	309.07	1,021.6	-1.8	-24.7	586,930.84	611,638.24	32° 36' 47.940 N	104° 6' 18.055 W
1,116.0	0.79	319.70	1,115.6	-0.9	-25.6	586,931.66	611,637.42	32° 36' 47.948 N	104° 6' 18.065 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,211.0	0.75	327.70	1,210.6	0.1	-26.3	586,932.68	611,636.67	32° 36' 47.958 N	104° 6' 18.074 W
1,267.0	0.84	333.24	1,266.6	0.8	-26.7	586,933.36	611,636.29	32° 36' 47.965 N	104° 6' 18.078 W
1,456.0	0.91	347.34	1,455.6	3.5	-27.6	586,936.06	611,635.33	32° 36' 47.991 N	104° 6' 18.089 W
1,552.0	0.79	330.66	1,551.6	4.8	-28.1	586,937.38	611,634.84	32° 36' 48.004 N	104° 6' 18.095 W
1,647.0	0.83	355.87	1,646.6	6.0	-28.5	586,938.64	611,634.47	32° 36' 48.017 N	104° 6' 18.099 W
1,743.0	0.73	331.42	1,742.5	7.3	-28.9	586,939.87	611,634.13	32° 36' 48.029 N	104° 6' 18.103 W
1,838.0	0.72	339.33	1,837.5	8.4	-29.4	586,940.96	611,633.63	32° 36' 48.040 N	104° 6' 18.109 W
1,933.0	0.72	349.36	1,932.5	9.5	-29.7	586,942.11	611,633.31	32° 36' 48.051 N	104° 6' 18.113 W
2,029.0	0.65	347.63	2,028.5	10.6	-29.9	586,943.23	611,633.08	32° 36' 48.062 N	104° 6' 18.115 W
2,124.0	0.41	345.62	2,123.5	11.5	-30.1	586,944.09	611,632.88	32° 36' 48.071 N	104° 6' 18.118 W
2,220.0	0.38	344.89	2,219.5	12.1	-30.3	586,944.73	611,632.71	32° 36' 48.077 N	104° 6' 18.120 W
2,315.0	0.51	39.47	2,314.5	12.8	-30.1	586,945.36	611,632.90	32° 36' 48.083 N	104° 6' 18.118 W
2,410.0	0.41	21.69	2,409.5	13.4	-29.7	586,946.00	611,633.29	32° 36' 48.090 N	104° 6' 18.113 W
2,506.0	0.30	77.35	2,505.5	13.8	-29.3	586,946.37	611,633.67	32° 36' 48.093 N	104° 6' 18.109 W
2,601.0	0.38	57.79	2,600.5	14.0	-28.8	586,946.60	611,634.18	32° 36' 48.096 N	104° 6' 18.103 W
2,697.0	0.28	332.58	2,696.5	14.4	-28.6	586,946.97	611,634.34	32° 36' 48.099 N	104° 6' 18.101 W
2,792.0	0.44	63.12	2,791.5	14.7	-28.4	586,947.34	611,634.56	32° 36' 48.103 N	104° 6' 18.098 W
2,887.0	0.40	96.37	2,886.5	14.9	-27.8	586,947.47	611,635.21	32° 36' 48.104 N	104° 6' 18.090 W
2,983.0	0.23	26.05	2,982.5	15.0	-27.4	586,947.61	611,635.63	32° 36' 48.106 N	104° 6' 18.086 W
3,078.0	0.13	24.96	3,077.5	15.3	-27.2	586,947.88	611,635.76	32° 36' 48.108 N	104° 6' 18.084 W
3,272.0	1.50	18.54	3,271.5	17.9	-26.3	586,950.48	611,636.66	32° 36' 48.134 N	104° 6' 18.073 W
3,367.0	3.54	10.29	3,366.4	21.9	-25.4	586,954.55	611,637.58	32° 36' 48.174 N	104° 6' 18.063 W
3,462.0	3.91	1.53	3,461.2	28.1	-24.8	586,960.67	611,638.19	32° 36' 48.235 N	104° 6' 18.055 W
3,558.0	3.46	357.61	3,557.0	34.2	-24.8	586,966.84	611,638.15	32° 36' 48.296 N	104° 6' 18.056 W
3,653.0	3.21	347.33	3,651.8	39.7	-25.5	586,972.30	611,637.45	32° 36' 48.350 N	104° 6' 18.064 W
3,748.0	3.65	356.08	3,746.7	45.3	-26.3	586,977.91	611,636.66	32° 36' 48.405 N	104° 6' 18.073 W
3,843.0	4.11	356.09	3,841.4	51.7	-26.8	586,984.32	611,636.22	32° 36' 48.469 N	104° 6' 18.078 W
3,939.0	4.62	1.33	3,937.2	59.0	-26.9	586,991.62	611,636.08	32° 36' 48.541 N	104° 6' 18.079 W
4,034.0	5.72	6.36	4,031.8	67.5	-26.3	587,000.15	611,636.69	32° 36' 48.625 N	104° 6' 18.072 W
4,130.0	6.99	6.20	4,127.2	78.1	-25.1	587,010.71	611,637.85	32° 36' 48.730 N	104° 6' 18.058 W
4,225.0	7.69	5.40	4,221.4	90.2	-23.9	587,022.79	611,639.07	32° 36' 48.849 N	104° 6' 18.043 W
4,321.0	9.38	358.21	4,316.3	104.4	-23.6	587,037.00	611,639.43	32° 36' 48.990 N	104° 6' 18.039 W
4,416.0	10.15	355.17	4,410.0	120.5	-24.5	587,053.08	611,638.49	32° 36' 49.149 N	104° 6' 18.050 W
4,511.0	9.69	355.99	4,503.5	136.8	-25.8	587,069.40	611,637.22	32° 36' 49.311 N	104° 6' 18.064 W
4,606.0	9.63	356.45	4,597.2	152.7	-26.8	587,085.31	611,636.17	32° 36' 49.468 N	104° 6' 18.076 W
4,701.0	10.60	354.84	4,690.7	169.3	-28.1	587,101.94	611,634.89	32° 36' 49.633 N	104° 6' 18.090 W
4,796.0	11.04	351.92	4,784.0	187.0	-30.2	587,119.65	611,632.83	32° 36' 49.808 N	104° 6' 18.114 W
4,891.0	10.77	348.30	4,877.3	204.7	-33.2	587,137.35	611,629.75	32° 36' 49.983 N	104° 6' 18.150 W
4,987.0	9.68	342.75	4,971.8	221.2	-37.4	587,153.84	611,625.54	32° 36' 50.146 N	104° 6' 18.198 W
5,082.0	10.22	345.94	5,065.4	237.0	-41.9	587,169.64	611,621.12	32° 36' 50.303 N	104° 6' 18.250 W
5,178.0	10.48	344.15	5,159.8	253.7	-46.3	587,186.30	611,616.67	32° 36' 50.468 N	104° 6' 18.301 W
5,273.0	11.45	353.01	5,253.1	271.4	-49.8	587,203.97	611,613.16	32° 36' 50.643 N	104° 6' 18.342 W
5,368.0	12.05	354.92	5,346.1	290.6	-51.8	587,223.21	611,611.14	32° 36' 50.833 N	104° 6' 18.365 W
5,464.0	11.60	354.96	5,440.0	310.2	-53.6	587,242.81	611,609.40	32° 36' 51.027 N	104° 6' 18.385 W
5,558.0	11.09	354.55	5,532.2	328.6	-55.3	587,261.22	611,607.71	32° 36' 51.209 N	104° 6' 18.404 W
5,653.0	12.02	352.40	5,625.3	347.5	-57.4	587,280.12	611,605.54	32° 36' 51.397 N	104° 6' 18.429 W
5,749.0	12.06	352.28	5,719.2	367.4	-60.1	587,299.97	611,602.87	32° 36' 51.593 N	104° 6' 18.460 W
5,844.0	11.30	350.08	5,812.2	386.4	-63.1	587,318.97	611,599.93	32° 36' 51.781 N	104° 6' 18.494 W
5,939.0	10.53	344.89	5,905.5	403.9	-66.9	587,336.52	611,596.06	32° 36' 51.955 N	104° 6' 18.538 W
6,035.0	10.28	348.39	5,999.9	420.8	-70.9	587,353.38	611,592.05	32° 36' 52.122 N	104° 6' 18.585 W
6,130.0	10.67	351.32	6,093.3	437.8	-74.0	587,370.38	611,589.02	32° 36' 52.290 N	104° 6' 18.620 W
6,226.0	11.89	352.74	6,187.5	456.4	-76.6	587,388.97	611,586.43	32° 36' 52.474 N	104° 6' 18.650 W
6,321.0	10.84	348.74	6,280.6	474.8	-79.5	587,407.44	611,583.45	32° 36' 52.657 N	104° 6' 18.684 W
6,417.0	12.01	352.25	6,374.7	493.6	-82.6	587,426.20	611,580.34	32° 36' 52.843 N	104° 6' 18.720 W
6,512.0	13.67	353.80	6,467.3	514.5	-85.2	587,447.15	611,577.79	32° 36' 53.050 N	104° 6' 18.749 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,607.0	13.52	353.71	6,559.7	536.7	-87.6	587,469.35	611,575.36	32° 36' 53.270 N	104° 6' 18.777 W
6,703.0	11.59	354.47	6,653.4	557.5	-89.8	587,490.10	611,573.20	32° 36' 53.475 N	104° 6' 18.802 W
6,799.0	10.67	352.77	6,747.5	575.9	-91.8	587,508.52	611,571.16	32° 36' 53.657 N	104° 6' 18.825 W
6,894.0	9.89	352.18	6,841.0	592.7	-94.0	587,525.33	611,568.94	32° 36' 53.824 N	104° 6' 18.851 W
6,990.0	10.21	352.23	6,935.6	609.3	-96.3	587,541.92	611,566.67	32° 36' 53.988 N	104° 6' 18.877 W
7,086.0	9.52	350.45	7,030.1	625.6	-98.8	587,558.18	611,564.20	32° 36' 54.149 N	104° 6' 18.905 W
7,181.0	8.69	346.11	7,123.9	640.3	-101.8	587,572.90	611,561.17	32° 36' 54.295 N	104° 6' 18.940 W
7,277.0	9.38	350.38	7,218.7	655.0	-104.9	587,587.65	611,558.13	32° 36' 54.441 N	104° 6' 18.976 W
7,372.0	10.41	349.44	7,312.3	671.1	-107.7	587,603.72	611,555.26	32° 36' 54.600 N	104° 6' 19.009 W
7,467.0	11.81	355.70	7,405.5	689.3	-110.0	587,621.86	611,552.96	32° 36' 54.779 N	104° 6' 19.035 W
7,563.0	13.81	355.09	7,499.2	710.5	-111.7	587,643.07	611,551.24	32° 36' 54.989 N	104° 6' 19.055 W
7,659.0	10.93	351.10	7,592.9	730.9	-114.1	587,663.48	611,548.85	32° 36' 55.191 N	104° 6' 19.082 W
7,754.0	11.14	348.44	7,686.2	748.8	-117.4	587,681.37	611,545.62	32° 36' 55.368 N	104° 6' 19.120 W
7,850.0	12.88	353.45	7,780.1	768.5	-120.4	587,701.09	611,542.54	32° 36' 55.564 N	104° 6' 19.155 W
7,945.0	12.33	357.81	7,872.8	789.1	-122.0	587,721.74	611,540.94	32° 36' 55.768 N	104° 6' 19.173 W
8,041.0	10.01	355.96	7,966.9	807.7	-123.0	587,740.31	611,539.96	32° 36' 55.952 N	104° 6' 19.184 W
8,136.0	10.88	0.32	8,060.4	824.9	-123.6	587,757.51	611,539.43	32° 36' 56.122 N	104° 6' 19.190 W
8,232.0	12.16	357.51	8,154.4	844.1	-123.9	587,776.68	611,539.04	32° 36' 56.312 N	104° 6' 19.194 W
8,328.0	10.03	354.88	8,248.6	862.5	-125.1	587,795.11	611,537.86	32° 36' 56.494 N	104° 6' 19.207 W
8,423.0	8.95	354.36	8,342.3	878.1	-126.6	587,810.70	611,536.39	32° 36' 56.648 N	104° 6' 19.224 W
8,506.0	10.62	350.94	8,424.1	892.1	-128.4	587,824.68	611,534.55	32° 36' 56.787 N	104° 6' 19.245 W
8,561.0	11.95	351.03	8,478.1	902.7	-130.1	587,835.31	611,532.87	32° 36' 56.892 N	104° 6' 19.265 W
8,655.0	20.40	357.81	8,568.3	928.7	-132.3	587,861.34	611,530.72	32° 36' 57.150 N	104° 6' 19.289 W
KOP: (8655' MD) 71' FWL/2104' FSL									
8,751.0	32.09	11.77	8,654.3	970.6	-127.7	587,903.21	611,535.30	32° 36' 57.564 N	104° 6' 19.235 W
8,846.0	40.92	32.60	8,730.9	1,021.8	-105.6	587,954.42	611,557.34	32° 36' 58.070 N	104° 6' 18.976 W
8,942.0	44.95	52.78	8,801.5	1,069.1	-61.5	588,001.67	611,601.51	32° 36' 58.537 N	104° 6' 18.458 W
9,037.0	52.75	69.76	8,864.2	1,102.6	1.1	588,035.23	611,664.07	32° 36' 58.867 N	104° 6' 17.726 W
9,132.0	61.50	84.69	8,915.9	1,119.7	78.6	588,052.28	611,741.56	32° 36' 59.034 N	104° 6' 16.819 W
9,228.0	65.46	96.92	8,958.9	1,118.3	164.2	588,050.92	611,827.21	32° 36' 59.019 N	104° 6' 15.818 W
9,323.0	71.41	98.24	8,993.8	1,106.6	251.8	588,039.25	611,914.74	32° 36' 58.902 N	104° 6' 14.795 W
9,404.8	83.91	100.11	9,011.3	1,093.9	330.5	588,026.51	611,993.45	32° 36' 58.774 N	104° 6' 13.875 W
LP - Uraninite 334H									
9,419.0	86.09	100.42	9,012.5	1,091.4	344.4	588,023.98	612,007.38	32° 36' 58.749 N	104° 6' 13.712 W
FTP:(9419' MD) 549' FWL/2268' FSL									
9,514.0	94.09	101.58	9,012.4	1,073.3	437.6	588,005.87	612,100.56	32° 36' 58.568 N	104° 6' 12.623 W
9,610.0	93.56	99.59	9,006.0	1,055.7	531.7	587,988.28	612,194.71	32° 36' 58.391 N	104° 6' 11.523 W
9,705.0	92.73	96.85	9,000.7	1,042.1	625.6	587,974.72	612,288.58	32° 36' 58.255 N	104° 6' 10.425 W
9,801.0	89.47	92.74	8,998.9	1,034.1	721.2	587,966.70	612,384.20	32° 36' 58.174 N	104° 6' 9.308 W
9,896.0	90.30	93.10	8,999.1	1,029.3	816.1	587,961.86	612,479.07	32° 36' 58.124 N	104° 6' 8.198 W
9,992.0	86.67	92.30	9,001.6	1,024.7	911.9	587,957.34	612,574.92	32° 36' 58.077 N	104° 6' 7.078 W
10,087.0	86.49	91.78	9,007.3	1,021.4	1,006.7	587,953.96	612,669.69	32° 36' 58.042 N	104° 6' 5.970 W
10,182.0	87.15	90.96	9,012.6	1,019.1	1,101.5	587,951.69	612,764.51	32° 36' 58.017 N	104° 6' 4.861 W
10,277.0	88.85	90.75	9,015.9	1,017.7	1,196.5	587,950.28	612,859.44	32° 36' 58.001 N	104° 6' 3.751 W
10,373.0	87.73	91.41	9,018.7	1,015.9	1,292.4	587,948.47	612,955.38	32° 36' 57.981 N	104° 6' 2.630 W
10,468.0	87.24	91.06	9,022.9	1,013.8	1,387.3	587,946.42	613,050.26	32° 36' 57.959 N	104° 6' 1.520 W
10,564.0	88.18	90.45	9,026.7	1,012.6	1,483.2	587,945.16	613,146.18	32° 36' 57.944 N	104° 6' 0.399 W
10,659.0	88.17	89.28	9,029.8	1,012.8	1,578.1	587,945.38	613,241.13	32° 36' 57.944 N	104° 5' 59.289 W
10,754.0	87.57	88.42	9,033.3	1,014.7	1,673.1	587,947.29	613,336.04	32° 36' 57.961 N	104° 5' 58.179 W
10,850.0	89.95	88.28	9,035.4	1,017.4	1,769.0	587,950.05	613,431.97	32° 36' 57.986 N	104° 5' 57.057 W
10,945.0	88.63	90.05	9,036.6	1,018.8	1,864.0	587,951.44	613,526.95	32° 36' 57.998 N	104° 5' 55.947 W
11,041.0	89.70	90.34	9,038.0	1,018.5	1,960.0	587,951.11	613,622.94	32° 36' 57.993 N	104° 5' 54.825 W
11,136.0	87.12	90.82	9,040.6	1,017.5	2,054.9	587,950.15	613,717.89	32° 36' 57.981 N	104° 5' 53.714 W
11,232.0	86.69	90.51	9,045.8	1,016.4	2,150.8	587,949.04	613,813.74	32° 36' 57.968 N	104° 5' 52.594 W
11,327.0	86.88	90.21	9,051.1	1,015.8	2,245.6	587,948.44	613,908.59	32° 36' 57.960 N	104° 5' 51.485 W



Skyline Directional Survey Report - Geographic



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Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,422.0	88.17	86.93	9,055.2	1,018.2	2,340.5	587,950.81	614,003.45	32° 36' 57.981 N	104° 5' 50.375 W
11,517.0	88.34	86.25	9,058.1	1,023.9	2,435.3	587,956.46	614,098.24	32° 36' 58.035 N	104° 5' 49.267 W
11,613.0	89.17	85.63	9,060.2	1,030.7	2,531.0	587,963.25	614,193.98	32° 36' 58.100 N	104° 5' 48.148 W
11,708.0	89.57	85.40	9,061.2	1,038.1	2,625.7	587,970.68	614,288.68	32° 36' 58.172 N	104° 5' 47.040 W
11,803.0	88.15	86.50	9,063.1	1,044.8	2,720.4	587,977.39	614,383.42	32° 36' 58.236 N	104° 5' 45.932 W
11,899.0	88.17	85.80	9,066.2	1,051.2	2,816.2	587,983.83	614,479.15	32° 36' 58.298 N	104° 5' 44.813 W
11,995.0	89.35	85.81	9,068.3	1,058.2	2,911.9	587,990.85	614,574.87	32° 36' 58.365 N	104° 5' 43.693 W
12,090.0	90.03	88.57	9,068.8	1,062.9	3,006.8	587,995.51	614,669.75	32° 36' 58.409 N	104° 5' 42.584 W
12,186.0	91.37	88.01	9,067.6	1,065.8	3,102.7	587,998.37	614,765.69	32° 36' 58.435 N	104° 5' 41.462 W
12,280.0	90.79	89.21	9,065.8	1,068.1	3,196.7	588,000.65	614,859.65	32° 36' 58.456 N	104° 5' 40.363 W
12,375.0	90.84	88.59	9,064.5	1,069.9	3,291.6	588,002.48	614,954.62	32° 36' 58.472 N	104° 5' 39.253 W
12,471.0	89.00	88.65	9,064.6	1,072.2	3,387.6	588,004.79	615,050.59	32° 36' 58.492 N	104° 5' 38.131 W
12,567.0	89.04	88.55	9,066.3	1,074.5	3,483.6	588,007.13	615,146.55	32° 36' 58.513 N	104° 5' 37.009 W
12,662.0	88.35	88.76	9,068.4	1,076.8	3,578.5	588,009.36	615,241.49	32° 36' 58.533 N	104° 5' 35.899 W
12,758.0	88.34	88.46	9,071.2	1,079.1	3,674.4	588,011.69	615,337.43	32° 36' 58.554 N	104° 5' 34.777 W
12,853.0	88.82	88.49	9,073.6	1,081.6	3,769.4	588,014.22	615,432.36	32° 36' 58.577 N	104° 5' 33.667 W
12,948.0	88.67	90.30	9,075.6	1,082.6	3,864.3	588,015.22	615,527.33	32° 36' 58.585 N	104° 5' 32.556 W
13,044.0	88.53	92.05	9,078.0	1,080.7	3,960.3	588,013.25	615,623.28	32° 36' 58.563 N	104° 5' 31.435 W
13,139.0	88.93	92.68	9,080.1	1,076.7	4,055.2	588,009.33	615,718.17	32° 36' 58.522 N	104° 5' 30.325 W
13,235.0	86.92	93.40	9,083.6	1,071.6	4,151.0	588,004.25	615,813.97	32° 36' 58.470 N	104° 5' 29.205 W
13,330.0	86.76	92.46	9,088.8	1,066.8	4,245.7	587,999.40	615,908.70	32° 36' 58.420 N	104° 5' 28.098 W
13,425.0	86.55	91.91	9,094.4	1,063.2	4,340.5	587,995.78	616,003.47	32° 36' 58.382 N	104° 5' 26.990 W
13,520.0	86.92	91.93	9,099.8	1,060.0	4,435.3	587,992.61	616,098.26	32° 36' 58.348 N	104° 5' 25.882 W
13,615.0	89.17	91.86	9,103.0	1,056.9	4,530.2	587,989.47	616,193.15	32° 36' 58.315 N	104° 5' 24.772 W
13,710.0	92.49	91.25	9,101.6	1,054.3	4,625.1	587,986.89	616,288.09	32° 36' 58.287 N	104° 5' 23.662 W
13,806.0	94.29	91.04	9,096.0	1,052.4	4,720.9	587,984.97	616,383.90	32° 36' 58.266 N	104° 5' 22.542 W
13,902.0	93.58	91.87	9,089.4	1,049.9	4,816.7	587,982.54	616,479.64	32° 36' 58.240 N	104° 5' 21.423 W
13,997.0	91.79	92.39	9,084.9	1,046.4	4,911.5	587,979.01	616,574.47	32° 36' 58.203 N	104° 5' 20.314 W
14,093.0	89.37	91.64	9,083.9	1,043.0	5,007.4	587,975.64	616,670.39	32° 36' 58.167 N	104° 5' 19.193 W
14,165.2	89.52	91.38	9,084.6	1,041.1	5,079.6	587,973.74	616,742.56	32° 36' 58.147 N	104° 5' 18.349 W
Cross Section 32-33; (14165' MD) 2224' FSL									
14,189.0	89.57	91.29	9,084.8	1,040.6	5,103.4	587,973.18	616,766.36	32° 36' 58.141 N	104° 5' 18.071 W
14,284.0	88.71	90.78	9,086.3	1,038.9	5,198.3	587,971.47	616,861.33	32° 36' 58.122 N	104° 5' 16.960 W
14,380.0	87.04	90.54	9,089.8	1,037.8	5,294.3	587,970.36	616,957.25	32° 36' 58.109 N	104° 5' 15.839 W
14,475.0	87.12	90.61	9,094.7	1,036.8	5,389.1	587,969.41	617,052.13	32° 36' 58.097 N	104° 5' 14.730 W
14,570.0	88.56	90.05	9,098.2	1,036.3	5,484.1	587,968.87	617,147.05	32° 36' 58.090 N	104° 5' 13.620 W
14,665.0	90.13	89.60	9,099.3	1,036.6	5,579.1	587,969.16	617,242.04	32° 36' 58.090 N	104° 5' 12.509 W
14,760.0	90.92	89.59	9,098.4	1,037.2	5,674.1	587,969.83	617,337.04	32° 36' 58.095 N	104° 5' 11.398 W
14,856.0	91.10	89.67	9,096.8	1,037.8	5,770.0	587,970.45	617,433.02	32° 36' 58.099 N	104° 5' 10.276 W
14,952.0	90.62	90.37	9,095.3	1,037.8	5,866.0	587,970.41	617,529.01	32° 36' 58.096 N	104° 5' 9.154 W
15,047.0	90.88	90.76	9,094.1	1,036.9	5,961.0	587,969.48	617,624.00	32° 36' 58.085 N	104° 5' 8.043 W
15,142.0	91.31	90.76	9,092.3	1,035.6	6,056.0	587,968.22	617,718.97	32° 36' 58.070 N	104° 5' 6.933 W
15,237.0	91.82	90.73	9,089.7	1,034.4	6,150.9	587,966.98	617,813.93	32° 36' 58.056 N	104° 5' 5.823 W
15,333.0	90.90	90.90	9,087.4	1,033.0	6,246.9	587,965.62	617,909.89	32° 36' 58.040 N	104° 5' 4.701 W
15,428.0	90.72	90.75	9,086.0	1,031.6	6,341.9	587,964.25	618,004.87	32° 36' 58.024 N	104° 5' 3.590 W
15,524.0	89.35	91.53	9,086.0	1,029.7	6,437.9	587,962.34	618,100.85	32° 36' 58.003 N	104° 5' 2.468 W
15,620.0	89.61	91.72	9,086.9	1,027.0	6,533.8	587,959.62	618,196.80	32° 36' 57.974 N	104° 5' 1.346 W
15,715.0	90.05	91.86	9,087.1	1,024.0	6,628.8	587,956.65	618,291.76	32° 36' 57.942 N	104° 5' 0.236 W
15,810.0	88.84	92.05	9,088.1	1,020.8	6,723.7	587,953.41	618,386.70	32° 36' 57.908 N	104° 4' 59.126 W
15,905.0	88.65	92.40	9,090.1	1,017.1	6,818.6	587,949.72	618,481.60	32° 36' 57.869 N	104° 4' 58.017 W
16,001.0	89.13	92.73	9,092.0	1,012.8	6,914.5	587,945.43	618,577.49	32° 36' 57.825 N	104° 4' 56.896 W
16,096.0	89.72	92.89	9,092.9	1,008.2	7,009.4	587,940.77	618,672.37	32° 36' 57.776 N	104° 4' 55.786 W
16,191.0	89.97	93.57	9,093.2	1,002.8	7,104.2	587,935.42	618,767.21	32° 36' 57.721 N	104° 4' 54.678 W
16,287.0	88.83	91.74	9,094.2	998.4	7,200.1	587,930.97	618,863.10	32° 36' 57.675 N	104° 4' 53.557 W
16,382.0	89.11	91.25	9,095.9	995.9	7,295.1	587,928.49	618,958.05	32° 36' 57.648 N	104° 4' 52.446 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Uraninite 32-33 State Fed Com 334H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: KB 30' @ 3320.5usft
Site:	Sec 32-19S-29E (Uraninite)	MD Reference:	Cactus 129: KB 30' @ 3320.5usft
Well:	Uraninite 32-33 State Fed Com 334H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,478.0	89.67	91.43	9,096.9	993.6	7,391.0	587,926.25	619,054.02	32° 36' 57.624 N	104° 4' 51.324 W
16,573.0	90.36	91.33	9,096.9	991.4	7,486.0	587,923.96	619,148.99	32° 36' 57.599 N	104° 4' 50.214 W
16,651.0	91.07	91.57	9,095.9	989.4	7,564.0	587,921.99	619,226.96	32° 36' 57.577 N	104° 4' 49.303 W
16,713.3	91.07	91.57	9,094.8	987.7	7,626.2	587,920.28	619,289.23	32° 36' 57.559 N	104° 4' 48.575 W
LTP: (16713' MD) 100' FCL/2177' FSL									
16,720.0	91.07	91.57	9,094.7	987.5	7,632.9	587,920.10	619,295.92	32° 36' 57.557 N	104° 4' 48.496 W
PTB: 93' FCL Sec 33, 2177' FSL - PBHL - Uraninite 334H									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
16,720.0	9,094.7	20" Casing	20	24	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
264.0	263.9	-0.7	-4.8	First Survey	
8,655.0	8,568.3	928.7	-132.3	KOP: (8655' MD) 71' FWL/2104' FSL	
9,419.0	9,012.5	1,091.4	344.4	FTP:(9419' MD) 549' FWL/2268' FSL	
14,165.2	9,084.6	1,041.1	5,079.6	Cross Section 32-33; (14165' MD) 2224' FSL	
16,713.3	9,094.8	987.7	7,626.2	LTP: (16713' MD) 100' FCL/2177' FSL	
16,720.0	9,094.7	987.5	7,632.9	PTB: 93' FCL Sec 33, 2177' FSL	

Checked By: _____ Approved By: _____ Date: _____

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM98173

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
URANINITE 32-33 STATE FED COM 334H

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY

Contact: CHELSEY GREEN

E-Mail: CHELSEY.GREEN@DVN.COM

9. API Well No.

30-015-46819-00-X1

3a. Address

333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-228-8595

10. Field and Pool or Exploratory Area
WINCHESTER-BONE SPRING

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

Sec 32 T19S R29E SWSW 1176FSL 200FWL
32.613319 N Lat, 104.104935 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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

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

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

COMPLETION SUMMARY

Devon Energy Production Co., L.P. (Devon) respectfully requests for OCD extension of time to file BLM- approved Form 3160-4.

8/23/20 ? 9/24/20: MIRU WL & PT. TIH PT csg 8500 psi for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 9,323'-16,699'. Frac totals 11138000# prop, 61 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTB 16,709'. CHC, FWB, ND BOP. RIH w/265 jts 2-7/8" L-80 tbg, set @ 8760'. TOP.

Formation Top Depth

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #539962 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COM LP, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/09/2020 (21PP0865SE)**

Name (Printed/Typed) CHELSEY GREEN

Title REGULATORY PROFESSIONAL

Signature (Electronic Submission)

Date 12/08/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROLEUM ENGINEER	Date 12/21/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

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

(Instructions on page 2)

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

Additional data for EC transaction #539962 that would not fit on the form

32. Additional remarks, continued

RUSTLER	20
SALADO	442
DELAWARE	3195
BONE SPRING	5009

Revisions to Operator-Submitted EC Data for Sundry Notice #539962

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF SR	HF SR
Lease:	NMNM90807	NMNM98173
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 W SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405-228-8595	DEVON ENERGY PRODUCTION COM LP 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405 552 6571
Admin Contact:	CHELSEY GREEN REGULATORY COMPLIANCE PROFESSI E-Mail: Chelsey.Green@dvn.com Ph: 405.228.8595	CHELSEY GREEN REGULATORY PROFESSIONAL E-Mail: CHELSEY.GREEN@DVN.COM Ph: 405-228-8595
Tech Contact:	CHELSEY GREEN REGULATORY COMPLIANCE PROFESSI E-Mail: Chelsey.Green@dvn.com Ph: 405.228.8595	CHELSEY GREEN REGULATORY PROFESSIONAL E-Mail: CHELSEY.GREEN@DVN.COM Ph: 405-228-8595
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PARKWAY;BS: WINCHESTER;BS	WINCHESTER-BONE SPRING
Well/Facility:	URANINITE 32-33 STATE FED COM 334H Sec 32 T19S R29E 1176FSL 200FWL	URANINITE 32-33 STATE FED COM 334H Sec 32 T19S R29E SWSW 1176FSL 200FWL 32.613319 N Lat, 104.104935 W Lon

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 15433

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	15433	Action Type:	C-104C
OCD Reviewer	Condition								
ksimmons	None								