

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 / 9/26/20
⁴ API Number 30-015-46117	⁵ Pool Name LIVINGSTON RIDGE; BONE SPRING	⁶ Pool Code 39350
⁷ Property Code 325761	⁸ Property Name BORA BORA 13-24 FED COM	⁹ Well Number 215H

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
A	13	23S	31E		100	North	1180	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
P	24	23S	31E		117	South	1206	East	EDDY
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/26/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
371960	Lucid Energy Delaware, LLC 3100 McKinnon St., Ste. 800, Dallas, TX 75201	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 2/3/20	²² Ready Date 9/26/20	²³ TD 20,480'	²⁴ PBDT 20,461'	²⁵ Perforations 10733 - 20451	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	944	720 sx CIA; Circ 338 sx		
10.625	8.625	11480	880 sx CIA; Circ 0 sx		
			Squeeze - 1790 sx CIC		
	Tubing:	0	PH Cmt Plug - 185 sx CIH		

V. Well Test Data

³¹ Date New Oil 10/16/20	³² Gas Delivery Date 10/16/20	³³ Test Date 10/16/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 2142 bbl	³⁹ Water 5230 bbl	⁴⁰ Gas 2795 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: Rebecca Deal			Approved by:		
Title: Regulatory Analyst			Title:		
E-mail Address: Rebecca.Deal@dvn.com			Approval Date:		
Date: 10/22/2020		Phone: 405-228-8429			



Final MWD Survey Certification

Eddy County, NM

Client: Devon Energy

Well Name: Bora Bora 13-24 Fed Com 215H Pilot Hole

Total Job No: SW-200079

API No: 30-015-46117

Start Date: February 03, 2020

End Date: February 19, 2020

Measured Start Depth: 0 feet

Measured End Depth: 13,255 feet

I, Jesse Yerxa, certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: March 10, 2020

Signed: *Jesse Yerxa*



Devon Energy

Eddy County, NM (NAD83)

Bora Bora 13-24 Fed Com

Bora Bora 13-24 Fed Com 215H

OH

Design: OH

Standard Survey Report

14 March, 2020





Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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

Site		Bora Bora 13-24 Fed Com			
Site Position:		Northing:	477,557.32 usft	Latitude:	32.311421
From:	Map	Easting:	728,695.61 usft	Longitude:	-103.726875
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.32 °

Well	Bora Bora 13-24 Fed Com 215H					
Well Position	+N/-S	0.00 usft	Northing:	477,557.50 usft	Latitude:	32.311421
	+E/-W	0.00 usft	Easting:	728,725.57 usft	Longitude:	-103.726778
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,507.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/7/2020	6.75	60.08	47,709.82009638

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	9,869.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.83	

Survey Program	Date	3/14/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
113.00	9,869.00	Survey #1 (Pilot Hole)	OWSG (Rev2) MWD	OWSG MWD - Standard	
9,908.00	20,411.00	Survey #1 (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
20,465.00	20,480.00	Survey #2 - Proj to TD (OH)	BLIND	OWSG BLIND	

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	
OH SHL (Bora Bora 13-24 Fed Com 215H)										
113.00	0.30	235.90	113.00	-0.17	-0.24	0.17	0.27	0.27	0.00	
208.00	0.60	211.40	208.00	-0.73	-0.71	0.73	0.37	0.32	-25.79	
303.00	0.40	204.40	302.99	-1.46	-1.11	1.45	0.22	-0.21	-7.37	
397.00	0.50	210.40	396.99	-2.11	-1.45	2.10	0.12	0.11	6.38	
491.00	0.30	208.50	490.99	-2.68	-1.77	2.67	0.21	-0.21	-2.02	
586.00	0.30	261.80	585.99	-2.93	-2.14	2.93	0.28	0.00	56.11	
680.00	0.40	245.00	679.98	-3.11	-2.68	3.10	0.15	0.11	-17.87	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
775.00	0.60	259.00	774.98	-3.34	-3.47	3.33	0.25	0.21	14.74
880.00	0.60	278.60	879.98	-3.36	-4.55	3.35	0.19	0.00	18.67
993.00	0.80	283.60	992.97	-3.09	-5.90	3.07	0.18	0.18	4.42
1,088.00	0.60	291.40	1,087.96	-2.75	-7.01	2.73	0.23	-0.21	8.21
1,183.00	0.50	289.50	1,182.96	-2.43	-7.87	2.41	0.11	-0.11	-2.00
1,279.00	0.40	288.20	1,278.95	-2.19	-8.58	2.16	0.10	-0.10	-1.35
1,375.00	0.30	307.00	1,374.95	-1.93	-9.10	1.91	0.16	-0.10	19.58
1,471.00	0.10	300.00	1,470.95	-1.74	-9.37	1.71	0.21	-0.21	-7.29
1,567.00	0.20	246.70	1,566.95	-1.76	-9.60	1.74	0.17	0.10	-55.52
1,662.00	0.30	221.00	1,661.95	-2.02	-9.91	1.99	0.16	0.11	-27.05
1,758.00	0.30	207.40	1,757.95	-2.43	-10.19	2.40	0.07	0.00	-14.17
1,854.00	0.30	213.70	1,853.95	-2.86	-10.45	2.83	0.03	0.00	6.56
1,950.00	0.30	215.00	1,949.95	-3.28	-10.73	3.25	0.01	0.00	1.35
2,046.00	0.30	199.80	2,045.94	-3.72	-10.96	3.69	0.08	0.00	-15.83
2,142.00	0.40	185.60	2,141.94	-4.29	-11.08	4.26	0.14	0.10	-14.79
2,237.00	0.50	189.50	2,236.94	-5.03	-11.18	5.00	0.11	0.11	4.11
2,333.00	0.60	182.80	2,332.93	-5.94	-11.27	5.91	0.12	0.10	-6.98
2,427.00	0.50	180.70	2,426.93	-6.85	-11.30	6.81	0.11	-0.11	-2.23
2,523.00	0.60	168.10	2,522.93	-7.76	-11.20	7.72	0.16	0.10	-13.13
2,618.00	0.60	157.10	2,617.92	-8.70	-10.91	8.67	0.12	0.00	-11.58
2,713.00	0.60	137.20	2,712.92	-9.52	-10.38	9.49	0.22	0.00	-20.95
2,809.00	0.60	127.50	2,808.91	-10.20	-9.64	10.17	0.11	0.00	-10.10
2,904.00	0.80	121.40	2,903.90	-10.85	-8.68	10.82	0.22	0.21	-6.42
2,998.00	0.80	123.30	2,997.89	-11.55	-7.57	11.53	0.03	0.00	2.02
3,094.00	0.80	127.70	3,093.88	-12.33	-6.48	12.31	0.06	0.00	4.58
3,189.00	1.00	100.40	3,188.87	-12.88	-5.14	12.87	0.49	0.21	-28.74
3,285.00	1.10	81.70	3,284.86	-12.90	-3.40	12.89	0.37	0.10	-19.48
3,381.00	0.90	105.00	3,380.84	-12.96	-1.76	12.96	0.47	-0.21	24.27
3,476.00	0.80	109.10	3,475.83	-13.37	-0.41	13.37	0.12	-0.11	4.32
3,572.00	0.70	107.90	3,571.82	-13.77	0.78	13.77	0.11	-0.10	-1.25
3,668.00	0.90	109.30	3,667.82	-14.20	2.05	14.21	0.21	0.21	1.46
3,763.00	2.00	123.90	3,762.78	-15.37	4.13	15.39	1.21	1.16	15.37
3,859.00	2.90	128.10	3,858.69	-17.81	7.43	17.83	0.96	0.94	4.38
3,954.00	2.30	143.20	3,953.60	-20.82	10.46	20.85	0.95	-0.63	15.89
4,050.00	2.00	159.20	4,049.53	-23.92	12.21	23.96	0.70	-0.31	16.67
4,146.00	1.80	161.90	4,145.48	-26.92	13.27	26.96	0.23	-0.21	2.81
4,242.00	1.30	167.50	4,241.44	-29.42	13.98	29.46	0.54	-0.52	5.83
4,338.00	1.00	172.70	4,337.42	-31.31	14.32	31.36	0.33	-0.31	5.42
4,433.00	1.10	182.60	4,432.41	-33.05	14.38	33.09	0.22	0.11	10.42
4,529.00	1.00	193.10	4,528.39	-34.78	14.15	34.83	0.23	-0.10	10.94
4,625.00	1.00	192.90	4,624.38	-36.42	13.78	36.46	0.00	0.00	-0.21
4,721.00	1.00	190.90	4,720.36	-38.05	13.43	38.09	0.04	0.00	-2.08
4,816.00	0.90	192.10	4,815.35	-39.60	13.12	39.64	0.11	-0.11	1.26



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,912.00	0.70	231.50	4,911.34	-40.70	12.50	40.74	0.60	-0.21	41.04
5,008.00	0.70	236.00	5,007.33	-41.39	11.56	41.43	0.06	0.00	4.69
5,104.00	0.70	238.10	5,103.33	-42.03	10.57	42.06	0.03	0.00	2.19
5,199.00	0.70	237.00	5,198.32	-42.65	9.59	42.68	0.01	0.00	-1.16
5,294.00	1.00	267.80	5,293.31	-43.00	8.28	43.03	0.56	0.32	32.42
5,390.00	1.00	270.70	5,389.29	-43.02	6.60	43.04	0.05	0.00	3.02
5,485.00	1.00	275.60	5,484.28	-42.93	4.95	42.95	0.09	0.00	5.16
5,581.00	1.10	272.80	5,580.26	-42.81	3.19	42.82	0.12	0.10	-2.92
5,677.00	1.10	270.80	5,676.25	-42.75	1.35	42.75	0.04	0.00	-2.08
5,772.00	1.20	269.80	5,771.23	-42.74	-0.55	42.74	0.11	0.11	-1.05
5,867.00	1.10	268.20	5,866.21	-42.77	-2.46	42.76	0.11	-0.11	-1.68
5,963.00	0.80	291.20	5,962.19	-42.56	-4.01	42.55	0.50	-0.31	23.96
6,058.00	0.90	293.60	6,057.18	-42.02	-5.31	42.00	0.11	0.11	2.53
6,153.00	0.90	294.20	6,152.17	-41.41	-6.67	41.39	0.01	0.00	0.63
6,248.00	0.80	288.40	6,247.16	-40.90	-7.98	40.88	0.14	-0.11	-6.11
6,344.00	0.80	288.60	6,343.15	-40.47	-9.25	40.45	0.00	0.00	0.21
6,439.00	0.80	282.60	6,438.14	-40.12	-10.53	40.09	0.09	0.00	-6.32
6,534.00	0.80	294.80	6,533.13	-39.69	-11.78	39.66	0.18	0.00	12.84
6,630.00	0.60	288.60	6,629.13	-39.25	-12.86	39.21	0.22	-0.21	-6.46
6,726.00	0.60	293.00	6,725.12	-38.90	-13.80	38.86	0.05	0.00	4.58
6,821.00	0.50	355.20	6,820.12	-38.29	-14.29	38.25	0.60	-0.11	65.47
6,917.00	1.00	24.10	6,916.11	-37.11	-13.99	37.07	0.64	0.52	30.10
7,012.00	1.40	22.10	7,011.09	-35.28	-13.21	35.24	0.42	0.42	-2.11
7,108.00	1.50	19.90	7,107.06	-33.01	-12.34	32.97	0.12	0.10	-2.29
7,203.00	0.90	12.90	7,202.04	-31.11	-11.75	31.08	0.65	-0.63	-7.37
7,298.00	0.30	304.80	7,297.03	-30.24	-11.79	30.21	0.88	-0.63	-71.68
7,394.00	0.30	305.30	7,393.03	-29.95	-12.20	29.92	0.00	0.00	0.52
7,489.00	0.20	303.50	7,488.03	-29.72	-12.54	29.68	0.11	-0.11	-1.89
7,584.00	0.30	271.40	7,583.03	-29.62	-12.93	29.58	0.18	0.11	-33.79
7,679.00	0.30	260.30	7,678.03	-29.66	-13.42	29.62	0.06	0.00	-11.68
7,774.00	0.30	250.10	7,773.03	-29.78	-13.90	29.74	0.06	0.00	-10.74
7,869.00	0.40	239.00	7,868.02	-30.04	-14.42	29.99	0.13	0.11	-11.68
7,964.00	0.50	228.50	7,963.02	-30.48	-15.02	30.44	0.14	0.11	-11.05
8,059.00	0.70	223.30	8,058.02	-31.18	-15.73	31.13	0.22	0.21	-5.47
8,154.00	0.70	222.60	8,153.01	-32.03	-16.52	31.98	0.01	0.00	-0.74
8,250.00	0.70	224.70	8,249.00	-32.88	-17.33	32.83	0.03	0.00	2.19
8,345.00	0.60	216.10	8,344.00	-33.69	-18.03	33.64	0.15	-0.11	-9.05
8,440.00	0.70	206.00	8,438.99	-34.62	-18.57	34.56	0.16	0.11	-10.63
8,535.00	0.70	205.90	8,533.98	-35.66	-19.08	35.60	0.00	0.00	-0.11
8,631.00	0.70	204.50	8,629.98	-36.72	-19.58	36.66	0.02	0.00	-1.46
8,726.00	0.90	218.10	8,724.97	-37.84	-20.28	37.78	0.29	0.21	14.32
8,822.00	1.30	231.90	8,820.95	-39.10	-21.60	39.04	0.50	0.42	14.38
8,917.00	1.60	231.60	8,915.92	-40.59	-23.49	40.52	0.32	0.32	-0.32
9,012.00	1.50	233.80	9,010.88	-42.15	-25.53	42.07	0.12	-0.11	2.32



Total Directional Services

Survey Report



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Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
9,106.00	1.40	229.90	9,104.85	-43.61	-27.41	43.53	0.15	-0.11	-4.15
9,201.00	1.40	221.70	9,199.83	-45.23	-29.07	45.14	0.21	0.00	-8.63
9,297.00	1.30	209.00	9,295.80	-47.06	-30.37	46.97	0.33	-0.10	-13.23
9,392.00	1.20	184.80	9,390.78	-48.99	-30.98	48.90	0.56	-0.11	-25.47
9,487.00	1.10	173.50	9,485.76	-50.89	-30.96	50.79	0.26	-0.11	-11.89
9,583.00	1.30	171.10	9,581.74	-52.88	-30.69	52.79	0.21	0.21	-2.50
9,678.00	1.00	168.40	9,676.72	-54.76	-30.35	54.66	0.32	-0.32	-2.84
9,773.00	1.10	166.30	9,771.70	-56.45	-29.97	56.36	0.11	0.11	-2.21
9,869.00	1.50	169.20	9,867.68	-58.58	-29.52	58.49	0.42	0.42	3.02
KOP									
9,896.24	5.83	173.44	9,894.85	-60.31	-29.29	60.22	15.91	15.89	15.57
OH KOP (Bora Bora 13-24 Fed Com 215H)									
9,908.00	7.70	173.80	9,906.53	-61.69	-29.14	61.60	15.91	15.91	3.04
9,939.00	11.80	170.20	9,937.08	-66.88	-28.37	66.79	13.36	13.23	-11.61
9,971.00	15.20	169.60	9,968.19	-74.23	-27.06	74.15	10.63	10.63	-1.88
10,066.00	25.60	177.30	10,057.12	-107.07	-23.84	107.00	11.28	10.95	8.11
10,161.00	32.00	177.30	10,140.33	-152.77	-21.68	152.70	6.74	6.74	0.00
10,256.00	42.20	173.90	10,216.01	-209.79	-17.09	209.74	10.95	10.74	-3.58
10,351.00	48.70	173.50	10,282.62	-277.05	-9.65	277.02	6.85	6.84	-0.42
10,447.00	55.50	177.60	10,341.57	-352.51	-3.91	352.49	7.84	7.08	4.27
10,542.00	63.00	177.90	10,390.11	-434.03	-0.71	434.03	7.90	7.89	0.32
10,638.00	68.20	179.60	10,429.76	-521.40	1.17	521.40	5.65	5.42	1.77
10,733.00	74.20	178.60	10,460.36	-611.28	2.59	611.28	6.39	6.32	-1.05
10,776.21	74.65	178.14	10,471.96	-652.89	3.78	652.90	1.46	1.05	-1.06
OH LP (Bora Bora 13-24 Fed Com 215H)									
10,828.00	75.20	177.60	10,485.43	-702.86	5.63	702.87	1.46	1.05	-1.05
10,923.00	78.10	179.30	10,507.36	-795.24	8.13	795.27	3.51	3.05	1.79
11,018.00	83.60	179.90	10,522.46	-889.00	8.78	889.02	5.82	5.79	0.63
11,114.00	87.40	180.10	10,529.99	-984.68	8.78	984.71	3.96	3.96	0.21
11,209.00	90.10	180.00	10,532.07	-1,079.65	8.69	1,079.67	2.84	2.84	-0.11
11,304.00	91.10	180.30	10,531.07	-1,174.65	8.44	1,174.67	1.10	1.05	0.32
11,399.00	88.50	181.50	10,531.40	-1,269.62	6.95	1,269.64	3.01	-2.74	1.26
11,494.00	88.40	181.20	10,533.97	-1,364.56	4.71	1,364.57	0.33	-0.11	-0.32
11,590.00	87.90	180.20	10,537.07	-1,460.50	3.54	1,460.51	1.16	-0.52	-1.04
11,685.00	89.70	179.90	10,539.06	-1,555.48	3.46	1,555.48	1.92	1.89	-0.32
11,780.00	89.90	178.90	10,539.39	-1,650.47	4.45	1,650.48	1.07	0.21	-1.05
11,876.00	89.80	177.50	10,539.64	-1,746.42	7.47	1,746.44	1.46	-0.10	-1.46
11,971.00	90.10	180.10	10,539.73	-1,841.39	9.46	1,841.41	2.75	0.32	2.74
12,067.00	92.10	180.60	10,537.88	-1,937.37	8.87	1,937.39	2.15	2.08	0.52
12,162.00	90.60	181.20	10,535.65	-2,032.33	7.38	2,032.34	1.70	-1.58	0.63
12,257.00	88.40	182.30	10,536.47	-2,127.27	4.48	2,127.28	2.59	-2.32	1.16
12,353.00	88.40	182.70	10,539.15	-2,223.14	0.29	2,223.13	0.42	0.00	0.42
12,448.00	88.70	182.10	10,541.56	-2,318.03	-3.68	2,318.01	0.71	0.32	-0.63



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
12,543.00	88.50	182.20	10,543.88	-2,412.93	-7.25	2,412.90	0.24	-0.21	0.11
12,638.00	88.50	181.80	10,546.37	-2,507.84	-10.56	2,507.80	0.42	0.00	-0.42
12,734.00	88.30	181.00	10,549.05	-2,603.78	-12.90	2,603.72	0.86	-0.21	-0.83
12,828.00	90.60	180.30	10,549.95	-2,697.76	-13.97	2,697.70	2.56	2.45	-0.74
12,924.00	91.70	180.40	10,548.02	-2,793.74	-14.56	2,793.68	1.15	1.15	0.10
13,019.00	88.90	180.20	10,547.53	-2,888.72	-15.05	2,888.67	2.95	-2.95	-0.21
13,115.00	88.40	179.80	10,549.79	-2,984.70	-15.05	2,984.64	0.67	-0.52	-0.42
13,210.00	89.90	179.60	10,551.20	-3,079.68	-14.56	3,079.62	1.59	1.58	-0.21
13,305.00	90.40	178.10	10,550.95	-3,174.66	-12.65	3,174.61	1.66	0.53	-1.58
13,400.00	91.40	178.90	10,549.46	-3,269.61	-10.16	3,269.57	1.35	1.05	0.84
13,495.00	92.40	179.50	10,546.31	-3,364.55	-8.84	3,364.51	1.23	1.05	0.63
13,591.00	91.50	180.80	10,543.04	-3,460.49	-9.09	3,460.45	1.65	-0.94	1.35
13,686.00	90.70	179.80	10,541.21	-3,555.47	-9.59	3,555.43	1.35	-0.84	-1.05
13,782.00	89.90	179.10	10,540.71	-3,651.46	-8.66	3,651.42	1.11	-0.83	-0.73
13,878.00	89.80	178.50	10,540.96	-3,747.44	-6.65	3,747.40	0.63	-0.10	-0.63
13,973.00	88.70	177.30	10,542.21	-3,842.37	-3.17	3,842.34	1.71	-1.16	-1.26
14,069.00	89.80	178.40	10,543.46	-3,938.29	0.43	3,938.27	1.62	1.15	1.15
14,164.00	89.40	178.40	10,544.13	-4,033.25	3.08	4,033.24	0.42	-0.42	0.00
14,259.00	89.50	178.10	10,545.04	-4,128.20	5.98	4,128.20	0.33	0.11	-0.32
14,355.00	90.70	179.60	10,544.87	-4,224.17	7.91	4,224.18	2.00	1.25	1.56
14,451.00	91.30	180.10	10,543.20	-4,320.16	8.16	4,320.16	0.81	0.63	0.52
14,547.00	91.50	179.70	10,540.85	-4,416.13	8.33	4,416.14	0.47	0.21	-0.42
14,643.00	89.40	180.70	10,540.10	-4,512.12	7.99	4,512.12	2.42	-2.19	1.04
14,738.00	90.30	180.50	10,540.35	-4,607.11	7.00	4,607.11	0.97	0.95	-0.21
14,834.00	91.20	182.50	10,539.09	-4,703.07	4.48	4,703.06	2.28	0.94	2.08
14,930.00	88.80	183.00	10,539.09	-4,798.95	-0.12	4,798.93	2.55	-2.50	0.52
15,026.00	89.30	183.30	10,540.68	-4,894.79	-5.40	4,894.75	0.61	0.52	0.31
15,122.00	90.40	183.90	10,540.93	-4,990.60	-11.42	4,990.54	1.31	1.15	0.63
15,217.00	88.80	181.40	10,541.59	-5,085.48	-15.82	5,085.41	3.12	-1.68	-2.63
15,306.91	89.64	182.34	10,542.82	-5,175.34	-18.75	5,175.26	1.40	0.94	1.04
S13/24 Crossing									
15,313.00	89.70	182.40	10,542.85	-5,181.42	-19.00	5,181.34	1.40	0.94	1.04
15,409.00	88.70	181.60	10,544.19	-5,277.35	-22.35	5,277.26	1.33	-1.04	-0.83
15,505.00	88.90	180.90	10,546.20	-5,373.31	-24.44	5,373.21	0.76	0.21	-0.73
15,601.00	89.30	180.90	10,547.71	-5,469.28	-25.95	5,469.18	0.42	0.42	0.00
15,697.00	88.90	180.20	10,549.22	-5,565.27	-26.87	5,565.16	0.84	-0.42	-0.73
15,792.00	89.80	180.90	10,550.30	-5,660.25	-27.78	5,660.14	1.20	0.95	0.74
15,888.00	92.70	183.40	10,548.20	-5,756.14	-31.38	5,756.03	3.99	3.02	2.60
15,984.00	89.60	182.60	10,546.27	-5,851.98	-36.40	5,851.85	3.33	-3.23	-0.83
16,080.00	89.40	180.30	10,547.11	-5,947.94	-38.83	5,947.80	2.40	-0.21	-2.40
16,176.00	89.30	180.00	10,548.20	-6,043.93	-39.08	6,043.79	0.33	-0.10	-0.31
16,272.00	92.10	182.90	10,547.03	-6,139.88	-41.51	6,139.72	4.20	2.92	3.02
16,364.00	89.80	182.50	10,545.50	-6,231.76	-45.85	6,231.59	2.54	-2.50	-0.43
16,460.00	87.30	180.00	10,547.93	-6,327.69	-47.94	6,327.51	3.68	-2.60	-2.60



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
16,555.00	88.40	177.90	10,551.50	-6,422.60	-46.20	6,422.43	2.49	1.16	-2.21
16,651.00	89.10	178.00	10,553.59	-6,518.51	-42.77	6,518.35	0.74	0.73	0.10
16,747.00	88.50	177.90	10,555.60	-6,614.43	-39.33	6,614.28	0.63	-0.63	-0.10
16,842.00	90.90	176.30	10,556.10	-6,709.30	-34.53	6,709.16	3.04	2.53	-1.68
16,938.00	90.10	175.30	10,555.26	-6,805.03	-27.50	6,804.92	1.33	-0.83	-1.04
17,034.00	89.90	175.80	10,555.26	-6,900.74	-20.05	6,900.65	0.56	-0.21	0.52
17,130.00	92.50	177.60	10,553.25	-6,996.55	-14.52	6,996.48	3.29	2.71	1.88
17,226.00	91.60	176.90	10,549.82	-7,092.38	-9.92	7,092.32	1.19	-0.94	-0.73
17,321.00	91.50	178.80	10,547.25	-7,187.27	-6.36	7,187.22	2.00	-0.11	2.00
17,417.00	90.60	177.80	10,545.49	-7,283.21	-3.51	7,283.17	1.40	-0.94	-1.04
17,513.00	92.30	181.50	10,543.06	-7,379.16	-2.92	7,379.12	4.24	1.77	3.85
17,609.00	93.40	181.20	10,538.28	-7,475.01	-5.18	7,474.96	1.19	1.15	-0.31
17,704.00	91.70	181.90	10,534.06	-7,569.88	-7.75	7,569.82	1.93	-1.79	0.74
17,800.00	87.90	181.40	10,534.39	-7,665.82	-10.51	7,665.75	3.99	-3.96	-0.52
17,896.00	87.30	180.20	10,538.41	-7,761.72	-11.85	7,761.65	1.40	-0.63	-1.25
17,992.00	90.90	182.00	10,539.92	-7,857.67	-13.70	7,857.60	4.19	3.75	1.88
18,088.00	90.90	182.20	10,538.41	-7,953.60	-17.21	7,953.51	0.21	0.00	0.21
18,183.00	88.30	181.40	10,539.08	-8,048.54	-20.20	8,048.44	2.86	-2.74	-0.84
18,279.00	88.70	181.00	10,541.59	-8,144.49	-22.21	8,144.38	0.59	0.42	-0.42
18,375.00	88.30	181.30	10,544.10	-8,240.43	-24.13	8,240.32	0.52	-0.42	0.31
18,471.00	87.70	181.20	10,547.45	-8,336.35	-26.23	8,336.24	0.63	-0.63	-0.10
18,567.00	87.50	180.20	10,551.47	-8,432.26	-27.40	8,432.14	1.06	-0.21	-1.04
18,663.00	89.70	179.20	10,553.82	-8,528.22	-26.89	8,528.10	2.52	2.29	-1.04
18,758.00	89.80	179.30	10,554.23	-8,623.21	-25.65	8,623.10	0.15	0.11	0.11
18,854.00	90.40	178.60	10,554.07	-8,719.20	-23.89	8,719.08	0.96	0.63	-0.73
18,950.00	90.70	178.40	10,553.14	-8,815.16	-21.38	8,815.05	0.38	0.31	-0.21
19,045.00	90.60	178.30	10,552.07	-8,910.11	-18.64	8,910.02	0.15	-0.11	-0.11
19,141.00	90.60	177.70	10,551.06	-9,006.05	-15.29	9,005.96	0.62	0.00	-0.63
19,237.00	89.90	178.10	10,550.64	-9,101.98	-11.78	9,101.91	0.84	-0.73	0.42
19,333.00	90.90	178.00	10,549.97	-9,197.92	-8.51	9,197.86	1.05	1.04	-0.10
19,429.00	91.10	177.40	10,548.30	-9,293.83	-4.66	9,293.77	0.66	0.21	-0.63
19,525.00	90.60	176.80	10,546.87	-9,389.70	0.20	9,389.65	0.81	-0.52	-0.63
19,621.00	91.30	179.10	10,545.28	-9,485.61	3.63	9,485.58	2.50	0.73	2.40
19,717.00	92.50	179.40	10,542.10	-9,581.55	4.89	9,581.52	1.29	1.25	0.31
19,813.00	92.60	179.10	10,537.83	-9,677.45	6.14	9,677.42	0.33	0.10	-0.31
19,908.00	94.00	179.10	10,532.36	-9,772.28	7.63	9,772.26	1.47	1.47	0.00
20,004.00	94.60	178.60	10,525.16	-9,867.99	9.55	9,867.97	0.81	0.63	-0.52
20,100.00	95.10	178.10	10,517.04	-9,963.60	12.31	9,963.59	0.74	0.52	-0.52
20,196.00	95.30	177.60	10,508.34	-10,059.14	15.90	10,059.14	0.56	0.21	-0.52
20,291.00	95.60	176.90	10,499.32	-10,153.60	20.43	10,153.62	0.80	0.32	-0.74
20,387.00	96.60	176.80	10,489.12	-10,248.91	25.68	10,248.94	1.05	1.04	-0.10
20,411.00	97.20	176.70	10,486.24	-10,272.70	27.03	10,272.73	2.53	2.50	-0.42
20,480.00	97.20	176.70	10,477.59	-10,341.04	30.97	10,341.09	0.00	0.00	0.00



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
BHL - OH PBHL (Bora Bora 13-24 Fed Com 215H)									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,869.00	9,867.68	-58.58	-29.52	KOP	
15,306.91	10,542.82	-5,175.34	-18.75	S13/24 Crossing	
20,480.00	10,477.59	-10,341.04	30.97	BHL	

Checked By: _____ Approved By: _____ Date: _____

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

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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 30-015-46117	² Pool Code 39350	³ Pool Name LIVINGSTON RIDGE; BONE SPRING
⁴ Property Code 325761	⁵ Property Name BORA BORA 13-24 FED COM	⁶ Well Number 215H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3507.0

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
A	13	23 S	31 E		100	NORTH	1180	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
P	24	23 S	31 E		117	SOUTH	1206	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NW CORNER SEC. 13 LAT. = 32.3116999°N LONG. = 103.7400280°W NMSP EAST (FT) N = 477636.10 E = 724631.57 W/4 CORNER SEC. 13 LAT. = 32.3044481°N LONG. = 103.7400341°W NMSP EAST (FT) N = 474997.91 E = 724644.28 SW CORNER SEC. 13 LAT. = 32.2971988°N LONG. = 103.7400387°W NMSP EAST (FT) N = 472360.64 E = 724657.46 W/4 CORNER SEC. 24 LAT. = 32.2899466°N LONG. = 103.7400408°W NMSP EAST (FT) N = 469722.33 E = 724671.41 SW CORNER SEC. 24 LAT. = 32.2826892°N LONG. = 103.7400435°W NMSP EAST (FT) N = 467082.15 E = 724685.18		N89°41'19"E 2636.56 FT N/4 CORNER SEC. 13 LAT. = 32.3116987°N LONG. = 103.7314958°W NMSP EAST (FT) N = 477650.42 E = 727267.52 BORA BORA 13-24 FED COM 215H ELEV. = 3507.0' LAT. = 32.3114209°N (NAD83) LONG. = 103.7267782°W NMSP EAST (FT) N = 477557.50 E = 728725.57 AS-DRILLED 160' FNL, 1210' FEL LAT. = 32.3112569°N LONG. = 103.7268743°W NMSP EAST (FT) N = 477497.66 E = 728696.22 S/4 CORNER SEC. 13 LAT. = 32.2971983°N LONG. = 103.7315037°W NMSP EAST (FT) N = 472375.15 E = 727294.69 S89°41'05"W 2637.85 FT 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 BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAD88. AS-DRILLED 120' FSL, 1207' FEL LAT. = 32.2830019°N LONG. = 103.7268726°W NMSP EAST (FT) N = 467218.67 E = 728756.51 S/4 CORNER SEC. 24 LAT. = 32.2826793°N LONG. = 103.7314127°W NMSP EAST (FT) N = 467093.41 E = 727352.47 S89°45'29"W 2667.88 FT S89°38'30"W 2610.55 FT		NE CORNER SEC. 13 LAT. = 32.3116930°N LONG. = 103.7229595°W NMSP EAST (FT) N = 477663.17 E = 729904.77 E/4 CORNER SEC. 13 LAT. = 32.3044384°N LONG. = 103.7229618°W NMSP EAST (FT) N = 475023.97 E = 729919.08 SE CORNER SEC. 13 LAT. = 32.2971933°N LONG. = 103.7229608°W NMSP EAST (FT) N = 472388.26 E = 729934.39 E/4 CORNER SEC. 24 LAT. = 32.2899379°N LONG. = 103.7229665°W NMSP EAST (FT) N = 469748.78 E = 729947.66 SE CORNER SEC. 24 LAT. = 32.2826837°N LONG. = 103.7229674°W NMSP EAST (FT) N = 467109.74 E = 729962.41	
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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.

Rebecca Deal **10/20/2020**
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dmv.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 knowledge.

NOVEMBER 15, 2018
Date of Survey

FILIMON F. JARAMILLO
Signature and Seal of Professional Surveyor

Certificate Number: **FILIMON F. JARAMILLO, PLS 12797**
SURVEY NO. 6675A

Intent ☐ As Drilled ☒

API # 30-015-46117		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: BORA BORA 13-24 FED COM	Well Number 215H

Kick Off Point (KOP)

UL A	Section 13	Township 23S	Range 31E	Lot	Feet 160	From N/S NORTH	Feet 1210	From E/W EAST	County EDDY
Latitude 32.3112569					Longitude 103.7268743				NAD 83

First Take Point (FTP)

UL A	Section 13	Township 23S	Range 31E	Lot	Feet 711	From N/S NORTH	Feet 1181	From E/W EAST	County EDDY
Latitude 32.3097410					Longitude 103.7267810				NAD 83

Last Take Point (LTP)

UL P	Section 24	Township 23S	Range 31E	Lot	Feet 120	From N/S SOUTH	Feet 1207	From E/W EAST	County EDDY
Latitude 32.2830119					Longitude 103.7268726				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:	Property Name:	Well Number

KZ 06/29/2018

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM0404441

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
BORA BORA 13-24 FED COM 215H9. API Well No.
30-015-46117-00-X110. Field and Pool or Exploratory Area
LIVINGSTON RIDGE11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY

Contact: REBECCA DEAL

E-Mail: Rebecca.Deal@dnv.com

3a. Address

333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-228-8429

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

Sec 13 T23S R31E NENE 100FNL 1180FEL
32.311420 N Lat, 103.726776 W Lon

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

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

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

Revision of Completion Ops Summary to include OCD requested language:

7/29/20 - 9/26/20: MIRU WL & PT csg for 30 min, OK. TOC @ surface. No logs ran. TIH w/pump through frac plug and guns. Perf Bone Spring, 10,733'-20,451'. Frac totals 18,732,461# prop, 810 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 20,461'. CHC, FWB, ND BOP. No tubing ran. TOP.

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

Formation Top Depth
Rustler 866
Top of Salado 1193

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

**Electronic Submission #537324 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COM LP, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 11/16/2020 (21PP0572SE)**

Name (Printed/Typed) REBECCA DEAL

Title REGULATORY COMPLIANCE PROFESSI

Signature (Electronic Submission)

Date 11/13/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 11/19/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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

(Instructions on page 2)

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

Additional data for EC transaction #537324 that would not fit on the form

32. Additional remarks, continued

Base of Salado 4289
Delaware 4527
Bone Spring 8435

Revisions to Operator-Submitted EC Data for Sundry Notice #537324

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF SR	HF SR
Lease:	NMNM0404441	NMNM0404441
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405-228-8429	DEVON ENERGY PRODUCTION COM LP 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405 552 6571
Admin Contact:	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429
Tech Contact:	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY COMPLIANCE PROFESSI E-Mail: Rebecca.Deal@dvn.com Ph: 405-228-8429
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	LIVINGSTON RIDGE; BS	LIVINGSTON RIDGE
Well/Facility:	BORA BORA 13-24 FED COM 215H Sec 13 T23S R31E Mer NMP NENE 100FNL 1180FEL	BORA BORA 13-24 FED COM 215H Sec 13 T23S R31E NENE 100FNL 1180FEL 32.311420 N Lat, 103.726776 W Lon

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				5. Lease Serial No. NMNM0404441	
2. Name of Operator DEVON ENERGY PRODUCTION CO. Contact: REBECCA DEAL Email: rebecca.deal@dmv.com				6. If Indian, Allottee or Tribe Name	
3. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102				7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 13 T23S R31E Mer At top prod interval reported below Sec 13 T23S R31E Mer At total depth Sec 24 T23S R31E Mer SESE 117FSL 1206FEL				8. Lease Name and Well No. BORA BORA 13-24 FED COM 215H 9. API Well No. 30-015-46117	
14. Date Spudded 02/03/2020		15. Date T.D. Reached 02/17/2020		16. Date Completed ☐ D & A ☒ Ready to Prod. 09/26/2020	
18. Total Depth: MD 20480 TVD 10448		19. Plug Back T.D.: MD 20461 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	944		720		0	338
10.625	8.625 P-110	32.0	0	11480		880		3563	0
7.875	5.500 P-110	20.0	0	20465		1195		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10733	20451	10733 TO 20451		1174	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10733 TO 20451	18,732,461# PROP, 810 BBL ACID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/26/2020	10/16/2020	24	→	2142.0	2795.0	5230.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
							1305		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #535132 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	866	1193	BARREN	RUSTLER	866
SALADO	1193	4289	BARREN	SALADO	1193
B/SALT	4289	4527	BARREN	B/SALT	4289
DELAWARE	4527	8435	OIL/GAS	DELAWARE	4527
BONE SPRING	8435		OIL/GAS	BONE SPRING	8435

32. Additional remarks (include plugging procedure):

Cmt Squeeze & Plug following Intermediate String Cement: 2/4/2020-2/22/2020 - LEAD W/690, A CLASS SX, YLD 4.66 CU FT/SK. TAIL W/190 SX A CLASS, YLD 1.39 CU FT/SK. DISP W/697 BBL FRSH WTR. NO CMT RETURNS. CMT SQUEEZE, LEAD W/1790 SX, A CLASS, YLD 1.33. RAN CBL. CMT PLUG, LEAD W/185 SX, CLASS H, YLD 0.97.

See attached as-drilled C-102 and Directional Plan

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #535132 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO, LP, sent to the Carlsbad**

Name (*please print*) REBECCA DEAL Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 10/22/2020

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

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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 30-015-46820	² Pool Code 49622 & 65010	³ Pool Name [49622] PARKWAY;BONE SPRING ; [65010] WINCHESTER;BONE SPRING
⁴ Property Code	⁵ Property Name URANINITE 32-33 STATE FED COM	⁶ Well Number 335H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3291.1'

¹⁰Surface Location

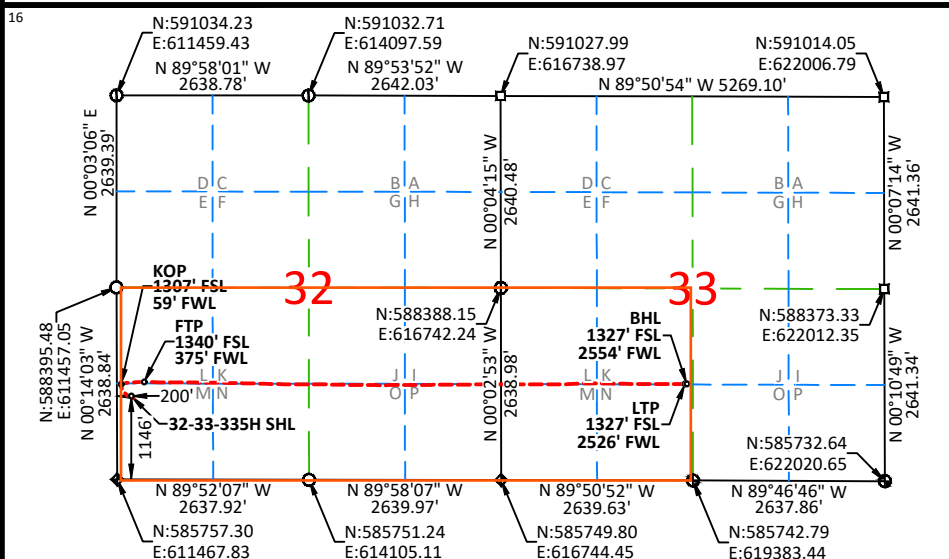
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	19-S	29-E		1146	SOUTH	200	WEST	EDDY

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	33	19-S	29-E		1327	SOUTH	2554	WEST	EDDY

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



URANINITE 32-33 STATE FED COM 335H	KICK OFF POINT	FIRST TAKE POINT	LAST TAKE POINT	BOTTOM HOLE LOCATION
ELEV: 3291.1'	N: 587064.23	N: 587095.63	N: 587069.46	N: 587069.61
LAT: 32.613239°	E: 611521.37	E: 611837.08	E: 619269.39	E: 619296.39
LON: -104.104935°	LAT: 32.613684°	LAT: 32.613768°	LAT: 32.613650°	LAT: 32.613650°
N: 586902.60	LON: -104.105394°	LON: -104.104368°	LON: -104.080231°	LON: -104.080143°
E: 611663.11				

NOTES:

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

LEGEND:

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

¹⁷OPERATOR CERTIFICATION

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

Chelsey Green 11/12/20
Signature Date

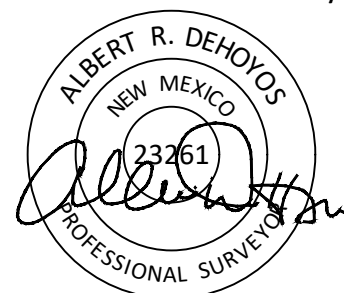
Chelsey Green
Printed Name

chelsey.green@dvn.com
E-mail Address

¹⁸SURVEYOR CERTIFICATION

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

11/06/2020
Date of Survey
Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos
Drawn by: TMW | Checked by: ARD | Date: 11/05/2020

Intent ☐ As Drilled ☒

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

Kick Off Point (KOP)

UL M	Section 32	Township 19-S	Range 29-E	Lot	Feet 1307	From N/S SOUTH	Feet 59	From E/W WEST	County EDDY
Latitude 32.613684°					Longitude -104.105394°			NAD 83	

First Take Point (FTP)

UL L	Section 32	Township 19-S	Range 29-E	Lot	Feet 1340	From N/S SOUTH	Feet 375	From E/W WEST	County EDDY
Latitude 32.613768°					Longitude -104.104368°			NAD 83	

Last Take Point (LTP)

UL K	Section 33	Township 19-S	Range 29-E	Lot	Feet 1327	From N/S SOUTH	Feet 2526	From E/W WEST	County EDDY
Latitude 32.613650°					Longitude -104.080231°			NAD 83	

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

If infill is yes 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



Final MWD Survey Certification

Eddy County, NM

Client: Devon Energy

Well Name: Bora Bora 13-24 Fed Com 215H Pilot Hole

Total Job No: SW-200079

API No: 30-015-46117

Start Date: February 03, 2020

End Date: February 19, 2020

Measured Start Depth: 0 feet

Measured End Depth: 13,255 feet

I, Jesse Yerxa, certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: March 10, 2020

Signed: *Jesse Yerxa*



Devon Energy

Eddy County, NM (NAD83)

Bora Bora 13-24 Fed Com

Bora Bora 13-24 Fed Com 215H

OH

Design: OH

Standard Survey Report

14 March, 2020





Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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

Site		Bora Bora 13-24 Fed Com			
Site Position:		Northing:	477,557.32 usft	Latitude:	32.311421
From:	Map	Easting:	728,695.61 usft	Longitude:	-103.726875
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.32 °

Well	Bora Bora 13-24 Fed Com 215H					
Well Position	+N/-S	0.00 usft	Northing:	477,557.50 usft	Latitude:	32.311421
	+E/-W	0.00 usft	Easting:	728,725.57 usft	Longitude:	-103.726778
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,507.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/7/2020	6.75	60.08	47,709.82009638

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	9,869.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.83	

Survey Program	Date	3/14/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
113.00	9,869.00	Survey #1 (Pilot Hole)	OWSG (Rev2) MWD	OWSG MWD - Standard	
9,908.00	20,411.00	Survey #1 (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
20,465.00	20,480.00	Survey #2 - Proj to TD (OH)	BLIND	OWSG BLIND	

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	
OH SHL (Bora Bora 13-24 Fed Com 215H)										
113.00	0.30	235.90	113.00	-0.17	-0.24	0.17	0.27	0.27	0.00	
208.00	0.60	211.40	208.00	-0.73	-0.71	0.73	0.37	0.32	-25.79	
303.00	0.40	204.40	302.99	-1.46	-1.11	1.45	0.22	-0.21	-7.37	
397.00	0.50	210.40	396.99	-2.11	-1.45	2.10	0.12	0.11	6.38	
491.00	0.30	208.50	490.99	-2.68	-1.77	2.67	0.21	-0.21	-2.02	
586.00	0.30	261.80	585.99	-2.93	-2.14	2.93	0.28	0.00	56.11	
680.00	0.40	245.00	679.98	-3.11	-2.68	3.10	0.15	0.11	-17.87	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
775.00	0.60	259.00	774.98	-3.34	-3.47	3.33	0.25	0.21	14.74
880.00	0.60	278.60	879.98	-3.36	-4.55	3.35	0.19	0.00	18.67
993.00	0.80	283.60	992.97	-3.09	-5.90	3.07	0.18	0.18	4.42
1,088.00	0.60	291.40	1,087.96	-2.75	-7.01	2.73	0.23	-0.21	8.21
1,183.00	0.50	289.50	1,182.96	-2.43	-7.87	2.41	0.11	-0.11	-2.00
1,279.00	0.40	288.20	1,278.95	-2.19	-8.58	2.16	0.10	-0.10	-1.35
1,375.00	0.30	307.00	1,374.95	-1.93	-9.10	1.91	0.16	-0.10	19.58
1,471.00	0.10	300.00	1,470.95	-1.74	-9.37	1.71	0.21	-0.21	-7.29
1,567.00	0.20	246.70	1,566.95	-1.76	-9.60	1.74	0.17	0.10	-55.52
1,662.00	0.30	221.00	1,661.95	-2.02	-9.91	1.99	0.16	0.11	-27.05
1,758.00	0.30	207.40	1,757.95	-2.43	-10.19	2.40	0.07	0.00	-14.17
1,854.00	0.30	213.70	1,853.95	-2.86	-10.45	2.83	0.03	0.00	6.56
1,950.00	0.30	215.00	1,949.95	-3.28	-10.73	3.25	0.01	0.00	1.35
2,046.00	0.30	199.80	2,045.94	-3.72	-10.96	3.69	0.08	0.00	-15.83
2,142.00	0.40	185.60	2,141.94	-4.29	-11.08	4.26	0.14	0.10	-14.79
2,237.00	0.50	189.50	2,236.94	-5.03	-11.18	5.00	0.11	0.11	4.11
2,333.00	0.60	182.80	2,332.93	-5.94	-11.27	5.91	0.12	0.10	-6.98
2,427.00	0.50	180.70	2,426.93	-6.85	-11.30	6.81	0.11	-0.11	-2.23
2,523.00	0.60	168.10	2,522.93	-7.76	-11.20	7.72	0.16	0.10	-13.13
2,618.00	0.60	157.10	2,617.92	-8.70	-10.91	8.67	0.12	0.00	-11.58
2,713.00	0.60	137.20	2,712.92	-9.52	-10.38	9.49	0.22	0.00	-20.95
2,809.00	0.60	127.50	2,808.91	-10.20	-9.64	10.17	0.11	0.00	-10.10
2,904.00	0.80	121.40	2,903.90	-10.85	-8.68	10.82	0.22	0.21	-6.42
2,998.00	0.80	123.30	2,997.89	-11.55	-7.57	11.53	0.03	0.00	2.02
3,094.00	0.80	127.70	3,093.88	-12.33	-6.48	12.31	0.06	0.00	4.58
3,189.00	1.00	100.40	3,188.87	-12.88	-5.14	12.87	0.49	0.21	-28.74
3,285.00	1.10	81.70	3,284.86	-12.90	-3.40	12.89	0.37	0.10	-19.48
3,381.00	0.90	105.00	3,380.84	-12.96	-1.76	12.96	0.47	-0.21	24.27
3,476.00	0.80	109.10	3,475.83	-13.37	-0.41	13.37	0.12	-0.11	4.32
3,572.00	0.70	107.90	3,571.82	-13.77	0.78	13.77	0.11	-0.10	-1.25
3,668.00	0.90	109.30	3,667.82	-14.20	2.05	14.21	0.21	0.21	1.46
3,763.00	2.00	123.90	3,762.78	-15.37	4.13	15.39	1.21	1.16	15.37
3,859.00	2.90	128.10	3,858.69	-17.81	7.43	17.83	0.96	0.94	4.38
3,954.00	2.30	143.20	3,953.60	-20.82	10.46	20.85	0.95	-0.63	15.89
4,050.00	2.00	159.20	4,049.53	-23.92	12.21	23.96	0.70	-0.31	16.67
4,146.00	1.80	161.90	4,145.48	-26.92	13.27	26.96	0.23	-0.21	2.81
4,242.00	1.30	167.50	4,241.44	-29.42	13.98	29.46	0.54	-0.52	5.83
4,338.00	1.00	172.70	4,337.42	-31.31	14.32	31.36	0.33	-0.31	5.42
4,433.00	1.10	182.60	4,432.41	-33.05	14.38	33.09	0.22	0.11	10.42
4,529.00	1.00	193.10	4,528.39	-34.78	14.15	34.83	0.23	-0.10	10.94
4,625.00	1.00	192.90	4,624.38	-36.42	13.78	36.46	0.00	0.00	-0.21
4,721.00	1.00	190.90	4,720.36	-38.05	13.43	38.09	0.04	0.00	-2.08
4,816.00	0.90	192.10	4,815.35	-39.60	13.12	39.64	0.11	-0.11	1.26



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,912.00	0.70	231.50	4,911.34	-40.70	12.50	40.74	0.60	-0.21	41.04
5,008.00	0.70	236.00	5,007.33	-41.39	11.56	41.43	0.06	0.00	4.69
5,104.00	0.70	238.10	5,103.33	-42.03	10.57	42.06	0.03	0.00	2.19
5,199.00	0.70	237.00	5,198.32	-42.65	9.59	42.68	0.01	0.00	-1.16
5,294.00	1.00	267.80	5,293.31	-43.00	8.28	43.03	0.56	0.32	32.42
5,390.00	1.00	270.70	5,389.29	-43.02	6.60	43.04	0.05	0.00	3.02
5,485.00	1.00	275.60	5,484.28	-42.93	4.95	42.95	0.09	0.00	5.16
5,581.00	1.10	272.80	5,580.26	-42.81	3.19	42.82	0.12	0.10	-2.92
5,677.00	1.10	270.80	5,676.25	-42.75	1.35	42.75	0.04	0.00	-2.08
5,772.00	1.20	269.80	5,771.23	-42.74	-0.55	42.74	0.11	0.11	-1.05
5,867.00	1.10	268.20	5,866.21	-42.77	-2.46	42.76	0.11	-0.11	-1.68
5,963.00	0.80	291.20	5,962.19	-42.56	-4.01	42.55	0.50	-0.31	23.96
6,058.00	0.90	293.60	6,057.18	-42.02	-5.31	42.00	0.11	0.11	2.53
6,153.00	0.90	294.20	6,152.17	-41.41	-6.67	41.39	0.01	0.00	0.63
6,248.00	0.80	288.40	6,247.16	-40.90	-7.98	40.88	0.14	-0.11	-6.11
6,344.00	0.80	288.60	6,343.15	-40.47	-9.25	40.45	0.00	0.00	0.21
6,439.00	0.80	282.60	6,438.14	-40.12	-10.53	40.09	0.09	0.00	-6.32
6,534.00	0.80	294.80	6,533.13	-39.69	-11.78	39.66	0.18	0.00	12.84
6,630.00	0.60	288.60	6,629.13	-39.25	-12.86	39.21	0.22	-0.21	-6.46
6,726.00	0.60	293.00	6,725.12	-38.90	-13.80	38.86	0.05	0.00	4.58
6,821.00	0.50	355.20	6,820.12	-38.29	-14.29	38.25	0.60	-0.11	65.47
6,917.00	1.00	24.10	6,916.11	-37.11	-13.99	37.07	0.64	0.52	30.10
7,012.00	1.40	22.10	7,011.09	-35.28	-13.21	35.24	0.42	0.42	-2.11
7,108.00	1.50	19.90	7,107.06	-33.01	-12.34	32.97	0.12	0.10	-2.29
7,203.00	0.90	12.90	7,202.04	-31.11	-11.75	31.08	0.65	-0.63	-7.37
7,298.00	0.30	304.80	7,297.03	-30.24	-11.79	30.21	0.88	-0.63	-71.68
7,394.00	0.30	305.30	7,393.03	-29.95	-12.20	29.92	0.00	0.00	0.52
7,489.00	0.20	303.50	7,488.03	-29.72	-12.54	29.68	0.11	-0.11	-1.89
7,584.00	0.30	271.40	7,583.03	-29.62	-12.93	29.58	0.18	0.11	-33.79
7,679.00	0.30	260.30	7,678.03	-29.66	-13.42	29.62	0.06	0.00	-11.68
7,774.00	0.30	250.10	7,773.03	-29.78	-13.90	29.74	0.06	0.00	-10.74
7,869.00	0.40	239.00	7,868.02	-30.04	-14.42	29.99	0.13	0.11	-11.68
7,964.00	0.50	228.50	7,963.02	-30.48	-15.02	30.44	0.14	0.11	-11.05
8,059.00	0.70	223.30	8,058.02	-31.18	-15.73	31.13	0.22	0.21	-5.47
8,154.00	0.70	222.60	8,153.01	-32.03	-16.52	31.98	0.01	0.00	-0.74
8,250.00	0.70	224.70	8,249.00	-32.88	-17.33	32.83	0.03	0.00	2.19
8,345.00	0.60	216.10	8,344.00	-33.69	-18.03	33.64	0.15	-0.11	-9.05
8,440.00	0.70	206.00	8,438.99	-34.62	-18.57	34.56	0.16	0.11	-10.63
8,535.00	0.70	205.90	8,533.98	-35.66	-19.08	35.60	0.00	0.00	-0.11
8,631.00	0.70	204.50	8,629.98	-36.72	-19.58	36.66	0.02	0.00	-1.46
8,726.00	0.90	218.10	8,724.97	-37.84	-20.28	37.78	0.29	0.21	14.32
8,822.00	1.30	231.90	8,820.95	-39.10	-21.60	39.04	0.50	0.42	14.38
8,917.00	1.60	231.60	8,915.92	-40.59	-23.49	40.52	0.32	0.32	-0.32
9,012.00	1.50	233.80	9,010.88	-42.15	-25.53	42.07	0.12	-0.11	2.32



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
9,106.00	1.40	229.90	9,104.85	-43.61	-27.41	43.53	0.15	-0.11	-4.15
9,201.00	1.40	221.70	9,199.83	-45.23	-29.07	45.14	0.21	0.00	-8.63
9,297.00	1.30	209.00	9,295.80	-47.06	-30.37	46.97	0.33	-0.10	-13.23
9,392.00	1.20	184.80	9,390.78	-48.99	-30.98	48.90	0.56	-0.11	-25.47
9,487.00	1.10	173.50	9,485.76	-50.89	-30.96	50.79	0.26	-0.11	-11.89
9,583.00	1.30	171.10	9,581.74	-52.88	-30.69	52.79	0.21	0.21	-2.50
9,678.00	1.00	168.40	9,676.72	-54.76	-30.35	54.66	0.32	-0.32	-2.84
9,773.00	1.10	166.30	9,771.70	-56.45	-29.97	56.36	0.11	0.11	-2.21
9,869.00	1.50	169.20	9,867.68	-58.58	-29.52	58.49	0.42	0.42	3.02
KOP									
9,896.24	5.83	173.44	9,894.85	-60.31	-29.29	60.22	15.91	15.89	15.57
OH KOP (Bora Bora 13-24 Fed Com 215H)									
9,908.00	7.70	173.80	9,906.53	-61.69	-29.14	61.60	15.91	15.91	3.04
9,939.00	11.80	170.20	9,937.08	-66.88	-28.37	66.79	13.36	13.23	-11.61
9,971.00	15.20	169.60	9,968.19	-74.23	-27.06	74.15	10.63	10.63	-1.88
10,066.00	25.60	177.30	10,057.12	-107.07	-23.84	107.00	11.28	10.95	8.11
10,161.00	32.00	177.30	10,140.33	-152.77	-21.68	152.70	6.74	6.74	0.00
10,256.00	42.20	173.90	10,216.01	-209.79	-17.09	209.74	10.95	10.74	-3.58
10,351.00	48.70	173.50	10,282.62	-277.05	-9.65	277.02	6.85	6.84	-0.42
10,447.00	55.50	177.60	10,341.57	-352.51	-3.91	352.49	7.84	7.08	4.27
10,542.00	63.00	177.90	10,390.11	-434.03	-0.71	434.03	7.90	7.89	0.32
10,638.00	68.20	179.60	10,429.76	-521.40	1.17	521.40	5.65	5.42	1.77
10,733.00	74.20	178.60	10,460.36	-611.28	2.59	611.28	6.39	6.32	-1.05
10,776.21	74.65	178.14	10,471.96	-652.89	3.78	652.90	1.46	1.05	-1.06
OH LP (Bora Bora 13-24 Fed Com 215H)									
10,828.00	75.20	177.60	10,485.43	-702.86	5.63	702.87	1.46	1.05	-1.05
10,923.00	78.10	179.30	10,507.36	-795.24	8.13	795.27	3.51	3.05	1.79
11,018.00	83.60	179.90	10,522.46	-889.00	8.78	889.02	5.82	5.79	0.63
11,114.00	87.40	180.10	10,529.99	-984.68	8.78	984.71	3.96	3.96	0.21
11,209.00	90.10	180.00	10,532.07	-1,079.65	8.69	1,079.67	2.84	2.84	-0.11
11,304.00	91.10	180.30	10,531.07	-1,174.65	8.44	1,174.67	1.10	1.05	0.32
11,399.00	88.50	181.50	10,531.40	-1,269.62	6.95	1,269.64	3.01	-2.74	1.26
11,494.00	88.40	181.20	10,533.97	-1,364.56	4.71	1,364.57	0.33	-0.11	-0.32
11,590.00	87.90	180.20	10,537.07	-1,460.50	3.54	1,460.51	1.16	-0.52	-1.04
11,685.00	89.70	179.90	10,539.06	-1,555.48	3.46	1,555.48	1.92	1.89	-0.32
11,780.00	89.90	178.90	10,539.39	-1,650.47	4.45	1,650.48	1.07	0.21	-1.05
11,876.00	89.80	177.50	10,539.64	-1,746.42	7.47	1,746.44	1.46	-0.10	-1.46
11,971.00	90.10	180.10	10,539.73	-1,841.39	9.46	1,841.41	2.75	0.32	2.74
12,067.00	92.10	180.60	10,537.88	-1,937.37	8.87	1,937.39	2.15	2.08	0.52
12,162.00	90.60	181.20	10,535.65	-2,032.33	7.38	2,032.34	1.70	-1.58	0.63
12,257.00	88.40	182.30	10,536.47	-2,127.27	4.48	2,127.28	2.59	-2.32	1.16
12,353.00	88.40	182.70	10,539.15	-2,223.14	0.29	2,223.13	0.42	0.00	0.42
12,448.00	88.70	182.10	10,541.56	-2,318.03	-3.68	2,318.01	0.71	0.32	-0.63



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
12,543.00	88.50	182.20	10,543.88	-2,412.93	-7.25	2,412.90	0.24	-0.21	0.11
12,638.00	88.50	181.80	10,546.37	-2,507.84	-10.56	2,507.80	0.42	0.00	-0.42
12,734.00	88.30	181.00	10,549.05	-2,603.78	-12.90	2,603.72	0.86	-0.21	-0.83
12,828.00	90.60	180.30	10,549.95	-2,697.76	-13.97	2,697.70	2.56	2.45	-0.74
12,924.00	91.70	180.40	10,548.02	-2,793.74	-14.56	2,793.68	1.15	1.15	0.10
13,019.00	88.90	180.20	10,547.53	-2,888.72	-15.05	2,888.67	2.95	-2.95	-0.21
13,115.00	88.40	179.80	10,549.79	-2,984.70	-15.05	2,984.64	0.67	-0.52	-0.42
13,210.00	89.90	179.60	10,551.20	-3,079.68	-14.56	3,079.62	1.59	1.58	-0.21
13,305.00	90.40	178.10	10,550.95	-3,174.66	-12.65	3,174.61	1.66	0.53	-1.58
13,400.00	91.40	178.90	10,549.46	-3,269.61	-10.16	3,269.57	1.35	1.05	0.84
13,495.00	92.40	179.50	10,546.31	-3,364.55	-8.84	3,364.51	1.23	1.05	0.63
13,591.00	91.50	180.80	10,543.04	-3,460.49	-9.09	3,460.45	1.65	-0.94	1.35
13,686.00	90.70	179.80	10,541.21	-3,555.47	-9.59	3,555.43	1.35	-0.84	-1.05
13,782.00	89.90	179.10	10,540.71	-3,651.46	-8.66	3,651.42	1.11	-0.83	-0.73
13,878.00	89.80	178.50	10,540.96	-3,747.44	-6.65	3,747.40	0.63	-0.10	-0.63
13,973.00	88.70	177.30	10,542.21	-3,842.37	-3.17	3,842.34	1.71	-1.16	-1.26
14,069.00	89.80	178.40	10,543.46	-3,938.29	0.43	3,938.27	1.62	1.15	1.15
14,164.00	89.40	178.40	10,544.13	-4,033.25	3.08	4,033.24	0.42	-0.42	0.00
14,259.00	89.50	178.10	10,545.04	-4,128.20	5.98	4,128.20	0.33	0.11	-0.32
14,355.00	90.70	179.60	10,544.87	-4,224.17	7.91	4,224.18	2.00	1.25	1.56
14,451.00	91.30	180.10	10,543.20	-4,320.16	8.16	4,320.16	0.81	0.63	0.52
14,547.00	91.50	179.70	10,540.85	-4,416.13	8.33	4,416.14	0.47	0.21	-0.42
14,643.00	89.40	180.70	10,540.10	-4,512.12	7.99	4,512.12	2.42	-2.19	1.04
14,738.00	90.30	180.50	10,540.35	-4,607.11	7.00	4,607.11	0.97	0.95	-0.21
14,834.00	91.20	182.50	10,539.09	-4,703.07	4.48	4,703.06	2.28	0.94	2.08
14,930.00	88.80	183.00	10,539.09	-4,798.95	-0.12	4,798.93	2.55	-2.50	0.52
15,026.00	89.30	183.30	10,540.68	-4,894.79	-5.40	4,894.75	0.61	0.52	0.31
15,122.00	90.40	183.90	10,540.93	-4,990.60	-11.42	4,990.54	1.31	1.15	0.63
15,217.00	88.80	181.40	10,541.59	-5,085.48	-15.82	5,085.41	3.12	-1.68	-2.63
15,306.91	89.64	182.34	10,542.82	-5,175.34	-18.75	5,175.26	1.40	0.94	1.04
S13/24 Crossing									
15,313.00	89.70	182.40	10,542.85	-5,181.42	-19.00	5,181.34	1.40	0.94	1.04
15,409.00	88.70	181.60	10,544.19	-5,277.35	-22.35	5,277.26	1.33	-1.04	-0.83
15,505.00	88.90	180.90	10,546.20	-5,373.31	-24.44	5,373.21	0.76	0.21	-0.73
15,601.00	89.30	180.90	10,547.71	-5,469.28	-25.95	5,469.18	0.42	0.42	0.00
15,697.00	88.90	180.20	10,549.22	-5,565.27	-26.87	5,565.16	0.84	-0.42	-0.73
15,792.00	89.80	180.90	10,550.30	-5,660.25	-27.78	5,660.14	1.20	0.95	0.74
15,888.00	92.70	183.40	10,548.20	-5,756.14	-31.38	5,756.03	3.99	3.02	2.60
15,984.00	89.60	182.60	10,546.27	-5,851.98	-36.40	5,851.85	3.33	-3.23	-0.83
16,080.00	89.40	180.30	10,547.11	-5,947.94	-38.83	5,947.80	2.40	-0.21	-2.40
16,176.00	89.30	180.00	10,548.20	-6,043.93	-39.08	6,043.79	0.33	-0.10	-0.31
16,272.00	92.10	182.90	10,547.03	-6,139.88	-41.51	6,139.72	4.20	2.92	3.02
16,364.00	89.80	182.50	10,545.50	-6,231.76	-45.85	6,231.59	2.54	-2.50	-0.43
16,460.00	87.30	180.00	10,547.93	-6,327.69	-47.94	6,327.51	3.68	-2.60	-2.60



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
16,555.00	88.40	177.90	10,551.50	-6,422.60	-46.20	6,422.43	2.49	1.16	-2.21
16,651.00	89.10	178.00	10,553.59	-6,518.51	-42.77	6,518.35	0.74	0.73	0.10
16,747.00	88.50	177.90	10,555.60	-6,614.43	-39.33	6,614.28	0.63	-0.63	-0.10
16,842.00	90.90	176.30	10,556.10	-6,709.30	-34.53	6,709.16	3.04	2.53	-1.68
16,938.00	90.10	175.30	10,555.26	-6,805.03	-27.50	6,804.92	1.33	-0.83	-1.04
17,034.00	89.90	175.80	10,555.26	-6,900.74	-20.05	6,900.65	0.56	-0.21	0.52
17,130.00	92.50	177.60	10,553.25	-6,996.55	-14.52	6,996.48	3.29	2.71	1.88
17,226.00	91.60	176.90	10,549.82	-7,092.38	-9.92	7,092.32	1.19	-0.94	-0.73
17,321.00	91.50	178.80	10,547.25	-7,187.27	-6.36	7,187.22	2.00	-0.11	2.00
17,417.00	90.60	177.80	10,545.49	-7,283.21	-3.51	7,283.17	1.40	-0.94	-1.04
17,513.00	92.30	181.50	10,543.06	-7,379.16	-2.92	7,379.12	4.24	1.77	3.85
17,609.00	93.40	181.20	10,538.28	-7,475.01	-5.18	7,474.96	1.19	1.15	-0.31
17,704.00	91.70	181.90	10,534.06	-7,569.88	-7.75	7,569.82	1.93	-1.79	0.74
17,800.00	87.90	181.40	10,534.39	-7,665.82	-10.51	7,665.75	3.99	-3.96	-0.52
17,896.00	87.30	180.20	10,538.41	-7,761.72	-11.85	7,761.65	1.40	-0.63	-1.25
17,992.00	90.90	182.00	10,539.92	-7,857.67	-13.70	7,857.60	4.19	3.75	1.88
18,088.00	90.90	182.20	10,538.41	-7,953.60	-17.21	7,953.51	0.21	0.00	0.21
18,183.00	88.30	181.40	10,539.08	-8,048.54	-20.20	8,048.44	2.86	-2.74	-0.84
18,279.00	88.70	181.00	10,541.59	-8,144.49	-22.21	8,144.38	0.59	0.42	-0.42
18,375.00	88.30	181.30	10,544.10	-8,240.43	-24.13	8,240.32	0.52	-0.42	0.31
18,471.00	87.70	181.20	10,547.45	-8,336.35	-26.23	8,336.24	0.63	-0.63	-0.10
18,567.00	87.50	180.20	10,551.47	-8,432.26	-27.40	8,432.14	1.06	-0.21	-1.04
18,663.00	89.70	179.20	10,553.82	-8,528.22	-26.89	8,528.10	2.52	2.29	-1.04
18,758.00	89.80	179.30	10,554.23	-8,623.21	-25.65	8,623.10	0.15	0.11	0.11
18,854.00	90.40	178.60	10,554.07	-8,719.20	-23.89	8,719.08	0.96	0.63	-0.73
18,950.00	90.70	178.40	10,553.14	-8,815.16	-21.38	8,815.05	0.38	0.31	-0.21
19,045.00	90.60	178.30	10,552.07	-8,910.11	-18.64	8,910.02	0.15	-0.11	-0.11
19,141.00	90.60	177.70	10,551.06	-9,006.05	-15.29	9,005.96	0.62	0.00	-0.63
19,237.00	89.90	178.10	10,550.64	-9,101.98	-11.78	9,101.91	0.84	-0.73	0.42
19,333.00	90.90	178.00	10,549.97	-9,197.92	-8.51	9,197.86	1.05	1.04	-0.10
19,429.00	91.10	177.40	10,548.30	-9,293.83	-4.66	9,293.77	0.66	0.21	-0.63
19,525.00	90.60	176.80	10,546.87	-9,389.70	0.20	9,389.65	0.81	-0.52	-0.63
19,621.00	91.30	179.10	10,545.28	-9,485.61	3.63	9,485.58	2.50	0.73	2.40
19,717.00	92.50	179.40	10,542.10	-9,581.55	4.89	9,581.52	1.29	1.25	0.31
19,813.00	92.60	179.10	10,537.83	-9,677.45	6.14	9,677.42	0.33	0.10	-0.31
19,908.00	94.00	179.10	10,532.36	-9,772.28	7.63	9,772.26	1.47	1.47	0.00
20,004.00	94.60	178.60	10,525.16	-9,867.99	9.55	9,867.97	0.81	0.63	-0.52
20,100.00	95.10	178.10	10,517.04	-9,963.60	12.31	9,963.59	0.74	0.52	-0.52
20,196.00	95.30	177.60	10,508.34	-10,059.14	15.90	10,059.14	0.56	0.21	-0.52
20,291.00	95.60	176.90	10,499.32	-10,153.60	20.43	10,153.62	0.80	0.32	-0.74
20,387.00	96.60	176.80	10,489.12	-10,248.91	25.68	10,248.94	1.05	1.04	-0.10
20,411.00	97.20	176.70	10,486.24	-10,272.70	27.03	10,272.73	2.53	2.50	-0.42
20,480.00	97.20	176.70	10,477.59	-10,341.04	30.97	10,341.09	0.00	0.00	0.00



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Bora Bora 13-24 Fed Com 215H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3507' GE + 30' KB @ 3537.00usft
Site:	Bora Bora 13-24 Fed Com	MD Reference:	3507' GE + 30' KB @ 3537.00usft
Well:	Bora Bora 13-24 Fed Com 215H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

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)
BHL - OH PBHL (Bora Bora 13-24 Fed Com 215H)									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,869.00	9,867.68	-58.58	-29.52	KOP	
15,306.91	10,542.82	-5,175.34	-18.75	S13/24 Crossing	
20,480.00	10,477.59	-10,341.04	30.97	BHL	

Checked By: _____ Approved By: _____ Date: _____

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM90807

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

URANINITE 32-33 STATE FED COM 335H

2. Name of Operator

Contact: CHELSEY GREEN

DEVON ENERGY PRODUCTION COMPANY
E-MAIL: CHELSEY.GREEN@DVN.COM

9. API Well No.

30-015-46820-00-X1

3a. Address

6488 SEVEN RIVERS HIGHWAY
ARTESIA, NM 88210

3b. Phone No. (include area code)

Ph: 405-228-8595

10. Field and Pool or Exploratory Area

WINCHESTER-BONE SPRING

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

Sec 32 T19S R29E SWSW 1146FSL 200FWL
32.613239 N Lat, 104.104935 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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

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

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

COMPLETION SUMMARY

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

8/23/20 ? 9/24/20: MIRU WL & PT. TIH PT csg 8500 psi for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 9,037'-16,475'. Frac totals 11494000# prop, 20 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTB 16,489'. CHC, FWB, ND BOP. RIH w/271 jts 2-7/8" L-80 tbg, set @ 8825'. TOP.

Formation Top Depth

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

**Electronic Submission #539969 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/09/2020 (21PP0867SE)**

Name (Printed/Typed) CHELSEY GREEN

Title REGULATORY PROFESSIONAL

Signature (Electronic Submission)

Date 12/08/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 12/21/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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

(Instructions on page 2)

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

Additional data for EC transaction #539969 that would not fit on the form

32. Additional remarks, continued

RUSTLER	40
SALADO	428
DELAWARE	3197
BONE SPRING	5012

Revisions to Operator-Submitted EC Data for Sundry Notice #539969

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF SR	HF SR
Lease:	NMNM90807	NMNM90807
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 W SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405-228-8595	DEVON ENERGY PRODUCTION COMPAN 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88210 Ph: 575.748.3371
Admin Contact:	CHELSEY GREEN REGULATORY COMPLIANCE PROFESSI E-Mail: Chelsey.Green@dvn.com Ph: 405.228.8595	CHELSEY GREEN REGULATORY PROFESSIONAL E-Mail: CHELSEY.GREEN@DVN.COM Ph: 405-228-8595
Tech Contact:	CHELSEY GREEN REGULATORY COMPLIANCE PROFESSI E-Mail: Chelsey.Green@dvn.com Ph: 405.228.8595	CHELSEY GREEN REGULATORY PROFESSIONAL E-Mail: CHELSEY.GREEN@DVN.COM Ph: 405-228-8595
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PARKWAY;BS: WINCHESTER;BS	WINCHESTER-BONE SPRING
Well/Facility:	URANINITE 32-33 STATE FED COM 335H Sec 32 T19S R29E 1146FSL 200FWL	URANINITE 32-33 STATE FED COM 335H Sec 32 T19S R29E SWSW 1146FSL 200FWL 32.613239 N Lat, 104.104935 W Lon

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

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

CONDITIONS

Action 15434

CONDITIONS OF APPROVAL

Operator: DEVON ENERGY PRODUCTION COMPAN 333 West Sheridan Ave. Oklahoma City, OK73102			OGRID: 6137	Action Number: 15434	Action Type: C-104C
OCD Reviewer			Condition		
ksimmons			None		