

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 1/4/21
⁴ API Number 30-015-46966	⁵ Pool Name LIVINGSTON RIDGE; BONE SPRING	⁶ Pool Code 39350
⁷ Property Code 323063	⁸ Property Name ALEUTIAN 10-3 FED COM	⁹ Well Number 213H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	10	23S	31E		640	South	1867	East	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	3	23S	31E		100	North	2347	East	EDDY
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/4/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

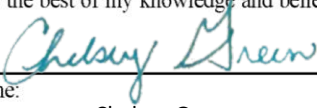
III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 6/2/20	²² Ready Date 1/4/21	²³ TD 20108	²⁴ PBSD 20090	²⁵ Perforations 10360 - 20081	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	738	590		
12.25	10.75	4311	770		
9.875	8.625	11719	935		
7.875	5.5	20093	1625		

V. Well Test Data

³¹ Date New Oil 1/26/20	³² Gas Delivery Date 1/26/20	³³ Test Date 1/26/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure 414 psi
³⁷ Choke Size	³⁸ Oil 1431 bbl	³⁹ Water 2801 bbl	⁴⁰ Gas 2032 mcf		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Chelsey Green			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Specialist			Title: LM II		
E-mail Address: chelsey.green@dvn.com			Approval Date: 4/21/2021		
Date: 2/19/2021			File BLM 3160-4 and BLM 3160-5 within 10 days to NMOCD after BLM approval.		
Phone: 405-228-8595					

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46966	² Pool Code 39350	³ Pool Name LIVINGSTON RIDGE ; BONE SPRING
⁴ Property Code 323063	⁵ Property Name ALEUTIAN 10-3 FED COM	⁶ Well Number 213H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3409.3

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
O	10	23 S	31 E		640	SOUTH	1867	EAST	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
2	3	23 S	31 E		100	NORTH	2347	EAST	EDDY

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

NW CORNER SEC. 3 LAT. = 32.3407440°N LONG. = 103.7742605°W NMSP EAST (FT) N = 488145.31 E = 714000.60 W/4 CORNER SEC. 3 LAT. = 32.3335111°N LONG. = 103.7742496°W NMSP EAST (FT) N = 485514.03 E = 714017.69 NW CORNER SEC. 10 LAT. = 32.3262527°N LONG. = 103.7742368°W NMSP EAST (FT) N = 482873.50 E = 714035.43 W/4 CORNER SEC. 10 LAT. = 32.3189960°N LONG. = 103.7742333°W NMSP EAST (FT) N = 480233.55 E = 714050.30 SW CORNER SEC. 10 LAT. = 32.3117375°N LONG. = 103.7742310°W NMSP EAST (FT) N = 477592.96 E = 714064.76 NE CORNER SEC. 3 LAT. = 32.3407356°N LONG. = 103.7571603°W NMSP EAST (FT) N = 488170.26 E = 719281.88 E/4 CORNER SEC. 3 LAT. = 32.3335234°N LONG. = 103.7571441°W NMSP EAST (FT) N = 485546.51 E = 719301.00 NE CORNER SEC. 10 LAT. = 32.3262643°N LONG. = 103.7571278°W NMSP EAST (FT) N = 482905.72 E = 719320.25 E/4 CORNER SEC. 10 LAT. = 32.3190067°N LONG. = 103.7571257°W NMSP EAST (FT) N = 480265.44 E = 719335.09 SE CORNER SEC. 10 LAT. = 32.3117463°N LONG. = 103.7571237°W NMSP EAST (FT) N = 477624.13 E = 719349.92 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARINGS AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD83. AS-DRILLED LAST TAKE POINT 127' FSL, 2345' FEL LAT. = 32.3403916°N LONG. = 103.7647512°W NMSP EAST (FT) N = 488032.56 E = 716938.15 AS-DRILLED BOTTOM OF HOLE LAT. = 32.3404656°N LONG. = 103.7647569°W NMSP EAST (FT) N = 488059.47 E = 716936.26 AS-DRILLED FIRST TAKE POINT 711' FSL, 2313' FEL LAT. = 32.3136976°N LONG. = 103.7646104°W NMSP EAST (FT) N = 478321.65 E = 717033.19 AS-DRILLED KOP 339' FSL, 2332' FEL LAT. = 32.3126738°N LONG. = 103.7646716°W NMSP EAST (FT) N = 477949.13 E = 717016.25 S/4 CORNER SEC. 10 LAT. = 32.3117422°N LONG. = 103.7656802°W NMSP EAST (FT) N = 477608.56 E = 716706.45 ALEUTIAN 10-3 FED COM 213H ELEV. = 3409.3' LAT. = 32.3135023°N (NAD83) LONG. = 103.7631661°W NMSP EAST (FT) N = 478252.99 E = 717479.77	
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. <i>Chelsey Green</i> 02/17/2021 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. FEBRUARY 2, 2021 Date of Survey <i>Edmon F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: EDMON F. JARAMILLO, PLS 12797 SURVEY NO. 7337B	

Intent ☐ As Drilled ☒

API # 30-015-46966		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: ALEUTIAN 10-3 FED COM	Well Number 213H

Kick Off Point (KOP)

UL O	Section 10	Township 23S	Range 31E	Lot	Feet 339	From N/S SOUTH	Feet 2332	From E/W EAST	County EDDY
Latitude 32.3126738					Longitude 103.7646716				NAD 83

First Take Point (FTP)

UL O	Section 10	Township 23S	Range 31E	Lot	Feet 711	From N/S SOUTH	Feet 2313	From E/W EAST	County EDDY
Latitude 32.3136976					Longitude 103.7646104				NAD 83

Last Take Point (LTP)

UL	Section 3	Township 23S	Range 31E	Lot 2	Feet 127	From N/S NORTH	Feet 2345	From E/W EAST	County EDDY
Latitude 32.3403916					Longitude 103.7647512				NAD 83

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

☐ YES

Is this well an infill well?

☐ NO

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 **6/1/2020 to 7/8/2020** did conduct or supervise the taking of MWD surveys from a depth of **178 feet to a depth of 20,108 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 **Aleutian 10-3 Fed Com 213H** with the **API # 30-015-46966** in the Bone Spring field 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'. The signature is written in black ink and is positioned above a horizontal line.

Seth Crawley
Senior Well Planner



Devon Energy Production Company, L.P.

Eddy Co, New Mexico (NAD-83)

Sec 10-T23S-R31E(Aleutian)

Aleutian 10-3-Fed Com 213H

ST01

Design: ST01

Standard Survey Report

07 October, 2020





Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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 10-T23S-R31E(Aleutian)		
Site Position:		Northing:	488,145.31 usft
From:	Map	Easting:	714,000.60 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 20' 26.678 N
		Longitude:	103° 46' 27.338 W

Well	Aleutian 10-3-Fed Com 213H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.5 usft	Wellhead Elevation:	usft
Grid Convergence:	0.30 °	Latitude:	32° 18' 48.608 N
		Longitude:	103° 45' 47.398 W
		Ground Level:	3,409.3 usft

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/25/2020	6.73	60.08	47,668.98776696

Design	ST01				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	9,393.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	0.00	

Survey Program	Date	10/7/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
178.0	9,393.0	Survey #1 (Pilot Hole)	MWD	MWD - Skyline	
9,475.0	20,108.0	Survey #1 (ST01)	MWD	MWD - Skyline	

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	
178.0	0.44	45.81	178.0	0.5	0.5	0.5	0.25	0.25	0.00	
272.0	0.53	60.84	272.0	0.9	1.1	0.9	0.16	0.10	15.99	
367.0	0.62	58.47	367.0	1.4	2.0	1.4	0.10	0.09	-2.49	
462.0	0.62	39.22	462.0	2.1	2.7	2.1	0.22	0.00	-20.26	
557.0	0.66	37.11	557.0	2.9	3.4	2.9	0.05	0.04	-2.22	
651.0	0.62	39.05	651.0	3.8	4.0	3.8	0.05	-0.04	2.06	
684.0	0.62	43.09	684.0	4.0	4.3	4.0	0.13	0.00	12.24	
810.0	0.31	338.73	810.0	4.8	4.6	4.8	0.44	-0.25	-51.08	



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)	
905.0	0.26	18.37	905.0	5.3	4.6	5.3	0.21	-0.05	41.73	
1,000.0	0.13	19.69	1,000.0	5.6	4.7	5.6	0.14	-0.14	1.39	
1,094.0	0.13	358.16	1,094.0	5.8	4.7	5.8	0.05	0.00	-22.90	
1,189.0	0.22	347.70	1,189.0	6.1	4.7	6.1	0.10	0.09	-11.01	
1,284.0	0.18	12.92	1,284.0	6.4	4.7	6.4	0.10	-0.04	26.55	
1,379.0	0.22	336.19	1,379.0	6.7	4.6	6.7	0.14	0.04	-38.66	
1,474.0	0.26	326.43	1,474.0	7.1	4.4	7.1	0.06	0.04	-10.27	
1,570.0	0.40	343.04	1,570.0	7.6	4.2	7.6	0.18	0.15	17.30	
1,665.0	0.35	323.00	1,665.0	8.1	3.9	8.1	0.15	-0.05	-21.09	
1,760.0	0.48	312.46	1,760.0	8.6	3.5	8.6	0.16	0.14	-11.09	
1,855.0	0.48	297.95	1,855.0	9.1	2.8	9.1	0.13	0.00	-15.27	
1,951.0	0.44	251.81	1,951.0	9.1	2.1	9.1	0.38	-0.04	-48.06	
2,046.0	2.07	215.07	2,045.9	7.6	0.8	7.6	1.83	1.72	-38.67	
2,142.0	3.74	212.96	2,141.8	3.6	-1.9	3.6	1.74	1.74	-2.20	
2,237.0	5.01	217.27	2,236.5	-2.3	-6.1	-2.3	1.38	1.34	4.54	
2,332.0	5.93	221.58	2,331.1	-9.3	-11.9	-9.3	1.06	0.97	4.54	
2,428.0	6.46	224.56	2,426.5	-16.9	-19.0	-16.9	0.65	0.55	3.10	
2,523.0	6.59	221.58	2,520.9	-24.7	-26.3	-24.7	0.38	0.14	-3.14	
2,619.0	7.25	218.76	2,616.2	-33.6	-33.8	-33.6	0.77	0.69	-2.94	
2,715.0	7.82	219.64	2,711.4	-43.3	-41.7	-43.3	0.61	0.59	0.92	
2,810.0	7.38	218.76	2,805.5	-53.1	-49.7	-53.1	0.48	-0.46	-0.93	
2,905.0	6.99	217.97	2,899.8	-62.4	-57.1	-62.4	0.42	-0.41	-0.83	
3,001.0	5.93	218.24	2,995.2	-70.9	-63.7	-70.9	1.10	-1.10	0.28	
3,096.0	5.89	219.38	3,089.7	-78.5	-69.9	-78.5	0.13	-0.04	1.20	
3,192.0	6.99	219.12	3,185.1	-86.8	-76.7	-86.8	1.15	1.15	-0.27	
3,287.0	8.04	219.82	3,279.3	-96.4	-84.6	-96.4	1.11	1.11	0.74	
3,382.0	7.78	221.66	3,373.4	-106.3	-93.1	-106.3	0.38	-0.27	1.94	
3,477.0	6.42	224.83	3,467.6	-114.9	-101.1	-114.9	1.49	-1.43	3.34	
3,573.0	6.37	219.29	3,563.0	-122.8	-108.3	-122.8	0.64	-0.05	-5.77	
3,669.0	7.16	212.17	3,658.4	-132.0	-114.8	-132.0	1.20	0.82	-7.42	
3,764.0	6.81	207.43	3,752.7	-142.0	-120.6	-142.0	0.71	-0.37	-4.99	
3,859.0	6.64	204.26	3,847.0	-152.0	-125.4	-152.0	0.43	-0.18	-3.34	
3,955.0	7.38	202.59	3,942.3	-162.8	-130.1	-162.8	0.80	0.77	-1.74	
4,050.0	7.60	202.42	4,036.5	-174.2	-134.8	-174.2	0.23	0.23	-0.18	
4,146.0	7.38	205.40	4,131.7	-185.7	-139.9	-185.7	0.46	-0.23	3.10	
4,241.0	6.29	213.84	4,226.0	-195.5	-145.4	-195.5	1.56	-1.15	8.88	
4,263.0	6.15	217.53	4,247.9	-197.4	-146.8	-197.4	1.93	-0.64	16.77	
4,430.0	5.58	221.75	4,414.0	-210.6	-157.6	-210.6	0.43	-0.34	2.53	
4,525.0	5.89	227.99	4,508.5	-217.3	-164.3	-217.3	0.73	0.33	6.57	
4,621.0	7.34	225.27	4,603.9	-224.9	-172.4	-224.9	1.54	1.51	-2.83	
4,716.0	8.09	222.37	4,698.0	-234.1	-181.2	-234.1	0.89	0.79	-3.05	
4,811.0	8.13	221.22	4,792.1	-244.1	-190.1	-244.1	0.18	0.04	-1.21	
4,907.0	8.09	220.17	4,887.1	-254.4	-198.9	-254.4	0.16	-0.04	-1.09	



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
5,002.0	8.00	218.76	4,981.2	-264.7	-207.4	-264.7	0.23	-0.09	-1.48
5,098.0	8.04	223.77	5,076.2	-274.7	-216.2	-274.7	0.73	0.04	5.22
5,193.0	8.18	226.06	5,170.3	-284.2	-225.7	-284.2	0.37	0.15	2.41
5,289.0	8.04	225.97	5,265.3	-293.6	-235.4	-293.6	0.15	-0.15	-0.09
5,384.0	8.00	224.83	5,359.4	-302.9	-244.9	-302.9	0.17	-0.04	-1.20
5,479.0	7.91	224.56	5,453.5	-312.3	-254.1	-312.3	0.10	-0.09	-0.28
5,575.0	7.74	220.70	5,548.6	-321.9	-263.0	-321.9	0.58	-0.18	-4.02
5,670.0	7.16	218.50	5,642.8	-331.3	-270.8	-331.3	0.68	-0.61	-2.32
5,765.0	6.73	223.69	5,737.1	-340.0	-278.3	-340.0	0.80	-0.45	5.46
5,860.0	6.59	225.79	5,831.4	-347.8	-286.1	-347.8	0.30	-0.15	2.21
5,956.0	6.42	226.67	5,926.8	-355.4	-293.9	-355.4	0.21	-0.18	0.92
6,051.0	6.11	226.23	6,021.2	-362.5	-301.5	-362.5	0.33	-0.33	-0.46
6,147.0	5.98	226.59	6,116.7	-369.5	-308.8	-369.5	0.14	-0.14	0.38
6,242.0	5.93	226.76	6,211.2	-376.2	-316.0	-376.2	0.06	-0.05	0.18
6,338.0	5.85	225.71	6,306.7	-383.0	-323.1	-383.0	0.14	-0.08	-1.09
6,433.0	5.80	224.13	6,401.2	-389.9	-329.9	-389.9	0.18	-0.05	-1.66
6,529.0	5.67	224.21	6,496.7	-396.7	-336.6	-396.7	0.14	-0.14	0.08
6,624.0	6.02	226.59	6,591.2	-403.5	-343.5	-403.5	0.45	0.37	2.51
6,719.0	5.85	227.38	6,685.7	-410.2	-350.6	-410.2	0.20	-0.18	0.83
6,815.0	6.68	225.62	6,781.1	-417.5	-358.2	-417.5	0.89	0.86	-1.83
6,910.0	7.03	223.95	6,875.5	-425.5	-366.2	-425.5	0.42	0.37	-1.76
7,005.0	6.55	221.84	6,969.8	-433.7	-373.9	-433.7	0.57	-0.51	-2.22
7,101.0	6.15	220.26	7,065.2	-441.7	-380.8	-441.7	0.45	-0.42	-1.65
7,197.0	5.98	219.12	7,160.7	-449.5	-387.3	-449.5	0.22	-0.18	-1.19
7,292.0	5.76	218.76	7,255.2	-457.1	-393.4	-457.1	0.23	-0.23	-0.38
7,388.0	5.63	218.24	7,350.7	-464.5	-399.3	-464.5	0.15	-0.14	-0.54
7,484.0	5.49	219.38	7,446.3	-471.8	-405.2	-471.8	0.19	-0.15	1.19
7,579.0	5.32	219.64	7,540.8	-478.7	-410.9	-478.7	0.18	-0.18	0.27
7,675.0	5.36	220.79	7,636.4	-485.5	-416.6	-485.5	0.12	0.04	1.20
7,771.0	4.70	218.68	7,732.0	-492.0	-422.0	-492.0	0.71	-0.69	-2.20
7,866.0	3.60	225.27	7,826.8	-497.1	-426.6	-497.1	1.26	-1.16	6.94
7,962.0	2.46	240.65	7,922.7	-500.3	-430.5	-500.3	1.45	-1.19	16.02
8,057.0	2.07	244.87	8,017.6	-502.0	-433.8	-502.0	0.45	-0.41	4.44
8,153.0	2.11	244.52	8,113.5	-503.5	-437.0	-503.5	0.04	0.04	-0.36
8,248.0	2.11	243.29	8,208.5	-505.0	-440.1	-505.0	0.05	0.00	-1.29
8,344.0	2.11	237.83	8,304.4	-506.8	-443.2	-506.8	0.21	0.00	-5.69
8,439.0	2.02	233.35	8,399.3	-508.7	-446.0	-508.7	0.19	-0.09	-4.72
8,534.0	2.15	235.46	8,494.3	-510.7	-448.9	-510.7	0.16	0.14	2.22
8,630.0	2.11	230.28	8,590.2	-512.8	-451.7	-512.8	0.20	-0.04	-5.40
8,725.0	2.11	224.30	8,685.1	-515.2	-454.3	-515.2	0.23	0.00	-6.29
8,821.0	2.02	220.70	8,781.1	-517.8	-456.6	-517.8	0.16	-0.09	-3.75
8,916.0	1.80	214.46	8,876.0	-520.3	-458.5	-520.3	0.32	-0.23	-6.57
9,011.0	1.76	204.88	8,971.0	-522.8	-460.0	-522.8	0.32	-0.04	-10.08



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
9,107.0	1.80	198.02	9,066.9	-525.6	-461.1	-525.6	0.23	0.04	-7.15
9,202.0	1.89	190.38	9,161.9	-528.5	-461.8	-528.5	0.28	0.09	-8.04
9,298.0	2.20	185.54	9,257.8	-531.9	-462.3	-531.9	0.37	0.32	-5.04
9,393.0	1.01	207.51	9,352.8	-534.5	-462.9	-534.5	1.39	-1.25	23.13
9,475.0	2.17	342.59	9,434.8	-533.7	-463.7	-533.7	3.62	1.41	164.73
KOP: 9475' MD; 2333' FEL/109' FSL									
9,595.0	19.96	355.43	9,552.1	-510.9	-466.0	-510.9	14.88	14.83	10.70
9,643.0	26.64	354.82	9,596.1	-492.0	-467.6	-492.0	13.93	13.92	-1.27
9,691.0	31.34	356.31	9,638.1	-468.8	-469.4	-468.8	9.91	9.79	3.10
9,739.0	34.77	358.16	9,678.3	-442.6	-470.6	-442.6	7.45	7.15	3.85
9,787.0	36.04	0.80	9,717.5	-414.8	-470.9	-414.8	4.14	2.65	5.50
9,835.0	39.30	3.52	9,755.4	-385.5	-469.7	-385.5	7.62	6.79	5.67
9,882.0	44.04	5.54	9,790.5	-354.4	-467.2	-354.4	10.48	10.09	4.30
9,930.0	49.41	3.34	9,823.4	-319.6	-464.6	-319.6	11.67	11.19	-4.58
9,978.0	53.93	3.61	9,853.2	-282.0	-462.3	-282.0	9.43	9.42	0.56
10,026.0	56.57	4.40	9,880.6	-242.7	-459.5	-242.7	5.66	5.50	1.65
10,073.0	60.44	4.40	9,905.1	-202.7	-456.5	-202.7	8.23	8.23	0.00
10,121.0	65.58	3.17	9,926.9	-160.1	-453.6	-160.1	10.95	10.71	-2.56
10,168.0	69.27	2.29	9,944.9	-116.7	-451.6	-116.7	8.04	7.85	-1.87
10,216.0	72.35	1.59	9,960.7	-71.4	-450.1	-71.4	6.56	6.42	-1.46
10,264.0	75.60	0.88	9,973.9	-25.3	-449.1	-25.3	6.92	6.77	-1.48
10,312.0	78.86	1.50	9,984.6	21.5	-448.1	21.5	6.91	6.79	1.29
10,360.0	80.04	1.94	9,993.3	68.7	-446.7	68.7	2.62	2.46	0.92
10,408.0	81.54	1.94	10,001.0	116.0	-445.1	116.0	3.13	3.13	0.00
10,455.0	83.52	2.11	10,007.1	162.6	-443.4	162.6	4.23	4.21	0.36
10,503.0	85.93	2.29	10,011.6	210.4	-441.6	210.4	5.03	5.02	0.38
10,551.0	87.74	2.82	10,014.2	258.2	-439.4	258.2	3.93	3.77	1.10
LP: 10551' MD; 2300' FSL									
10,646.0	88.00	2.73	10,017.7	353.1	-434.9	353.1	0.29	0.27	-0.09
10,742.0	88.84	0.62	10,020.4	449.0	-432.0	449.0	2.36	0.88	-2.20
10,838.0	89.63	359.04	10,021.7	545.0	-432.3	545.0	1.84	0.82	-1.65
10,933.0	89.98	359.21	10,022.0	639.9	-433.8	639.9	0.41	0.37	0.18
11,029.0	90.11	359.21	10,021.9	735.9	-435.1	735.9	0.14	0.14	0.00
11,125.0	90.29	359.13	10,021.6	831.9	-436.5	831.9	0.21	0.19	-0.08
11,220.0	90.46	359.13	10,021.0	926.9	-437.9	926.9	0.18	0.18	0.00
11,316.0	91.12	359.21	10,019.6	1,022.9	-439.3	1,022.9	0.69	0.69	0.08
11,411.0	88.44	358.25	10,020.0	1,117.9	-441.4	1,117.9	3.00	-2.82	-1.01
11,507.0	87.87	358.16	10,023.1	1,213.8	-444.4	1,213.8	0.60	-0.59	-0.09
11,603.0	88.92	358.95	10,025.8	1,309.7	-446.9	1,309.7	1.37	1.09	0.82
11,698.0	88.75	358.60	10,027.7	1,404.6	-448.9	1,404.6	0.41	-0.18	-0.37
11,794.0	89.23	358.42	10,029.4	1,500.6	-451.4	1,500.6	0.53	0.50	-0.19
11,889.0	89.05	357.89	10,030.8	1,595.5	-454.4	1,595.5	0.59	-0.19	-0.56
11,984.0	88.26	356.93	10,033.1	1,690.4	-458.7	1,690.4	1.31	-0.83	-1.01
12,080.0	89.19	358.42	10,035.2	1,786.3	-462.6	1,786.3	1.83	0.97	1.55



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
12,176.0	89.89	359.48	10,036.0	1,882.3	-464.4	1,882.3	1.32	0.73	1.10
12,272.0	89.54	359.04	10,036.4	1,978.3	-465.6	1,978.3	0.59	-0.36	-0.46
12,368.0	89.67	358.25	10,037.1	2,074.2	-467.9	2,074.2	0.83	0.14	-0.82
12,463.0	90.64	359.48	10,036.8	2,169.2	-469.8	2,169.2	1.65	1.02	1.29
12,559.0	91.03	357.98	10,035.4	2,265.2	-471.9	2,265.2	1.61	0.41	-1.56
12,655.0	89.89	359.83	10,034.7	2,361.2	-473.7	2,361.2	2.26	-1.19	1.93
12,750.0	88.48	359.56	10,036.0	2,456.1	-474.2	2,456.1	1.51	-1.48	-0.28
12,846.0	89.41	359.13	10,037.8	2,552.1	-475.3	2,552.1	1.07	0.97	-0.45
12,941.0	90.02	358.51	10,038.3	2,647.1	-477.3	2,647.1	0.92	0.64	-0.65
13,037.0	90.81	358.42	10,037.6	2,743.1	-479.9	2,743.1	0.83	0.82	-0.09
13,133.0	90.77	0.09	10,036.2	2,839.0	-481.1	2,839.0	1.74	-0.04	1.74
13,228.0	89.54	1.23	10,036.0	2,934.0	-480.0	2,934.0	1.77	-1.29	1.20
13,324.0	90.20	0.18	10,036.2	3,030.0	-478.8	3,030.0	1.29	0.69	-1.09
13,419.0	91.16	359.56	10,035.1	3,125.0	-479.1	3,125.0	1.20	1.01	-0.65
13,515.0	89.45	1.59	10,034.6	3,221.0	-478.1	3,221.0	2.76	-1.78	2.11
13,611.0	90.02	1.59	10,035.0	3,317.0	-475.4	3,317.0	0.59	0.59	0.00
13,707.0	88.70	1.85	10,036.1	3,412.9	-472.6	3,412.9	1.40	-1.38	0.27
13,802.0	88.53	1.41	10,038.4	3,507.8	-469.9	3,507.8	0.50	-0.18	-0.46
13,897.0	88.48	0.97	10,040.9	3,602.8	-467.9	3,602.8	0.47	-0.05	-0.46
13,993.0	88.31	0.00	10,043.5	3,698.7	-467.1	3,698.7	1.03	-0.18	-1.01
14,088.0	88.79	359.21	10,046.0	3,793.7	-467.7	3,793.7	0.97	0.51	-0.83
14,184.0	88.92	358.60	10,047.9	3,889.7	-469.6	3,889.7	0.65	0.14	-0.64
14,279.0	88.84	358.33	10,049.7	3,984.6	-472.1	3,984.6	0.30	-0.08	-0.28
14,374.0	88.53	357.46	10,051.9	4,079.5	-475.6	4,079.5	0.97	-0.33	-0.92
14,470.0	87.96	359.74	10,054.8	4,175.5	-477.9	4,175.5	2.45	-0.59	2.38
14,566.0	87.82	359.74	10,058.4	4,271.4	-478.4	4,271.4	0.15	-0.15	0.00
14,660.0	89.45	1.94	10,060.6	4,365.3	-477.0	4,365.3	2.91	1.73	2.34
14,756.0	89.36	1.50	10,061.6	4,461.3	-474.1	4,461.3	0.47	-0.09	-0.46
14,851.0	89.27	1.32	10,062.8	4,556.3	-471.8	4,556.3	0.21	-0.09	-0.19
14,929.9	89.71	0.67	10,063.5	4,635.1	-470.4	4,635.1	0.99	0.55	-0.82
Cross Sec 10-3: 14929.9' MD, 2311' FEL									
14,947.0	89.80	0.53	10,063.5	4,652.2	-470.2	4,652.2	0.99	0.55	-0.82
15,042.0	89.80	359.65	10,063.9	4,747.2	-470.1	4,747.2	0.93	0.00	-0.93
15,138.0	90.29	358.86	10,063.8	4,843.2	-471.3	4,843.2	0.97	0.51	-0.82
15,233.0	88.53	359.74	10,064.8	4,938.2	-472.5	4,938.2	2.07	-1.85	0.93
15,328.0	89.01	359.04	10,066.8	5,033.2	-473.5	5,033.2	0.89	0.51	-0.74
15,424.0	89.27	358.51	10,068.2	5,129.2	-475.5	5,129.2	0.61	0.27	-0.55
15,519.0	89.49	357.98	10,069.3	5,224.1	-478.5	5,224.1	0.60	0.23	-0.56
15,615.0	88.35	359.56	10,071.1	5,320.1	-480.5	5,320.1	2.03	-1.19	1.65
15,710.0	88.66	359.30	10,073.6	5,415.0	-481.5	5,415.0	0.43	0.33	-0.27
15,805.0	87.60	359.04	10,076.7	5,510.0	-482.8	5,510.0	1.15	-1.12	-0.27
15,901.0	86.90	358.25	10,081.3	5,605.8	-485.1	5,605.8	1.10	-0.73	-0.82
15,996.0	87.52	358.07	10,085.9	5,700.7	-488.1	5,700.7	0.68	0.65	-0.19
16,091.0	87.52	358.07	10,090.0	5,795.5	-491.3	5,795.5	0.00	0.00	0.00



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
16,187.0	85.89	357.46	10,095.5	5,891.3	-495.1	5,891.3	1.81	-1.70	-0.64
16,281.0	87.60	358.95	10,100.9	5,985.1	-498.0	5,985.1	2.41	1.82	1.59
16,377.0	87.65	358.25	10,104.8	6,081.0	-500.4	6,081.0	0.73	0.05	-0.73
16,472.0	88.00	357.46	10,108.4	6,175.8	-503.9	6,175.8	0.91	0.37	-0.83
16,567.0	89.14	0.18	10,110.8	6,270.8	-505.9	6,270.8	3.10	1.20	2.86
16,663.0	89.80	359.83	10,111.7	6,366.8	-505.9	6,366.8	0.78	0.69	-0.36
16,759.0	88.35	0.44	10,113.3	6,462.7	-505.6	6,462.7	1.64	-1.51	0.64
16,854.0	87.87	359.74	10,116.4	6,557.7	-505.5	6,557.7	0.89	-0.51	-0.74
16,950.0	87.08	358.69	10,120.6	6,653.6	-506.8	6,653.6	1.37	-0.82	-1.09
17,045.0	87.08	358.16	10,125.5	6,748.4	-509.4	6,748.4	0.56	0.00	-0.56
17,141.0	85.45	357.37	10,131.7	6,844.2	-513.1	6,844.2	1.89	-1.70	-0.82
17,236.0	89.10	358.86	10,136.2	6,939.0	-516.3	6,939.0	4.15	3.84	1.57
17,332.0	91.96	359.83	10,135.3	7,035.0	-517.4	7,035.0	3.15	2.98	1.01
17,427.0	90.77	1.06	10,133.1	7,129.9	-516.6	7,129.9	1.80	-1.25	1.29
17,523.0	87.03	1.59	10,134.9	7,225.9	-514.4	7,225.9	3.93	-3.90	0.55
17,618.0	87.34	1.59	10,139.6	7,320.7	-511.8	7,320.7	0.33	0.33	0.00
17,714.0	86.95	1.32	10,144.4	7,416.6	-509.3	7,416.6	0.49	-0.41	-0.28
17,809.0	87.08	1.59	10,149.3	7,511.4	-506.9	7,511.4	0.32	0.14	0.28
17,904.0	86.51	0.53	10,154.6	7,606.2	-505.2	7,606.2	1.27	-0.60	-1.12
18,000.0	86.42	359.74	10,160.5	7,702.0	-504.9	7,702.0	0.83	-0.09	-0.82
18,095.0	88.22	0.36	10,165.0	7,796.9	-504.9	7,796.9	2.00	1.89	0.65
18,191.0	89.32	0.97	10,167.0	7,892.9	-503.7	7,892.9	1.31	1.15	0.64
18,286.0	89.32	0.62	10,168.2	7,987.9	-502.4	7,987.9	0.37	0.00	-0.37
18,382.0	89.85	359.83	10,168.9	8,083.9	-502.1	8,083.9	0.99	0.55	-0.82
18,477.0	90.20	359.21	10,168.8	8,178.9	-502.9	8,178.9	0.75	0.37	-0.65
18,572.0	90.73	358.33	10,168.1	8,273.9	-504.9	8,273.9	1.08	0.56	-0.93
18,668.0	90.51	358.16	10,167.0	8,369.8	-507.8	8,369.8	0.29	-0.23	-0.18
18,764.0	90.90	357.98	10,165.8	8,465.7	-511.1	8,465.7	0.45	0.41	-0.19
18,859.0	90.99	357.72	10,164.3	8,560.7	-514.6	8,560.7	0.29	0.09	-0.27
18,955.0	91.16	357.46	10,162.5	8,656.6	-518.7	8,656.6	0.32	0.18	-0.27
19,050.0	91.65	356.75	10,160.1	8,751.4	-523.5	8,751.4	0.91	0.52	-0.75
19,145.0	91.03	359.21	10,157.9	8,846.3	-526.8	8,846.3	2.67	-0.65	2.59
19,241.0	89.93	1.32	10,157.1	8,942.3	-526.4	8,942.3	2.48	-1.15	2.20
19,336.0	90.15	1.23	10,157.0	9,037.3	-524.2	9,037.3	0.25	0.23	-0.09
19,431.0	90.29	0.71	10,156.7	9,132.3	-522.6	9,132.3	0.57	0.15	-0.55
19,527.0	90.33	359.92	10,156.2	9,228.3	-522.1	9,228.3	0.82	0.04	-0.82
19,622.0	90.29	358.95	10,155.6	9,323.3	-523.0	9,323.3	1.02	-0.04	-1.02
19,718.0	90.90	358.77	10,154.6	9,419.2	-525.0	9,419.2	0.66	0.64	-0.19
19,813.0	91.16	357.98	10,152.9	9,514.2	-527.7	9,514.2	0.88	0.27	-0.83
19,909.0	91.52	357.37	10,150.7	9,610.1	-531.5	9,610.1	0.74	0.38	-0.64
20,004.0	92.22	356.49	10,147.6	9,704.9	-536.6	9,704.9	1.18	0.74	-0.93
20,054.0	92.18	356.05	10,145.7	9,754.7	-539.9	9,754.7	0.88	-0.08	-0.88
20,105.6	92.18	356.05	10,143.7	9,806.2	-543.4	9,806.2	0.00	0.00	0.00



Skyline Directional Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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)
Cross 100' FNL: 20105.6' MD, 2346' FEL									
20,108.0	92.18	356.05	10,143.6	9,808.6	-543.6	9,808.6	0.00	0.00	0.00
BHL: 20108' MD; 98' FNL, 2346' FEL									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
20,108.0	10,143.6	20" Casing	20	24	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
9,475.0	9,434.8	-533.7	-463.7	KOP: 9475' MD; 2333' FEL/109' FSL	
10,551.0	10,014.2	258.2	-439.4	LP: 10551' MD; 2300' FSL	
14,929.9	10,063.5	4,635.1	-470.4	Cross Sec 10-3: 14929.9' MD, 2311' FEL	
20,105.6	10,143.7	9,806.2	-543.4	Cross 100' FNL: 20105.6' MD, 2346' FEL	
20,108.0	10,143.6	9,808.6	-543.6	BHL: 20108' MD; 98' FNL, 2346' FEL	

Checked By: _____ Approved By: _____ Date: _____



Devon Energy Production Company, L.P.

Eddy Co, New Mexico (NAD-83)

Sec 10-T23S-R31E(Aleutian)

Aleutian 10-3-Fed Com 213H

ST01

Design: ST01

Survey Report - Geographic

07 October, 2020





Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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 10-T23S-R31E(Aleutian)		
Site Position:		Northing:	488,145.31 usft
From:	Map	Easting:	714,000.60 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 20' 26.678 N
		Longitude:	103° 46' 27.338 W
		Grid Convergence:	0.30 °

Well	Aleutian 10-3-Fed Com 213H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.5 usft	Wellhead Elevation:	usft
		Latitude:	32° 18' 48.608 N
		Longitude:	103° 45' 47.398 W
		Ground Level:	3,409.3 usft

Wellbore	ST01		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	5/25/2020	6.73
			Dip Angle (°)
			60.08
			Field Strength (nT)
			47,668.98776696

Design	ST01		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	9,393.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			0.00

Survey Program	Date	10/7/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
178.0	9,393.0	Survey #1 (Pilot Hole)	MWD	MWD - Skyline
9,475.0	20,108.0	Survey #1 (ST01)	MWD	MWD - Skyline

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	478,252.99	717,479.77	32° 18' 48.608 N	103° 45' 47.398 W
178.0	0.44	45.81	178.0	0.5	0.5	478,253.47	717,480.26	32° 18' 48.613 N	103° 45' 47.392 W
272.0	0.53	60.84	272.0	0.9	1.1	478,253.93	717,480.89	32° 18' 48.618 N	103° 45' 47.385 W
367.0	0.62	58.47	367.0	1.4	2.0	478,254.41	717,481.72	32° 18' 48.622 N	103° 45' 47.375 W
462.0	0.62	39.22	462.0	2.1	2.7	478,255.08	717,482.48	32° 18' 48.629 N	103° 45' 47.366 W
557.0	0.66	37.11	557.0	2.9	3.4	478,255.91	717,483.13	32° 18' 48.637 N	103° 45' 47.358 W
651.0	0.62	39.05	651.0	3.8	4.0	478,256.74	717,483.78	32° 18' 48.645 N	103° 45' 47.351 W
684.0	0.62	43.09	684.0	4.0	4.3	478,257.01	717,484.02	32° 18' 48.648 N	103° 45' 47.348 W
810.0	0.31	338.73	810.0	4.8	4.6	478,257.83	717,484.36	32° 18' 48.656 N	103° 45' 47.344 W
905.0	0.26	18.37	905.0	5.3	4.6	478,258.27	717,484.33	32° 18' 48.660 N	103° 45' 47.344 W
1,000.0	0.13	19.69	1,000.0	5.6	4.7	478,258.58	717,484.44	32° 18' 48.663 N	103° 45' 47.343 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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
1,094.0	0.13	358.16	1,094.0	5.8	4.7	478,258.78	717,484.47	32° 18' 48.665 N	103° 45' 47.343 W
1,189.0	0.22	347.70	1,189.0	6.1	4.7	478,259.07	717,484.43	32° 18' 48.668 N	103° 45' 47.343 W
1,284.0	0.18	12.92	1,284.0	6.4	4.7	478,259.39	717,484.42	32° 18' 48.671 N	103° 45' 47.343 W
1,379.0	0.22	336.19	1,379.0	6.7	4.6	478,259.71	717,484.38	32° 18' 48.675 N	103° 45' 47.344 W
1,474.0	0.26	326.43	1,474.0	7.1	4.4	478,260.05	717,484.19	32° 18' 48.678 N	103° 45' 47.346 W
1,570.0	0.40	343.04	1,570.0	7.6	4.2	478,260.55	717,483.97	32° 18' 48.683 N	103° 45' 47.348 W
1,665.0	0.35	323.00	1,665.0	8.1	3.9	478,261.10	717,483.70	32° 18' 48.688 N	103° 45' 47.352 W
1,760.0	0.48	312.46	1,760.0	8.6	3.5	478,261.60	717,483.23	32° 18' 48.693 N	103° 45' 47.357 W
1,855.0	0.48	297.95	1,855.0	9.1	2.8	478,262.06	717,482.59	32° 18' 48.698 N	103° 45' 47.364 W
1,951.0	0.44	251.81	1,951.0	9.1	2.1	478,262.13	717,481.88	32° 18' 48.699 N	103° 45' 47.373 W
2,046.0	2.07	215.07	2,045.9	7.6	0.8	478,260.61	717,480.55	32° 18' 48.684 N	103° 45' 47.388 W
2,142.0	3.74	212.96	2,141.8	3.6	-1.9	478,256.57	717,477.85	32° 18' 48.644 N	103° 45' 47.420 W
2,237.0	5.01	217.27	2,236.5	-2.3	-6.1	478,250.67	717,473.65	32° 18' 48.586 N	103° 45' 47.469 W
2,332.0	5.93	221.58	2,331.1	-9.3	-11.9	478,243.69	717,467.88	32° 18' 48.517 N	103° 45' 47.537 W
2,428.0	6.46	224.56	2,426.5	-16.9	-19.0	478,236.14	717,460.80	32° 18' 48.443 N	103° 45' 47.620 W
2,523.0	6.59	221.58	2,520.9	-24.7	-26.3	478,228.25	717,453.43	32° 18' 48.365 N	103° 45' 47.706 W
2,619.0	7.25	218.76	2,616.2	-33.6	-33.8	478,219.41	717,445.98	32° 18' 48.278 N	103° 45' 47.794 W
2,715.0	7.82	219.64	2,711.4	-43.3	-41.7	478,209.65	717,438.03	32° 18' 48.182 N	103° 45' 47.887 W
2,810.0	7.38	218.76	2,805.5	-53.1	-49.7	478,199.92	717,430.08	32° 18' 48.086 N	103° 45' 47.980 W
2,905.0	6.99	217.97	2,899.8	-62.4	-57.1	478,190.60	717,422.71	32° 18' 47.994 N	103° 45' 48.067 W
3,001.0	5.93	218.24	2,995.2	-70.9	-63.7	478,182.10	717,416.04	32° 18' 47.910 N	103° 45' 48.145 W
3,096.0	5.89	219.38	3,089.7	-78.5	-69.9	478,174.48	717,409.91	32° 18' 47.835 N	103° 45' 48.217 W
3,192.0	6.99	219.12	3,185.1	-86.8	-76.7	478,166.14	717,403.10	32° 18' 47.753 N	103° 45' 48.297 W
3,287.0	8.04	219.82	3,279.3	-96.4	-84.6	478,156.55	717,395.20	32° 18' 47.658 N	103° 45' 48.389 W
3,382.0	7.78	221.66	3,373.4	-106.3	-93.1	478,146.65	717,386.67	32° 18' 47.561 N	103° 45' 48.489 W
3,477.0	6.42	224.83	3,467.6	-114.9	-101.1	478,138.08	717,378.65	32° 18' 47.477 N	103° 45' 48.583 W
3,573.0	6.37	219.29	3,563.0	-122.8	-108.3	478,130.15	717,371.50	32° 18' 47.398 N	103° 45' 48.667 W
3,669.0	7.16	212.17	3,658.4	-132.0	-114.8	478,120.96	717,364.94	32° 18' 47.308 N	103° 45' 48.744 W
3,764.0	6.81	207.43	3,752.7	-142.0	-120.6	478,110.95	717,359.19	32° 18' 47.209 N	103° 45' 48.812 W
3,859.0	6.64	204.26	3,847.0	-152.0	-125.4	478,100.95	717,354.34	32° 18' 47.110 N	103° 45' 48.869 W
3,955.0	7.38	202.59	3,942.3	-162.8	-130.1	478,090.19	717,349.69	32° 18' 47.004 N	103° 45' 48.924 W
4,050.0	7.60	202.42	4,036.5	-174.2	-134.8	478,078.75	717,344.95	32° 18' 46.891 N	103° 45' 48.980 W
4,146.0	7.38	205.40	4,131.7	-185.7	-139.9	478,067.31	717,339.89	32° 18' 46.778 N	103° 45' 49.039 W
4,241.0	6.29	213.84	4,226.0	-195.5	-145.4	478,057.48	717,334.37	32° 18' 46.681 N	103° 45' 49.104 W
4,263.0	6.15	217.53	4,247.9	-197.4	-146.8	478,055.54	717,332.98	32° 18' 46.662 N	103° 45' 49.121 W
4,430.0	5.58	221.75	4,414.0	-210.6	-157.6	478,042.39	717,322.12	32° 18' 46.533 N	103° 45' 49.248 W
4,525.0	5.89	227.99	4,508.5	-217.3	-164.3	478,035.68	717,315.43	32° 18' 46.467 N	103° 45' 49.326 W
4,621.0	7.34	225.27	4,603.9	-224.9	-172.4	478,028.07	717,307.41	32° 18' 46.392 N	103° 45' 49.420 W
4,716.0	8.09	222.37	4,698.0	-234.1	-181.2	478,018.86	717,298.59	32° 18' 46.301 N	103° 45' 49.523 W
4,811.0	8.13	221.22	4,792.1	-244.1	-190.1	478,008.87	717,289.66	32° 18' 46.203 N	103° 45' 49.628 W
4,907.0	8.09	220.17	4,887.1	-254.4	-198.9	477,998.60	717,280.83	32° 18' 46.102 N	103° 45' 49.732 W
5,002.0	8.00	218.76	4,981.2	-264.7	-207.4	477,988.34	717,272.38	32° 18' 46.000 N	103° 45' 49.831 W
5,098.0	8.04	223.77	5,076.2	-274.7	-216.2	477,978.28	717,263.56	32° 18' 45.901 N	103° 45' 49.934 W
5,193.0	8.18	226.06	5,170.3	-284.2	-225.7	477,968.80	717,254.09	32° 18' 45.808 N	103° 45' 50.045 W
5,289.0	8.04	225.97	5,265.3	-293.6	-235.4	477,959.39	717,244.35	32° 18' 45.715 N	103° 45' 50.159 W
5,384.0	8.00	224.83	5,359.4	-302.9	-244.9	477,950.08	717,234.91	32° 18' 45.624 N	103° 45' 50.270 W
5,479.0	7.91	224.56	5,453.5	-312.3	-254.1	477,940.74	717,225.66	32° 18' 45.532 N	103° 45' 50.378 W
5,575.0	7.74	220.70	5,548.6	-321.9	-263.0	477,931.13	717,216.81	32° 18' 45.437 N	103° 45' 50.482 W
5,670.0	7.16	218.50	5,642.8	-331.3	-270.8	477,921.65	717,208.96	32° 18' 45.344 N	103° 45' 50.574 W
5,765.0	6.73	223.69	5,737.1	-340.0	-278.3	477,912.99	717,201.43	32° 18' 45.258 N	103° 45' 50.662 W
5,860.0	6.59	225.79	5,831.4	-347.8	-286.1	477,905.16	717,193.67	32° 18' 45.181 N	103° 45' 50.753 W
5,956.0	6.42	226.67	5,926.8	-355.4	-293.9	477,897.64	717,185.82	32° 18' 45.107 N	103° 45' 50.845 W
6,051.0	6.11	226.23	6,021.2	-362.5	-301.5	477,890.50	717,178.31	32° 18' 45.037 N	103° 45' 50.933 W
6,147.0	5.98	226.59	6,116.7	-369.5	-308.8	477,883.53	717,170.98	32° 18' 44.969 N	103° 45' 51.019 W
6,242.0	5.93	226.76	6,211.2	-376.2	-316.0	477,876.76	717,163.81	32° 18' 44.902 N	103° 45' 51.103 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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
6,338.0	5.85	225.71	6,306.7	-383.0	-323.1	477,869.95	717,156.70	32° 18' 44.835 N	103° 45' 51.186 W
6,433.0	5.80	224.13	6,401.2	-389.9	-329.9	477,863.12	717,149.89	32° 18' 44.768 N	103° 45' 51.266 W
6,529.0	5.67	224.21	6,496.7	-396.7	-336.6	477,856.24	717,143.21	32° 18' 44.700 N	103° 45' 51.344 W
6,624.0	6.02	226.59	6,591.2	-403.5	-343.5	477,849.45	717,136.32	32° 18' 44.633 N	103° 45' 51.425 W
6,719.0	5.85	227.38	6,685.7	-410.2	-350.6	477,842.75	717,129.13	32° 18' 44.567 N	103° 45' 51.509 W
6,815.0	6.68	225.62	6,781.1	-417.5	-358.2	477,835.53	717,121.54	32° 18' 44.496 N	103° 45' 51.598 W
6,910.0	7.03	223.95	6,875.5	-425.5	-366.2	477,827.48	717,113.56	32° 18' 44.417 N	103° 45' 51.691 W
7,005.0	6.55	221.84	6,969.8	-433.7	-373.9	477,819.26	717,105.91	32° 18' 44.336 N	103° 45' 51.781 W
7,101.0	6.15	220.26	7,065.2	-441.7	-380.8	477,811.26	717,098.93	32° 18' 44.257 N	103° 45' 51.863 W
7,197.0	5.98	219.12	7,160.7	-449.5	-387.3	477,803.46	717,092.46	32° 18' 44.180 N	103° 45' 51.939 W
7,292.0	5.76	218.76	7,255.2	-457.1	-393.4	477,795.90	717,086.35	32° 18' 44.106 N	103° 45' 52.010 W
7,388.0	5.63	218.24	7,350.7	-464.5	-399.3	477,788.44	717,080.42	32° 18' 44.032 N	103° 45' 52.080 W
7,484.0	5.49	219.38	7,446.3	-471.8	-405.2	477,781.20	717,074.59	32° 18' 43.961 N	103° 45' 52.148 W
7,579.0	5.32	219.64	7,540.8	-478.7	-410.9	477,774.29	717,068.90	32° 18' 43.893 N	103° 45' 52.215 W
7,675.0	5.36	220.79	7,636.4	-485.5	-416.6	477,767.47	717,063.13	32° 18' 43.826 N	103° 45' 52.283 W
7,771.0	4.70	218.68	7,732.0	-492.0	-422.0	477,761.00	717,057.74	32° 18' 43.762 N	103° 45' 52.346 W
7,866.0	3.60	225.27	7,826.8	-497.1	-426.6	477,755.87	717,053.19	32° 18' 43.711 N	103° 45' 52.399 W
7,962.0	2.46	240.65	7,922.7	-500.3	-430.5	477,752.74	717,049.25	32° 18' 43.681 N	103° 45' 52.445 W
8,057.0	2.07	244.87	8,017.6	-502.0	-433.8	477,751.01	717,045.92	32° 18' 43.664 N	103° 45' 52.484 W
8,153.0	2.11	244.52	8,113.5	-503.5	-437.0	477,749.51	717,042.76	32° 18' 43.649 N	103° 45' 52.521 W
8,248.0	2.11	243.29	8,208.5	-505.0	-440.1	477,747.97	717,039.62	32° 18' 43.634 N	103° 45' 52.558 W
8,344.0	2.11	237.83	8,304.4	-506.8	-443.2	477,746.24	717,036.54	32° 18' 43.617 N	103° 45' 52.594 W
8,439.0	2.02	233.35	8,399.3	-508.7	-446.0	477,744.31	717,033.72	32° 18' 43.598 N	103° 45' 52.627 W
8,534.0	2.15	235.46	8,494.3	-510.7	-448.9	477,742.30	717,030.91	32° 18' 43.578 N	103° 45' 52.660 W
8,630.0	2.11	230.28	8,590.2	-512.8	-451.7	477,740.15	717,028.06	32° 18' 43.557 N	103° 45' 52.693 W
8,725.0	2.11	224.30	8,685.1	-515.2	-454.3	477,737.78	717,025.50	32° 18' 43.534 N	103° 45' 52.723 W
8,821.0	2.02	220.70	8,781.1	-517.8	-456.6	477,735.23	717,023.16	32° 18' 43.509 N	103° 45' 52.751 W
8,916.0	1.80	214.46	8,876.0	-520.3	-458.5	477,732.73	717,021.22	32° 18' 43.484 N	103° 45' 52.773 W
9,011.0	1.76	204.88	8,971.0	-522.8	-460.0	477,730.18	717,019.77	32° 18' 43.459 N	103° 45' 52.790 W
9,107.0	1.80	198.02	9,066.9	-525.6	-461.1	477,727.41	717,018.68	32° 18' 43.432 N	103° 45' 52.803 W
9,202.0	1.89	190.38	9,161.9	-528.5	-461.8	477,724.45	717,017.94	32° 18' 43.402 N	103° 45' 52.812 W
9,298.0	2.20	185.54	9,257.8	-531.9	-462.3	477,721.05	717,017.47	32° 18' 43.369 N	103° 45' 52.818 W
9,393.0	1.01	207.51	9,352.8	-534.5	-462.9	477,718.50	717,016.91	32° 18' 43.344 N	103° 45' 52.824 W
9,475.0	2.17	342.59	9,434.8	-533.7	-463.7	477,719.34	717,016.11	32° 18' 43.352 N	103° 45' 52.834 W
KOP: 9475' MD; 2333' FEL/109' FSL									
9,595.0	19.96	355.43	9,552.1	-510.9	-466.0	477,742.11	717,013.78	32° 18' 43.577 N	103° 45' 52.859 W
9,643.0	26.64	354.82	9,596.1	-492.0	-467.6	477,761.01	717,012.15	32° 18' 43.765 N	103° 45' 52.877 W
9,691.0	31.34	356.31	9,638.1	-468.8	-469.4	477,784.20	717,010.38	32° 18' 43.994 N	103° 45' 52.896 W
9,739.0	34.77	358.16	9,678.3	-442.6	-470.6	477,810.34	717,009.14	32° 18' 44.253 N	103° 45' 52.909 W
9,787.0	36.04	0.80	9,717.5	-414.8	-470.9	477,838.15	717,008.89	32° 18' 44.528 N	103° 45' 52.910 W
9,835.0	39.30	3.52	9,755.4	-385.5	-469.7	477,867.45	717,010.02	32° 18' 44.818 N	103° 45' 52.895 W
9,882.0	44.04	5.54	9,790.5	-354.4	-467.2	477,898.58	717,012.52	32° 18' 45.126 N	103° 45' 52.864 W
9,930.0	49.41	3.34	9,823.4	-319.6	-464.6	477,933.41	717,015.19	32° 18' 45.470 N	103° 45' 52.831 W
9,978.0	53.93	3.61	9,853.2	-282.0	-462.3	477,970.99	717,017.48	32° 18' 45.842 N	103° 45' 52.802 W
10,026.0	56.57	4.40	9,880.6	-242.7	-459.5	478,010.32	717,020.23	32° 18' 46.231 N	103° 45' 52.768 W
10,073.0	60.44	4.40	9,905.1	-202.7	-456.5	478,050.27	717,023.31	32° 18' 46.626 N	103° 45' 52.729 W
10,121.0	65.58	3.17	9,926.9	-160.1	-453.6	478,092.94	717,026.12	32° 18' 47.048 N	103° 45' 52.694 W
10,168.0	69.27	2.29	9,944.9	-116.7	-451.6	478,136.28	717,028.18	32° 18' 47.477 N	103° 45' 52.667 W
10,216.0	72.35	1.59	9,960.7	-71.4	-450.1	478,181.58	717,029.71	32° 18' 47.925 N	103° 45' 52.647 W
10,264.0	75.60	0.88	9,973.9	-25.3	-449.1	478,227.70	717,030.71	32° 18' 48.382 N	103° 45' 52.632 W
10,312.0	78.86	1.50	9,984.6	21.5	-448.1	478,274.50	717,031.68	32° 18' 48.845 N	103° 45' 52.618 W
10,360.0	80.04	1.94	9,993.3	68.7	-446.7	478,321.66	717,033.10	32° 18' 49.311 N	103° 45' 52.598 W
10,408.0	81.54	1.94	10,001.0	116.0	-445.1	478,369.01	717,034.70	32° 18' 49.780 N	103° 45' 52.577 W
10,455.0	83.52	2.11	10,007.1	162.6	-443.4	478,415.58	717,036.35	32° 18' 50.241 N	103° 45' 52.555 W
10,503.0	85.93	2.29	10,011.6	210.4	-441.6	478,463.34	717,038.18	32° 18' 50.713 N	103° 45' 52.530 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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
10,551.0	87.74	2.82	10,014.2	258.2	-439.4	478,511.22	717,040.32	32° 18' 51.187 N	103° 45' 52.503 W
LP: 10551' MD; 2300' FSL									
10,646.0	88.00	2.73	10,017.7	353.1	-434.9	478,606.04	717,044.91	32° 18' 52.125 N	103° 45' 52.443 W
10,742.0	88.84	0.62	10,020.4	449.0	-432.0	478,701.96	717,047.72	32° 18' 53.074 N	103° 45' 52.405 W
10,838.0	89.63	359.04	10,021.7	545.0	-432.3	478,797.95	717,047.43	32° 18' 54.024 N	103° 45' 52.402 W
10,933.0	89.98	359.21	10,022.0	639.9	-433.8	478,892.93	717,045.98	32° 18' 54.964 N	103° 45' 52.413 W
11,029.0	90.11	359.21	10,021.9	735.9	-435.1	478,988.92	717,044.66	32° 18' 55.914 N	103° 45' 52.422 W
11,125.0	90.29	359.13	10,021.6	831.9	-436.5	479,084.91	717,043.27	32° 18' 56.864 N	103° 45' 52.433 W
11,220.0	90.46	359.13	10,021.0	926.9	-437.9	479,179.90	717,041.83	32° 18' 57.804 N	103° 45' 52.444 W
11,316.0	91.12	359.21	10,019.6	1,022.9	-439.3	479,275.88	717,040.44	32° 18' 58.753 N	103° 45' 52.454 W
11,411.0	88.44	358.25	10,020.0	1,117.9	-441.4	479,370.85	717,038.33	32° 18' 59.693 N	103° 45' 52.473 W
11,507.0	87.87	358.16	10,023.1	1,213.8	-444.4	479,466.75	717,035.33	32° 19' 0.642 N	103° 45' 52.502 W
11,603.0	88.92	358.95	10,025.8	1,309.7	-446.9	479,562.68	717,032.91	32° 19' 1.592 N	103° 45' 52.524 W
11,698.0	88.75	358.60	10,027.7	1,404.6	-448.9	479,657.64	717,030.88	32° 19' 2.532 N	103° 45' 52.542 W
11,794.0	89.23	358.42	10,029.4	1,500.6	-451.4	479,753.59	717,028.38	32° 19' 3.481 N	103° 45' 52.565 W
11,889.0	89.05	357.89	10,030.8	1,595.5	-454.4	479,848.53	717,025.32	32° 19' 4.421 N	103° 45' 52.595 W
11,984.0	88.26	356.93	10,033.1	1,690.4	-458.7	479,943.40	717,021.03	32° 19' 5.360 N	103° 45' 52.639 W
12,080.0	89.19	358.42	10,035.2	1,786.3	-462.6	480,039.30	717,017.14	32° 19' 6.309 N	103° 45' 52.678 W
12,176.0	89.89	359.48	10,036.0	1,882.3	-464.4	480,135.28	717,015.38	32° 19' 7.259 N	103° 45' 52.693 W
12,272.0	89.54	359.04	10,036.4	1,978.3	-465.6	480,231.27	717,014.14	32° 19' 8.209 N	103° 45' 52.701 W
12,368.0	89.67	358.25	10,037.1	2,074.2	-467.9	480,327.24	717,011.87	32° 19' 9.158 N	103° 45' 52.722 W
12,463.0	90.64	359.48	10,036.8	2,169.2	-469.8	480,422.22	717,009.99	32° 19' 10.098 N	103° 45' 52.738 W
12,559.0	91.03	357.98	10,035.4	2,265.2	-471.9	480,518.18	717,007.86	32° 19' 11.048 N	103° 45' 52.757 W
12,655.0	89.89	359.83	10,034.7	2,361.2	-473.7	480,614.15	717,006.02	32° 19' 11.998 N	103° 45' 52.772 W
12,750.0	88.48	359.56	10,036.0	2,456.1	-474.2	480,709.14	717,005.52	32° 19' 12.938 N	103° 45' 52.772 W
12,846.0	89.41	359.13	10,037.8	2,552.1	-475.3	480,805.12	717,004.42	32° 19' 13.888 N	103° 45' 52.779 W
12,941.0	90.02	358.51	10,038.3	2,647.1	-477.3	480,900.09	717,002.47	32° 19' 14.828 N	103° 45' 52.796 W
13,037.0	90.81	358.42	10,037.6	2,743.1	-479.9	480,996.06	716,999.89	32° 19' 15.777 N	103° 45' 52.820 W
13,133.0	90.77	0.09	10,036.2	2,839.0	-481.1	481,092.03	716,998.65	32° 19' 16.727 N	103° 45' 52.829 W
13,228.0	89.54	1.23	10,036.0	2,934.0	-480.0	481,187.02	716,999.74	32° 19' 17.667 N	103° 45' 52.810 W
13,324.0	90.20	0.18	10,036.2	3,030.0	-478.8	481,283.02	717,000.92	32° 19' 18.617 N	103° 45' 52.790 W
13,419.0	91.16	359.56	10,035.1	3,125.0	-479.1	481,378.01	717,000.71	32° 19' 19.557 N	103° 45' 52.787 W
13,515.0	89.45	1.59	10,034.6	3,221.0	-478.1	481,473.99	717,001.67	32° 19' 20.507 N	103° 45' 52.770 W
13,611.0	90.02	1.59	10,035.0	3,317.0	-475.4	481,569.95	717,004.33	32° 19' 21.456 N	103° 45' 52.733 W
13,707.0	88.70	1.85	10,036.1	3,412.9	-472.6	481,665.90	717,007.21	32° 19' 22.405 N	103° 45' 52.693 W
13,802.0	88.53	1.41	10,038.4	3,507.8	-469.9	481,760.84	717,009.92	32° 19' 23.345 N	103° 45' 52.656 W
13,897.0	88.48	0.97	10,040.9	3,602.8	-467.9	481,855.78	717,011.89	32° 19' 24.284 N	103° 45' 52.627 W
13,993.0	88.31	0.00	10,043.5	3,698.7	-467.1	481,951.74	717,012.70	32° 19' 25.234 N	103° 45' 52.612 W
14,088.0	88.79	359.21	10,046.0	3,793.7	-467.7	482,046.71	717,012.05	32° 19' 26.173 N	103° 45' 52.613 W
14,184.0	88.92	358.60	10,047.9	3,889.7	-469.6	482,142.67	717,010.21	32° 19' 27.123 N	103° 45' 52.629 W
14,279.0	88.84	358.33	10,049.7	3,984.6	-472.1	482,237.62	717,007.67	32° 19' 28.063 N	103° 45' 52.653 W
14,374.0	88.53	357.46	10,051.9	4,079.5	-475.6	482,332.53	717,004.18	32° 19' 29.002 N	103° 45' 52.687 W
14,470.0	87.96	359.74	10,054.8	4,175.5	-477.9	482,428.45	717,001.83	32° 19' 29.951 N	103° 45' 52.709 W
14,566.0	87.82	359.74	10,058.4	4,271.4	-478.4	482,524.38	717,001.40	32° 19' 30.901 N	103° 45' 52.708 W
14,660.0	89.45	1.94	10,060.6	4,365.3	-477.0	482,618.33	717,002.78	32° 19' 31.830 N	103° 45' 52.686 W
14,756.0	89.36	1.50	10,061.6	4,461.3	-474.1	482,714.29	717,005.66	32° 19' 32.780 N	103° 45' 52.647 W
14,851.0	89.27	1.32	10,062.8	4,556.3	-471.8	482,809.25	717,008.00	32° 19' 33.719 N	103° 45' 52.613 W
14,929.9	89.71	0.67	10,063.5	4,635.1	-470.4	482,888.13	717,009.37	32° 19' 34.500 N	103° 45' 52.593 W
Cross Sec 10-3: 14929.9' MD, 2311' FEL									
14,947.0	89.80	0.53	10,063.5	4,652.2	-470.2	482,905.23	717,009.54	32° 19' 34.669 N	103° 45' 52.589 W
15,042.0	89.80	359.65	10,063.9	4,747.2	-470.1	483,000.23	717,009.69	32° 19' 35.609 N	103° 45' 52.582 W
15,138.0	90.29	358.86	10,063.8	4,843.2	-471.3	483,096.22	717,008.45	32° 19' 36.559 N	103° 45' 52.590 W
15,233.0	88.53	359.74	10,064.8	4,938.2	-472.5	483,191.21	717,007.29	32° 19' 37.499 N	103° 45' 52.598 W
15,328.0	89.01	359.04	10,066.8	5,033.2	-473.5	483,286.18	717,006.27	32° 19' 38.439 N	103° 45' 52.604 W
15,424.0	89.27	358.51	10,068.2	5,129.2	-475.5	483,382.14	717,004.22	32° 19' 39.388 N	103° 45' 52.622 W



Skyline Directional Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	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
15,519.0	89.49	357.98	10,069.3	5,224.1	-478.5	483,477.09	717,001.31	32° 19' 40.328 N	103° 45' 52.650 W
15,615.0	88.35	359.56	10,071.1	5,320.1	-480.5	483,573.05	716,999.25	32° 19' 41.278 N	103° 45' 52.668 W
15,710.0	88.66	359.30	10,073.6	5,415.0	-481.5	483,668.01	716,998.31	32° 19' 42.218 N	103° 45' 52.673 W
15,805.0	87.60	359.04	10,076.7	5,510.0	-482.8	483,762.95	716,996.93	32° 19' 43.157 N	103° 45' 52.683 W
15,901.0	86.90	358.25	10,081.3	5,605.8	-485.1	483,858.81	716,994.66	32° 19' 44.106 N	103° 45' 52.704 W
15,996.0	87.52	358.07	10,085.9	5,700.7	-488.1	483,953.65	716,991.62	32° 19' 45.044 N	103° 45' 52.734 W
16,091.0	87.52	358.07	10,090.0	5,795.5	-491.3	484,048.51	716,988.42	32° 19' 45.983 N	103° 45' 52.765 W
16,187.0	85.89	357.46	10,095.5	5,891.3	-495.1	484,144.27	716,984.68	32° 19' 46.931 N	103° 45' 52.803 W
16,281.0	87.60	358.95	10,100.9	5,985.1	-498.0	484,238.07	716,981.75	32° 19' 47.859 N	103° 45' 52.831 W
16,377.0	87.65	358.25	10,104.8	6,081.0	-500.4	484,333.96	716,979.40	32° 19' 48.808 N	103° 45' 52.852 W
16,472.0	88.00	357.46	10,108.4	6,175.8	-503.9	484,428.82	716,975.85	32° 19' 49.747 N	103° 45' 52.888 W
16,567.0	89.14	0.18	10,110.8	6,270.8	-505.9	484,523.76	716,973.89	32° 19' 50.687 N	103° 45' 52.905 W
16,663.0	89.80	359.83	10,111.7	6,366.8	-505.9	484,619.76	716,973.90	32° 19' 51.637 N	103° 45' 52.899 W
16,759.0	88.35	0.44	10,113.3	6,462.7	-505.6	484,715.74	716,974.13	32° 19' 52.587 N	103° 45' 52.890 W
16,854.0	87.87	359.74	10,116.4	6,557.7	-505.5	484,810.69	716,974.28	32° 19' 53.526 N	103° 45' 52.883 W
16,950.0	87.08	358.69	10,120.6	6,653.6	-506.8	484,906.58	716,972.96	32° 19' 54.475 N	103° 45' 52.892 W
17,045.0	87.08	358.16	10,125.5	6,748.4	-509.4	485,001.42	716,970.36	32° 19' 55.414 N	103° 45' 52.916 W
17,141.0	85.45	357.37	10,131.7	6,844.2	-513.1	485,097.14	716,966.62	32° 19' 56.361 N	103° 45' 52.954 W
17,236.0	89.10	358.86	10,136.2	6,939.0	-516.3	485,191.97	716,963.50	32° 19' 57.300 N	103° 45' 52.985 W
17,332.0	91.96	359.83	10,135.3	7,035.0	-517.4	485,287.94	716,962.41	32° 19' 58.249 N	103° 45' 52.991 W
17,427.0	90.77	1.06	10,133.1	7,129.9	-516.6	485,382.91	716,963.14	32° 19' 59.189 N	103° 45' 52.977 W
17,523.0	87.03	1.59	10,134.9	7,225.9	-514.4	485,478.85	716,965.36	32° 20' 0.138 N	103° 45' 52.945 W
17,618.0	87.34	1.59	10,139.6	7,320.7	-511.8	485,573.70	716,967.99	32° 20' 1.077 N	103° 45' 52.909 W
17,714.0	86.95	1.32	10,144.4	7,416.6	-509.3	485,669.55	716,970.43	32° 20' 2.025 N	103° 45' 52.874 W
17,809.0	87.08	1.59	10,149.3	7,511.4	-506.9	485,764.39	716,972.84	32° 20' 2.963 N	103° 45' 52.840 W
17,904.0	86.51	0.53	10,154.6	7,606.2	-505.2	485,859.22	716,974.59	32° 20' 3.902 N	103° 45' 52.814 W
18,000.0	86.42	359.74	10,160.5	7,702.0	-504.9	485,955.04	716,974.82	32° 20' 4.850 N	103° 45' 52.805 W
18,095.0	88.22	0.36	10,165.0	7,796.9	-504.9	486,049.93	716,974.90	32° 20' 5.789 N	103° 45' 52.799 W
18,191.0	89.32	0.97	10,167.0	7,892.9	-503.7	486,145.90	716,976.02	32° 20' 6.738 N	103° 45' 52.780 W
18,286.0	89.32	0.62	10,168.2	7,987.9	-502.4	486,240.88	716,977.33	32° 20' 7.678 N	103° 45' 52.758 W
18,382.0	89.85	359.83	10,168.9	8,083.9	-502.1	486,336.88	716,977.71	32° 20' 8.628 N	103° 45' 52.748 W
18,477.0	90.20	359.21	10,168.8	8,178.9	-502.9	486,431.88	716,976.92	32° 20' 9.568 N	103° 45' 52.752 W
18,572.0	90.73	358.33	10,168.1	8,273.9	-504.9	486,526.85	716,974.88	32° 20' 10.508 N	103° 45' 52.769 W
18,668.0	90.51	358.16	10,167.0	8,369.8	-507.8	486,622.80	716,971.94	32° 20' 11.458 N	103° 45' 52.798 W
18,764.0	90.90	357.98	10,165.8	8,465.7	-511.1	486,718.74	716,968.70	32° 20' 12.407 N	103° 45' 52.830 W
18,859.0	90.99	357.72	10,164.3	8,560.7	-514.6	486,813.66	716,965.14	32° 20' 13.347 N	103° 45' 52.865 W
18,955.0	91.16	357.46	10,162.5	8,656.6	-518.7	486,909.55	716,961.10	32° 20' 14.296 N	103° 45' 52.906 W
19,050.0	91.65	356.75	10,160.1	8,751.4	-523.5	487,004.40	716,956.31	32° 20' 15.235 N	103° 45' 52.956 W
19,145.0	91.03	359.21	10,157.9	8,846.3	-526.8	487,099.31	716,952.96	32° 20' 16.174 N	103° 45' 52.989 W
19,241.0	89.93	1.32	10,157.1	8,942.3	-526.4	487,195.30	716,953.40	32° 20' 17.124 N	103° 45' 52.978 W
19,336.0	90.15	1.23	10,157.0	9,037.3	-524.2	487,290.28	716,955.52	32° 20' 18.064 N	103° 45' 52.948 W
19,431.0	90.29	0.71	10,156.7	9,132.3	-522.6	487,385.26	716,957.13	32° 20' 19.003 N	103° 45' 52.923 W
19,527.0	90.33	359.92	10,156.2	9,228.3	-522.1	487,481.26	716,957.65	32° 20' 19.953 N	103° 45' 52.911 W
19,622.0	90.29	358.95	10,155.6	9,323.3	-523.0	487,576.25	716,956.72	32° 20' 20.893 N	103° 45' 52.916 W
19,718.0	90.90	358.77	10,154.6	9,419.2	-525.0	487,672.23	716,954.81	32° 20' 21.843 N	103° 45' 52.932 W
19,813.0	91.16	357.98	10,152.9	9,514.2	-527.7	487,767.17	716,952.11	32° 20' 22.783 N	103° 45' 52.958 W
19,909.0	91.52	357.37	10,150.7	9,610.1	-531.5	487,863.07	716,948.22	32° 20' 23.732 N	103° 45' 52.997 W
20,004.0	92.22	356.49	10,147.6	9,704.9	-536.6	487,957.88	716,943.14	32° 20' 24.670 N	103° 45' 53.051 W
20,054.0	92.18	356.05	10,145.7	9,754.7	-539.9	488,007.73	716,939.89	32° 20' 25.164 N	103° 45' 53.086 W
20,105.6	92.18	356.05	10,143.7	9,806.2	-543.4	488,059.17	716,936.33	32° 20' 25.673 N	103° 45' 53.124 W
Cross 100' FNL: 20105.6' MD, 2346' FEL									
20,108.0	92.18	356.05	10,143.6	9,808.6	-543.6	488,061.57	716,936.17	32° 20' 25.697 N	103° 45' 53.126 W
BHL: 20108' MD; 98' FNL, 2346' FEL									



Skyline Directional

Survey Report - Geographic



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Aleutian 10-3-Fed Com 213H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3434.3usft
Site:	Sec 10-T23S-R31E(Aleutian)	MD Reference:	Cactus 129: RKB @ 3434.3usft
Well:	Aleutian 10-3-Fed Com 213H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	ST01	Database:	Compass_DSN

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
20,108.0	10,143.6	20" Casing	20	24	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,475.0	9,434.8	-533.7	-463.7	KOP: 9475' MD; 2333' FEL/109' FSL	
10,551.0	10,014.2	258.2	-439.4	LP: 10551' MD; 2300' FSL	
14,929.9	10,063.5	4,635.1	-470.4	Cross Sec 10-3: 14929.9' MD, 2311' FEL	
20,105.6	10,143.7	9,806.2	-543.4	Cross 100' FNL: 20105.6' MD, 2346' FEL	
20,108.0	10,143.6	9,808.6	-543.6	BHL: 20108' MD; 98' FNL, 2346' FEL	

Checked By: _____ Approved By: _____ Date: _____

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

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter O : 640 feet from the South line and 1867 feet from the East line Section 10 Township 23S Range 31E NMPM County EDDY 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3409		WELL API NO. 30-015-46966 5. Indicate Type of Lease STATE ☐ FEE ☐ 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name ALEUTIAN 10-3 FED COM 8. Well Number 213H 9. OGRID Number 6137 10. Pool name or Wildcat LIVINGSTON RIDGE; BONE SPRING
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

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

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Completion ☒

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

10/13/20-10/23/20: MIRU WL & PT. TIH w/pump through frac plug and guns. Perf Delaware, 10360'-20081', total 1174 holes. Frac totals 56 bbls acid, 19258425# prop. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBD 20090'. CHC, FWB, ND BOP. Tbg will be ran at a later date. TOP.

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

RUSTLER	625
SALT	1015
DELAWARE	4375
BONE SPRING	8255

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

SIGNATURE Chelsey Green TITLE Regulatory Specialist DATE 2/19/2021

Type or print name Chelsey Green E-mail address: chelsey.green@dvn.com PHONE: 405-228-8595

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Specialist DATE 4/20/2021

Conditions of Approval (if any):

Devon - General

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

[illegible]

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

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

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 20799

CONDITIONS OF APPROVAL

Operator: DEVON ENERGY PRODUCTION COMPAN 333 West Sheridan Ave. Oklahoma City, OK73102			OGRID: 6137	Action Number: 20799	Action Type: C-104C
OCD Reviewer			Condition		
plmartinez			None		