

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 / 6/9/21
⁴ API Number 30-015-47287	⁵ Pool Name James Ranch; Bone Spring, East	⁶ Pool Code 96919
⁷ Property Code 328888	⁸ Property Name Galapagos 14-26 Fed Com	⁹ Well Number 211H

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
D	14	23S	31E		450	North	509	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	26	23S	31E		97	South	752	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/9/21	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 1/2/21	²² Ready Date 6/9/21	²³ TD 25,612'	²⁴ PBDT 25,599'	²⁵ Perforations 10,256' - 25,590'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	841'	650 sx CIC; Circ 284 sx		
12.25	10.75	4446'	690 sx CIC; Circ 183 sx		
9.875	8.625	8437'	730 sx cmt; Circ 227 sx		
7.875	5.5	25602'	2390 sx CIH; Circ 489 sx		

V. Well Test Data

³¹ Date New Oil 7/13/21	³² Gas Delivery Date 7/13/21	³³ Test Date 7/13/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 2526 bbl	³⁹ Water 4418 bbl	⁴⁰ Gas 2914 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: Rebecca Deal Printed name: Rebecca Deal Regulatory Title: Specialist E-mail Address: Rebecca.deal@divn.com Date: 7/15/2021 OIL CONSERVATION DIVISION Approved by: KURT SIMMONS Title: NMOCD, SANTA FE Approval Date: 07/15/2021
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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 AS-DRILLED

¹ API Number 30-015-47287	² Pool Code [96919]	³ Pool Name JAMES RANCH BONE SPRING, EAST
⁴ Property Code 328888	⁵ Property Name GALAPAGOS 14-26 FED COM	⁶ Well Number 211H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3432.5

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	23 S	31 E		450	NORTH	509	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	26	23 S	31 E		97	SOUTH	752	WEST	EDDY

¹² Dedicated Acres 960	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. 14 LAT. = 32.3117463°N LONG. = 103.751237°W NMSP EAST (FT) N = 477624.13 E = 719349.92 W/4 CORNER SEC. 14 LAT. = 32.304903°N LONG. = 103.751229°W NMSP EAST (FT) N = 474984.45 E = 719364.35 SECTION CORNER LAT. = 32.2972317°N LONG. = 103.751232°W NMSP EAST (FT) N = 472343.83 E = 719378.44 W/4 CORNER SEC. 23 LAT. = 32.2899722°N LONG. = 103.751228°W NMSP EAST (FT) N = 469702.87 E = 719392.74 SECTION CORNER LAT. = 32.2827133°N LONG. = 103.751239°W NMSP EAST (FT) N = 467062.12 E = 719406.62 W/4 CORNER SEC. 26 LAT. = 32.2754499°N LONG. = 103.751222°W NMSP EAST (FT) N = 464419.78 E = 719421.33 SW CORNER SEC. 26 LAT. = 32.2681917°N LONG. = 103.751229°W NMSP EAST (FT) N = 461779.31 E = 719435.27		N/4 CORNER SEC. 14 LAT. = 32.3117253°N LONG. = 103.7485813°W NMSP EAST (FT) N = 477630.81 E = 721989.05 E/4 CORNER SEC. 14 LAT. = 32.3044481°N LONG. = 103.7400341°W NMSP EAST (FT) N = 474997.91 E = 724644.28 SECTION CORNER LAT. = 32.2971988°N LONG. = 103.7400387°W NMSP EAST (FT) N = 472360.84 E = 724657.46 E/4 CORNER SEC. 23 LAT. = 32.2899466°N LONG. = 103.7400405°W NMSP EAST (FT) N = 469722.36 E = 724671.49 SECTION CORNER LAT. = 32.2826901°N LONG. = 103.7400438°W NMSP EAST (FT) N = 467082.47 E = 724685.09 E/4 CORNER SEC. 26 LAT. = 32.2754311°N LONG. = 103.7400448°W NMSP EAST (FT) N = 464441.71 E = 724699.37 SE CORNER SEC. 26 LAT. = 32.2681719°N LONG. = 103.7400495°W NMSP EAST (FT) N = 461800.87 E = 724712.60		17 OPERATOR CERTIFICATION <i>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>  6-22-2021 Signature Date JENNY HARMS Printed Name JENNY.HARMS@DVN.COM E-mail Address	
18 SURVEYOR CERTIFICATION <i>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.</i> JUNE 17, 2021 Date of Survey  Signature and Seal of Professional Surveyor: Certificate Number: 12797 SURVEY NO. 7895A		AS-DRILLED SEC. 23 SEC. 26 LAST TAKE POINT 119' FSL, 752' FWL LAT. = 32.2685157°N LONG. = 103.7546909°W BOTTOM OF HOLE LAT. = 32.2684555°N LONG. = 103.7546904°W NMSP EAST (FT) N = 461879.32 E = 720186.63 LTP BOTTOM OF HOLE 752' SCALED S/4 CORNER SEC. 26 LAT. = 32.2681917°N LONG. = 103.751229°W NMSP EAST (FT) N = 461779.31 E = 719435.27			

Intent ☐ As Drilled ☒

API # 30-015-47287		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: GALAPAGOS 14-26 FED COM	Well Number 211H

Kick Off Point (KOP)

UL D	Section 14	Township 23S	Range 31E	Lot	Feet 110	From N/S NORTH	Feet 780	From E/W WEST	County EDDY
Latitude 32.3114385					Longitude 103.7545991				NAD 83

First Take Point (FTP)

UL D	Section 14	Township 23S	Range 31E	Lot	Feet 410	From N/S NORTH	Feet 834	From E/W WEST	County EDDY
Latitude 32.3106121					Longitude 103.7544259				NAD 83

Last Take Point (LTP)

UL M	Section 26	Township 23S	Range 31E	Lot	Feet 119	From N/S SOUTH	Feet 752	From E/W WEST	County EDDY
Latitude 32.2685157					Longitude 103.7546909				NAD 83

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

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

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: GALAPAGOS 14-26 FED COM	Well Number 212H

KZ 06/29/2018



Final MWD Survey Certification

County, New Mexico

Client: Devon Energy

Well Name: Galapagos 14-26 Fed Com 211H

Total Job No: SW-200702

API No: 30-015-47287

Start Date: 01/02/2021

End Date: 2/13/2021

Start Depth: 0'

End Depth: 25,612'

Vertical Section from well center at TD: 15302.95'

I, Collin Estep, hereby 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.

Signed: *Collin Estep*



Devon Energy

Eddy County, NM (NAD83)

Galapagos 14-26 Fed Com

Galapagos 14-26 Fed Com 211H

OH

Design: OH

Standard Survey Report

22 February, 2021





Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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		Galapagos 14-26 Fed Com			
Site Position:		Northing:	477,175.49 usft	Latitude:	32.310506
From:	Map	Easting:	719,861.35 usft	Longitude:	-103.755476
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.31 °

Well	Galapagos 14-26 Fed Com 211H					
Well Position	+N/-S	0.00 usft	Northing:	477,175.49 usft	Latitude:	32.310506
	+E/-W	0.00 usft	Easting:	719,861.35 usft	Longitude:	-103.755476
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,432.50 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/15/2020	6.70	59.97	47,577.98501590

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	178.78	

Survey Program	Date	2/22/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
179.00	25,555.00	Survey #1 - MWD (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
25,612.00	25,612.00	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	
SHL (Galapagos 14-26 Fed Com 211H)										
179.00	0.80	277.40	178.99	0.16	-1.24	-0.19	0.45	0.45	0.00	
273.00	0.90	279.50	272.98	0.37	-2.62	-0.42	0.11	0.11	2.23	
367.00	1.00	276.60	366.97	0.58	-4.16	-0.67	0.12	0.11	-3.09	
461.00	1.00	284.90	460.96	0.89	-5.77	-1.01	0.15	0.00	8.83	
554.00	1.00	288.00	553.94	1.35	-7.32	-1.50	0.06	0.00	3.33	
648.00	0.90	297.50	647.93	1.94	-8.76	-2.13	0.20	-0.11	10.11	
742.00	1.10	297.90	741.92	2.71	-10.21	-2.92	0.21	0.21	0.43	
772.00	1.00	301.40	771.91	2.98	-10.69	-3.20	0.40	-0.33	11.67	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)
891.00	0.80	293.20	890.90	3.84	-12.34	-4.11	0.20	-0.17	-6.89
984.00	0.90	301.10	983.89	4.48	-13.56	-4.77	0.17	0.11	8.49
1,078.00	1.10	10.30	1,077.87	5.75	-14.03	-6.04	1.22	0.21	73.62
1,171.00	1.60	35.60	1,170.85	7.68	-13.12	-7.96	0.82	0.54	27.20
1,265.00	2.60	42.90	1,264.78	10.31	-10.90	-10.54	1.10	1.06	7.77
1,359.00	3.70	48.20	1,358.64	13.89	-7.19	-14.04	1.21	1.17	5.64
1,452.00	5.00	45.80	1,451.37	18.72	-2.05	-18.76	1.41	1.40	-2.58
1,547.00	4.90	49.90	1,546.02	24.22	4.02	-24.13	0.39	-0.11	4.32
1,643.00	4.40	53.20	1,641.70	29.07	10.11	-28.84	0.59	-0.52	3.44
1,739.00	4.80	53.70	1,737.39	33.65	16.30	-33.30	0.42	0.42	0.52
1,834.00	4.70	52.40	1,832.07	38.38	22.58	-37.89	0.15	-0.11	-1.37
1,930.00	4.30	52.30	1,927.77	42.98	28.55	-42.36	0.42	-0.42	-0.10
2,025.00	4.70	47.30	2,022.48	47.80	34.22	-47.06	0.59	0.42	-5.26
2,121.00	4.30	45.20	2,118.18	53.00	39.67	-52.14	0.45	-0.42	-2.19
2,217.00	4.50	41.00	2,213.90	58.38	44.69	-57.41	0.39	0.21	-4.38
2,312.00	4.30	40.80	2,308.62	63.89	49.47	-62.82	0.21	-0.21	-0.21
2,408.00	4.60	43.80	2,404.33	69.39	54.48	-68.21	0.40	0.31	3.13
2,503.00	4.80	41.10	2,499.01	75.13	59.73	-73.85	0.31	0.21	-2.84
2,599.00	4.40	42.30	2,594.70	80.88	64.85	-79.49	0.43	-0.42	1.25
2,694.00	4.20	40.00	2,689.43	86.24	69.54	-84.75	0.28	-0.21	-2.42
2,790.00	3.90	40.10	2,785.19	91.43	73.90	-89.84	0.31	-0.31	0.10
2,885.00	4.30	38.00	2,879.95	96.71	78.17	-95.03	0.45	0.42	-2.21
2,981.00	5.00	38.00	2,975.63	102.84	82.97	-101.06	0.73	0.73	0.00
3,076.00	4.30	38.50	3,070.32	108.89	87.73	-107.00	0.74	-0.74	0.53
3,172.00	3.90	41.50	3,166.07	114.16	92.14	-112.17	0.47	-0.42	3.13
3,268.00	3.90	40.70	3,261.85	119.08	96.43	-117.00	0.06	0.00	-0.83
3,363.00	4.50	38.50	3,356.60	124.44	100.85	-122.27	0.65	0.63	-2.32
3,459.00	5.10	37.20	3,452.26	130.79	105.78	-128.51	0.64	0.63	-1.35
3,555.00	5.30	38.80	3,547.86	137.64	111.14	-135.25	0.26	0.21	1.67
3,650.00	4.80	49.70	3,642.50	143.63	116.92	-141.11	1.14	-0.53	11.47
3,746.00	4.40	61.80	3,738.19	147.97	123.23	-145.32	1.09	-0.42	12.60
3,842.00	4.00	61.30	3,833.93	151.32	129.41	-148.53	0.42	-0.42	-0.52
3,937.00	3.40	70.50	3,928.73	153.85	134.97	-150.95	0.89	-0.63	9.68
4,033.00	3.20	66.50	4,024.58	155.87	140.11	-152.86	0.32	-0.21	-4.17
4,129.00	3.70	48.90	4,120.40	158.97	144.90	-155.86	1.21	0.52	-18.33
4,227.00	4.70	35.50	4,218.14	164.32	149.62	-161.10	1.42	1.02	-13.67
4,320.00	5.10	35.40	4,310.80	170.79	154.22	-167.48	0.43	0.43	-0.11
4,401.00	4.20	33.50	4,391.53	176.20	157.95	-172.80	1.13	-1.11	-2.35
4,507.00	4.20	33.80	4,497.25	182.66	162.25	-179.17	0.02	0.00	0.28
4,603.00	4.20	32.10	4,592.99	188.56	166.07	-184.99	0.13	0.00	-1.77
4,699.00	4.10	30.40	4,688.74	194.50	169.68	-190.85	0.17	-0.10	-1.77
4,794.00	4.00	28.80	4,783.50	200.33	172.99	-196.61	0.16	-0.11	-1.68
4,890.00	4.00	28.40	4,879.27	206.21	176.20	-202.42	0.03	0.00	-0.42



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)	
4,986.00	4.80	35.50	4,974.99	212.43	180.12	-208.55	1.01	0.83	7.40	
5,081.00	5.10	37.10	5,069.63	219.03	184.98	-215.05	0.35	0.32	1.68	
5,176.00	5.10	36.60	5,164.26	225.79	190.04	-221.70	0.05	0.00	-0.53	
5,272.00	5.10	33.90	5,259.88	232.76	194.97	-228.56	0.25	0.00	-2.81	
5,367.00	5.00	34.30	5,354.51	239.68	199.66	-235.38	0.11	-0.11	0.42	
5,463.00	4.90	32.40	5,450.15	246.60	204.21	-242.20	0.20	-0.10	-1.98	
5,558.00	4.80	33.20	5,544.81	253.35	208.56	-248.86	0.13	-0.11	0.84	
5,654.00	4.70	31.80	5,640.48	260.05	212.83	-255.47	0.16	-0.10	-1.46	
5,749.00	4.60	31.90	5,735.17	266.60	216.90	-261.93	0.11	-0.11	0.11	
5,845.00	4.80	31.80	5,830.84	273.28	221.05	-268.52	0.21	0.21	-0.10	
5,940.00	4.60	29.40	5,925.52	279.98	225.01	-275.13	0.30	-0.21	-2.53	
6,036.00	4.60	28.80	6,021.21	286.70	228.76	-281.77	0.05	0.00	-0.63	
6,131.00	4.40	29.70	6,115.92	293.21	232.40	-288.20	0.22	-0.21	0.95	
6,227.00	4.20	29.10	6,211.65	299.48	235.93	-294.39	0.21	-0.21	-0.63	
6,322.00	4.10	28.50	6,306.40	305.50	239.24	-300.35	0.11	-0.11	-0.63	
6,418.00	3.60	38.70	6,402.19	310.87	242.76	-305.64	0.88	-0.52	10.63	
6,513.00	3.60	48.70	6,497.00	315.17	246.87	-309.85	0.66	0.00	10.53	
6,609.00	2.60	60.20	6,592.86	318.24	251.02	-312.83	1.22	-1.04	11.98	
6,705.00	2.00	72.90	6,688.78	319.81	254.51	-314.33	0.82	-0.63	13.23	
6,801.00	1.60	76.00	6,784.73	320.63	257.42	-315.08	0.43	-0.42	3.23	
6,896.00	1.50	77.80	6,879.70	321.21	259.92	-315.61	0.12	-0.11	1.89	
6,992.00	1.50	71.80	6,975.67	321.87	262.34	-316.22	0.16	0.00	-6.25	
7,087.00	1.20	68.30	7,070.64	322.63	264.45	-316.93	0.33	-0.32	-3.68	
7,183.00	1.20	69.70	7,166.62	323.35	266.32	-317.61	0.03	0.00	1.46	
7,279.00	1.10	58.90	7,262.60	324.17	268.05	-318.40	0.25	-0.10	-11.25	
7,374.00	0.80	71.90	7,357.59	324.85	269.47	-319.05	0.39	-0.32	13.68	
7,469.00	0.70	79.70	7,452.58	325.16	270.67	-319.33	0.15	-0.11	8.21	
7,565.00	0.40	80.70	7,548.57	325.32	271.57	-319.47	0.31	-0.31	1.04	
7,660.00	0.30	77.10	7,643.57	325.43	272.14	-319.57	0.11	-0.11	-3.79	
7,756.00	0.30	145.10	7,739.57	325.28	272.53	-319.41	0.35	0.00	70.83	
7,852.00	0.30	214.10	7,835.57	324.86	272.54	-318.99	0.35	0.00	71.88	
7,947.00	0.40	198.30	7,930.57	324.34	272.29	-318.48	0.15	0.11	-16.63	
8,043.00	0.30	204.90	8,026.57	323.80	272.08	-317.94	0.11	-0.10	6.88	
8,138.00	0.50	351.20	8,121.57	323.98	271.91	-318.13	0.81	0.21	154.00	
8,233.00	0.80	8.90	8,216.56	325.04	271.95	-319.19	0.38	0.32	18.63	
8,328.00	1.00	22.30	8,311.55	326.47	272.37	-320.60	0.30	0.21	14.11	
8,393.00	1.00	20.50	8,376.54	327.52	272.78	-321.65	0.05	0.00	-2.77	
8,551.00	0.80	15.40	8,534.52	329.88	273.56	-323.99	0.14	-0.13	-3.23	
8,647.00	0.90	29.70	8,630.51	331.18	274.11	-325.28	0.24	0.10	14.90	
8,743.00	0.80	57.40	8,726.50	332.19	275.05	-326.27	0.44	-0.10	28.85	
8,838.00	0.60	23.40	8,821.49	333.01	275.81	-327.07	0.48	-0.21	-35.79	
8,934.00	0.40	310.80	8,917.49	333.69	275.75	-327.75	0.64	-0.21	-75.63	
9,030.00	1.10	318.60	9,013.48	334.60	274.89	-328.68	0.74	0.73	8.13	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)
9,125.00	0.80	323.30	9,108.47	335.81	273.89	-329.92	0.33	-0.32	4.95
9,221.00	1.20	325.30	9,204.45	337.18	272.92	-331.30	0.42	0.42	2.08
9,317.00	1.00	313.70	9,300.43	338.58	271.74	-332.73	0.31	-0.21	-12.08
9,412.00	1.00	313.70	9,395.42	339.73	270.54	-333.90	0.00	0.00	0.00
9,508.00	0.60	333.00	9,491.41	340.76	269.71	-334.94	0.50	-0.42	20.10
9,603.00	0.80	337.50	9,586.40	341.81	269.23	-336.01	0.22	0.21	4.74
KOP									
9,699.00	5.70	181.00	9,682.26	337.66	268.89	-331.87	6.71	5.10	-163.02
9,794.00	14.90	180.10	9,775.63	320.69	268.78	-314.91	9.69	9.68	-0.95
9,890.00	24.90	171.80	9,865.80	288.26	271.65	-282.42	10.80	10.42	-8.65
9,985.00	33.80	168.20	9,948.53	242.50	279.92	-236.50	9.55	9.37	-3.79
10,081.00	44.80	167.20	10,022.71	183.20	292.92	-176.93	11.48	11.46	-1.04
10,176.00	57.50	166.10	10,082.18	111.38	310.03	-104.76	13.40	13.37	-1.16
10,272.00	72.50	170.80	10,122.65	26.37	327.18	-19.40	16.24	15.63	4.90
10,367.00	87.10	179.10	10,139.46	-66.45	335.22	73.56	17.60	15.37	8.74
10,463.00	89.20	182.00	10,142.56	-162.38	334.30	169.45	3.73	2.19	3.02
10,477.89	89.14	182.05	10,142.77	-177.26	333.77	184.32	0.53	-0.42	0.32
LP (Galapagos 14-26 Fed Com 211H)									
10,558.00	88.80	182.30	10,144.21	-257.29	330.74	264.27	0.53	-0.42	0.32
10,654.00	88.10	183.00	10,146.81	-353.15	326.30	360.01	1.03	-0.73	0.73
10,749.00	88.90	181.40	10,149.30	-448.05	322.66	454.81	1.88	0.84	-1.68
10,845.00	87.30	181.30	10,152.48	-543.97	320.39	550.65	1.67	-1.67	-0.10
10,940.00	88.80	180.50	10,155.71	-638.90	318.90	645.53	1.79	1.58	-0.84
11,036.00	90.70	180.20	10,156.13	-734.89	318.32	741.49	2.00	1.98	-0.31
11,131.00	89.30	179.00	10,156.13	-829.88	318.98	836.48	1.94	-1.47	-1.26
11,227.00	89.40	179.70	10,157.22	-925.87	320.07	932.46	0.74	0.10	0.73
11,322.00	89.40	180.10	10,158.22	-1,020.86	320.24	1,027.44	0.42	0.00	0.42
11,417.00	89.60	181.90	10,159.05	-1,115.84	318.58	1,122.36	1.91	0.21	1.89
11,512.00	89.40	183.70	10,159.87	-1,210.72	313.94	1,217.12	1.91	-0.21	1.89
11,607.00	89.90	182.00	10,160.46	-1,305.60	309.21	1,311.88	1.87	0.53	-1.79
11,702.00	94.20	181.90	10,157.06	-1,400.46	305.98	1,406.65	4.53	4.53	-0.11
11,798.00	92.00	181.90	10,151.87	-1,496.26	302.81	1,502.36	2.29	-2.29	0.00
11,894.00	89.50	180.30	10,150.61	-1,592.22	300.96	1,598.26	3.09	-2.60	-1.67
11,989.00	89.60	180.70	10,151.36	-1,687.22	300.13	1,693.22	0.43	0.11	0.42
12,085.00	89.70	180.70	10,151.94	-1,783.21	298.96	1,789.16	0.10	0.10	0.00
12,180.00	88.60	178.70	10,153.35	-1,878.19	299.46	1,884.13	2.40	-1.16	-2.11
12,276.00	90.60	178.30	10,154.02	-1,974.15	301.97	1,980.12	2.12	2.08	-0.42
12,372.00	91.80	178.20	10,152.01	-2,070.08	304.90	2,076.10	1.25	1.25	-0.10
12,467.00	91.20	178.60	10,149.52	-2,165.01	307.55	2,171.06	0.76	-0.63	0.42
12,563.00	91.20	178.60	10,147.51	-2,260.96	309.90	2,267.04	0.00	0.00	0.00
12,659.00	90.40	177.80	10,146.17	-2,356.90	312.91	2,363.02	1.18	-0.83	-0.83
12,754.00	89.30	177.10	10,146.42	-2,451.81	317.14	2,458.00	1.37	-1.16	-0.74
12,850.00	89.70	176.60	10,147.26	-2,547.66	322.42	2,553.94	0.67	0.42	-0.52
12,945.00	89.20	178.90	10,148.17	-2,642.57	326.15	2,648.91	2.48	-0.53	2.42



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)
13,040.00	88.30	177.90	10,150.24	-2,737.51	328.80	2,743.88	1.42	-0.95	-1.05
13,136.00	91.00	178.70	10,150.83	-2,833.46	331.64	2,839.87	2.93	2.81	0.83
13,231.00	90.20	178.30	10,149.84	-2,928.42	334.13	2,934.86	0.94	-0.84	-0.42
13,326.00	90.90	177.20	10,148.92	-3,023.34	337.86	3,029.84	1.37	0.74	-1.16
13,422.00	92.40	180.90	10,146.16	-3,119.27	339.45	3,125.78	4.16	1.56	3.85
13,517.00	92.40	181.60	10,142.18	-3,214.16	337.38	3,220.61	0.74	0.00	0.74
13,612.00	92.50	180.40	10,138.12	-3,309.06	335.73	3,315.45	1.27	0.11	-1.26
13,708.00	91.20	180.10	10,135.02	-3,405.01	335.31	3,411.36	1.39	-1.35	-0.31
13,804.00	92.10	178.00	10,132.26	-3,500.95	336.90	3,507.32	2.38	0.94	-2.19
13,899.00	89.40	179.40	10,131.01	-3,595.90	339.05	3,602.30	3.20	-2.84	1.47
13,995.00	86.10	178.80	10,134.78	-3,691.80	340.56	3,698.21	3.49	-3.44	-0.63
14,090.00	85.80	177.20	10,141.49	-3,786.50	343.86	3,792.96	1.71	-0.32	-1.68
14,186.00	86.50	178.30	10,147.94	-3,882.21	347.62	3,888.73	1.36	0.73	1.15
14,282.00	88.00	179.40	10,152.54	-3,978.08	349.55	3,984.61	1.94	1.56	1.15
14,377.00	90.90	180.90	10,153.46	-4,073.06	349.30	4,079.57	3.44	3.05	1.58
14,473.00	90.90	178.90	10,151.95	-4,169.04	349.47	4,175.53	2.08	0.00	-2.08
14,568.00	91.50	182.10	10,149.96	-4,264.01	348.64	4,270.45	3.43	0.63	3.37
14,664.00	91.20	183.20	10,147.70	-4,359.88	344.20	4,366.21	1.19	-0.31	1.15
14,760.00	91.00	182.50	10,145.85	-4,455.74	339.43	4,461.95	0.76	-0.21	-0.73
14,855.00	92.30	182.70	10,143.12	-4,550.60	335.12	4,556.70	1.38	1.37	0.21
14,950.00	90.90	184.00	10,140.46	-4,645.40	329.57	4,651.35	2.01	-1.47	1.37
15,046.00	91.60	183.80	10,138.37	-4,741.15	323.04	4,746.95	0.76	0.73	-0.21
15,134.19	89.09	184.17	10,137.84	-4,829.12	316.92	4,834.76	2.87	-2.84	0.42
S14/23 Crossing									
15,141.00	88.90	184.20	10,137.96	-4,835.91	316.42	4,841.54	2.87	-2.84	0.42
15,236.00	88.80	183.10	10,139.86	-4,930.69	310.37	4,936.18	1.16	-0.11	-1.16
15,332.00	88.70	182.30	10,141.96	-5,026.56	305.85	5,031.93	0.84	-0.10	-0.83
15,427.00	88.70	182.00	10,144.11	-5,121.47	302.29	5,126.74	0.32	0.00	-0.32
15,522.00	88.50	180.40	10,146.43	-5,216.42	300.30	5,221.63	1.70	-0.21	-1.68
15,618.00	89.60	179.10	10,148.02	-5,312.40	300.72	5,317.60	1.77	1.15	-1.35
15,714.00	89.80	177.90	10,148.53	-5,408.37	303.23	5,413.59	1.27	0.21	-1.25
15,809.00	90.00	179.70	10,148.69	-5,503.34	305.22	5,508.59	1.91	0.21	1.89
15,904.00	92.30	180.00	10,146.79	-5,598.32	305.47	5,603.55	2.44	2.42	0.32
15,999.00	91.20	181.70	10,143.89	-5,693.26	304.06	5,698.43	2.13	-1.16	1.79
16,045.00	90.50	181.60	10,143.20	-5,739.23	302.74	5,744.37	1.54	-1.52	-0.22
16,141.00	90.30	180.80	10,142.53	-5,835.21	300.72	5,840.28	0.86	-0.21	-0.83
16,236.00	90.20	180.10	10,142.12	-5,930.20	299.98	5,935.24	0.74	-0.11	-0.74
16,331.00	90.50	179.90	10,141.54	-6,025.20	299.98	6,030.22	0.38	0.32	-0.21
16,426.00	90.30	178.80	10,140.87	-6,120.19	301.06	6,125.21	1.18	-0.21	-1.16
16,522.00	90.40	177.70	10,140.29	-6,216.14	303.99	6,221.20	1.15	0.10	-1.15
16,617.00	91.30	178.70	10,138.88	-6,311.08	306.97	6,316.18	1.42	0.95	1.05
16,712.00	90.20	178.40	10,137.64	-6,406.04	309.38	6,411.17	1.20	-1.16	-0.32
16,808.00	90.90	181.00	10,136.71	-6,502.03	309.88	6,507.15	2.80	0.73	2.71
16,903.00	91.90	181.60	10,134.39	-6,596.98	307.72	6,602.03	1.23	1.05	0.63



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)
16,998.00	90.40	181.90	10,132.49	-6,691.91	304.82	6,696.88	1.61	-1.58	0.32
17,094.00	90.70	180.90	10,131.56	-6,787.87	302.48	6,792.77	1.09	0.31	-1.04
17,189.00	90.50	179.90	10,130.57	-6,882.87	301.81	6,887.73	1.07	-0.21	-1.05
17,285.00	90.00	178.80	10,130.15	-6,978.86	302.90	6,983.72	1.26	-0.52	-1.15
17,380.00	89.30	177.80	10,130.73	-7,073.81	305.72	7,078.71	1.28	-0.74	-1.05
17,475.00	89.40	177.20	10,131.81	-7,168.71	309.87	7,173.68	0.64	0.11	-0.63
17,571.00	89.30	176.20	10,132.90	-7,264.55	315.39	7,269.61	1.05	-0.10	-1.04
17,667.00	90.70	177.60	10,132.90	-7,360.40	320.58	7,365.55	2.06	1.46	1.46
17,762.00	90.70	179.10	10,131.74	-7,455.35	323.32	7,460.54	1.58	0.00	1.58
17,857.00	90.60	178.50	10,130.66	-7,550.33	325.31	7,555.54	0.64	-0.11	-0.63
17,953.00	91.80	176.90	10,128.65	-7,646.22	329.16	7,651.49	2.08	1.25	-1.67
18,049.00	90.60	177.30	10,126.64	-7,742.08	334.01	7,747.43	1.32	-1.25	0.42
18,144.00	89.50	179.20	10,126.56	-7,837.03	336.91	7,842.42	2.31	-1.16	2.00
18,239.00	88.80	178.90	10,127.97	-7,932.00	338.49	7,937.41	0.80	-0.74	-0.32
18,334.00	89.10	178.10	10,129.71	-8,026.95	340.98	8,032.39	0.90	0.32	-0.84
18,429.00	88.70	177.30	10,131.53	-8,121.86	344.79	8,127.35	0.94	-0.42	-0.84
18,524.00	89.70	179.70	10,132.86	-8,216.81	347.27	8,222.33	2.74	1.05	2.53
18,620.00	91.10	180.30	10,132.19	-8,312.80	347.27	8,318.31	1.59	1.46	0.63
18,715.00	91.50	179.40	10,130.03	-8,407.78	347.52	8,413.27	1.04	0.42	-0.95
18,811.00	91.00	180.90	10,127.94	-8,503.75	347.27	8,509.21	1.65	-0.52	1.56
18,906.00	89.30	182.90	10,127.69	-8,598.69	344.12	8,604.06	2.76	-1.79	2.11
19,001.00	89.40	183.00	10,128.77	-8,693.56	339.23	8,698.81	0.15	0.11	0.11
19,097.00	89.80	182.60	10,129.44	-8,789.44	334.54	8,794.57	0.59	0.42	-0.42
19,192.00	90.20	181.70	10,129.44	-8,884.37	330.98	8,889.40	1.04	0.42	-0.95
19,224.82	90.20	181.32	10,129.32	-8,917.18	330.11	8,922.18	1.15	0.00	-1.15
TGT 1 (Galapagos 14-26 Fed Com 211H)									
19,288.00	90.20	180.60	10,129.10	-8,980.35	329.05	8,985.32	1.15	0.00	-1.15
19,383.00	91.70	180.60	10,127.53	-9,075.33	328.06	9,080.25	1.58	1.58	0.00
19,478.00	92.60	180.60	10,123.96	-9,170.26	327.06	9,175.14	0.95	0.95	0.00
19,573.00	90.60	182.00	10,121.31	-9,265.19	324.91	9,270.00	2.57	-2.11	1.47
19,669.00	88.00	182.30	10,122.48	-9,361.11	321.31	9,365.82	2.73	-2.71	0.31
19,765.00	87.70	181.40	10,126.08	-9,456.99	318.21	9,461.61	0.99	-0.31	-0.94
19,860.00	86.70	180.10	10,130.72	-9,551.86	316.97	9,556.44	1.73	-1.05	-1.37
19,955.00	88.10	180.10	10,135.03	-9,646.76	316.80	9,651.32	1.47	1.47	0.00
20,051.00	87.90	180.70	10,138.38	-9,742.70	316.13	9,747.22	0.66	-0.21	0.63
20,147.00	88.40	179.50	10,141.48	-9,838.65	315.97	9,843.14	1.35	0.52	-1.25
20,242.00	90.10	179.00	10,142.73	-9,933.63	317.21	9,938.13	1.87	1.79	-0.53
20,338.00	90.10	178.80	10,142.56	-10,029.61	319.05	10,034.13	0.21	0.00	-0.21
20,419.21	89.50	178.46	10,142.84	-10,110.80	321.00	10,115.34	0.85	-0.74	-0.42
S23/26 Crossing									
20,433.00	89.40	178.40	10,142.97	-10,124.58	321.37	10,129.12	0.85	-0.74	-0.42
20,529.00	91.80	178.70	10,141.97	-10,220.54	323.80	10,225.11	2.52	2.50	0.31
20,624.00	93.00	178.20	10,137.99	-10,315.42	326.37	10,320.02	1.37	1.26	-0.53



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)
20,720.00	93.40	177.40	10,132.63	-10,411.20	330.05	10,415.86	0.93	0.42	-0.83
20,815.00	92.20	179.20	10,127.99	-10,506.03	332.86	10,510.74	2.28	-1.26	1.89
20,910.00	93.00	179.40	10,123.68	-10,600.93	334.02	10,605.63	0.87	0.84	0.21
21,006.00	91.00	179.80	10,120.33	-10,696.86	334.69	10,701.56	2.12	-2.08	0.42
21,101.00	91.30	179.90	10,118.42	-10,791.84	334.94	10,796.53	0.33	0.32	0.11
21,197.00	91.10	179.00	10,116.41	-10,887.82	335.86	10,892.50	0.96	-0.21	-0.94
21,292.00	91.50	178.30	10,114.26	-10,982.77	338.10	10,987.47	0.85	0.42	-0.74
21,388.00	90.80	176.50	10,112.33	-11,078.64	342.45	11,083.42	2.01	-0.73	-1.88
21,483.00	92.30	178.70	10,109.76	-11,173.52	346.43	11,178.36	2.80	1.58	2.32
21,579.00	92.30	178.40	10,105.91	-11,269.41	348.86	11,274.28	0.31	0.00	-0.31
21,674.00	90.50	176.80	10,103.59	-11,364.29	352.84	11,369.22	2.53	-1.89	-1.68
21,770.00	89.70	178.60	10,103.42	-11,460.21	356.69	11,465.20	2.05	-0.83	1.88
21,866.00	90.10	178.80	10,103.59	-11,556.18	358.87	11,561.20	0.47	0.42	0.21
21,962.00	90.60	181.20	10,103.00	-11,652.17	358.87	11,657.17	2.55	0.52	2.50
22,057.00	90.80	181.40	10,101.84	-11,747.14	356.71	11,752.07	0.30	0.21	0.21
22,152.00	91.30	180.90	10,100.10	-11,842.11	354.80	11,846.97	0.74	0.53	-0.53
22,248.00	91.80	180.80	10,097.50	-11,938.06	353.38	11,942.87	0.53	0.52	-0.10
22,343.00	92.50	180.10	10,093.94	-12,032.99	352.63	12,037.77	1.04	0.74	-0.74
22,439.00	90.80	181.50	10,091.17	-12,128.93	351.29	12,133.66	2.29	-1.77	1.46
22,534.00	91.50	181.30	10,089.27	-12,223.89	348.97	12,228.54	0.77	0.74	-0.21
22,629.00	92.10	180.90	10,086.28	-12,318.82	347.15	12,323.42	0.76	0.63	-0.42
22,724.00	89.90	183.30	10,084.63	-12,413.73	343.67	12,418.23	3.43	-2.32	2.53
22,820.00	89.80	183.00	10,084.88	-12,509.58	338.39	12,513.95	0.33	-0.10	-0.31
22,915.00	89.00	182.10	10,085.87	-12,604.48	334.17	12,608.74	1.27	-0.84	-0.95
23,011.00	88.90	181.50	10,087.63	-12,700.42	331.15	12,704.59	0.63	-0.10	-0.63
23,106.00	89.20	180.50	10,089.21	-12,795.39	329.50	12,799.50	1.10	0.32	-1.05
23,202.00	89.50	179.40	10,090.30	-12,891.38	329.58	12,895.48	1.19	0.31	-1.15
23,297.00	90.20	179.20	10,090.54	-12,986.37	330.74	12,990.47	0.77	0.74	-0.21
23,393.00	90.20	178.30	10,090.21	-13,082.35	332.83	13,086.47	0.94	0.00	-0.94
23,489.00	91.40	179.70	10,088.87	-13,178.32	334.51	13,182.45	1.92	1.25	1.46
23,584.00	91.70	179.40	10,086.30	-13,273.28	335.26	13,277.41	0.45	0.32	-0.32
23,680.00	92.30	179.50	10,082.95	-13,369.22	336.18	13,373.35	0.63	0.63	0.10
23,775.00	92.80	178.60	10,078.72	-13,464.11	337.75	13,468.25	1.08	0.53	-0.95
23,870.00	91.10	180.30	10,075.49	-13,559.05	338.66	13,563.18	2.53	-1.79	1.79
23,965.00	90.90	180.60	10,073.83	-13,654.03	337.91	13,658.13	0.38	-0.21	0.32
24,061.00	91.40	179.90	10,071.90	-13,750.01	337.50	13,754.07	0.90	0.52	-0.73
24,156.00	91.40	179.40	10,069.58	-13,844.98	338.08	13,849.03	0.53	0.00	-0.53
24,252.00	91.70	178.90	10,066.99	-13,940.93	339.50	13,945.00	0.61	0.31	-0.52
24,348.00	90.20	181.10	10,065.39	-14,036.91	339.50	14,040.95	2.77	-1.56	2.29
24,443.00	91.40	181.20	10,064.07	-14,131.88	337.59	14,135.86	1.27	1.26	0.11
24,539.00	90.80	180.60	10,062.23	-14,227.85	336.09	14,231.78	0.88	-0.63	-0.63
24,634.00	90.60	180.90	10,061.06	-14,322.83	334.84	14,326.71	0.38	-0.21	0.32
24,730.00	91.50	180.30	10,059.31	-14,418.81	333.84	14,422.65	1.13	0.94	-0.63
24,825.00	89.20	180.60	10,058.73	-14,513.80	333.09	14,517.60	2.44	-2.42	0.32



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Galapagos 14-26 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Site:	Galapagos 14-26 Fed Com	MD Reference:	3432.5' GE + 30' KB @ 3462.50usft
Well:	Galapagos 14-26 Fed Com 211H	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)
24,921.00	89.70	181.00	10,059.65	-14,609.78	331.75	14,613.54	0.67	0.52	0.42
25,016.00	90.50	182.00	10,059.48	-14,704.75	329.26	14,708.43	1.35	0.84	1.05
25,111.00	90.60	181.30	10,058.57	-14,799.71	326.53	14,803.30	0.74	0.11	-0.74
25,206.00	92.20	180.70	10,056.25	-14,894.66	324.87	14,898.20	1.80	1.68	-0.63
25,302.00	93.20	180.60	10,051.73	-14,990.55	323.78	14,994.04	1.05	1.04	-0.10
25,397.00	94.10	179.90	10,045.68	-15,085.35	323.37	15,088.82	1.20	0.95	-0.74
25,492.00	94.90	179.40	10,038.22	-15,180.05	323.95	15,183.51	0.99	0.84	-0.53
25,555.00	95.70	179.30	10,032.41	-15,242.78	324.66	15,246.24	1.28	1.27	-0.16
25,605.57	95.70	179.30	10,027.38	-15,293.10	325.27	15,296.56	0.00	0.00	0.00
100' FSL HL Crossing									
25,612.00	95.70	179.30	10,026.74	-15,299.49	325.35	15,302.95	0.00	0.00	0.00
BHL - PBHL (Galapagos 14-26 Fed Com 211H)									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,603.00	9,586.40	341.81	269.23	KOP
15,134.19	10,137.84	-4,829.12	316.92	S14/23 Crossing
20,419.21	10,142.84	-10,110.80	321.00	S23/26 Crossing
25,605.57	10,027.38	-15,293.10	325.27	100' FSL HL Crossing
25,612.00	10,026.74	-15,299.49	325.35	BHL

Checked By: _____ Approved By: _____ Date: _____

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

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised August 1, 2011

WELL API NO.	30-015-47287
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Galapagos 14-26 Fed Com
8. Well Number	211H
9. OGRID Number	6137
10. Pool name or Wildcat	James Ranch; Bone Spring, East

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter <u>D</u> : <u>450</u> feet from the <u>North</u> line and <u>509</u> feet from the <u>West</u> line Section <u>14</u> Township <u>23S</u> Range <u>31E</u> NMPM County <u>Lea</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3432.5'	
--	--

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 ☒
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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.

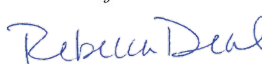
3/16/2021 - 6/9/2021: MIRU WL & PT. TIH & ran CBL, found TOC @ 3300'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 10,256'-25,590'. Frac totals 59,792,452# prop, 35 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 25,599'. CHC, FWB, ND BOP. Tubing to be run at later date. TOP.

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

SIGNATURE Rebecca Deal TITLE Regulatory Specialist DATE 7/15/2021

Type or print name Rebecca Deal E-mail address: Rebecca.deal@dmn.com PHONE: 405-228-8429
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011				
		1. WELL API NO. 30-015-47287								
		2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Galapagos 14-26 Fed Com				
						6. Well Number: 211H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Devon Energy Production Company, L.P.						9. OGRID 6137				
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102						11. Pool name or Wildcat James Ranch; Bone Spring, East				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	14	23S	31E		450	North	509	West	Lea
BH:	M	26	23S	31E		97	South	752	West	Lea
13. Date Spudded 1/2/21	14. Date T.D. Reached 2/13/21	15. Date Rig Released 2/17/21		16. Date Completed (Ready to Produce) 6/9/21		17. Elevations (DF and RKB, RT, GR, etc.) 3432.5' GL				
18. Total Measured Depth of Well 25,612' MD, 10,027' TVD		19. Plug Back Measured Depth 25,599'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,256'-25,590', Bone Spring, East										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED					
13.375	54.5	841'	17.5	650 sx CIC; circ 284 sx						
10.75	45.5	4446'	12.25	690 sx CIC; circ 183 sx						
8.625	32	8437'	9.875	730 sx cmt; circ 227 sx						
5.5	20	25602'	7.875	2390 sx CH; circ 489 sx	TOC @ 2818'					
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10,256' - 25,590', total 1804 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10,256'-25,590' Acidize and frac in 61 stages. See detailed summary attached.						
28. PRODUCTION										
Date First Production 6/9/21		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing					
Date of Test 7/13/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2526	Gas - MCF 2914	Water - Bbl. 4418	Gas - Oil Ratio 1153.603			
Flow Tubing Press. psi	Casing Pressure psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude		Longitude		NAD 1927 1983						
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature		Printed Name	Rebecca Deal	Title	Regulatory Specialist	Date	7/15/2021			
E-mail Address	Rebecca.deal@dvn.com									

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

[illegible]

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

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

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

From	To	Thickness In Feet	Lithology

District I

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

District II

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 36522

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 36522
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I

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

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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 36522

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 36522
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/15/2021