

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 30-015-50148	Pool Code 3713	Pool Name AVALON; BONESPRING EAST
Property Code	Property Name BURTON FLAT DEEP UNIT	Well Number 333H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3210.8'

Surface Location

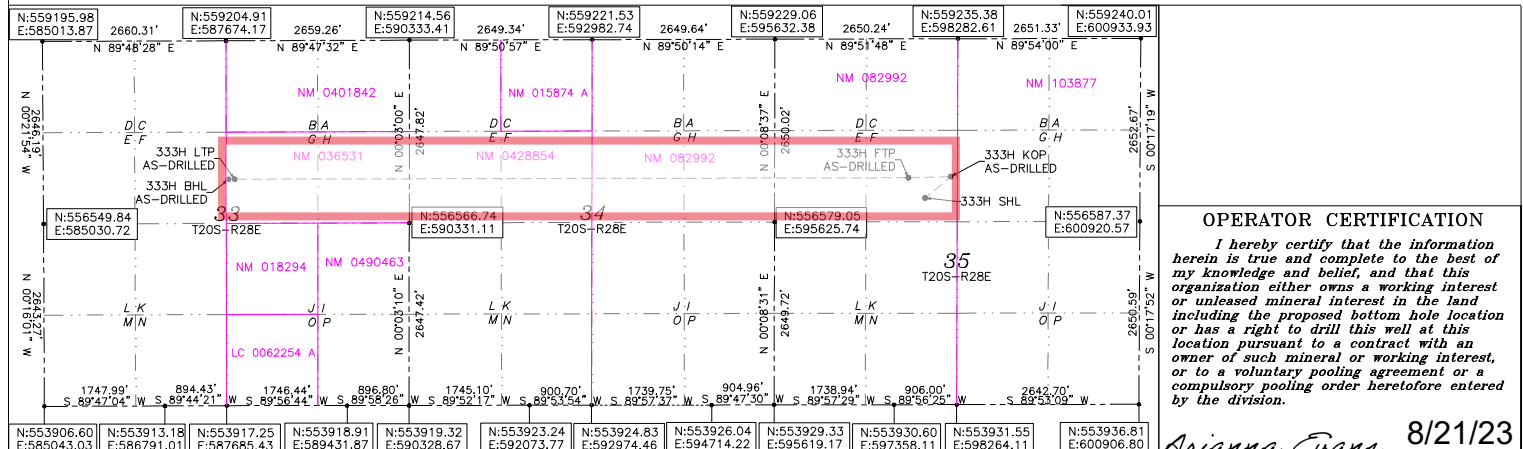
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	20-S	28-E		2307	NORTH	2182	WEST	EDDY

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
G	33	20-S	28-E		2006	NORTH	2620	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

**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**



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.

Arianna Evans 8/21/23
Signature Date

Arianna Evans

Printed Name

Arianna.Evans@dvn.com

E-mail Address

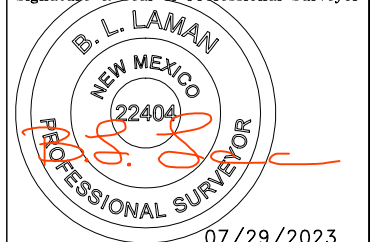
SURVEYOR CERTIFICATION

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

01/23/2023

Date of Survey

Signature & Seal of Professional Surveyor



07/29/2023

Certificate No. 22404 B.L. LAMAN

DRAWN BY: CM

BURTON FLAT DEEP UNIT 333H

EL:3210.8'

N:556927.14

E:597808.10

LAT:32.530918

LON:104.150100

KICK OFF POINT

1997' FNL 2552' FWL SEC. 35

N:557237.84

E:598179.49

LAT:32.531770

LON:104.148893

FIRST TAKE POINT

2013' FNL 1939' FWL SEC. 35

N:557220.31

E:597566.52

LAT:32.531725

LON:104.150882

LAST TAKE POINT

2006' FNL 2532' FEL SEC. 33

N:557199.73

E:587799.61

LAT:32.531710

LON:104.182573

BOTTOM OF HOLE

N:557199.03

E:587711.92

LAT:32.531709

LON:104.182858

Intent ☐ As Drilled ☒

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: BURTON FLAT DEEP UNIT	Well Number 333H

Kick Off Point (KOP)

UL F	Section 35	Township 20-S	Range 28-E	Lot	Feet 1997	From N/S NORTH	Feet 2552	From E/W WEST	County EDDY
Latitude 32.531770					Longitude 104.148893			NAD 83	

First Take Point (FTP)

UL F	Section 35	Township 20-S	Range 28-E	Lot	Feet 2013	From N/S NORTH	Feet 1939	From E/W WEST	County EDDY
Latitude 32.531725					Longitude 104.150882			NAD 83	

Last Take Point (LTP)

UL G	Section 33	Township 20-S	Range 28-E	Lot	Feet 2006	From N/S NORTH	Feet 2532	From E/W EAST	County EDDY
Latitude 32.531710					Longitude 104.182573			NAD 83	

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

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

API #		
Operator Name: DEVON ENERGY PRODUCTION CO.,LP	Property Name: BURTON FLAT DEEP UNIT	Well Number 332H

KZ 06/29/2018



Devon Energy

Eddy County, NM (NAD83 NME)

Burton Flat Deep Unit

Burton Flat Deep Unit 333H

OH Wellbore

Design: Actual Wellbore

Standard Survey Report

23 January, 2023



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Project	Eddy County, NM (NAD83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site		Burton Flat Deep Unit			
Site Position:		Northing:	552,047.44 usft	Latitude:	32.517533
From:	Map	Easting:	591,520.26 usft	Longitude:	-104.170526
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.09 °

Well	Burton Flat Deep Unit 333H					
Well Position	+N/-S	0.00 usft	Northing:	556,927.14 usft	Latitude:	32.530918
	+E/-W	0.00 usft	Easting:	597,808.10 usft	Longitude:	-104.150100
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,236.80 usft	Ground Level:	3,210.80 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	11/10/2022	6.88	60.15	47,598.00000000

Design	Actual Wellbore				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	271.59	

Survey Program	Date	1/23/2023			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
254.00	19,058.00	Survey #2 MSA (OH Wellbore)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
254.00	0.45	263.70	254.00	-0.11	-0.99	0.99	0.18	0.18	0.00	
357.00	0.38	332.18	357.00	0.15	-1.55	1.56	0.46	-0.07	66.49	
450.00	0.30	317.35	449.99	0.60	-1.86	1.88	0.13	-0.09	-15.95	
544.00	0.17	256.19	543.99	0.75	-2.16	2.18	0.28	-0.14	-65.06	
637.00	0.14	297.27	636.99	0.77	-2.40	2.42	0.12	-0.03	44.17	
731.00	0.58	46.33	730.99	1.15	-2.16	2.19	0.68	0.47	116.02	
827.00	0.42	46.28	826.99	1.73	-1.55	1.60	0.17	-0.17	-0.05	
923.00	0.79	71.57	922.98	2.18	-0.67	0.73	0.47	0.39	26.34	
1,019.00	0.55	41.28	1,018.98	2.73	0.26	-0.19	0.44	-0.25	-31.55	

Scientific Drilling

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,114.00	0.65	58.39	1,113.97	3.36	1.02	-0.93	0.21	0.11	18.01	
1,196.00	0.53	48.71	1,195.97	3.85	1.70	-1.60	0.19	-0.15	-11.80	
1,275.00	0.52	18.49	1,274.96	4.43	2.09	-1.97	0.35	-0.01	-38.25	
1,371.00	0.71	21.12	1,370.96	5.40	2.44	-2.29	0.20	0.20	2.74	
1,466.00	0.73	11.03	1,465.95	6.55	2.77	-2.59	0.13	0.02	-10.62	
1,561.00	0.78	17.08	1,560.94	7.76	3.08	-2.86	0.10	0.05	6.37	
1,657.00	0.83	15.68	1,656.93	9.05	3.46	-3.21	0.06	0.05	-1.46	
1,752.00	0.78	9.13	1,751.92	10.35	3.75	-3.46	0.11	-0.05	-6.89	
1,848.00	2.87	41.27	1,847.87	12.80	5.44	-5.08	2.34	2.18	33.48	
1,943.00	5.59	45.94	1,942.60	17.81	10.33	-9.83	2.88	2.86	4.92	
2,040.00	6.16	46.19	2,039.09	24.70	17.48	-16.79	0.59	0.59	0.26	
2,136.00	6.18	46.56	2,134.54	31.82	24.95	-24.06	0.05	0.02	0.39	
2,232.00	6.07	45.93	2,229.99	38.90	32.35	-31.26	0.13	-0.11	-0.66	
2,328.00	6.05	45.65	2,325.45	45.97	39.61	-38.32	0.04	-0.02	-0.29	
2,424.00	6.07	46.05	2,420.92	53.03	46.88	-45.40	0.05	0.02	0.42	
2,520.00	5.97	45.51	2,516.39	60.05	54.10	-52.41	0.12	-0.10	-0.56	
2,616.00	5.86	50.14	2,611.88	66.69	61.42	-59.55	0.51	-0.11	4.82	
2,711.00	5.93	50.91	2,706.37	72.89	68.96	-66.91	0.11	0.07	0.81	
2,807.00	5.87	50.82	2,801.87	79.12	76.61	-74.38	0.06	-0.06	-0.09	
2,902.00	5.77	50.09	2,896.38	85.25	84.04	-81.64	0.13	-0.11	-0.77	
2,997.00	5.60	48.66	2,990.91	91.38	91.18	-88.61	0.23	-0.18	-1.51	
3,095.00	5.46	47.83	3,088.45	97.67	98.23	-95.48	0.16	-0.14	-0.85	
3,190.00	5.11	50.25	3,183.05	103.40	104.83	-101.92	0.44	-0.37	2.55	
3,285.00	6.10	48.22	3,277.59	109.47	111.85	-108.77	1.06	1.04	-2.14	
3,381.00	5.69	49.01	3,373.09	115.99	119.24	-115.98	0.44	-0.43	0.82	
3,476.00	5.60	48.36	3,467.62	122.16	126.26	-122.82	0.12	-0.09	-0.68	
3,571.00	7.38	51.28	3,562.01	129.06	134.49	-130.85	1.91	1.87	3.07	
3,667.00	7.40	49.57	3,657.21	136.93	144.00	-140.15	0.23	0.02	-1.78	
3,762.00	7.35	49.43	3,751.43	144.84	153.28	-149.20	0.06	-0.05	-0.15	
3,857.00	7.45	46.74	3,845.64	153.02	162.38	-158.07	0.38	0.11	-2.83	
3,953.00	7.26	47.03	3,940.85	161.42	171.35	-166.80	0.20	-0.20	0.30	
4,048.00	6.51	47.32	4,035.16	169.16	179.70	-174.94	0.79	-0.79	0.31	
4,143.00	6.25	43.88	4,129.57	176.54	187.24	-182.27	0.49	-0.27	-3.62	
4,238.00	6.43	55.80	4,224.00	183.26	195.23	-190.07	1.40	0.19	12.55	
4,334.00	6.18	59.24	4,319.42	188.92	204.11	-198.79	0.47	-0.26	3.58	
4,429.00	5.36	60.44	4,413.93	193.72	212.37	-206.91	0.87	-0.86	1.26	
4,525.00	4.69	63.10	4,509.57	197.71	219.77	-214.20	0.74	-0.70	2.77	
4,620.00	5.97	57.64	4,604.15	202.11	227.40	-221.71	1.45	1.35	-5.75	
4,715.00	5.21	54.14	4,698.70	207.28	235.07	-229.23	0.88	-0.80	-3.68	
4,811.00	4.74	51.33	4,794.34	212.32	241.70	-235.72	0.55	-0.49	-2.93	
4,906.00	6.25	57.37	4,888.90	217.56	249.12	-242.99	1.70	1.59	6.36	
5,001.00	6.22	54.78	4,983.34	223.31	257.68	-251.39	0.30	-0.03	-2.73	
5,097.00	5.61	51.82	5,078.83	229.21	265.62	-259.16	0.71	-0.64	-3.08	
5,192.00	4.67	48.68	5,173.45	234.64	272.17	-265.56	1.03	-0.99	-3.31	



Scientific Drilling

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,287.00	6.02	48.42	5,268.03	240.50	278.81	-272.03	1.42	1.42	-0.27	
5,382.00	5.49	48.93	5,362.55	246.79	285.96	-279.00	0.56	-0.56	0.54	
5,478.00	6.87	45.50	5,457.99	253.83	293.52	-286.36	1.49	1.44	-3.57	
5,573.00	6.07	42.80	5,552.39	261.50	300.98	-293.61	0.90	-0.84	-2.84	
5,668.00	4.84	36.43	5,646.95	268.41	306.77	-299.21	1.44	-1.29	-6.71	
5,764.00	5.93	42.35	5,742.53	275.33	312.52	-304.76	1.27	1.14	6.17	
5,859.00	5.77	38.73	5,837.04	282.69	318.81	-310.85	0.42	-0.17	-3.81	
5,955.00	6.11	54.79	5,932.53	289.40	326.01	-317.85	1.76	0.35	16.73	
6,050.00	4.57	49.62	6,027.11	294.76	333.02	-324.71	1.70	-1.62	-5.44	
6,145.00	3.23	50.38	6,121.89	298.92	337.97	-329.54	1.41	-1.41	0.80	
6,241.00	1.86	31.17	6,217.79	301.98	340.86	-332.35	1.66	-1.43	-20.01	
6,336.00	2.24	66.20	6,312.74	304.05	343.35	-334.78	1.35	0.40	36.87	
6,431.00	2.25	90.76	6,407.67	304.77	346.92	-338.33	1.01	0.01	25.85	
6,526.00	2.10	132.84	6,502.60	303.56	350.06	-341.50	1.65	-0.16	44.29	
6,621.00	2.51	140.32	6,597.53	300.78	352.66	-344.18	0.53	0.43	7.87	
6,717.00	3.45	124.82	6,693.40	297.51	356.38	-347.98	1.28	0.98	-16.15	
6,812.00	2.37	113.86	6,788.27	295.09	360.52	-352.19	1.27	-1.14	-11.54	
6,908.00	0.75	108.12	6,884.24	294.09	362.93	-354.63	1.69	-1.69	-5.98	
7,003.00	0.30	284.83	6,979.23	293.96	363.28	-354.99	1.10	-0.47	186.01	
7,098.00	0.86	346.15	7,074.23	294.71	362.87	-354.55	0.80	0.59	64.55	
7,194.00	0.38	346.71	7,170.22	295.72	362.63	-354.28	0.50	-0.50	0.58	
7,288.00	0.81	332.32	7,264.22	296.61	362.25	-353.88	0.48	0.46	-15.31	
7,383.00	0.92	342.91	7,359.21	297.94	361.71	-353.30	0.20	0.12	11.15	
7,479.00	0.62	356.71	7,455.20	299.19	361.45	-353.01	0.37	-0.31	14.38	
7,574.00	1.95	53.48	7,550.17	300.67	362.72	-354.24	1.78	1.40	59.76	
7,670.00	1.32	61.15	7,646.14	302.17	365.00	-356.48	0.69	-0.66	7.99	
7,765.00	0.77	275.66	7,741.13	302.77	365.33	-356.79	2.11	-0.58	-153.15	
7,860.00	1.92	346.15	7,836.10	304.37	364.31	-355.72	1.91	1.21	74.20	
7,956.00	1.44	45.13	7,932.07	306.79	364.78	-356.13	1.78	-0.50	61.44	
8,052.00	1.94	77.49	8,028.03	307.99	367.22	-358.53	1.10	0.52	33.71	
8,148.00	1.38	63.94	8,123.99	308.85	369.85	-361.13	0.71	-0.58	-14.11	
8,196.00	1.72	48.08	8,171.97	309.58	370.90	-362.17	1.13	0.71	-33.04	
8,258.00	1.29	352.11	8,233.95	310.90	371.50	-362.73	2.36	-0.69	-90.27	
8,324.72	11.35	283.75	8,300.21	313.21	365.00	-356.17	16.40	15.08	-102.46	
FTP 2548 FWL Sec 35 - 8324.72 MD 8300.21 TVD										
8,353.00	15.97	281.89	8,327.69	314.67	358.48	-349.61	16.40	16.33	-6.57	
8,448.00	29.46	281.83	8,415.12	322.19	322.66	-313.60	14.20	14.20	-0.06	
8,543.00	35.90	274.98	8,495.06	329.41	271.98	-262.74	7.81	6.78	-7.21	
8,638.00	40.62	265.64	8,569.70	329.47	213.32	-204.09	7.85	4.97	-9.83	
8,733.00	46.40	260.62	8,638.59	321.51	148.47	-139.49	7.09	6.08	-5.28	
8,828.00	53.32	262.65	8,699.80	311.01	76.66	-68.00	7.46	7.28	2.14	
8,923.00	61.68	266.75	8,750.81	303.75	-3.04	11.47	9.52	8.80	4.32	
9,018.00	66.02	266.35	8,792.67	298.62	-88.14	96.39	4.58	4.57	-0.42	



Scientific Drilling

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
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Design:	Actual Wellbore	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,113.00	71.67	268.87	8,826.95	294.96	-176.62	184.73	6.44	5.95	2.65	
9,209.00	80.83	268.02	8,849.74	292.42	-269.73	277.74	9.58	9.54	-0.89	
9,297.00	90.27	266.36	8,856.56	288.12	-357.26	365.11	10.89	10.73	-1.89	
9,336.00	90.61	266.31	8,856.26	285.62	-396.18	403.95	0.88	0.87	-0.13	
9,431.00	91.14	266.01	8,854.81	279.26	-490.95	498.51	0.64	0.56	-0.32	
9,526.00	91.55	264.61	8,852.58	271.50	-585.60	592.91	1.54	0.43	-1.47	
9,621.00	92.02	264.44	8,849.62	262.44	-680.12	687.14	0.53	0.49	-0.18	
9,717.00	90.87	265.25	8,847.20	253.82	-775.70	782.45	1.47	-1.20	0.84	
9,812.00	90.81	264.87	8,845.81	245.64	-870.34	876.82	0.40	-0.06	-0.40	
9,908.00	91.41	266.37	8,843.95	238.31	-966.04	972.28	1.68	0.63	1.56	
10,003.00	92.15	266.52	8,841.00	232.42	-1,060.81	1,066.85	0.79	0.78	0.16	
10,098.00	92.99	265.95	8,836.74	226.19	-1,155.51	1,161.34	1.07	0.88	-0.60	
10,194.00	91.95	266.23	8,832.60	219.65	-1,251.19	1,256.81	1.12	-1.08	0.29	
10,289.00	92.08	265.95	8,829.26	213.17	-1,345.91	1,351.31	0.32	0.14	-0.29	
10,384.00	91.18	266.41	8,826.56	206.85	-1,440.66	1,445.85	1.06	-0.95	0.48	
10,480.00	90.84	267.51	8,824.87	201.76	-1,536.51	1,541.52	1.20	-0.35	1.15	
10,575.00	91.04	267.26	8,823.31	197.42	-1,631.40	1,636.25	0.34	0.21	-0.26	
10,670.00	91.38	267.12	8,821.30	192.77	-1,726.26	1,730.95	0.39	0.36	-0.15	
10,766.00	91.78	266.62	8,818.66	187.53	-1,822.08	1,826.59	0.67	0.42	-0.52	
10,861.00	92.15	265.65	8,815.40	181.13	-1,916.81	1,921.10	1.09	0.39	-1.02	
10,950.00	91.28	267.00	8,812.73	175.43	-2,005.59	2,009.68	1.80	-0.98	1.52	
11,040.00	90.64	268.74	8,811.23	172.08	-2,095.51	2,099.47	2.06	-0.71	1.93	
11,126.86	90.77	269.74	8,810.16	170.93	-2,182.35	2,186.25	1.16	0.15	1.15	
CSL: Sec 35 into 34 - 11126.86 MD 8810.16 TVD										
11,129.00	90.77	269.76	8,810.13	170.92	-2,184.49	2,188.39	1.16	0.15	1.15	
11,219.00	91.21	270.29	8,808.58	170.96	-2,274.48	2,278.35	0.77	0.49	0.59	
11,308.00	91.65	269.62	8,806.35	170.89	-2,363.45	2,367.28	0.90	0.49	-0.75	
11,398.00	91.92	268.61	8,803.55	169.50	-2,453.39	2,457.15	1.16	0.30	-1.12	
11,487.00	92.12	269.44	8,800.41	167.98	-2,542.32	2,546.01	0.96	0.22	0.93	
11,577.00	90.61	269.92	8,798.27	167.48	-2,632.29	2,635.93	1.76	-1.68	0.53	
11,666.00	90.34	269.91	8,797.53	167.35	-2,721.29	2,724.89	0.30	-0.30	-0.01	
11,756.00	90.77	269.27	8,796.66	166.70	-2,811.28	2,814.83	0.86	0.48	-0.71	
11,845.00	91.68	268.95	8,794.76	165.32	-2,900.25	2,903.72	1.08	1.02	-0.36	
11,934.00	90.44	268.43	8,793.11	163.29	-2,989.21	2,992.59	1.51	-1.39	-0.58	
12,024.00	90.30	268.10	8,792.53	160.56	-3,079.17	3,082.44	0.40	-0.16	-0.37	
12,113.00	90.84	267.30	8,791.64	156.99	-3,168.09	3,171.23	1.08	0.61	-0.90	
12,203.00	91.98	268.29	8,789.43	153.53	-3,257.99	3,261.00	1.68	1.27	1.10	
12,292.00	90.77	267.47	8,787.29	150.24	-3,346.91	3,349.79	1.64	-1.36	-0.92	
12,382.00	90.74	267.06	8,786.11	145.94	-3,436.79	3,439.52	0.46	-0.03	-0.46	
12,471.00	91.31	266.88	8,784.52	141.24	-3,525.66	3,528.22	0.67	0.64	-0.20	
12,561.00	91.78	266.13	8,782.09	135.76	-3,615.46	3,617.83	0.98	0.52	-0.83	
12,650.00	90.10	265.22	8,780.63	129.05	-3,704.19	3,706.34	2.15	-1.89	-1.02	
12,740.00	90.00	264.98	8,780.55	121.36	-3,793.86	3,795.76	0.29	-0.11	-0.27	
12,829.00	90.24	264.59	8,780.37	113.27	-3,882.49	3,884.14	0.51	0.27	-0.44	



Scientific Drilling Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,919.00	90.97	264.67	8,779.41	104.85	-3,972.09	3,973.47	0.82	0.81	0.09
13,009.00	90.97	265.21	8,777.89	96.91	-4,061.72	4,062.85	0.60	0.00	0.60
13,098.00	89.06	266.45	8,777.87	90.44	-4,150.48	4,151.39	2.56	-2.15	1.39
13,188.00	88.59	268.10	8,779.71	86.16	-4,240.36	4,241.12	1.91	-0.52	1.83
13,277.00	89.09	269.42	8,781.52	84.23	-4,329.32	4,329.99	1.59	0.56	1.48
13,367.00	89.39	269.45	8,782.71	83.35	-4,419.30	4,419.92	0.33	0.33	0.03
13,456.00	89.93	269.35	8,783.24	82.42	-4,508.30	4,508.85	0.62	0.61	-0.11
13,546.00	91.65	269.16	8,782.00	81.25	-4,598.28	4,598.76	1.92	1.91	-0.21
13,635.00	93.13	269.13	8,778.29	79.92	-4,687.19	4,687.60	1.66	1.66	-0.03
13,725.00	93.73	268.25	8,772.90	77.86	-4,777.00	4,777.32	1.18	0.67	-0.98
13,814.00	91.28	268.23	8,769.01	75.13	-4,865.87	4,866.08	2.75	-2.75	-0.02
13,904.00	91.78	267.77	8,766.61	71.99	-4,955.78	4,955.87	0.75	0.56	-0.51
13,993.00	92.39	267.25	8,763.37	68.13	-5,044.64	5,044.59	0.90	0.69	-0.58
14,083.00	93.46	267.40	8,758.78	63.94	-5,134.42	5,134.22	1.20	1.19	0.17
14,172.00	92.09	266.63	8,754.47	59.31	-5,223.19	5,222.83	1.77	-1.54	-0.87
14,262.00	90.77	266.97	8,752.22	54.28	-5,313.02	5,312.48	1.51	-1.47	0.38
14,351.00	91.18	266.49	8,750.71	49.21	-5,401.86	5,401.15	0.71	0.46	-0.54
14,441.00	91.78	266.30	8,748.38	43.55	-5,491.66	5,490.75	0.70	0.67	-0.21
14,531.00	90.97	267.13	8,746.22	38.40	-5,581.48	5,580.40	1.29	-0.90	0.92
14,620.00	91.55	268.52	8,744.27	35.02	-5,670.39	5,669.18	1.69	0.65	1.56
14,710.00	92.08	268.09	8,741.42	32.36	-5,760.31	5,758.99	0.76	0.59	-0.48
14,799.00	90.91	268.27	8,739.09	29.53	-5,849.23	5,847.80	1.33	-1.31	0.20
14,889.00	91.58	271.27	8,737.14	29.17	-5,939.20	5,937.72	3.41	0.74	3.33
14,979.00	91.98	273.14	8,734.34	32.63	-6,029.08	6,027.67	2.12	0.44	2.08
15,068.00	91.55	273.96	8,731.60	38.14	-6,117.87	6,116.57	1.04	-0.48	0.92
15,158.00	92.59	273.99	8,728.35	44.37	-6,207.59	6,206.43	1.16	1.16	0.03
15,247.00	92.42	274.20	8,724.46	50.72	-6,296.28	6,295.26	0.30	-0.19	0.24
15,337.00	91.18	275.32	8,721.63	58.19	-6,385.92	6,385.08	1.86	-1.38	1.24
15,426.00	91.18	275.02	8,719.80	66.21	-6,474.54	6,473.89	0.34	0.00	-0.34
15,515.00	92.18	274.89	8,717.19	73.89	-6,563.17	6,562.69	1.13	1.12	-0.15
15,605.00	91.01	275.37	8,714.69	81.94	-6,652.77	6,652.49	1.41	-1.30	0.53
15,695.00	90.94	275.93	8,713.16	90.79	-6,742.32	6,742.25	0.63	-0.08	0.62
15,784.00	91.78	275.89	8,711.04	99.96	-6,830.82	6,830.97	0.94	0.94	-0.04
15,874.00	91.24	274.84	8,708.67	108.37	-6,920.40	6,920.74	1.31	-0.60	-1.17
15,963.00	89.80	274.55	8,707.86	115.65	-7,009.09	7,009.60	1.65	-1.62	-0.33
16,053.00	89.83	274.97	8,708.15	123.12	-7,098.78	7,099.46	0.47	0.03	0.47
16,143.00	90.64	274.54	8,707.78	130.58	-7,188.47	7,189.33	1.02	0.90	-0.48
16,232.00	90.60	274.93	8,706.82	137.93	-7,277.16	7,278.19	0.44	-0.04	0.44
16,322.00	91.48	275.35	8,705.19	145.99	-7,366.78	7,368.00	1.08	0.98	0.47
16,412.00	89.66	274.38	8,704.29	153.62	-7,456.45	7,457.84	2.29	-2.02	-1.08
16,434.08	89.63	274.44	8,704.43	155.32	-7,478.46	7,479.89	0.33	-0.15	0.29
CSL: Sec 34 into 33 - 16434.08 MD 8704.43 TVD									
16,501.00	89.53	274.64	8,704.92	160.62	-7,545.17	7,546.72	0.33	-0.15	0.29



Scientific Drilling Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,591.00	88.69	274.80	8,706.32	168.02	-7,634.85	7,636.58	0.95	-0.93	0.18
16,680.00	88.96	275.09	8,708.14	175.69	-7,723.50	7,725.41	0.45	0.30	0.33
16,770.00	89.70	274.88	8,709.20	183.51	-7,813.16	7,815.24	0.85	0.82	-0.23
16,860.00	90.61	274.52	8,708.95	190.89	-7,902.85	7,905.11	1.09	1.01	-0.40
16,949.00	91.82	274.13	8,707.07	197.60	-7,991.58	7,993.98	1.43	1.36	-0.44
17,039.00	91.01	274.58	8,704.84	204.43	-8,081.29	8,083.85	1.03	-0.90	0.50
17,128.00	88.72	273.48	8,705.05	210.68	-8,170.06	8,172.76	2.85	-2.57	-1.24
17,218.00	88.35	274.46	8,707.35	216.91	-8,259.82	8,262.65	1.16	-0.41	1.09
17,308.00	88.59	276.01	8,709.76	225.12	-8,349.41	8,352.44	1.74	0.27	1.72
17,398.00	89.19	275.47	8,711.50	234.12	-8,438.94	8,442.18	0.90	0.67	-0.60
17,487.00	90.74	275.78	8,711.56	242.84	-8,527.51	8,530.96	1.78	1.74	0.35
17,577.00	91.41	274.28	8,709.87	250.73	-8,617.14	8,620.78	1.83	0.74	-1.67
17,666.00	91.65	273.25	8,707.49	256.58	-8,705.91	8,709.68	1.19	0.27	-1.16
17,756.00	90.20	272.36	8,706.04	260.98	-8,795.79	8,799.65	1.89	-1.61	-0.99
17,845.00	89.87	271.77	8,705.98	264.19	-8,884.73	8,888.64	0.76	-0.37	-0.66
17,935.00	90.87	271.37	8,705.40	266.65	-8,974.70	8,978.64	1.20	1.11	-0.44
18,024.00	91.71	271.60	8,703.40	268.96	-9,063.64	9,067.62	0.98	0.94	0.26
18,114.00	90.30	270.42	8,701.82	270.54	-9,153.61	9,157.59	2.04	-1.57	-1.31
18,203.00	90.87	270.17	8,700.91	271.00	-9,242.61	9,246.57	0.70	0.64	-0.28
18,293.00	91.98	269.77	8,698.67	270.96	-9,332.58	9,336.50	1.31	1.23	-0.44
18,383.00	90.57	270.43	8,696.67	271.11	-9,422.55	9,426.45	1.73	-1.57	0.73
18,472.00	90.10	270.61	8,696.15	271.92	-9,511.55	9,515.43	0.57	-0.53	0.20
18,562.00	90.84	270.37	8,695.41	272.69	-9,601.54	9,605.41	0.86	0.82	-0.27
18,652.00	92.05	270.43	8,693.14	273.32	-9,691.51	9,695.36	1.35	1.34	0.07
18,741.00	91.07	269.84	8,690.72	273.53	-9,780.47	9,784.29	1.29	-1.10	-0.66
18,830.00	91.85	269.89	8,688.45	273.32	-9,869.44	9,873.23	0.88	0.88	0.06
18,920.00	92.96	269.66	8,684.68	272.96	-9,959.36	9,963.10	1.26	1.23	-0.26
18,977.95	93.78	269.55	8,681.27	272.57	-10,017.21	10,020.91	1.43	1.42	-0.18
LTP 2540 FEL Sec 33 - 18977.95 MD 8681.27 TVD									
18,991.00	93.97	269.53	8,680.38	272.46	-10,030.23	10,033.93	1.43	1.42	-0.18
19,058.00	93.97	269.53	8,675.75	271.92	-10,097.06	10,100.72	0.00	0.00	0.00
Actual BH: 2006 FNL 2489.8 FEL - 19058.00 MD 8675.75 TVD - Y-557199.03 X-587711.92 - 32.531709°N 104.182858°W									



Scientific Drilling
Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,324.72	8,300.21	313.21	365.00	FTP 2548 FWL Sec 35
8,324.72	8,300.21	313.21	365.00	8324.72 MD 8300.21 TVD
11,126.86	8,810.16	170.93	-2,182.35	CSL: Sec 35 into 34
11,126.86	8,810.16	170.93	-2,182.35	11126.86 MD 8810.16 TVD
16,434.08	8,704.43	155.32	-7,478.46	CSL: Sec 34 into 33
16,434.08	8,704.43	155.32	-7,478.46	16434.08 MD 8704.43 TVD
18,977.95	8,681.27	272.57	-10,017.21	LTP 2540 FEL Sec 33
18,977.95	8,681.27	272.57	-10,017.21	18977.95 MD 8681.27 TVD
19,058.00	8,675.75	271.92	-10,097.06	Actual BH: 2006 FNL 2489.8 FEL
19,058.00	8,675.75	271.92	-10,097.06	19058.00 MD 8675.75 TVD
19,058.00	8,675.75	271.92	-10,097.06	Y-557199.03 X-587711.92
19,058.00	8,675.75	271.92	-10,097.06	32.531709°N 104.182858°W

Checked By: _____ Approved By: _____ Date: _____



Devon Energy

Eddy County, NM (NAD83 NME)

Burton Flat Deep Unit

Burton Flat Deep Unit 333H

OH Wellbore

Design: Actual Wellbore

Survey Report - Geographic

23 January, 2023



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Scientific Drilling
Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Project	Eddy County, NM (NAD83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	Burton Flat Deep Unit		
Site Position:		Northing:	552,047.44 usft
From:	Map	Easting:	591,520.26 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.517533
		Longitude:	-104.170526
		Grid Convergence:	0.09 °

Well	Burton Flat Deep Unit 333H		
Well Position	+N/-S	0.00 usft	Northing: 556,927.14 usft
	+E/-W	0.00 usft	Easting: 597,808.10 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,236.80 usft
		Latitude:	32.530918
		Longitude:	-104.150100
		Ground Level:	3,210.80 usft

Wellbore	OH Wellbore		
Magnetics	Model Name	Sample Date	Declination
			(°)
	HDGM2022	11/10/2022	6.88
			Dip Angle (°)
			60.15
			Field Strength (nT)
			47,598.00000000

Design	Actual Wellbore		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction (°)
			271.59

Survey Program	Date	1/23/2023		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
254.00	19,058.00	Survey #2 MSA (OH Wellbore)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Map Northing	Map Easting	Latitude	Longitude
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
0.00	0.00	0.00	0.00	0.00	0.00	556,927.14	597,808.10	32.530918	-104.150100
254.00	0.45	263.70	254.00	-0.11	-0.99	556,927.03	597,807.11	32.530918	-104.150103
357.00	0.38	332.18	357.00	0.15	-1.55	556,927.29	597,806.55	32.530918	-104.150105
450.00	0.30	317.35	449.99	0.60	-1.86	556,927.74	597,806.24	32.530920	-104.150106
544.00	0.17	256.19	543.99	0.75	-2.16	556,927.89	597,805.94	32.530920	-104.150107
637.00	0.14	297.27	636.99	0.77	-2.40	556,927.91	597,805.70	32.530920	-104.150108
731.00	0.58	46.33	730.99	1.15	-2.16	556,928.29	597,805.95	32.530921	-104.150107
827.00	0.42	46.28	826.99	1.73	-1.55	556,928.87	597,806.55	32.530923	-104.150105
923.00	0.79	71.57	922.98	2.18	-0.67	556,929.32	597,807.43	32.530924	-104.150102
1,019.00	0.55	41.28	1,018.98	2.73	0.26	556,929.88	597,808.37	32.530925	-104.150099
1,114.00	0.65	58.39	1,113.97	3.36	1.02	556,930.50	597,809.13	32.530927	-104.150096
1,196.00	0.53	48.71	1,195.97	3.85	1.70	556,931.00	597,809.81	32.530928	-104.150094



Scientific Drilling

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,275.00	0.52	18.49	1,274.96	4.43	2.09	556,931.58	597,810.20	32.530930	-104.150093
1,371.00	0.71	21.12	1,370.96	5.40	2.44	556,932.54	597,810.55	32.530933	-104.150092
1,466.00	0.73	11.03	1,465.95	6.55	2.77	556,933.69	597,810.88	32.530936	-104.150091
1,561.00	0.78	17.08	1,560.94	7.76	3.08	556,934.90	597,811.18	32.530939	-104.150090
1,657.00	0.83	15.68	1,656.93	9.05	3.46	556,936.19	597,811.56	32.530943	-104.150089
1,752.00	0.78	9.13	1,751.92	10.35	3.75	556,937.49	597,811.85	32.530946	-104.150088
1,848.00	2.87	41.27	1,847.87	12.80	5.44	556,939.95	597,813.54	32.530953	-104.150082
1,943.00	5.59	45.94	1,942.60	17.81	10.33	556,944.95	597,818.43	32.530967	-104.150066
2,040.00	6.16	46.19	2,039.09	24.70	17.48	556,951.84	597,825.58	32.530986	-104.150043
2,136.00	6.18	46.56	2,134.54	31.82	24.95	556,958.96	597,833.05	32.531005	-104.150019
2,232.00	6.07	45.93	2,229.99	38.90	32.35	556,966.04	597,840.45	32.531025	-104.149995
2,328.00	6.05	45.65	2,325.45	45.97	39.61	556,973.11	597,847.71	32.531044	-104.149971
2,424.00	6.07	46.05	2,420.92	53.03	46.88	556,980.16	597,854.98	32.531063	-104.149947
2,520.00	5.97	45.51	2,516.39	60.05	54.10	556,987.19	597,862.20	32.531083	-104.149924
2,616.00	5.86	50.14	2,611.88	66.69	61.42	556,993.82	597,869.52	32.531101	-104.149900
2,711.00	5.93	50.91	2,706.37	72.89	68.96	557,000.03	597,877.05	32.531118	-104.149876
2,807.00	5.87	50.82	2,801.87	79.12	76.61	557,006.25	597,884.71	32.531135	-104.149851
2,902.00	5.77	50.09	2,896.38	85.25	84.04	557,012.39	597,892.13	32.531152	-104.149827
2,997.00	5.60	48.66	2,990.91	91.38	91.18	557,018.51	597,899.28	32.531169	-104.149803
3,095.00	5.46	47.83	3,088.45	97.67	98.23	557,024.80	597,906.32	32.531186	-104.149781
3,190.00	5.11	50.25	3,183.05	103.40	104.83	557,030.54	597,912.92	32.531202	-104.149759
3,285.00	6.10	48.22	3,277.59	109.47	111.85	557,036.61	597,919.94	32.531218	-104.149736
3,381.00	5.69	49.01	3,373.09	115.99	119.24	557,043.13	597,927.34	32.531236	-104.149712
3,476.00	5.60	48.36	3,467.62	122.16	126.26	557,049.29	597,934.35	32.531253	-104.149689
3,571.00	7.38	51.28	3,562.01	129.06	134.49	557,056.19	597,942.58	32.531272	-104.149663
3,667.00	7.40	49.57	3,657.21	136.93	144.00	557,064.06	597,952.09	32.531294	-104.149632
3,762.00	7.35	49.43	3,751.43	144.84	153.28	557,071.97	597,961.37	32.531315	-104.149602
3,857.00	7.45	46.74	3,845.64	153.02	162.38	557,080.15	597,970.47	32.531338	-104.149572
3,953.00	7.26	47.03	3,940.85	161.42	171.35	557,088.55	597,979.44	32.531361	-104.149543
4,048.00	6.51	47.32	4,035.16	169.16	179.70	557,096.29	597,987.79	32.531382	-104.149516
4,143.00	6.25	43.88	4,129.57	176.54	187.24	557,103.67	597,995.33	32.531402	-104.149491
4,238.00	6.43	55.80	4,224.00	183.26	195.23	557,110.38	598,003.31	32.531421	-104.149465
4,334.00	6.18	59.24	4,319.42	188.92	204.11	557,116.05	598,012.20	32.531436	-104.149436
4,429.00	5.36	60.44	4,413.93	193.72	212.37	557,120.85	598,020.45	32.531449	-104.149410
4,525.00	4.69	63.10	4,509.57	197.71	219.77	557,124.84	598,027.85	32.531460	-104.149386
4,620.00	5.97	57.64	4,604.15	202.11	227.40	557,129.24	598,035.49	32.531472	-104.149361
4,715.00	5.21	54.14	4,698.70	207.28	235.07	557,134.41	598,043.16	32.531486	-104.149336
4,811.00	4.74	51.33	4,794.34	212.32	241.70	557,139.44	598,049.79	32.531500	-104.149314
4,906.00	6.25	57.37	4,888.90	217.56	249.12	557,144.68	598,057.20	32.531515	-104.149290
5,001.00	6.22	54.78	4,983.34	223.31	257.68	557,150.44	598,065.76	32.531530	-104.149262
5,097.00	5.61	51.82	5,078.83	229.21	265.62	557,156.34	598,073.70	32.531547	-104.149237
5,192.00	4.67	48.68	5,173.45	234.64	272.17	557,161.76	598,080.25	32.531561	-104.149215
5,287.00	6.02	48.42	5,268.03	240.50	278.81	557,167.62	598,086.88	32.531578	-104.149194
5,382.00	5.49	48.93	5,362.55	246.79	285.96	557,173.91	598,094.04	32.531595	-104.149171
5,478.00	6.87	45.50	5,457.99	253.83	293.52	557,180.95	598,101.59	32.531614	-104.149146
5,573.00	6.07	42.80	5,552.39	261.50	300.98	557,188.62	598,109.06	32.531635	-104.149122
5,668.00	4.84	36.43	5,646.95	268.41	306.77	557,195.53	598,114.85	32.531654	-104.149103
5,764.00	5.93	42.35	5,742.53	275.33	312.52	557,202.45	598,120.60	32.531673	-104.149084
5,859.00	5.77	38.73	5,837.04	282.69	318.81	557,209.80	598,126.89	32.531693	-104.149064
5,955.00	6.11	54.79	5,932.53	289.40	326.01	557,216.51	598,134.08	32.531712	-104.149040
6,050.00	4.57	49.62	6,027.11	294.76	333.02	557,221.88	598,141.10	32.531726	-104.149018
6,145.00	3.23	50.38	6,121.89	298.92	337.97	557,226.04	598,146.04	32.531738	-104.149002
6,241.00	1.86	31.17	6,217.79	301.98	340.86	557,229.10	598,148.93	32.531746	-104.148992
6,336.00	2.24	66.20	6,312.74	304.05	343.35	557,231.16	598,151.43	32.531752	-104.148984
6,431.00	2.25	90.76	6,407.67	304.77	346.92	557,231.89	598,154.99	32.531754	-104.148973



Scientific Drilling

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,526.00	2.10	132.84	6,502.60	303.56	350.06	557,230.68	598,158.13	32.531751	-104.148962
6,621.00	2.51	140.32	6,597.53	300.78	352.66	557,227.90	598,160.74	32.531743	-104.148954
6,717.00	3.45	124.82	6,693.40	297.51	356.38	557,224.63	598,164.45	32.531734	-104.148942
6,812.00	2.37	113.86	6,788.27	295.09	360.52	557,222.20	598,168.59	32.531727	-104.148928
6,908.00	0.75	108.12	6,884.24	294.09	362.93	557,221.20	598,171.00	32.531724	-104.148921
7,003.00	0.30	284.83	6,979.23	293.96	363.28	557,221.07	598,171.35	32.531724	-104.148919
7,098.00	0.86	346.15	7,074.23	294.71	362.87	557,221.83	598,170.94	32.531726	-104.148921
7,194.00	0.38	346.71	7,170.22	295.72	362.63	557,222.84	598,170.70	32.531729	-104.148922
7,288.00	0.81	332.32	7,264.22	296.61	362.25	557,223.73	598,170.32	32.531731	-104.148923
7,383.00	0.92	342.91	7,359.21	297.94	361.71	557,225.06	598,169.78	32.531735	-104.148925
7,479.00	0.62	356.71	7,455.20	299.19	361.45	557,226.31	598,169.52	32.531738	-104.148925
7,574.00	1.95	53.48	7,550.17	300.67	362.72	557,227.79	598,170.79	32.531743	-104.148921
7,670.00	1.32	61.15	7,646.14	302.17	365.00	557,229.29	598,173.08	32.531747	-104.148914
7,765.00	0.77	275.66	7,741.13	302.77	365.33	557,229.88	598,173.40	32.531748	-104.148913
7,860.00	1.92	346.15	7,836.10	304.37	364.31	557,231.49	598,172.38	32.531753	-104.148916
7,956.00	1.44	45.13	7,932.07	306.79	364.78	557,233.90	598,172.85	32.531759	-104.148915
8,052.00	1.94	77.49	8,028.03	307.99	367.22	557,235.10	598,175.29	32.531763	-104.148907
8,148.00	1.38	63.94	8,123.99	308.85	369.85	557,235.96	598,177.92	32.531765	-104.148898
8,196.00	1.72	48.08	8,171.97	309.58	370.90	557,236.70	598,178.97	32.531767	-104.148895
8,258.00	1.29	352.11	8,233.95	310.90	371.50	557,238.01	598,179.57	32.531771	-104.148893
8,324.72	11.35	283.75	8,300.21	313.21	365.00	557,240.32	598,173.07	32.531777	-104.148914
FTP 2548 FWL Sec 35 - 8324.72 MD 8300.21 TVD									
8,353.00	15.97	281.89	8,327.69	314.67	358.48	557,241.79	598,166.56	32.531781	-104.148935
8,448.00	29.46	281.83	8,415.12	322.19	322.66	557,249.30	598,130.74	32.531802	-104.149051
8,543.00	35.90	274.98	8,495.06	329.41	271.98	557,256.52	598,080.06	32.531822	-104.149216
8,638.00	40.62	265.64	8,569.70	329.47	213.32	557,256.59	598,021.40	32.531822	-104.149406
8,733.00	46.40	260.62	8,638.59	321.51	148.47	557,248.62	597,956.56	32.531801	-104.149616
8,828.00	53.32	262.65	8,699.80	311.01	76.66	557,238.13	597,884.75	32.531772	-104.149849
8,923.00	61.68	266.75	8,750.81	303.75	-3.04	557,230.87	597,805.07	32.531753	-104.150108
9,018.00	66.02	266.35	8,792.67	298.62	-88.14	557,225.74	597,719.97	32.531739	-104.150384
9,113.00	71.67	268.87	8,826.95	294.96	-176.62	557,222.08	597,631.50	32.531729	-104.150671
9,209.00	80.83	268.02	8,849.74	292.42	-269.73	557,219.54	597,538.40	32.531723	-104.150973
9,297.00	90.27	266.36	8,856.56	288.12	-357.26	557,215.23	597,450.88	32.531711	-104.151257
9,336.00	90.61	266.31	8,856.26	285.62	-396.18	557,212.74	597,411.96	32.531705	-104.151384
9,431.00	91.14	266.01	8,854.81	279.26	-490.95	557,206.38	597,317.20	32.531688	-104.151691
9,526.00	91.55	264.61	8,852.58	271.50	-585.60	557,198.62	597,222.55	32.531667	-104.151998
9,621.00	92.02	264.44	8,849.62	262.44	-680.12	557,189.56	597,128.04	32.531642	-104.152305
9,717.00	90.87	265.25	8,847.20	253.82	-775.70	557,180.94	597,032.47	32.531619	-104.152615
9,812.00	90.81	264.87	8,845.81	245.64	-870.34	557,172.76	596,937.84	32.531597	-104.152922
9,908.00	91.41	266.37	8,843.95	238.31	-966.04	557,165.43	596,842.15	32.531577	-104.153233
10,003.00	92.15	266.52	8,841.00	232.42	-1,060.81	557,159.54	596,747.39	32.531562	-104.153540
10,098.00	92.99	265.95	8,836.74	226.19	-1,155.51	557,153.31	596,652.70	32.531545	-104.153848
10,194.00	91.95	266.23	8,832.60	219.65	-1,251.19	557,146.77	596,557.02	32.531527	-104.154158
10,289.00	92.08	265.95	8,829.26	213.17	-1,345.91	557,140.30	596,462.31	32.531510	-104.154465
10,384.00	91.18	266.41	8,826.56	206.85	-1,440.66	557,133.97	596,367.57	32.531493	-104.154773
10,480.00	90.84	267.51	8,824.87	201.76	-1,536.51	557,128.88	596,271.73	32.531480	-104.155084
10,575.00	91.04	267.26	8,823.31	197.42	-1,631.40	557,124.55	596,176.85	32.531468	-104.155392
10,670.00	91.38	267.12	8,821.30	192.77	-1,726.26	557,119.89	596,081.99	32.531456	-104.155700
10,766.00	91.78	266.62	8,818.66	187.53	-1,822.08	557,114.65	595,986.18	32.531442	-104.156010
10,861.00	92.15	265.65	8,815.40	181.13	-1,916.81	557,108.25	595,891.46	32.531425	-104.156318
10,950.00	91.28	267.00	8,812.73	175.43	-2,005.59	557,102.55	595,802.69	32.531409	-104.156606
11,040.00	90.64	268.74	8,811.23	172.08	-2,095.51	557,099.21	595,712.78	32.531401	-104.156898
11,126.86	90.77	269.74	8,810.16	170.93	-2,182.35	557,098.05	595,625.94	32.531398	-104.157179
CSL: Sec 35 into 34 - 11126.86 MD 8810.16 TVD									
11,129.00	90.77	269.76	8,810.13	170.92	-2,184.49	557,098.04	595,623.80	32.531398	-104.157186



Scientific Drilling

Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,219.00	91.21	270.29	8,808.58	170.96	-2,274.48	557,098.08	595,533.82	32.531398	-104.157478
11,308.00	91.65	269.62	8,806.35	170.89	-2,363.45	557,098.01	595,444.86	32.531398	-104.157767
11,398.00	91.92	268.61	8,803.55	169.50	-2,453.39	557,096.62	595,354.92	32.531395	-104.158059
11,487.00	92.12	269.44	8,800.41	167.98	-2,542.32	557,095.11	595,266.00	32.531391	-104.158347
11,577.00	90.61	269.92	8,798.27	167.48	-2,632.29	557,094.61	595,176.04	32.531390	-104.158639
11,666.00	90.34	269.91	8,797.53	167.35	-2,721.29	557,094.48	595,087.05	32.531390	-104.158928
11,756.00	90.77	269.27	8,796.66	166.70	-2,811.28	557,093.83	594,997.06	32.531389	-104.159220
11,845.00	91.68	268.95	8,794.76	165.32	-2,900.25	557,092.45	594,908.10	32.531386	-104.159509
11,934.00	90.44	268.43	8,793.11	163.29	-2,989.21	557,090.42	594,819.15	32.531380	-104.159797
12,024.00	90.30	268.10	8,792.53	160.56	-3,079.17	557,087.69	594,729.20	32.531373	-104.160089
12,113.00	90.84	267.30	8,791.64	156.99	-3,168.09	557,084.12	594,640.29	32.531364	-104.160378
12,203.00	91.98	268.29	8,789.43	153.53	-3,257.99	557,080.66	594,550.39	32.531355	-104.160669
12,292.00	90.77	267.47	8,787.29	150.24	-3,346.91	557,077.37	594,461.49	32.531346	-104.160958
12,382.00	90.74	267.06	8,786.11	145.94	-3,436.79	557,073.07	594,371.61	32.531335	-104.161250
12,471.00	91.31	266.88	8,784.52	141.24	-3,525.66	557,068.37	594,282.76	32.531322	-104.161538
12,561.00	91.78	266.13	8,782.09	135.76	-3,615.46	557,062.89	594,192.96	32.531308	-104.161829
12,650.00	90.10	265.22	8,780.63	129.05	-3,704.19	557,056.18	594,104.24	32.531289	-104.162117
12,740.00	90.00	264.98	8,780.55	121.36	-3,793.86	557,048.49	594,014.58	32.531269	-104.162408
12,829.00	90.24	264.59	8,780.37	113.27	-3,882.49	557,040.40	593,925.95	32.531247	-104.162696
12,919.00	90.97	264.67	8,779.41	104.85	-3,972.09	557,031.98	593,836.36	32.531224	-104.162987
13,009.00	90.97	265.21	8,777.89	96.91	-4,061.72	557,024.04	593,746.73	32.531203	-104.163277
13,098.00	89.06	266.45	8,777.87	90.44	-4,150.48	557,017.57	593,657.98	32.531185	-104.163565
13,188.00	88.59	268.10	8,779.71	86.16	-4,240.36	557,013.30	593,568.12	32.531174	-104.163857
13,277.00	89.09	269.42	8,781.52	84.23	-4,329.32	557,011.37	593,479.16	32.531169	-104.164146
13,367.00	89.39	269.45	8,782.71	83.35	-4,419.30	557,010.48	593,389.19	32.531167	-104.164438
13,456.00	89.93	269.35	8,783.24	82.42	-4,508.30	557,009.55	593,300.20	32.531165	-104.164726
13,546.00	91.65	269.16	8,782.00	81.25	-4,598.28	557,008.38	593,210.23	32.531162	-104.165018
13,635.00	93.13	269.13	8,778.29	79.92	-4,687.19	557,007.05	593,121.32	32.531159	-104.165307
13,725.00	93.73	268.25	8,772.90	77.86	-4,777.00	557,005.00	593,031.52	32.531154	-104.165598
13,814.00	91.28	268.23	8,769.01	75.13	-4,865.87	557,002.27	592,942.66	32.531146	-104.165887
13,904.00	91.78	267.77	8,766.61	71.99	-4,955.78	556,999.13	592,852.76	32.531138	-104.166178
13,993.00	92.39	267.25	8,763.37	68.13	-5,044.64	556,995.27	592,763.91	32.531128	-104.166467
14,083.00	93.46	267.40	8,758.78	63.94	-5,134.42	556,991.07	592,674.13	32.531117	-104.166758
14,172.00	92.09	266.63	8,754.47	59.31	-5,223.19	556,986.44	592,585.37	32.531104	-104.167046
14,262.00	90.77	266.97	8,752.22	54.28	-5,313.02	556,981.42	592,495.54	32.531091	-104.167337
14,351.00	91.18	266.49	8,750.71	49.21	-5,401.86	556,976.35	592,406.71	32.531077	-104.167626
14,441.00	91.78	266.30	8,748.38	43.55	-5,491.66	556,970.69	592,316.93	32.531062	-104.167917
14,531.00	90.97	267.13	8,746.22	38.40	-5,581.48	556,965.53	592,227.11	32.531048	-104.168209
14,620.00	91.55	268.52	8,744.27	35.02	-5,670.39	556,962.16	592,138.21	32.531040	-104.168497
14,710.00	92.08	268.09	8,741.42	32.36	-5,760.31	556,959.50	592,048.30	32.531033	-104.168789
14,799.00	90.91	268.27	8,739.09	29.53	-5,849.23	556,956.67	591,959.38	32.531025	-104.169077
14,889.00	91.58	271.27	8,737.14	29.17	-5,939.20	556,956.31	591,869.42	32.531025	-104.169369
14,979.00	91.98	273.14	8,734.34	32.63	-6,029.08	556,959.77	591,779.55	32.531035	-104.169661
15,068.00	91.55	273.96	8,731.60	38.14	-6,117.87	556,965.28	591,690.77	32.531050	-104.169949
15,158.00	92.59	273.99	8,728.35	44.37	-6,207.59	556,971.51	591,601.05	32.531068	-104.170240
15,247.00	92.42	274.20	8,724.46	50.72	-6,296.28	556,977.86	591,512.37	32.531085	-104.170528
15,337.00	91.18	275.32	8,721.63	58.19	-6,385.92	556,985.33	591,422.74	32.531106	-104.170818
15,426.00	91.18	275.02	8,719.80	66.21	-6,474.54	556,993.34	591,334.13	32.531129	-104.171106
15,515.00	92.18	274.89	8,717.19	73.89	-6,563.17	557,001.03	591,245.51	32.531150	-104.171393
15,605.00	91.01	275.37	8,714.69	81.94	-6,652.77	557,009.07	591,155.91	32.531173	-104.171684
15,695.00	90.94	275.93	8,713.16	90.79	-6,742.32	557,017.93	591,066.37	32.531197	-104.171975
15,784.00	91.78	275.89	8,711.04	99.96	-6,830.82	557,027.09	590,977.88	32.531223	-104.172262
15,874.00	91.24	274.84	8,708.67	108.37	-6,920.40	557,035.50	590,888.31	32.531246	-104.172552
15,963.00	89.80	274.55	8,707.86	115.65	-7,009.09	557,042.78	590,799.62	32.531267	-104.172840
16,053.00	89.83	274.97	8,708.15	123.12	-7,098.78	557,050.25	590,709.94	32.531288	-104.173131



Scientific Drilling
Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,143.00	90.64	274.54	8,707.78	130.58	-7,188.47	557,057.71	590,620.26	32.531309	-104.173422
16,232.00	90.60	274.93	8,706.82	137.93	-7,277.16	557,065.06	590,531.58	32.531329	-104.173710
16,322.00	91.48	275.35	8,705.19	145.99	-7,366.78	557,073.12	590,441.96	32.531352	-104.174000
16,412.00	89.66	274.38	8,704.29	153.62	-7,456.45	557,080.75	590,352.30	32.531373	-104.174291
16,434.08	89.63	274.44	8,704.43	155.32	-7,478.46	557,082.45	590,330.29	32.531378	-104.174363
CSL: Sec 34 into 33 - 16434.08 MD 8704.43 TVD									
16,501.00	89.53	274.64	8,704.92	160.62	-7,545.17	557,087.75	590,263.59	32.531393	-104.174579
16,591.00	88.69	274.80	8,706.32	168.02	-7,634.85	557,095.15	590,173.92	32.531413	-104.174870
16,680.00	88.96	275.09	8,708.14	175.69	-7,723.50	557,102.82	590,085.27	32.531435	-104.175158
16,770.00	89.70	274.88	8,709.20	183.51	-7,813.16	557,110.64	589,995.63	32.531457	-104.175448
16,860.00	90.61	274.52	8,708.95	190.89	-7,902.85	557,118.01	589,905.94	32.531477	-104.175739
16,949.00	91.82	274.13	8,707.07	197.60	-7,991.58	557,124.72	589,817.22	32.531496	-104.176027
17,039.00	91.01	274.58	8,704.84	204.43	-8,081.29	557,131.55	589,727.52	32.531515	-104.176318
17,128.00	88.72	273.48	8,705.05	210.68	-8,170.06	557,137.81	589,638.75	32.531533	-104.176606
17,218.00	88.35	274.46	8,707.35	216.91	-8,259.82	557,144.04	589,549.01	32.531550	-104.176897
17,308.00	88.59	276.01	8,709.76	225.12	-8,349.41	557,152.24	589,459.43	32.531573	-104.177188
17,398.00	89.19	275.47	8,711.50	234.12	-8,438.94	557,161.24	589,369.90	32.531598	-104.177479
17,487.00	90.74	275.78	8,711.56	242.84	-8,527.51	557,169.97	589,281.34	32.531623	-104.177766
17,577.00	91.41	274.28	8,709.87	250.73	-8,617.14	557,177.85	589,191.72	32.531645	-104.178057
17,666.00	91.65	273.25	8,707.49	256.58	-8,705.91	557,183.70	589,102.95	32.531661	-104.178345
17,756.00	90.20	272.36	8,706.04	260.98	-8,795.79	557,188.10	589,013.08	32.531674	-104.178636
17,845.00	89.87	271.77	8,705.98	264.19	-8,884.73	557,191.31	588,924.15	32.531683	-104.178925
17,935.00	90.87	271.37	8,705.40	266.65	-8,974.70	557,193.77	588,834.19	32.531690	-104.179217
18,024.00	91.71	271.60	8,703.40	268.96	-9,063.64	557,196.08	588,745.25	32.531697	-104.179505
18,114.00	90.30	270.42	8,701.82	270.54	-9,153.61	557,197.66	588,655.29	32.531701	-104.179797
18,203.00	90.87	270.17	8,700.91	271.00	-9,242.61	557,198.12	588,566.30	32.531703	-104.180086
18,293.00	91.98	269.77	8,698.67	270.96	-9,332.58	557,198.07	588,476.34	32.531703	-104.180378
18,383.00	90.57	270.43	8,696.67	271.11	-9,422.55	557,198.23	588,386.37	32.531704	-104.180670
18,472.00	90.10	270.61	8,696.15	271.92	-9,511.55	557,199.04	588,297.39	32.531706	-104.180958
18,562.00	90.84	270.37	8,695.41	272.69	-9,601.54	557,199.81	588,207.40	32.531709	-104.181250
18,652.00	92.05	270.43	8,693.14	273.32	-9,691.51	557,200.44	588,117.44	32.531711	-104.181542
18,741.00	91.07	269.84	8,690.72	273.53	-9,780.47	557,200.65	588,028.49	32.531712	-104.181831
18,830.00	91.85	269.89	8,688.45	273.32	-9,869.44	557,200.44	587,939.52	32.531712	-104.182120
18,920.00	92.96	269.66	8,684.68	272.96	-9,959.36	557,200.08	587,849.61	32.531711	-104.182411
18,977.95	93.78	269.55	8,681.27	272.57	-10,017.21	557,199.69	587,791.77	32.531710	-104.182599
LTP 2540 FEL Sec 33 - 18977.95 MD 8681.27 TVD									
18,991.00	93.97	269.53	8,680.38	272.46	-10,030.23	557,199.58	587,778.75	32.531710	-104.182641
19,058.00	93.97	269.53	8,675.75	271.92	-10,097.06	557,199.03	587,711.92	32.531709	-104.182858
Actual BH: 2006 FNL 2489.8 FEL - 19058.00 MD 8675.75 TVD - Y-557199.03 X-587711.92 - 32.531709°N 104.182858°W									



Scientific Drilling
Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well Burton Flat Deep Unit 333H
Project:	Eddy County, NM (NAD83 NME)	TVD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Site:	Burton Flat Deep Unit	MD Reference:	HP 265 3210.8 GL 25 KB @ 3236.80usft
Well:	Burton Flat Deep Unit 333H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	Actual Wellbore	Database:	Midland

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,324.72	8,300.21	313.21	365.00	FTP 2548 FWL Sec 35
8,324.72	8,300.21	313.21	365.00	8324.72 MD 8300.21 TVD
11,126.86	8,810.16	170.93	-2,182.35	CSL: Sec 35 into 34
11,126.86	8,810.16	170.93	-2,182.35	11126.86 MD 8810.16 TVD
16,434.08	8,704.43	155.32	-7,478.46	CSL: Sec 34 into 33
16,434.08	8,704.43	155.32	-7,478.46	16434.08 MD 8704.43 TVD
18,977.95	8,681.27	272.57	-10,017.21	LTP 2540 FEL Sec 33
18,977.95	8,681.27	272.57	-10,017.21	18977.95 MD 8681.27 TVD
19,058.00	8,675.75	271.92	-10,097.06	Actual BH: 2006 FNL 2489.8 FEL
19,058.00	8,675.75	271.92	-10,097.06	19058.00 MD 8675.75 TVD
19,058.00	8,675.75	271.92	-10,097.06	Y-557199.03 X-587711.92
19,058.00	8,675.75	271.92	-10,097.06	32.531709°N 104.182858°W

Checked By: _____ Approved By: _____ Date: _____

Submit a 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

Form C-103
Revised July 18, 2013

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

WELL API NO.	
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	
8. Well Number	
9. OGRID Number	
10. Pool name or Wildcat	
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 3. Address of Operator 4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____ 11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

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.

Spud Date:

Rig Release Date:

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

SIGNATURE Arianna Evans TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 April 3, 2017					
1. WELL API NO.											
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					
						6. Well Number:					
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____											
8. Name of Operator						9. OGRID					
10. Address of Operator						11. Pool name or Wildcat					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:											
BH:											
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released			16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)			
18. Total Measured Depth of Well		19. Plug Back Measured Depth			20. Was Directional Survey Made?			21. Type Electric and Other Logs Run			
22. Producing Interval(s), of this completion - Top, Bottom, Name											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
24. LINER RECORD										25. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET		
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED				
28. PRODUCTION											
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>)					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)					
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)							30. Test Witnessed By				
31. List Attachments											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:				
34. If an on-site burial was used at the well, report the exact location of the on-site burial:											
Latitude _____ Longitude _____ NAD83											
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 <i>Arianna Evans</i>		Printed Name		Title		Date					
E-mail Address											

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.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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

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

From	To	Thickness In Feet	Lithology

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

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

ACKNOWLEDGMENTS

Action 288733

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 288733
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
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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 288733

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 288733
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days of BLM approval.	7/9/2024