

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 / 6/10/21
⁴ API Number 30-015-47289	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 214H

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
B	14	23S	31E		250	North	2521	East	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
O	26	23S	31E		96	South	1932	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/10/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

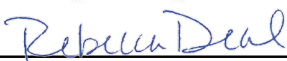
III. Oil and Gas Transporters

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 12/2/20	²² Ready Date 6/10/21	²³ TD 25803	²⁴ PBDT 25787	²⁵ Perforations 10523 - 25777	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	846	650 sx CIC; Circ 108 sx		
12.25	10.75	4421	690 sx CIC; Circ 206 sx		
9.875	8.625	8520	460 sx CIC; Circ 0 sx		
	Tubing:	0	Squeeze - 771 CIC ; Circ 0		

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 2205 bbl	³⁹ Water 4269 bbl	⁴⁰ Gas 2771 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: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOC, SANTA FE		
E-mail Address: Rebecca.Deal@dmn.com			Approval Date: 08/25/2021		
Date: 7/16/2021		Phone: 405-228-8429			

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 30-015-47289	² Pool Code 96919	³ Pool Name JAMES RANCH; BONE SPRING, EAST
⁴ Property Code 32888	⁵ Property Name GALAPAGOS 14-26 FED COM	⁶ Well Number 214H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3474.6

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
B	14	23 S	31 E		250	NORTH	2521	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
O	26	23 S	31 E		96	SOUTH	1932	EAST	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. = 32.3044903°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 = 468702.87 E = 719392.74 SECTION CORNER LAT. = 32.2827133°N LONG. = 103.751238°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		N89°51'18"E 2639.71 FT KOP N/4 CORNER SEC. 14 LAT. = 32.3117253°N LONG. = 103.7485813°W NMSP EAST (FT) N = 477630.81 E = 721989.05 GALAPAGOS 14-26 FED COM 214H ELEV. = 3474.6' LAT. = 32.3110371°N (NAD83) LONG. = 103.7481868°W NMSP EAST (FT) N = 477381.11 E = 722112.29 KICK OFF POINT 121' FNL, 2006' FEL LAT. = 32.3113855°N LONG. = 103.7465192°W N89°49'03"E QUARTER CORNER LAT. = 32.2972155°N LONG. = 103.7485820°W NMSP EAST (FT) N = 472352.23 E = 722017.61 SECTION CORNER LAT. = 32.2826901°N LONG. = 103.7400438°W NMSP EAST (FT) N = 467082.47 E = 724685.09 SE CORNER SEC. 26 LAT. = 32.2681719°N LONG. = 103.7400493°W NMSP EAST (FT) N = 461800.87 E = 724712.60		NE CORNER SEC. 14 LAT. = 32.3116999°N LONG. = 103.7400280°W NMSP EAST (FT) N = 477636.10 E = 724631.57 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 = 472360.64 E = 724657.46 E/4 CORNER SEC. 23 LAT. = 32.2899466°N LONG. = 103.7400405°W NMSP EAST (FT) N = 468722.36 E = 724671.49 SECTION CORNER LAT. = 32.2754311°N LONG. = 103.7400438°W NMSP EAST (FT) N = 464441.71 E = 724699.37	
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AS-DRILLED

SEC. 23

QUARTER CORNER
LAT. = 32.2826880°N
LONG. = 103.7485777°W
NMSP EAST (FT)
N = 467070.86
E = 722047.76

LAST TAKE POINT
122' FSL, 1935' FEL
LAT. = 32.2685139°N
LONG. = 103.7463075°W
NMSP EAST (FT)
N = 461888.90
E = 722780.78

SEC. 26

BOTTOM OF HOLE
LAT. = 32.2684431°N
LONG. = 103.7462976°W
NMSP EAST (FT)
N = 461888.90
E = 722780.78

S/4 CORNER SEC. 26
LAT. = 32.2681917°N
LONG. = 103.751229°W
NMSP EAST (FT)
N = 461779.31
E = 719435.27

LTP BOTTOM OF HOLE
1932' SCALED

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 **7/15/2021**
Signature Date

Rebecca Deal, Regulatory Specialist
Printed Name

rebecca.deal@dm.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

JUNE 17, 2021

Date of Survey

William F. Jaramila
Signature and Seal of Professional Surveyor
Certificate Number 12797
Survey No. 7898A

Intent ☐ As Drilled ☒

API # 30-015-47289		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: GALAPAGOS 14-26 FED COM	Well Number 214H

Kick Off Point (KOP)

UL B	Section 14	Township 23S	Range 31E	Lot	Feet 121	From N/S NORTH	Feet 2006	From E/W EAST	County EDDY
Latitude 32.3113855					Longitude 103.7465192				NAD 83

First Take Point (FTP)

UL B	Section 14	Township 23S	Range 31E	Lot	Feet 497	From N/S NORTH	Feet 1990	From E/W EAST	County EDDY
Latitude 32.3103523					Longitude 103.7464699				NAD 83

Last Take Point (LTP)

UL O	Section 26	Township 23S	Range 31E	Lot	Feet 122	From N/S SOUTH	Feet 1935	From E/W EAST	County EDDY
Latitude 32.2685139					Longitude 103.7463075				NAD 83

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

☒

Is this well an infill well?

☒

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

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: GALAPAGOS 14-26 FED COM	Well Number 215H

KZ 06/29/2018



I **Larry Wright**, certify that I am employed by **WellBenders Directional Services**. That I did on the day(s) of **12/02/20** thru **01/16/21** conduct or supervise the taking of a **MWD Survey** from a depth of **209'** to a depth of **25803'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Devon Energy** for the **Galapagos 14-26 Fed Com 214H** API No. **30-015-47289** in **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

*13901 Hwy 105 W., Conroe, Texas
77304
PH 936-539-9602*



Devon Energy

**Eddy Co., NM (Nad83 - East Zone)
Galapagos 14-26 Fed Com
#214H**

Wellbore #1

Survey: Survey #1

Standard Survey Report

15 January, 2021





Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Project	Eddy Co., NM (Nad83 - East Zone)		
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:	13.200 in	Grid Convergence:	0.309 °

Well	#214H					
Well Position	+N/-S	0.00 usft	Northing:	477,381.11 usft	Latitude:	32.311037
	+E/-W	0.00 usft	Easting:	722,112.29 usft	Longitude:	-103.748187
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,474.60 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/18/2020	6.671	60.070	47,626.17842081

Design	Wellbore #1				
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	268.81	

Survey Program	Date	1/15/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
209.00	25,803.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#214H SHL: 250' FNL & 2521' FEL									
209.00	0.04	240.77	209.00	-0.04	-0.06	0.06	0.02	0.02	0.00
304.00	0.13	248.24	304.00	-0.09	-0.19	0.19	0.10	0.09	7.86
398.00	0.26	279.09	398.00	-0.10	-0.50	0.50	0.17	0.14	32.82
492.00	0.31	260.37	492.00	-0.11	-0.96	0.97	0.11	0.05	-19.91
587.00	0.22	263.35	587.00	-0.17	-1.40	1.40	0.10	-0.09	3.14
681.00	0.40	287.17	681.00	-0.09	-1.89	1.89	0.23	0.19	25.34
775.00	0.35	259.14	774.99	-0.05	-2.49	2.49	0.20	-0.05	-29.82
892.00	0.48	273.90	891.99	-0.09	-3.33	3.33	0.14	0.11	12.62
986.00	0.70	279.53	985.99	0.04	-4.29	4.28	0.24	0.23	5.99



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,081.00	1.23	337.27	1,080.97	1.07	-5.25	5.23	1.10	0.56	60.78
1,176.00	1.41	351.16	1,175.95	3.17	-5.83	5.76	0.39	0.19	14.62
1,270.00	1.23	354.67	1,269.92	5.32	-6.10	5.98	0.21	-0.19	3.73
1,365.00	1.10	349.57	1,364.90	7.23	-6.36	6.20	0.17	-0.14	-5.37
1,460.00	0.97	2.41	1,459.89	8.93	-6.49	6.30	0.28	-0.14	13.52
1,555.00	0.75	3.73	1,554.88	10.35	-6.41	6.20	0.23	-0.23	1.39
1,650.00	0.70	353.18	1,649.87	11.55	-6.44	6.20	0.15	-0.05	-11.11
1,745.00	0.53	327.51	1,744.87	12.49	-6.75	6.49	0.34	-0.18	-27.02
1,840.00	0.62	338.06	1,839.86	13.34	-7.17	6.90	0.15	0.09	11.11
1,935.00	1.05	69.91	1,934.85	14.12	-6.55	6.25	1.30	0.45	96.68
2,031.00	1.80	76.32	2,030.82	14.78	-4.26	3.95	0.80	0.78	6.68
2,125.00	2.90	84.41	2,124.74	15.36	-0.46	0.14	1.22	1.17	8.61
2,220.00	4.00	80.89	2,219.57	16.12	5.21	-5.54	1.18	1.16	-3.71
2,315.00	4.62	86.96	2,314.30	16.84	12.30	-12.65	0.81	0.65	6.39
2,411.00	5.54	84.76	2,409.92	17.47	20.77	-21.13	0.98	0.96	-2.29
2,506.00	6.37	84.23	2,504.41	18.42	30.58	-30.96	0.88	0.87	-0.56
2,601.00	7.25	84.67	2,598.74	19.51	41.80	-42.19	0.93	0.93	0.46
2,697.00	8.18	83.88	2,693.87	20.80	54.62	-55.04	0.98	0.97	-0.82
2,792.00	9.32	82.56	2,787.76	22.51	68.97	-69.42	1.22	1.20	-1.39
2,887.00	9.89	82.21	2,881.43	24.62	84.68	-85.17	0.60	0.60	-0.37
2,982.00	10.90	81.86	2,974.87	26.99	101.65	-102.19	1.07	1.06	-0.37
3,078.00	11.21	80.19	3,069.09	29.87	119.83	-120.43	0.46	0.32	-1.74
3,173.00	11.08	82.39	3,162.30	32.65	137.98	-138.63	0.47	-0.14	2.32
3,268.00	9.98	84.94	3,255.70	34.59	155.23	-155.92	1.26	-1.16	2.68
3,364.00	10.77	86.08	3,350.12	35.93	172.46	-173.18	0.85	0.82	1.19
3,459.00	11.16	85.55	3,443.39	37.25	190.49	-191.22	0.42	0.41	-0.56
3,553.00	11.12	85.64	3,535.62	38.65	208.59	-209.35	0.05	-0.04	0.10
3,648.00	10.81	86.69	3,628.88	39.86	226.62	-227.40	0.39	-0.33	1.11
3,743.00	10.99	88.72	3,722.17	40.58	244.57	-245.36	0.45	0.19	2.14
3,838.00	11.52	88.72	3,815.34	40.99	263.11	-263.90	0.56	0.56	0.00
3,933.00	9.98	89.33	3,908.67	41.30	280.82	-281.62	1.63	-1.62	0.64
4,028.00	10.64	87.57	4,002.14	41.77	297.82	-298.62	0.77	0.69	-1.85
4,123.00	12.09	85.20	4,095.28	42.97	316.49	-317.32	1.60	1.53	-2.49
4,218.00	11.56	88.28	4,188.26	44.09	335.92	-336.77	0.87	-0.56	3.24
4,313.00	10.59	89.68	4,281.49	44.42	354.17	-355.02	1.06	-1.02	1.47
4,369.00	10.11	88.98	4,336.58	44.54	364.23	-365.08	0.89	-0.86	-1.25
4,502.00	8.22	87.75	4,467.87	45.12	385.40	-386.26	1.43	-1.42	-0.92
4,597.00	8.79	83.09	4,561.83	46.26	399.39	-400.27	0.94	0.60	-4.91
4,693.00	10.29	78.17	4,656.50	48.90	415.07	-416.00	1.78	1.56	-5.12
4,787.00	10.46	73.16	4,748.97	53.09	431.45	-432.47	0.98	0.18	-5.33
4,883.00	10.24	74.13	4,843.40	57.95	448.00	-449.11	0.29	-0.23	1.01
4,978.00	9.76	73.33	4,936.96	62.57	463.84	-465.04	0.53	-0.51	-0.84
5,073.00	9.85	72.02	5,030.57	67.39	479.28	-480.58	0.25	0.09	-1.38



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,168.00	9.54	72.81	5,124.22	72.22	494.53	-495.93	0.36	-0.33	0.83	
5,264.00	9.45	71.58	5,218.90	77.07	509.61	-511.10	0.23	-0.09	-1.28	
5,359.00	7.47	61.29	5,312.87	82.50	522.42	-524.03	2.62	-2.08	-10.83	
5,454.00	6.42	51.54	5,407.17	88.77	532.00	-533.74	1.66	-1.11	-10.26	
5,549.00	4.66	40.99	5,501.73	94.99	538.69	-540.55	2.13	-1.85	-11.11	
5,644.00	3.78	31.32	5,596.47	100.57	542.85	-544.83	1.19	-0.93	-10.18	
5,740.00	3.69	30.71	5,692.27	105.93	546.07	-548.16	0.10	-0.09	-0.64	
5,834.00	3.65	21.48	5,786.08	111.32	548.71	-550.91	0.63	-0.04	-9.82	
5,930.00	1.93	358.01	5,881.96	115.78	549.78	-552.07	2.12	-1.79	-24.45	
6,025.00	1.71	351.95	5,976.91	118.78	549.52	-551.88	0.31	-0.23	-6.38	
6,120.00	1.67	350.98	6,071.87	121.55	549.11	-551.52	0.05	-0.04	-1.02	
6,216.00	1.54	347.82	6,167.83	124.19	548.62	-551.08	0.16	-0.14	-3.29	
6,311.00	1.45	339.38	6,262.80	126.57	547.92	-550.44	0.25	-0.09	-8.88	
6,406.00	1.49	330.50	6,357.77	128.77	546.89	-549.46	0.24	0.04	-9.35	
6,501.00	1.41	318.11	6,452.74	130.71	545.50	-548.11	0.34	-0.08	-13.04	
6,597.00	1.36	308.00	6,548.71	132.29	543.82	-546.46	0.26	-0.05	-10.53	
6,691.00	1.36	301.32	6,642.69	133.56	541.98	-544.65	0.17	0.00	-7.11	
6,786.00	1.36	299.92	6,737.66	134.71	540.04	-542.73	0.03	0.00	-1.47	
6,882.00	1.23	288.93	6,833.63	135.61	538.08	-540.79	0.29	-0.14	-11.45	
6,977.00	1.14	280.67	6,928.61	136.11	536.19	-538.91	0.20	-0.09	-8.69	
7,073.00	1.10	281.99	7,024.60	136.48	534.35	-537.08	0.05	-0.04	1.37	
7,168.00	1.10	277.07	7,119.58	136.78	532.55	-535.29	0.10	0.00	-5.18	
7,263.00	1.10	275.66	7,214.56	136.99	530.74	-533.48	0.03	0.00	-1.48	
7,358.00	1.05	282.60	7,309.54	137.27	528.98	-531.73	0.15	-0.05	7.31	
7,453.00	1.05	268.98	7,404.53	137.44	527.26	-530.01	0.26	0.00	-14.34	
7,548.00	0.92	275.13	7,499.51	137.49	525.63	-528.38	0.18	-0.14	6.47	
7,643.00	0.79	265.46	7,594.50	137.51	524.22	-526.97	0.20	-0.14	-10.18	
7,738.00	0.79	272.14	7,689.50	137.48	522.91	-525.67	0.10	0.00	7.03	
7,833.00	0.84	261.07	7,784.49	137.40	521.57	-524.32	0.17	0.05	-11.65	
8,023.00	0.88	224.07	7,974.47	136.13	519.18	-521.90	0.29	0.02	-19.47	
8,119.00	0.79	224.95	8,070.46	135.14	518.20	-520.90	0.09	-0.09	0.92	
8,215.00	1.10	232.07	8,166.44	134.10	517.01	-519.69	0.34	0.32	7.42	
8,310.00	1.01	211.94	8,261.43	132.83	515.84	-518.50	0.40	-0.09	-21.19	
8,405.00	1.05	200.51	8,356.41	131.30	515.10	-517.72	0.22	0.04	-12.03	
8,469.00	0.79	198.14	8,420.40	130.34	514.75	-517.36	0.41	-0.41	-3.70	
8,600.00	0.66	179.42	8,551.39	128.72	514.48	-517.05	0.20	-0.10	-14.29	
8,695.00	0.92	196.73	8,646.38	127.45	514.27	-516.81	0.37	0.27	18.22	
8,790.00	0.97	223.72	8,741.37	126.13	513.49	-516.01	0.47	0.05	28.41	
8,886.00	0.97	217.48	8,837.36	124.90	512.43	-514.93	0.11	0.00	-6.50	
8,980.00	0.53	239.36	8,931.35	124.05	511.58	-514.05	0.55	-0.47	23.28	
9,075.00	0.53	236.99	9,026.35	123.59	510.83	-513.29	0.02	0.00	-2.49	
9,170.00	0.70	215.10	9,121.34	122.87	510.13	-512.58	0.30	0.18	-23.04	
9,265.00	0.84	209.74	9,216.33	121.79	509.45	-511.88	0.17	0.15	-5.64	



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,361.00	1.36	204.91	9,312.31	120.15	508.62	-511.01	0.55	0.54	-5.03
9,456.00	2.02	167.38	9,407.27	117.49	508.51	-510.85	1.32	0.69	-39.51
9,551.00	0.75	231.98	9,502.25	115.47	508.39	-510.68	1.92	-1.34	68.00
9,646.00	1.23	217.48	9,597.23	114.28	507.28	-509.55	0.57	0.51	-15.26
9,741.00	1.05	202.27	9,692.22	112.67	506.33	-508.56	0.37	-0.19	-16.01
9,836.00	1.01	251.05	9,787.20	111.59	505.20	-507.42	0.90	-0.04	51.35
9,900.83	4.10	207.48	9,851.96	109.35	503.59	-505.76	5.30	4.76	-67.20
#214H FTP/ KOP: 150' FNL									
9,931.00	5.67	204.20	9,882.02	107.04	502.49	-504.61	5.30	5.22	-10.88
10,026.00	17.14	175.11	9,975.05	88.73	501.75	-503.49	13.14	12.07	-30.62
10,121.00	26.02	171.86	10,063.31	54.09	505.90	-506.92	9.43	9.35	-3.42
10,216.00	36.75	175.38	10,144.29	4.99	511.16	-511.15	11.45	11.29	3.71
10,311.00	50.99	177.49	10,212.61	-60.56	515.09	-513.71	15.07	14.99	2.22
10,406.00	62.15	174.58	10,264.87	-139.50	520.69	-517.67	12.02	11.75	-3.06
10,501.00	69.36	172.83	10,303.86	-225.54	530.22	-525.40	7.77	7.59	-1.84
10,597.00	72.97	177.75	10,334.86	-316.04	537.63	-530.93	6.14	3.76	5.12
10,693.00	72.75	181.18	10,363.16	-407.76	538.49	-529.87	3.42	-0.23	3.57
10,761.66	74.43	181.24	10,382.56	-473.61	537.10	-527.11	2.45	2.45	0.08
#214H LP: (Plan #4)									
10,788.00	75.08	181.26	10,389.48	-499.01	536.55	-526.03	2.45	2.45	0.08
10,883.00	80.35	181.97	10,409.69	-591.77	533.92	-521.47	5.60	5.55	0.75
10,978.00	89.45	185.66	10,418.13	-686.07	527.62	-513.20	10.33	9.58	3.88
11,073.00	90.51	182.23	10,418.16	-780.83	521.08	-504.69	3.78	1.12	-3.61
11,168.00	90.42	179.51	10,417.39	-875.80	519.64	-501.27	2.86	-0.09	-2.86
11,264.00	90.20	177.84	10,416.87	-971.77	521.86	-501.49	1.75	-0.23	-1.74
11,361.00	88.88	179.68	10,417.65	-1,068.74	523.96	-501.57	2.33	-1.36	1.90
11,457.00	88.48	179.77	10,419.86	-1,164.71	524.42	-500.03	0.43	-0.42	0.09
11,551.00	88.09	180.12	10,422.67	-1,258.67	524.51	-498.16	0.56	-0.41	0.37
11,646.00	88.75	180.91	10,425.29	-1,353.63	523.65	-495.33	1.08	0.69	0.83
11,741.00	91.60	180.74	10,425.00	-1,448.61	522.29	-491.98	3.01	3.00	-0.18
11,836.00	92.26	180.56	10,421.80	-1,543.55	521.21	-488.92	0.72	0.69	-0.19
11,932.00	90.11	180.91	10,419.82	-1,639.51	519.98	-485.69	2.27	-2.24	0.36
12,027.00	90.24	181.35	10,419.53	-1,734.49	518.10	-481.84	0.48	0.14	0.46
12,123.00	90.59	182.23	10,418.83	-1,830.44	515.11	-476.84	0.99	0.36	0.92
12,218.00	89.63	180.47	10,418.65	-1,925.41	512.87	-472.63	2.11	-1.01	-1.85
12,313.00	90.29	180.65	10,418.72	-2,020.41	511.94	-469.72	0.72	0.69	0.19
12,408.00	89.85	180.65	10,418.60	-2,115.40	510.86	-466.66	0.46	-0.46	0.00
12,502.00	89.76	181.18	10,418.92	-2,209.39	509.36	-463.20	0.57	-0.10	0.56
12,598.00	88.53	181.35	10,420.35	-2,305.35	507.24	-459.08	1.29	-1.28	0.18
12,693.00	89.19	180.12	10,422.24	-2,400.32	506.02	-455.89	1.47	0.69	-1.29
12,788.00	88.84	181.97	10,423.88	-2,495.29	504.29	-452.17	1.98	-0.37	1.95
12,883.00	90.68	184.16	10,424.27	-2,590.14	499.21	-445.12	3.01	1.94	2.31
12,978.00	89.76	181.70	10,423.91	-2,685.01	494.36	-438.29	2.76	-0.97	-2.59
13,073.00	88.62	178.98	10,425.25	-2,779.99	493.79	-435.74	3.10	-1.20	-2.86



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
13,168.00	91.03	180.30	10,425.54	-2,874.98	494.39	-434.36	2.89	2.54	1.39
13,262.00	88.48	178.19	10,425.94	-2,968.95	495.63	-433.64	3.52	-2.71	-2.24
13,358.00	87.52	175.90	10,429.30	-3,064.76	500.57	-436.59	2.59	-1.00	-2.39
13,452.00	87.16	175.55	10,433.66	-3,158.40	507.57	-441.63	0.53	-0.38	-0.37
13,547.00	86.11	175.20	10,439.23	-3,252.92	515.22	-447.31	1.16	-1.11	-0.37
13,642.00	88.40	176.43	10,443.78	-3,347.55	522.14	-452.26	2.74	2.41	1.29
13,737.00	91.96	178.80	10,443.49	-3,442.45	526.09	-454.23	4.50	3.75	2.49
13,832.00	90.95	179.95	10,441.07	-3,537.41	527.13	-453.29	1.61	-1.06	1.21
13,927.00	87.82	178.98	10,442.09	-3,632.39	528.02	-452.20	3.45	-3.29	-1.02
14,022.00	87.47	178.98	10,446.00	-3,727.29	529.71	-451.91	0.37	-0.37	0.00
14,117.00	89.19	178.89	10,448.76	-3,822.23	531.47	-451.69	1.81	1.81	-0.09
14,212.00	89.05	178.10	10,450.22	-3,917.19	533.97	-452.21	0.84	-0.15	-0.83
14,307.00	89.01	177.84	10,451.83	-4,012.11	537.33	-453.59	0.28	-0.04	-0.27
14,401.00	90.90	178.63	10,451.91	-4,106.06	540.23	-454.53	2.18	2.01	0.84
14,496.00	93.89	180.21	10,447.94	-4,200.96	541.19	-453.51	3.56	3.15	1.66
14,591.00	90.42	180.56	10,444.36	-4,295.88	540.55	-450.90	3.67	-3.65	0.37
14,687.00	87.82	179.86	10,445.84	-4,391.86	540.20	-448.54	2.80	-2.71	-0.73
14,782.00	89.93	180.39	10,447.70	-4,486.83	539.99	-446.36	2.29	2.22	0.56
14,878.00	89.23	180.30	10,448.41	-4,582.83	539.41	-443.78	0.74	-0.73	-0.09
14,973.00	89.71	179.95	10,449.29	-4,677.82	539.21	-441.59	0.63	0.51	-0.37
15,067.00	88.40	179.42	10,450.84	-4,771.81	539.72	-440.15	1.50	-1.39	-0.56
15,162.00	88.62	179.42	10,453.31	-4,866.77	540.68	-439.13	0.23	0.23	0.00
15,257.00	88.09	178.98	10,456.03	-4,961.72	542.01	-438.48	0.72	-0.56	-0.46
15,353.00	90.51	179.42	10,457.21	-5,057.70	543.35	-437.82	2.56	2.52	0.46
15,448.00	88.75	178.54	10,457.82	-5,152.68	545.04	-437.53	2.07	-1.85	-0.93
15,543.00	89.76	178.36	10,459.06	-5,247.63	547.61	-438.12	1.08	1.06	-0.19
15,638.00	91.56	178.98	10,457.96	-5,342.60	549.81	-438.34	2.00	1.89	0.65
15,732.00	89.71	178.45	10,456.92	-5,436.56	551.92	-438.49	2.05	-1.97	-0.56
15,827.00	89.01	177.75	10,457.98	-5,531.50	555.07	-439.66	1.04	-0.74	-0.74
15,922.00	88.70	177.40	10,459.88	-5,626.40	559.09	-441.70	0.49	-0.33	-0.37
16,017.00	90.99	178.10	10,460.14	-5,721.32	562.82	-443.45	2.52	2.41	0.74
16,112.00	90.73	178.01	10,458.71	-5,816.25	566.04	-444.70	0.29	-0.27	-0.09
16,207.00	90.81	178.28	10,457.43	-5,911.19	569.12	-445.79	0.30	0.08	0.28
16,302.00	89.93	177.49	10,456.82	-6,006.13	572.62	-447.32	1.24	-0.93	-0.83
16,397.00	92.09	179.33	10,455.15	-6,101.06	575.26	-447.98	2.99	2.27	1.94
16,492.00	89.58	178.63	10,453.76	-6,196.03	576.95	-447.69	2.74	-2.64	-0.74
16,587.00	91.16	179.95	10,453.15	-6,291.02	578.13	-446.88	2.17	1.66	1.39
16,682.00	91.87	180.74	10,450.64	-6,385.98	577.56	-444.33	1.12	0.75	0.83
16,777.00	87.21	178.54	10,451.40	-6,480.94	578.15	-442.95	5.42	-4.91	-2.32
16,871.00	89.32	178.98	10,454.24	-6,574.87	580.19	-443.02	2.29	2.24	0.47
16,966.00	90.86	179.59	10,454.10	-6,669.86	581.37	-442.23	1.74	1.62	0.64
17,061.00	90.77	180.30	10,452.74	-6,764.85	581.46	-440.34	0.75	-0.09	0.75
17,156.00	90.64	180.30	10,451.57	-6,859.84	580.97	-437.86	0.14	-0.14	0.00



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
17,251.00	92.70	180.91	10,448.81	-6,954.79	579.96	-434.88	2.26	2.17	0.64
17,346.00	95.16	181.79	10,442.30	-7,049.53	577.73	-430.68	2.75	2.59	0.93
17,441.00	95.21	181.88	10,433.71	-7,144.10	574.70	-425.68	0.11	0.05	0.09
17,536.00	94.37	183.11	10,425.78	-7,238.67	570.58	-419.59	1.56	-0.88	1.29
17,631.00	92.79	183.73	10,419.85	-7,333.31	564.92	-411.96	1.79	-1.66	0.65
17,726.00	88.75	181.18	10,418.57	-7,428.19	560.86	-405.91	5.03	-4.25	-2.68
17,820.00	88.00	182.41	10,421.23	-7,522.10	557.91	-401.02	1.53	-0.80	1.31
17,914.00	86.77	182.32	10,425.52	-7,615.93	554.04	-395.19	1.31	-1.31	-0.10
18,009.00	86.15	181.35	10,431.39	-7,710.69	551.00	-390.17	1.21	-0.65	-1.02
18,057.00	86.29	181.00	10,434.55	-7,758.58	550.02	-388.19	0.78	0.29	-0.73
18,151.00	89.32	181.62	10,438.15	-7,852.47	547.87	-384.09	3.29	3.22	0.66
18,246.00	88.75	181.09	10,439.75	-7,947.43	545.63	-379.87	0.82	-0.60	-0.56
18,341.00	91.21	180.56	10,439.79	-8,042.42	544.26	-376.52	2.65	2.59	-0.56
18,436.00	91.12	180.30	10,437.85	-8,137.39	543.55	-373.83	0.29	-0.09	-0.27
18,531.00	91.08	180.56	10,436.03	-8,232.37	542.83	-371.13	0.28	-0.04	0.27
18,625.00	90.68	179.59	10,434.59	-8,326.36	542.71	-369.05	1.12	-0.43	-1.03
18,721.00	88.04	177.31	10,435.66	-8,422.30	545.31	-369.65	3.63	-2.75	-2.37
18,816.00	87.87	177.66	10,439.05	-8,517.15	549.47	-371.84	0.41	-0.18	0.37
18,911.00	86.77	177.31	10,443.49	-8,611.96	553.64	-374.02	1.21	-1.16	-0.37
19,007.00	88.04	177.84	10,447.84	-8,707.77	557.69	-376.08	1.43	1.32	0.55
19,102.00	91.74	178.98	10,448.02	-8,802.71	560.33	-376.74	4.08	3.89	1.20
19,196.00	90.11	178.36	10,446.50	-8,896.67	562.51	-376.96	1.86	-1.73	-0.66
19,292.00	89.89	178.28	10,446.50	-8,992.63	565.33	-377.78	0.24	-0.23	-0.08
19,387.00	90.29	180.03	10,446.35	-9,087.62	566.73	-377.20	1.89	0.42	1.84
19,482.00	90.99	179.86	10,445.29	-9,182.61	566.82	-375.31	0.76	0.74	-0.18
19,576.00	91.16	179.77	10,443.53	-9,276.59	567.12	-373.65	0.20	0.18	-0.10
19,605.90	90.74	179.60	10,443.03	-9,306.49	567.28	-373.19	1.52	-1.42	-0.55
#214H Midpoint: 1000' FSL									
19,672.00	89.80	179.24	10,442.72	-9,372.58	567.95	-372.48	1.52	-1.42	-0.55
19,768.00	89.23	179.07	10,443.54	-9,468.57	569.37	-371.90	0.62	-0.59	-0.18
19,862.00	88.79	178.54	10,445.16	-9,562.54	571.33	-371.90	0.73	-0.47	-0.56
19,957.00	91.56	179.95	10,444.87	-9,657.51	572.58	-371.17	3.27	2.92	1.48
20,053.00	89.54	178.28	10,443.95	-9,753.49	574.06	-370.65	2.73	-2.10	-1.74
20,148.00	89.23	178.19	10,444.97	-9,848.44	576.99	-371.60	0.34	-0.33	-0.09
20,243.00	91.65	178.80	10,444.24	-9,943.40	579.48	-372.11	2.63	2.55	0.64
20,338.00	90.99	178.98	10,442.05	-10,038.35	581.32	-371.97	0.72	-0.69	0.19
20,434.00	91.30	178.45	10,440.13	-10,134.31	583.47	-372.12	0.64	0.32	-0.55
20,529.00	92.62	178.98	10,436.88	-10,229.23	585.60	-372.27	1.50	1.39	0.56
20,623.00	89.58	181.09	10,435.08	-10,323.19	585.54	-370.26	3.94	-3.23	2.24
20,718.00	89.71	181.09	10,435.67	-10,418.17	583.74	-366.47	0.14	0.14	0.00
20,814.00	91.87	182.41	10,434.34	-10,514.11	580.81	-361.54	2.64	2.25	1.37
20,909.00	90.02	182.14	10,432.78	-10,609.02	577.04	-355.79	1.97	-1.95	-0.28
21,004.00	90.99	182.76	10,431.94	-10,703.93	572.98	-349.76	1.21	1.02	0.65
21,099.00	94.24	183.99	10,427.61	-10,798.65	567.39	-342.20	3.66	3.42	1.29



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
21,194.00	91.08	183.73	10,423.20	-10,893.32	561.00	-333.84	3.34	-3.33	-0.27
21,289.00	94.29	183.37	10,418.75	-10,988.02	555.13	-325.99	3.40	3.38	-0.38
21,383.00	91.25	184.08	10,414.21	-11,081.70	549.03	-317.94	3.32	-3.23	0.76
21,478.00	90.46	182.85	10,412.79	-11,176.52	543.29	-310.22	1.54	-0.83	-1.29
21,573.00	90.20	181.88	10,412.24	-11,271.43	539.37	-304.33	1.06	-0.27	-1.02
21,669.00	89.93	179.77	10,412.13	-11,367.42	537.98	-300.94	2.22	-0.28	-2.20
21,764.00	89.80	179.51	10,412.36	-11,462.41	538.58	-299.56	0.31	-0.14	-0.27
21,859.00	89.98	179.15	10,412.54	-11,557.41	539.69	-298.69	0.42	0.19	-0.38
21,954.00	89.71	179.07	10,412.80	-11,652.40	541.17	-298.19	0.30	-0.28	-0.08
22,049.00	89.63	178.45	10,413.34	-11,747.37	543.22	-298.26	0.66	-0.08	-0.65
22,144.00	89.23	179.15	10,414.29	-11,842.34	545.21	-298.27	0.85	-0.42	0.74
22,239.00	89.19	178.80	10,415.60	-11,937.32	546.91	-297.99	0.37	-0.04	-0.37
22,334.00	88.75	178.36	10,417.31	-12,032.28	549.27	-298.37	0.65	-0.46	-0.46
22,429.00	89.58	179.86	10,418.69	-12,127.25	550.74	-297.86	1.80	0.87	1.58
22,525.00	88.79	178.89	10,420.06	-12,223.23	551.79	-296.91	1.30	-0.82	-1.01
22,620.00	90.90	180.82	10,420.31	-12,318.22	552.03	-295.17	3.01	2.22	2.03
22,715.00	92.92	182.76	10,417.15	-12,413.11	549.06	-290.23	2.95	2.13	2.04
22,811.00	91.12	181.26	10,413.76	-12,508.99	545.70	-284.87	2.44	-1.87	-1.56
22,905.00	90.33	180.91	10,412.57	-12,602.96	543.92	-281.13	0.92	-0.84	-0.37
23,000.00	89.01	180.12	10,413.12	-12,697.96	543.07	-278.29	1.62	-1.39	-0.83
23,096.00	89.10	179.77	10,414.70	-12,793.94	543.16	-276.39	0.38	0.09	-0.36
23,191.00	88.09	178.80	10,417.03	-12,888.90	544.34	-275.59	1.47	-1.06	-1.02
23,286.00	90.29	179.07	10,418.38	-12,983.87	546.11	-275.38	2.33	2.32	0.28
23,380.00	90.15	178.72	10,418.01	-13,077.85	547.92	-275.23	0.40	-0.15	-0.37
23,476.00	88.84	178.45	10,418.86	-13,173.82	550.29	-275.60	1.39	-1.36	-0.28
23,571.00	90.99	179.33	10,419.00	-13,268.79	552.13	-275.46	2.45	2.26	0.93
23,666.00	86.81	177.05	10,420.83	-13,363.70	555.13	-276.48	5.01	-4.40	-2.40
23,761.00	89.71	177.84	10,423.71	-13,458.55	559.36	-278.73	3.16	3.05	0.83
23,856.00	87.60	176.69	10,425.94	-13,553.41	563.89	-281.29	2.53	-2.22	-1.21
23,952.00	89.80	177.75	10,428.12	-13,649.27	568.55	-283.94	2.54	2.29	1.10
24,046.00	90.73	179.15	10,427.68	-13,743.23	571.09	-284.53	1.79	0.99	1.49
24,141.00	91.78	178.89	10,425.60	-13,838.19	572.71	-284.17	1.14	1.11	-0.27
24,236.00	91.25	178.63	10,423.09	-13,933.13	574.77	-284.25	0.62	-0.56	-0.27
24,331.00	91.25	178.01	10,421.02	-14,028.07	577.55	-285.05	0.65	0.00	-0.65
24,426.00	91.21	177.57	10,418.98	-14,122.98	581.22	-286.74	0.46	-0.04	-0.46
24,522.00	90.37	176.61	10,417.66	-14,218.84	586.09	-289.61	1.33	-0.87	-1.00
24,617.00	89.89	178.72	10,417.44	-14,313.76	589.96	-291.50	2.28	-0.51	2.22
24,712.00	90.55	178.36	10,417.07	-14,408.73	592.38	-291.94	0.79	0.69	-0.38
24,807.00	90.68	177.66	10,416.06	-14,503.66	595.68	-293.26	0.75	0.14	-0.74
24,902.00	89.49	177.31	10,415.91	-14,598.57	599.85	-295.45	1.31	-1.25	-0.37
24,997.00	91.25	177.13	10,415.30	-14,693.45	604.46	-298.08	1.86	1.85	-0.19
25,092.00	90.37	177.57	10,413.96	-14,788.34	608.85	-300.49	1.04	-0.93	0.46
25,187.00	89.93	177.13	10,413.71	-14,883.24	613.24	-302.91	0.66	-0.46	-0.46



Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #214H
Project:	Eddy Co., NM (Nad83 - East Zone)	TVD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Site:	Galapagos 14-26 Fed Com	MD Reference:	RKB = 30' @ 3504.60usft (Cactus 108)
Well:	#214H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
25,282.00	90.15	176.78	10,413.64	-14,978.10	618.29	-305.97	0.44	0.23	-0.37	
25,377.00	85.71	174.94	10,417.07	-15,072.76	625.14	-310.85	5.06	-4.67	-1.94	
25,473.00	86.77	174.85	10,423.37	-15,168.18	633.66	-317.38	1.11	1.10	-0.09	
25,568.00	86.59	174.58	10,428.87	-15,262.61	642.39	-324.15	0.34	-0.19	-0.28	
25,663.00	85.89	173.79	10,435.10	-15,356.92	652.00	-331.78	1.11	-0.74	-0.83	
25,743.00	85.98	172.91	10,440.77	-15,436.18	661.24	-339.37	1.10	0.11	-1.10	
25,784.75	85.98	172.91	10,443.70	-15,477.51	666.38	-343.65	0.00	0.00	0.00	
#214H LTP: 100' FSL										
25,795.48	85.98	172.91	10,444.45	-15,488.13	667.70	-344.75	0.00	0.00	0.00	
#214H LTP/ 100' FSL @ 25795.48' MD										
25,803.00	85.98	172.91	10,444.98	-15,495.58	668.63	-345.52	0.00	0.00	0.00	
TD: Y= 461885.53 / X= 722780.92 - Final Station Closure Distance= 15509.99 /Direction= 177.53 - Projection to Bit: 25803.00'										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
#214H LTP/ 100' FSL	0.00	0.00	10,444.45	-15,488.13	667.70	461,892.98	722,779.99	32.268454	-103.746300	
- hit/miss target										
- Shape										
- survey hits target center										
- Point										
#214H: FINAL TD @ 25803.00'	0.00	0.00	10,444.98	-15,495.58	668.63	461,885.53	722,780.91	32.268434	-103.746297	
- survey hits target center										
- Point										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
25,803.00	10,444.98	-15,495.58	668.63	TD: Y= 461885.53 / X= 722780.92	
25,803.00	10,444.98	-15,495.58	668.63	Final Station Closure Distance= 15509.99 /Direction= 177.53	
25,803.00	10,444.98	-15,495.58	668.63	Projection to Bit: 25803.00' MD/ 10444.98' TVD	
25,803.00	10,444.98	-15,495.58	668.63	TD: Latitude= 32.268434 / Longitude= -103.746297	

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.	30-015-47289
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	214H
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>B</u> : <u>250</u> feet from the <u>North</u> line and <u>2521</u> feet from the <u>East</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: 3474.6'	
---	--

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

NOTICE OF INTENTION TO:

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

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Completion ☒

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

3/24/2021 - 6/10/2021: MIRU WL & PT. TIH & ran CBL, found TOC @ 45'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Bone Spring, 10,523'-25,777'. Frac totals 30,161,114# prop, 30 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 25,787'. 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 Analyst DATE 7/16/2021

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. 30-015-47289								
		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: 214H				
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:	B	14	23S	31E		250	North	2521	East	Lea
BH:	O	26	23S	31E		96	South	1932	East	Lea
13. Date Spudded 12/2/20	14. Date T.D. Reached 1/15/21	15. Date Rig Released 1/21/21		16. Date Completed (Ready to Produce) 6/10/21		17. Elevations (DF and RKB, RT, GR, etc.) 3474.6' GL				
18. Total Measured Depth of Well 25803 MD, 10445 TVD		19. Plug Back Measured Depth 25787		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 10523-25777, 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	846	17.5	650 sx CIC; circ 108 sx						
10.75	45.5	4421	12.25	690 sx CIC; circ 206 sx						
8.625	32	8520	9.875	460 sx CIC; circ 0 sx	TOC @ 7000					
				Squeeze - 771 CIC ; circ 0						
5.5	20	25790	7.875	2819 sx cmt; circ 0 sx	TOC @ Surf					
24. LINER RECORD				25. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10523 - 25777, total 1804 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10523-25777 Acidize and frac in 61 stages. See detailed summary attached.						
28. PRODUCTION										
Date First Production 6/10/21		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 2205	Gas - MCF 2771	Water - Bbl. 4269	Gas - Oil Ratio 1256.689			
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	Rebecca Deal		Printed Name	Rebecca Deal	Title	Regulatory Analyst	Date 7/16/2021			
E-mail Address	Rebecca.Deal@dmn.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 36578

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 36578
	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
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 36578

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 36578
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/25/2021