

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 / 10/19/21
⁴ API Number 30-025-46479	⁵ Pool Name ; WC-025 G-06 S253206M; BONE SPRING	⁶ Pool Code 97899
⁷ Property Code 326213	⁸ Property Name CHINCOTEAGUE 8 32 FEDERAL STATE COM	⁹ Well Number 534H

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
H	8	25S	32E		2313	North	695	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
A	32	24S	32E		91	North	1212	East	LEA
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date 10/19/21	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
329657	Cotton Draw Midstream, L.L.C. 333 W. Sheridan Ave. Oklahoma City, OK 731702	GAS
371960	LUCID ENERGY DELAWARE, LLC 3100 Mckinnon St. Suite 800, Dallas TX 75201	GAS
020445	Plains Marketing P.O. Box 4648 Houston, TX 77210	Oil

IV. Well Completion Data

²¹ Spud Date 4/24/21	²² Ready Date 10/19/21	²³ TD 21865	²⁴ PBD 21843.2 MD/9064.4 TVD	²⁵ Perforations 9285 - 21833	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	829	645		
12.25	9 5/8	4636	675		
8.75	5.5	12024			
8.5	5.5	21845	2687		

V. Well Test Data Tubing set: 10/8/2021; 8563.3', 255 JNT, 2-7/8" L-80

³¹ Date New Oil 10/31/21	³² Gas Delivery Date 10/31/21	³³ Test Date 10/31/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 1362 bbl	³⁹ Water 3033 bbl	⁴⁰ Gas 2525 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: Jenny Harms			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Specialist			Title: PETROLEUM SPECIALIST		
E-mail Address: jenny.harms@dvn.com			Approval Date: 7/19/2024		
Date: 6/13/2022		Phone: 405-552-6560			

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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46479	² Pool Code 97899	³ Pool Name WC-025 G-06 S253206M; BONE SPRING
⁴ Property Code 326213	⁵ Property Name CHINCOTEAGUE 8-32 FED STATE COM	⁶ Well Number 534H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3437.9

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
H	8	25 S	32 E		2313	NORTH	695	EAST	LEA

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
A	32	24 S	32 E		91	NORTH	1212	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
800.83			

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.

AS-DRILLED LAST TAKE POINT 123' FNL, 1214' FEL LAT. = 32.1809407°N LONG. = 103.6920669°W N = 430152.24 E = 739732.89 AS-DRILLED BOTTOM OF HOLE LAT. = 32.1809407°N LONG. = 103.6920669°W N = 430152.24 E = 739732.89 CHINCOTEAGUE 8-32 FED STATE COM 634H ELEV. = 3437.9 LAT. = 32.1457849°N (NAD83) LONG. = 103.6908562°W N = 417365.24 E = 740183.80	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Jenny Harms</i> Signature Date 11-29-2021 JENNY HARMS Printed Name JENNY.HARMS@DVN.COM E-mail Address ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 24, 2021 Date of Survey <i>William F. Jaramilla</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 Surveyor No. 7010A
---	---

Intent ☐ As Drilled ☒

API #

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION CO., L.P.	CHINCOTEAGUE 8-32 FED STATE COM	534H

Kick Off Point (KOP)

UL H	Section 8	Township 25S	Range 32E	Lot	Feet 2537	From N/S NORTH	Feet 1231	From E/W EAST	County LEA
Latitude 32.1451617					Longitude 103.6925837			NAD 83	

First Take Point (FTP)

UL H	Section 8	Township 25S	Range 32E	Lot	Feet 2089	From N/S NORTH	Feet 1213	From E/W EAST	County LEA
Latitude 32.1463923					Longitude 103.6925312			NAD 83	

Last Take Point (LTP)

UL A	Section 32	Township 24S	Range 32E	Lot	Feet 123	From N/S NORTH	Feet 1214	From E/W EAST	County LEA
Latitude 32.1808530					Longitude 103.6920741			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



Devon Energy

Lea County, NM (NAD83 NME)
Chincoteague 8-32 Fed State Com
#534H

OH Wellbore

Design: As Drilled

Standard Survey Report

26 May, 2021



www.scientificdrilling.com



Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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

Site		Chincoteague 8-32 Fed State Com			
Site Position:		Northing:	417,469.66 usft	Latitude:	32.146132
From:	Map	Easting:	736,482.28 usft	Longitude:	-103.702814
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.34 °

Well	#534H					
Well Position	+N/-S	0.00 usft	Northing:	417,365.24 usft	Latitude:	32.145785
	+E/-W	0.00 usft	Easting:	740,183.80 usft	Longitude:	-103.690856
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,464.00 usft	Ground Level:	3,438.00 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	4/18/2021	6.48	59.75	47,643.90000000

Design	As Drilled				
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	357.98	

Survey Program	Date	5/26/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.00	21,865.00	Survey #1 (OH Wellbore)	MWD+IFR1+MS	MWD + IFR1 + Multi-Station Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.07	10.55	200.00	0.12	0.02	0.12	0.04	0.04	0.00	
294.00	0.20	348.82	294.00	0.34	0.00	0.34	0.15	0.14	-23.12	
385.00	0.11	343.14	385.00	0.58	-0.06	0.58	0.10	-0.10	-6.24	
476.00	0.12	307.73	476.00	0.72	-0.16	0.72	0.08	0.01	-38.91	
567.00	0.20	260.16	567.00	0.75	-0.39	0.76	0.16	0.09	-52.27	
658.00	0.47	240.83	658.00	0.54	-0.87	0.57	0.32	0.30	-21.24	
749.00	0.50	259.06	748.99	0.28	-1.59	0.34	0.17	0.03	20.03	
877.00	0.47	229.56	876.99	-0.16	-2.53	-0.07	0.19	-0.02	-23.05	
968.00	0.42	230.32	967.99	-0.62	-3.07	-0.51	0.06	-0.05	0.84	

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,059.00	0.72	253.93	1,058.98	-0.99	-3.88	-0.85	0.41	0.33	25.95
1,150.00	0.79	245.60	1,149.97	-1.41	-5.00	-1.23	0.14	0.08	-9.15
1,239.00	0.78	261.33	1,238.97	-1.75	-6.16	-1.53	0.24	-0.01	17.67
1,330.00	0.74	252.71	1,329.96	-2.02	-7.33	-1.76	0.13	-0.04	-9.47
1,422.00	0.71	241.53	1,421.95	-2.47	-8.40	-2.17	0.16	-0.03	-12.15
1,517.00	0.39	288.27	1,516.95	-2.65	-9.23	-2.32	0.55	-0.34	49.20
1,611.00	0.22	265.27	1,610.95	-2.56	-9.71	-2.22	0.22	-0.18	-24.47
1,706.00	0.51	280.07	1,705.94	-2.50	-10.31	-2.14	0.32	0.31	15.58
1,800.00	0.48	227.41	1,799.94	-2.70	-11.01	-2.31	0.47	-0.03	-56.02
1,894.00	0.27	316.24	1,893.94	-2.80	-11.45	-2.40	0.58	-0.22	94.50
1,989.00	0.38	252.46	1,988.94	-2.74	-11.91	-2.31	0.37	0.12	-67.14
2,084.00	0.26	280.16	2,083.94	-2.79	-12.42	-2.35	0.20	-0.13	29.16
2,179.00	0.19	189.12	2,178.94	-2.91	-12.66	-2.46	0.34	-0.07	-95.83
2,273.00	0.29	114.14	2,272.94	-3.16	-12.46	-2.72	0.32	0.11	-79.77
2,367.00	0.20	320.32	2,366.93	-3.13	-12.35	-2.69	0.51	-0.10	-163.64
2,462.00	0.14	342.80	2,461.93	-2.89	-12.49	-2.45	0.09	-0.06	23.66
2,556.00	0.59	239.17	2,555.93	-3.03	-12.94	-2.57	0.68	0.48	-110.24
2,651.00	1.72	234.41	2,650.91	-4.11	-14.52	-3.60	1.19	1.19	-5.01
2,746.00	3.05	231.72	2,745.83	-6.51	-17.66	-5.88	1.40	1.40	-2.83
2,840.00	4.69	239.89	2,839.61	-9.99	-22.95	-9.17	1.84	1.74	8.69
2,935.00	6.63	248.15	2,934.14	-13.98	-31.40	-12.86	2.21	2.04	8.69
3,030.00	7.42	250.95	3,028.43	-18.02	-42.29	-16.52	0.91	0.83	2.95
3,124.00	7.50	248.19	3,121.64	-22.28	-53.72	-20.37	0.39	0.09	-2.94
3,219.00	7.28	249.04	3,215.85	-26.74	-65.10	-24.42	0.26	-0.23	0.89
3,313.00	7.06	248.89	3,309.11	-30.95	-76.05	-28.25	0.23	-0.23	-0.16
3,408.00	6.43	247.58	3,403.45	-35.08	-86.42	-32.01	0.68	-0.66	-1.38
3,503.00	5.96	243.99	3,497.90	-39.27	-95.77	-35.87	0.64	-0.49	-3.78
3,597.00	6.30	248.06	3,591.36	-43.34	-104.94	-39.61	0.59	0.36	4.33
3,692.00	5.88	249.41	3,685.83	-47.00	-114.33	-42.94	0.47	-0.44	1.42
3,786.00	5.83	248.53	3,779.33	-50.44	-123.28	-46.06	0.11	-0.05	-0.94
3,881.00	4.98	246.94	3,873.91	-53.82	-131.56	-49.15	0.91	-0.89	-1.67
3,976.00	5.82	242.96	3,968.49	-57.62	-139.65	-52.66	0.97	0.88	-4.19
4,071.00	7.26	241.10	4,062.87	-62.71	-149.19	-57.42	1.53	1.52	-1.96
4,165.00	6.46	237.87	4,156.20	-68.40	-158.87	-62.75	0.94	-0.85	-3.44
4,260.00	6.57	233.39	4,250.58	-74.48	-167.76	-68.52	0.55	0.12	-4.72
4,355.00	6.91	236.78	4,344.93	-80.85	-176.90	-74.57	0.55	0.36	3.57
4,450.00	7.17	238.79	4,439.21	-87.06	-186.75	-80.42	0.38	0.27	2.12
4,544.00	6.70	240.14	4,532.52	-92.83	-196.53	-85.84	0.53	-0.50	1.44
4,590.00	6.49	240.41	4,578.22	-95.44	-201.11	-88.30	0.46	-0.46	0.59
4,716.00	5.89	240.31	4,703.48	-102.16	-212.92	-94.59	0.48	-0.48	-0.08
4,811.00	7.62	245.02	4,797.82	-107.24	-222.87	-99.32	1.91	1.82	4.96
4,906.00	7.74	244.51	4,891.97	-112.65	-234.35	-104.32	0.15	0.13	-0.54
5,001.00	7.58	243.08	4,986.12	-118.24	-245.71	-109.51	0.26	-0.17	-1.51
5,096.00	7.95	248.30	5,080.25	-123.51	-257.40	-114.36	0.84	0.39	5.49



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,191.00	8.40	250.40	5,174.29	-128.26	-270.04	-118.67	0.57	0.47	2.21	
5,285.00	8.59	250.31	5,267.25	-132.93	-283.12	-122.87	0.20	0.20	-0.10	
5,380.00	8.56	251.08	5,361.19	-137.61	-296.49	-127.08	0.12	-0.03	0.81	
5,474.00	8.20	248.88	5,454.19	-142.30	-309.36	-131.31	0.51	-0.38	-2.34	
5,569.00	7.73	249.03	5,548.27	-147.03	-321.65	-135.60	0.50	-0.49	0.16	
5,663.00	7.92	249.55	5,641.40	-151.55	-333.62	-139.70	0.22	0.20	0.55	
5,758.00	7.76	247.40	5,735.51	-156.30	-345.67	-144.02	0.35	-0.17	-2.26	
5,853.00	7.88	246.64	5,829.63	-161.35	-357.57	-148.65	0.17	0.13	-0.80	
5,948.00	8.09	248.10	5,923.70	-166.43	-369.75	-153.29	0.31	0.22	1.54	
6,043.00	8.02	248.59	6,017.77	-171.34	-382.12	-157.76	0.10	-0.07	0.52	
6,137.00	7.63	247.61	6,110.89	-176.11	-394.00	-162.11	0.44	-0.41	-1.04	
6,232.00	7.76	246.72	6,205.04	-181.05	-405.72	-166.63	0.19	0.14	-0.94	
6,327.00	7.86	247.57	6,299.15	-186.06	-417.62	-171.22	0.16	0.11	0.89	
6,421.00	8.04	247.35	6,392.25	-191.04	-429.62	-175.78	0.19	0.19	-0.23	
6,516.00	7.69	246.58	6,486.36	-196.13	-441.59	-180.44	0.38	-0.37	-0.81	
6,611.00	7.88	246.05	6,580.48	-201.30	-453.37	-185.19	0.21	0.20	-0.56	
6,706.00	7.81	245.66	6,674.59	-206.60	-465.20	-190.08	0.09	-0.07	-0.41	
6,801.00	6.40	244.21	6,768.86	-211.57	-475.85	-194.66	1.50	-1.48	-1.53	
6,896.00	5.83	252.00	6,863.32	-215.36	-485.21	-198.12	1.06	-0.60	8.20	
6,990.00	5.63	246.10	6,956.85	-218.70	-493.97	-201.16	0.66	-0.21	-6.28	
7,085.00	4.09	247.07	7,051.51	-221.91	-501.35	-204.10	1.62	-1.62	1.02	
7,179.00	4.28	244.75	7,145.26	-224.71	-507.61	-206.68	0.27	0.20	-2.47	
7,274.00	3.37	256.41	7,240.05	-226.88	-513.53	-208.64	1.26	-0.96	12.27	
7,368.00	1.47	263.35	7,333.96	-227.67	-517.41	-209.29	2.04	-2.02	7.38	
7,463.00	1.49	261.15	7,428.93	-228.00	-519.84	-209.54	0.06	0.02	-2.32	
7,557.00	1.69	261.13	7,522.89	-228.40	-522.42	-209.85	0.21	0.21	-0.02	
7,652.00	1.46	275.09	7,617.86	-228.51	-525.01	-209.87	0.47	-0.24	14.69	
7,747.00	1.71	272.05	7,712.82	-228.35	-527.63	-209.61	0.28	0.26	-3.20	
7,841.00	1.47	265.24	7,806.78	-228.40	-530.23	-209.57	0.32	-0.26	-7.24	
7,936.00	1.62	258.23	7,901.75	-228.78	-532.76	-209.86	0.25	0.16	-7.38	
8,030.00	0.27	218.33	7,995.73	-229.22	-534.20	-210.25	1.51	-1.44	-42.45	
8,125.00	0.44	183.03	8,090.73	-229.76	-534.36	-210.79	0.28	0.18	-37.16	
8,220.00	0.65	186.62	8,185.73	-230.66	-534.44	-211.68	0.22	0.22	3.78	
8,315.00	0.63	169.42	8,280.72	-231.71	-534.41	-212.73	0.20	-0.02	-18.11	
8,409.00	0.74	172.42	8,374.72	-232.82	-534.23	-213.85	0.12	0.12	3.19	
8,559.00	3.75	10.88	8,524.62	-228.96	-533.18	-210.03	2.97	2.01	-107.69	
8,654.00	12.54	7.19	8,618.57	-215.65	-531.30	-196.79	9.26	9.25	-3.88	
8,748.00	23.20	1.10	8,707.92	-186.93	-529.66	-168.15	11.50	11.34	-6.48	
8,843.00	35.91	1.15	8,790.39	-140.18	-528.74	-121.45	13.38	13.38	0.05	
8,938.00	45.76	1.48	8,862.17	-78.15	-527.30	-59.52	10.37	10.37	0.35	
9,032.00	53.19	1.05	8,923.21	-6.77	-525.73	11.77	7.91	7.90	-0.46	
9,127.00	60.34	2.47	8,975.25	72.60	-523.25	91.00	7.63	7.53	1.49	
9,222.00	66.74	0.64	9,017.56	157.57	-520.99	175.83	6.95	6.74	-1.93	



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,317.00	80.94	1.49	9,043.93	248.56	-519.27	266.71	14.97	14.95	0.89	
9,412.00	87.42	1.57	9,053.56	342.99	-516.75	360.99	6.82	6.82	0.08	
9,506.00	88.63	1.57	9,056.80	436.90	-514.17	454.75	1.29	1.29	0.00	
9,601.00	90.64	1.78	9,057.40	531.85	-511.40	549.54	2.13	2.12	0.22	
9,696.00	91.11	0.02	9,055.95	626.82	-509.90	644.41	1.92	0.49	-1.85	
9,791.00	90.03	359.84	9,055.01	721.82	-510.02	739.35	1.15	-1.14	-0.19	
9,885.00	88.05	0.91	9,056.58	815.80	-509.41	833.24	2.39	-2.11	1.14	
9,980.00	88.89	0.57	9,059.12	910.75	-508.18	928.10	0.95	0.88	-0.36	
10,075.00	90.77	0.44	9,059.40	1,005.74	-507.34	1,023.00	1.98	1.98	-0.14	
10,169.00	89.09	0.41	9,059.52	1,099.74	-506.65	1,116.91	1.79	-1.79	-0.03	
10,264.00	90.37	0.51	9,059.96	1,194.73	-505.88	1,211.82	1.35	1.35	0.11	
10,359.00	89.97	0.54	9,059.68	1,289.73	-505.01	1,306.73	0.42	-0.42	0.03	
10,454.00	91.88	0.86	9,058.15	1,384.70	-503.85	1,401.60	2.04	2.01	0.34	
10,549.00	91.17	359.90	9,055.62	1,479.67	-503.22	1,496.48	1.26	-0.75	-1.01	
10,644.00	89.20	358.95	9,055.31	1,574.65	-504.18	1,591.45	2.30	-2.07	-1.00	
10,738.00	87.45	358.25	9,058.06	1,668.58	-506.47	1,685.40	2.00	-1.86	-0.74	
10,833.00	87.15	357.74	9,062.54	1,763.42	-509.79	1,780.29	0.62	-0.32	-0.54	
10,928.00	88.82	357.99	9,065.88	1,858.29	-513.33	1,875.23	1.78	1.76	0.26	
11,022.00	89.83	0.57	9,066.98	1,952.27	-514.51	1,969.19	2.95	1.07	2.74	
11,117.00	88.96	0.12	9,067.99	2,047.26	-513.94	2,064.10	1.03	-0.92	-0.47	
11,211.00	89.90	359.92	9,068.92	2,141.25	-513.90	2,158.04	1.02	1.00	-0.21	
11,306.00	89.33	359.87	9,069.56	2,236.25	-514.08	2,252.98	0.60	-0.60	-0.05	
11,376.58	89.89	359.55	9,070.04	2,306.83	-514.43	2,323.53	0.91	0.79	-0.45	
Cross SL 8 into 5 - 11376.58 MD 9070.04 TVD										
11,400.00	90.07	359.45	9,070.05	2,330.25	-514.64	2,346.94	0.91	0.79	-0.45	
11,495.00	88.52	359.95	9,071.22	2,425.23	-515.13	2,441.89	1.71	-1.63	0.53	
11,590.00	88.32	359.22	9,073.84	2,520.20	-515.82	2,536.81	0.80	-0.21	-0.77	
11,685.00	87.82	359.95	9,077.04	2,615.14	-516.51	2,631.72	0.93	-0.53	0.77	
11,779.00	87.18	358.50	9,081.14	2,709.04	-517.78	2,725.60	1.68	-0.68	-1.54	
11,874.00	88.86	359.99	9,084.42	2,803.97	-519.03	2,820.52	2.36	1.77	1.57	
11,994.00	91.38	0.42	9,084.17	2,923.96	-518.60	2,940.42	2.13	2.10	0.36	
12,089.00	92.35	0.83	9,081.08	3,018.90	-517.56	3,035.27	1.11	1.02	0.43	
12,183.00	91.71	0.54	9,077.75	3,112.83	-516.44	3,129.10	0.75	-0.68	-0.31	
12,278.00	90.30	0.89	9,076.08	3,207.81	-515.26	3,223.98	1.53	-1.48	0.37	
12,373.00	90.77	1.79	9,075.20	3,302.78	-513.03	3,318.81	1.07	0.49	0.95	
12,467.00	90.74	2.31	9,073.96	3,396.71	-509.67	3,412.56	0.55	-0.03	0.55	
12,562.00	88.62	2.12	9,074.49	3,491.63	-506.00	3,507.30	2.24	-2.23	-0.20	
12,657.00	91.65	2.07	9,074.26	3,586.55	-502.53	3,602.04	3.19	3.19	-0.05	
12,751.00	91.78	2.94	9,071.45	3,680.42	-498.42	3,695.70	0.94	0.14	0.93	
12,846.00	88.25	1.29	9,071.43	3,775.34	-494.92	3,790.44	4.10	-3.72	-1.74	
12,941.00	88.29	1.13	9,074.29	3,870.27	-492.91	3,885.24	0.17	0.04	-0.17	
13,035.00	87.98	0.39	9,077.35	3,964.22	-491.66	3,979.08	0.85	-0.33	-0.79	
13,130.00	87.75	359.57	9,080.89	4,059.15	-491.70	4,073.96	0.90	-0.24	-0.86	
13,225.00	89.63	359.71	9,083.06	4,154.12	-492.29	4,168.89	1.98	1.98	0.15	

Scientific Drilling, Intl

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,319.00	87.75	358.86	9,085.21	4,248.08	-493.47	4,262.83	2.19	-2.00	-0.90
13,414.00	88.86	358.67	9,088.02	4,343.02	-495.51	4,357.78	1.19	1.17	-0.20
13,509.00	89.90	358.95	9,089.05	4,437.99	-497.49	4,452.77	1.13	1.09	0.29
13,603.00	89.80	359.70	9,089.30	4,531.98	-498.59	4,546.74	0.80	-0.11	0.80
13,698.00	89.36	0.81	9,089.99	4,626.98	-498.17	4,641.66	1.26	-0.46	1.17
13,793.00	89.70	1.23	9,090.77	4,721.96	-496.48	4,736.52	0.57	0.36	0.44
13,887.00	89.87	2.77	9,091.13	4,815.90	-493.20	4,830.29	1.65	0.18	1.64
13,982.00	89.06	1.39	9,092.01	4,910.83	-489.75	4,925.04	1.68	-0.85	-1.45
14,077.00	87.92	0.33	9,094.52	5,005.78	-488.33	5,019.88	1.64	-1.20	-1.12
14,171.00	89.36	0.35	9,096.75	5,099.75	-487.77	5,113.77	1.53	1.53	0.02
14,266.00	88.99	0.75	9,098.12	5,194.73	-486.86	5,208.67	0.57	-0.39	0.42
14,360.00	88.96	0.41	9,099.80	5,288.71	-485.90	5,302.55	0.36	-0.03	-0.36
14,455.00	91.24	0.89	9,099.63	5,383.70	-484.83	5,397.45	2.45	2.40	0.51
14,549.00	90.24	359.07	9,098.42	5,477.69	-484.86	5,491.37	2.21	-1.06	-1.94
14,644.00	87.98	357.81	9,099.89	5,572.63	-487.45	5,586.35	2.72	-2.38	-1.33
14,739.00	87.88	358.43	9,103.32	5,667.52	-490.56	5,681.29	0.66	-0.11	0.65
14,833.00	89.63	358.76	9,105.37	5,761.47	-492.86	5,775.26	1.89	1.86	0.35
14,928.00	88.69	0.09	9,106.76	5,856.45	-493.82	5,870.21	1.71	-0.99	1.40
15,023.00	90.03	0.44	9,107.82	5,951.44	-493.38	5,965.13	1.46	1.41	0.37
15,118.00	88.89	0.24	9,108.72	6,046.43	-492.81	6,060.04	1.22	-1.20	-0.21
15,212.00	89.76	0.13	9,109.82	6,140.42	-492.51	6,153.97	0.93	0.93	-0.12
15,307.00	88.59	359.74	9,111.19	6,235.41	-492.62	6,248.90	1.30	-1.23	-0.41
15,402.00	89.83	0.31	9,112.50	6,330.40	-492.58	6,343.83	1.44	1.31	0.60
15,497.00	89.46	0.42	9,113.09	6,425.40	-491.97	6,438.74	0.41	-0.39	0.12
15,591.00	90.97	1.00	9,112.74	6,519.38	-490.81	6,532.63	1.72	1.61	0.62
15,686.00	89.97	359.80	9,111.96	6,614.38	-490.14	6,627.54	1.64	-1.05	-1.26
15,780.00	90.87	359.68	9,111.27	6,708.37	-490.57	6,721.50	0.97	0.96	-0.13
15,875.00	89.56	358.92	9,110.91	6,803.36	-491.73	6,816.47	1.59	-1.38	-0.80
15,970.00	90.64	358.34	9,110.75	6,898.33	-494.00	6,911.46	1.29	1.14	-0.61
16,065.00	89.53	358.18	9,110.60	6,993.29	-496.89	7,006.46	1.18	-1.17	-0.17
16,160.00	90.40	357.99	9,110.66	7,088.23	-500.06	7,101.45	0.94	0.92	-0.20
16,254.00	90.24	358.78	9,110.14	7,182.19	-502.71	7,195.45	0.86	-0.17	0.84
16,349.00	92.12	359.37	9,108.18	7,277.16	-504.24	7,290.41	2.07	1.98	0.62
16,444.00	90.97	359.96	9,105.62	7,372.12	-504.80	7,385.33	1.36	-1.21	0.62
16,539.00	89.73	359.65	9,105.04	7,467.11	-505.12	7,480.28	1.35	-1.31	-0.33
16,633.00	89.26	359.63	9,105.87	7,561.11	-505.71	7,574.23	0.50	-0.50	-0.02
16,667.10	88.75	359.15	9,106.46	7,595.20	-506.08	7,608.32	2.05	-1.48	-1.42
Cross SL 5 into 32 - 16667.1 MD 9106.46 TVD									
16,728.00	87.85	358.28	9,108.26	7,656.06	-507.44	7,669.19	2.05	-1.48	-1.42
16,823.00	89.19	356.90	9,110.72	7,750.94	-511.44	7,764.15	2.02	1.41	-1.45
16,918.00	90.34	357.91	9,111.11	7,845.84	-515.74	7,859.14	1.61	1.21	1.06
17,013.00	93.84	359.68	9,107.64	7,940.73	-517.74	7,954.05	4.13	3.68	1.86
17,107.00	92.22	359.11	9,102.67	8,034.59	-518.73	8,047.88	1.83	-1.72	-0.61



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,202.00	90.44	358.39	9,100.47	8,129.54	-520.80	8,142.85	2.02	-1.87	-0.76
17,297.00	88.89	358.97	9,101.02	8,224.51	-522.99	8,237.83	1.74	-1.63	0.61
17,392.00	88.89	359.05	9,102.87	8,319.48	-524.63	8,332.80	0.08	0.00	0.08
17,487.00	90.24	358.79	9,103.59	8,414.46	-526.42	8,427.78	1.45	1.42	-0.27
17,582.00	90.44	358.86	9,103.02	8,509.43	-528.37	8,522.77	0.22	0.21	0.07
17,677.00	90.20	359.61	9,102.49	8,604.42	-529.64	8,617.75	0.83	-0.25	0.79
17,771.00	92.18	0.21	9,100.54	8,698.40	-529.78	8,711.67	2.20	2.11	0.64
17,866.00	91.08	0.05	9,097.84	8,793.36	-529.57	8,806.56	1.17	-1.16	-0.17
17,960.00	91.38	0.31	9,095.82	8,887.34	-529.27	8,900.47	0.42	0.32	0.28
18,054.00	91.55	2.02	9,093.42	8,981.28	-527.36	8,994.29	1.83	0.18	1.82
18,149.00	91.31	4.15	9,091.05	9,076.11	-522.25	9,088.88	2.26	-0.25	2.24
18,243.00	90.67	4.18	9,089.42	9,169.85	-515.43	9,182.32	0.68	-0.68	0.03
18,338.00	87.88	2.14	9,090.62	9,264.68	-510.19	9,276.91	3.64	-2.94	-2.15
18,433.00	88.66	1.42	9,093.49	9,359.59	-507.24	9,371.65	1.12	0.82	-0.76
18,527.00	90.54	1.96	9,094.15	9,453.54	-504.47	9,465.45	2.08	2.00	0.57
18,622.00	92.72	1.33	9,091.45	9,548.46	-501.74	9,560.21	2.39	2.29	-0.66
18,717.00	93.09	1.70	9,086.63	9,643.30	-499.23	9,654.91	0.55	0.39	0.39
18,811.00	91.41	0.95	9,082.94	9,737.20	-497.06	9,748.67	1.96	-1.79	-0.80
18,906.00	88.82	0.67	9,082.75	9,832.18	-495.72	9,843.55	2.74	-2.73	-0.29
19,000.00	89.33	0.75	9,084.27	9,926.16	-494.56	9,937.43	0.55	0.54	0.09
19,095.00	91.44	1.32	9,083.63	10,021.14	-492.84	10,032.28	2.30	2.22	0.60
19,189.00	91.24	0.93	9,081.43	10,115.10	-490.99	10,126.12	0.47	-0.21	-0.41
19,284.00	89.63	0.56	9,080.71	10,210.08	-489.76	10,221.00	1.74	-1.69	-0.39
19,379.00	92.39	1.26	9,079.04	10,305.05	-488.25	10,315.85	3.00	2.91	0.74
19,473.00	92.02	0.28	9,075.42	10,398.97	-486.99	10,409.67	1.11	-0.39	-1.04
19,568.00	90.30	0.23	9,073.50	10,493.94	-486.57	10,504.57	1.81	-1.81	-0.05
19,662.00	89.26	1.77	9,073.86	10,587.92	-484.93	10,598.44	1.98	-1.11	1.64
19,757.00	91.68	2.55	9,073.08	10,682.84	-481.35	10,693.17	2.68	2.55	0.82
19,852.00	92.35	0.52	9,069.74	10,777.75	-478.80	10,787.93	2.25	0.71	-2.14
19,947.00	87.75	359.47	9,069.65	10,872.72	-478.81	10,882.84	4.97	-4.84	-1.11
20,041.00	88.32	359.76	9,072.88	10,966.66	-479.44	10,976.75	0.68	0.61	0.31
20,136.00	88.15	358.82	9,075.80	11,061.61	-480.62	11,071.68	1.01	-0.18	-0.99
20,230.00	89.13	359.14	9,078.03	11,155.57	-482.29	11,165.63	1.10	1.04	0.34
20,325.00	90.40	359.83	9,078.42	11,250.56	-483.15	11,260.60	1.52	1.34	0.73
20,419.00	90.47	0.98	9,077.71	11,344.55	-482.48	11,354.51	1.23	0.07	1.22
20,514.00	90.40	1.21	9,076.99	11,439.53	-480.67	11,449.37	0.25	-0.07	0.24
20,609.00	90.84	2.16	9,075.96	11,534.48	-477.87	11,544.16	1.10	0.46	1.00
20,703.00	91.28	2.22	9,074.22	11,628.40	-474.28	11,637.89	0.47	0.47	0.06
20,798.00	92.08	2.18	9,071.44	11,723.29	-470.64	11,732.59	0.84	0.84	-0.04
20,893.00	91.45	1.31	9,068.51	11,818.20	-467.74	11,827.34	1.13	-0.66	-0.92
20,987.00	90.47	0.21	9,066.94	11,912.17	-466.50	11,921.21	1.57	-1.04	-1.17
21,082.00	88.99	0.76	9,067.38	12,007.17	-465.69	12,016.12	1.66	-1.56	0.58
21,177.00	89.23	359.81	9,068.86	12,102.15	-465.22	12,111.03	1.03	0.25	-1.00



Scientific Drilling, Intl Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
21,272.00	89.36	359.50	9,070.03	12,197.14	-465.79	12,205.98	0.35	0.14	-0.33
21,366.00	90.64	0.23	9,070.03	12,291.14	-466.02	12,299.93	1.57	1.36	0.78
21,461.00	89.80	0.33	9,069.66	12,386.14	-465.55	12,394.85	0.89	-0.88	0.11
21,556.00	90.64	0.85	9,069.30	12,481.13	-464.57	12,489.75	1.04	0.88	0.55
21,650.00	90.91	2.14	9,068.03	12,575.09	-462.12	12,583.56	1.40	0.29	1.37
21,745.00	91.38	2.65	9,066.13	12,669.98	-458.15	12,678.26	0.73	0.49	0.54
21,803.00	90.84	3.65	9,065.00	12,727.89	-454.96	12,736.01	1.96	-0.93	1.72
21,853.39	90.84	3.65	9,064.27	12,778.17	-451.76	12,786.15	0.00	0.00	0.00
Cross HL 100 FNL - 21853.39 MD 9064.27 TVD									
21,865.00	90.84	3.65	9,064.10	12,789.75	-451.02	12,797.70	0.00	0.00	0.00
Actual BH: 88.3 FNL 1212.7 FEL - 21865 MD 9064.1 TVD - Y-430154.99 X-739732.78 - 32.180948° N 103.692067° W									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,376.58	9,070.04	2,306.83	-514.43	Cross SL 8 into 5
11,376.58	9,070.04	2,306.83	-514.43	11376.58 MD 9070.04 TVD
16,667.10	9,106.46	7,595.20	-506.08	Cross SL 5 into 32
16,667.10	9,106.46	7,595.20	-506.08	16667.1 MD 9106.46 TVD
21,853.39	9,064.27	12,778.17	-451.76	Cross HL 100 FNL
21,853.39	9,064.27	12,778.17	-451.76	21853.39 MD 9064.27 TVD
21,865.00	9,064.10	12,789.75	-451.02	Actual BH: 88.3 FNL 1212.7 FEL
21,865.00	9,064.10	12,789.75	-451.02	21865 MD 9064.1 TVD
21,865.00	9,064.10	12,789.75	-451.02	Y-430154.99 X-739732.78
21,865.00	9,064.10	12,789.75	-451.02	32.180948° N 103.692067° W

Checked By: _____ Approved By: _____ Date: _____



Devon Energy

Lea County, NM (NAD83 NME)
Chincoteague 8-32 Fed State Com
#534H

OH Wellbore

Design: As Drilled

Survey Report - Geographic

26 May, 2021



www.scientificdrilling.com





Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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

Site		Chincoteague 8-32 Fed State Com			
Site Position:		Northing:	417,469.66 usft	Latitude:	32.146132
From:	Map	Easting:	736,482.28 usft	Longitude:	-103.702814
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.34 °

Well	#534H					
Well Position	+N/-S	0.00 usft	Northing:	417,365.24 usft	Latitude:	32.145785
	+E/-W	0.00 usft	Easting:	740,183.80 usft	Longitude:	-103.690856
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,464.00 usft	Ground Level:	3,438.00 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	4/18/2021	6.48	59.75	47,643.90000000

Design	As Drilled				
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	357.98	

Survey Program	Date	5/26/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.00	21,865.00	Survey #1 (OH Wellbore)	MWD+IFR1+MS	MWD + IFR1 + Multi-Station Correction	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	417,365.24	740,183.80	32.145785	-103.690856
200.00	0.07	10.55	200.00	0.12	0.02	417,365.36	740,183.82	32.145785	-103.690856
294.00	0.20	348.82	294.00	0.34	0.00	417,365.58	740,183.80	32.145786	-103.690856
385.00	0.11	343.14	385.00	0.58	-0.06	417,365.82	740,183.74	32.145787	-103.690857
476.00	0.12	307.73	476.00	0.72	-0.16	417,365.96	740,183.64	32.145787	-103.690857
567.00	0.20	260.16	567.00	0.75	-0.39	417,365.99	740,183.41	32.145787	-103.690858
658.00	0.47	240.83	658.00	0.54	-0.87	417,365.78	740,182.93	32.145786	-103.690859
749.00	0.50	259.06	748.99	0.28	-1.59	417,365.52	740,182.21	32.145786	-103.690862
877.00	0.47	229.56	876.99	-0.16	-2.53	417,365.08	740,181.26	32.145785	-103.690865
968.00	0.42	230.32	967.99	-0.62	-3.07	417,364.62	740,180.72	32.145783	-103.690866
1,059.00	0.72	253.93	1,058.98	-0.99	-3.88	417,364.25	740,179.92	32.145782	-103.690869
1,150.00	0.79	245.60	1,149.97	-1.41	-5.00	417,363.83	740,178.80	32.145781	-103.690873



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,239.00	0.78	261.33	1,238.97	-1.75	-6.16	417,363.49	740,177.64	32.145780	-103.690876
1,330.00	0.74	252.71	1,329.96	-2.02	-7.33	417,363.22	740,176.46	32.145780	-103.690880
1,422.00	0.71	241.53	1,421.95	-2.47	-8.40	417,362.77	740,175.40	32.145778	-103.690884
1,517.00	0.39	288.27	1,516.95	-2.65	-9.23	417,362.59	740,174.57	32.145778	-103.690886
1,611.00	0.22	265.27	1,610.95	-2.56	-9.71	417,362.68	740,174.09	32.145778	-103.690888
1,706.00	0.51	280.07	1,705.94	-2.50	-10.31	417,362.74	740,173.49	32.145778	-103.690890
1,800.00	0.48	227.41	1,799.94	-2.70	-11.01	417,362.54	740,172.79	32.145778	-103.690892
1,894.00	0.27	316.24	1,893.94	-2.80	-11.45	417,362.44	740,172.34	32.145777	-103.690894
1,989.00	0.38	252.46	1,988.94	-2.74	-11.91	417,362.50	740,171.89	32.145778	-103.690895
2,084.00	0.26	280.16	2,083.94	-2.79	-12.42	417,362.45	740,171.38	32.145778	-103.690897
2,179.00	0.19	189.12	2,178.94	-2.91	-12.66	417,362.33	740,171.14	32.145777	-103.690897
2,273.00	0.29	114.14	2,272.94	-3.16	-12.46	417,362.08	740,171.33	32.145776	-103.690897
2,367.00	0.20	320.32	2,366.93	-3.13	-12.35	417,362.11	740,171.44	32.145777	-103.690896
2,462.00	0.14	342.80	2,461.93	-2.89	-12.49	417,362.35	740,171.30	32.145777	-103.690897
2,556.00	0.59	239.17	2,555.93	-3.03	-12.94	417,362.21	740,170.86	32.145777	-103.690898
2,651.00	1.72	234.41	2,650.91	-4.11	-14.52	417,361.13	740,169.28	32.145774	-103.690903
2,746.00	3.05	231.72	2,745.83	-6.51	-17.66	417,358.73	740,166.13	32.145767	-103.690914
2,840.00	4.69	239.89	2,839.61	-9.99	-22.95	417,355.25	740,160.84	32.145758	-103.690931
2,935.00	6.63	248.15	2,934.14	-13.98	-31.40	417,351.26	740,152.39	32.145747	-103.690958
3,030.00	7.42	250.95	3,028.43	-18.02	-42.29	417,347.22	740,141.50	32.145736	-103.690993
3,124.00	7.50	248.19	3,121.64	-22.28	-53.72	417,342.96	740,130.07	32.145725	-103.691030
3,219.00	7.28	249.04	3,215.85	-26.74	-65.10	417,338.50	740,118.69	32.145713	-103.691067
3,313.00	7.06	248.89	3,309.11	-30.95	-76.05	417,334.29	740,107.74	32.145701	-103.691103
3,408.00	6.43	247.58	3,403.45	-35.08	-86.42	417,330.16	740,097.38	32.145690	-103.691136
3,503.00	5.96	243.99	3,497.90	-39.27	-95.77	417,325.97	740,088.03	32.145679	-103.691167
3,597.00	6.30	248.06	3,591.36	-43.34	-104.94	417,321.90	740,078.86	32.145668	-103.691196
3,692.00	5.88	249.41	3,685.83	-47.00	-114.33	417,318.24	740,069.47	32.145658	-103.691227
3,786.00	5.83	248.53	3,779.33	-50.44	-123.28	417,314.80	740,060.52	32.145648	-103.691256
3,881.00	4.98	246.94	3,873.91	-53.82	-131.56	417,311.42	740,052.24	32.145639	-103.691283
3,976.00	5.82	242.96	3,968.49	-57.62	-139.65	417,307.62	740,044.15	32.145629	-103.691309
4,071.00	7.26	241.10	4,062.87	-62.71	-149.19	417,302.53	740,034.61	32.145615	-103.691340
4,165.00	6.46	237.87	4,156.20	-68.40	-158.87	417,296.84	740,024.93	32.145600	-103.691371
4,260.00	6.57	233.39	4,250.58	-74.48	-167.76	417,290.76	740,016.04	32.145583	-103.691400
4,355.00	6.91	236.78	4,344.93	-80.85	-176.90	417,284.39	740,006.90	32.145566	-103.691430
4,450.00	7.17	238.79	4,439.21	-87.06	-186.75	417,278.18	739,997.04	32.145549	-103.691461
4,544.00	6.70	240.14	4,532.52	-92.83	-196.53	417,272.41	739,987.27	32.145533	-103.691493
4,590.00	6.49	240.41	4,578.22	-95.44	-201.11	417,269.79	739,982.68	32.145526	-103.691508
4,716.00	5.89	240.31	4,703.48	-102.16	-212.92	417,263.08	739,970.87	32.145508	-103.691546
4,811.00	7.62	245.02	4,797.82	-107.24	-222.87	417,258.00	739,960.93	32.145494	-103.691579
4,906.00	7.74	244.51	4,891.97	-112.65	-234.35	417,252.59	739,949.45	32.145479	-103.691616
5,001.00	7.58	243.08	4,986.12	-118.24	-245.71	417,247.00	739,938.08	32.145464	-103.691653
5,096.00	7.95	248.30	5,080.25	-123.51	-257.40	417,241.73	739,926.39	32.145450	-103.691690
5,191.00	8.40	250.40	5,174.29	-128.26	-270.04	417,236.98	739,913.75	32.145437	-103.691731
5,285.00	8.59	250.31	5,267.25	-132.93	-283.12	417,232.31	739,900.68	32.145424	-103.691774
5,380.00	8.56	251.08	5,361.19	-137.61	-296.49	417,227.62	739,887.31	32.145412	-103.691817
5,474.00	8.20	248.88	5,454.19	-142.30	-309.36	417,222.94	739,874.44	32.145399	-103.691859
5,569.00	7.73	249.03	5,548.27	-147.03	-321.65	417,218.21	739,862.15	32.145386	-103.691898
5,663.00	7.92	249.55	5,641.40	-151.55	-333.62	417,213.69	739,850.18	32.145374	-103.691937
5,758.00	7.76	247.40	5,735.51	-156.30	-345.67	417,208.94	739,838.13	32.145361	-103.691976
5,853.00	7.88	246.64	5,829.63	-161.35	-357.57	417,203.89	739,826.23	32.145347	-103.692015
5,948.00	8.09	248.10	5,923.70	-166.43	-369.75	417,198.81	739,814.05	32.145334	-103.692054
6,043.00	8.02	248.59	6,017.77	-171.34	-382.12	417,193.90	739,801.67	32.145320	-103.692094
6,137.00	7.63	247.61	6,110.89	-176.11	-394.00	417,189.13	739,789.80	32.145307	-103.692133
6,232.00	7.76	246.72	6,205.04	-181.05	-405.72	417,184.19	739,778.08	32.145294	-103.692171
6,327.00	7.86	247.57	6,299.15	-186.06	-417.62	417,179.18	739,766.18	32.145280	-103.692209



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,421.00	8.04	247.35	6,392.25	-191.04	-429.62	417,174.20	739,754.17	32.145267	-103.692248
6,516.00	7.69	246.58	6,486.36	-196.13	-441.59	417,169.11	739,742.21	32.145253	-103.692287
6,611.00	7.88	246.05	6,580.48	-201.30	-453.37	417,163.94	739,730.42	32.145239	-103.692325
6,706.00	7.81	245.66	6,674.59	-206.60	-465.20	417,158.64	739,718.59	32.145225	-103.692363
6,801.00	6.40	244.21	6,768.86	-211.57	-475.85	417,153.67	739,707.94	32.145211	-103.692398
6,896.00	5.83	252.00	6,863.32	-215.36	-485.21	417,149.88	739,698.59	32.145201	-103.692428
6,990.00	5.63	246.10	6,956.85	-218.70	-493.97	417,146.54	739,689.83	32.145192	-103.692457
7,085.00	4.09	247.07	7,051.51	-221.91	-501.35	417,143.33	739,682.45	32.145183	-103.692480
7,179.00	4.28	244.75	7,145.26	-224.71	-507.61	417,140.53	739,676.19	32.145176	-103.692501
7,274.00	3.37	256.41	7,240.05	-226.88	-513.53	417,138.36	739,670.27	32.145170	-103.692520
7,368.00	1.47	263.35	7,333.96	-227.67	-517.41	417,137.57	739,666.39	32.145168	-103.692533
7,463.00	1.49	261.15	7,428.93	-228.00	-519.84	417,137.24	739,663.95	32.145167	-103.692540
7,557.00	1.69	261.13	7,522.89	-228.40	-522.42	417,136.84	739,661.38	32.145166	-103.692549
7,652.00	1.46	275.09	7,617.86	-228.51	-525.01	417,136.73	739,658.79	32.145165	-103.692557
7,747.00	1.71	272.05	7,712.82	-228.35	-527.63	417,136.88	739,656.17	32.145166	-103.692566
7,841.00	1.47	265.24	7,806.78	-228.40	-530.23	417,136.83	739,653.56	32.145166	-103.692574
7,936.00	1.62	258.23	7,901.75	-228.78	-532.76	417,136.46	739,651.03	32.145165	-103.692582
8,030.00	0.27	218.33	7,995.73	-229.22	-534.20	417,136.01	739,649.60	32.145164	-103.692587
8,125.00	0.44	183.03	8,090.73	-229.76	-534.36	417,135.47	739,649.44	32.145162	-103.692587
8,220.00	0.65	186.62	8,185.73	-230.66	-534.44	417,134.58	739,649.36	32.145160	-103.692588
8,315.00	0.63	169.42	8,280.72	-231.71	-534.41	417,133.53	739,649.39	32.145157	-103.692587
8,409.00	0.74	172.42	8,374.72	-232.82	-534.23	417,132.42	739,649.56	32.145154	-103.692587
8,559.00	3.75	10.88	8,524.62	-228.96	-533.18	417,136.28	739,650.62	32.145164	-103.692583
8,654.00	12.54	7.19	8,618.57	-215.65	-531.30	417,149.59	739,652.50	32.145201	-103.692577
8,748.00	23.20	1.10	8,707.92	-186.93	-529.66	417,178.31	739,654.14	32.145280	-103.692571
8,843.00	35.91	1.15	8,790.39	-140.18	-528.74	417,225.06	739,655.06	32.145408	-103.692567
8,938.00	45.76	1.48	8,862.17	-78.15	-527.30	417,287.09	739,656.50	32.145579	-103.692562
9,032.00	53.19	1.05	8,923.21	-6.77	-525.73	417,358.47	739,658.06	32.145775	-103.692555
9,127.00	60.34	2.47	8,975.25	72.60	-523.25	417,437.84	739,660.54	32.145993	-103.692546
9,222.00	66.74	0.64	9,017.56	157.57	-520.99	417,522.81	739,662.81	32.146227	-103.692537
9,317.00	80.94	1.49	9,043.93	248.56	-519.27	417,613.80	739,664.53	32.146477	-103.692529
9,412.00	87.42	1.57	9,053.56	342.99	-516.75	417,708.23	739,667.05	32.146736	-103.692519
9,506.00	88.63	1.57	9,056.80	436.90	-514.17	417,802.14	739,669.62	32.146994	-103.692509
9,601.00	90.64	1.78	9,057.40	531.85	-511.40	417,897.09	739,672.40	32.147255	-103.692498
9,696.00	91.11	0.02	9,055.95	626.82	-509.90	417,992.06	739,673.89	32.147516	-103.692492
9,791.00	90.03	359.84	9,055.01	721.82	-510.02	418,087.06	739,673.78	32.147777	-103.692490
9,885.00	88.05	0.91	9,056.58	815.80	-509.41	418,181.03	739,674.39	32.148036	-103.692487
9,980.00	88.89	0.57	9,059.12	910.75	-508.18	418,275.99	739,675.62	32.148297	-103.692481
10,075.00	90.77	0.44	9,059.40	1,005.74	-507.34	418,370.98	739,676.45	32.148558	-103.692476
10,169.00	89.09	0.41	9,059.52	1,099.74	-506.65	418,464.98	739,677.15	32.148816	-103.692472
10,264.00	90.37	0.51	9,059.96	1,194.73	-505.88	418,559.97	739,677.91	32.149077	-103.692468
10,359.00	89.97	0.54	9,059.68	1,289.73	-505.01	418,654.97	739,678.78	32.149338	-103.692463
10,454.00	91.88	0.86	9,058.15	1,384.70	-503.85	418,749.94	739,679.94	32.149599	-103.692458
10,549.00	91.17	359.90	9,055.62	1,479.67	-503.22	418,844.91	739,680.57	32.149860	-103.692454
10,644.00	89.20	358.95	9,055.31	1,574.65	-504.18	418,939.89	739,679.62	32.150122	-103.692455
10,738.00	87.45	358.25	9,058.06	1,668.58	-506.47	419,033.82	739,677.33	32.150380	-103.692461
10,833.00	87.15	357.74	9,062.54	1,763.42	-509.79	419,128.66	739,674.01	32.150641	-103.692470
10,928.00	88.82	357.99	9,065.88	1,858.29	-513.33	419,223.53	739,670.47	32.150901	-103.692479
11,022.00	89.83	0.57	9,066.98	1,952.27	-514.51	419,317.51	739,669.29	32.151160	-103.692481
11,117.00	88.96	0.12	9,067.99	2,047.26	-513.94	419,412.50	739,669.86	32.151421	-103.692478
11,211.00	89.90	359.92	9,068.92	2,141.25	-513.90	419,506.49	739,669.89	32.151679	-103.692476
11,306.00	89.33	359.87	9,069.56	2,236.25	-514.08	419,601.49	739,669.72	32.151940	-103.692474
11,376.58	89.89	359.55	9,070.04	2,306.83	-514.43	419,672.07	739,669.36	32.152134	-103.692474
Cross SL 8 into 5 - 11376.58 MD 9070.04 TVD									
11,400.00	90.07	359.45	9,070.05	2,330.25	-514.64	419,695.49	739,669.16	32.152199	-103.692474



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,495.00	88.52	359.95	9,071.22	2,425.23	-515.13	419,790.47	739,668.66	32.152460	-103.692474
11,590.00	88.32	359.22	9,073.84	2,520.20	-515.82	419,885.43	739,667.98	32.152721	-103.692475
11,685.00	87.82	359.95	9,077.04	2,615.14	-516.51	419,980.38	739,667.29	32.152982	-103.692475
11,779.00	87.18	358.50	9,081.14	2,709.04	-517.78	420,074.28	739,666.02	32.153240	-103.692477
11,874.00	88.86	359.99	9,084.42	2,803.97	-519.03	420,169.21	739,664.77	32.153501	-103.692479
11,994.00	91.38	0.42	9,084.17	2,923.96	-518.60	420,289.19	739,665.20	32.153831	-103.692476
12,089.00	92.35	0.83	9,081.08	3,018.90	-517.56	420,384.14	739,666.23	32.154092	-103.692471
12,183.00	91.71	0.54	9,077.75	3,112.83	-516.44	420,478.07	739,667.36	32.154350	-103.692465
12,278.00	90.30	0.89	9,076.08	3,207.81	-515.26	420,573.05	739,668.54	32.154611	-103.692459
12,373.00	90.77	1.79	9,075.20	3,302.78	-513.03	420,668.02	739,670.76	32.154872	-103.692450
12,467.00	90.74	2.31	9,073.96	3,396.71	-509.67	420,761.95	739,674.12	32.155130	-103.692438
12,562.00	88.62	2.12	9,074.49	3,491.63	-506.00	420,856.87	739,677.80	32.155391	-103.692424
12,657.00	91.65	2.07	9,074.26	3,586.55	-502.53	420,951.79	739,681.27	32.155652	-103.692411
12,751.00	91.78	2.94	9,071.45	3,680.42	-498.42	421,045.66	739,685.38	32.155910	-103.692396
12,846.00	88.25	1.29	9,071.43	3,775.34	-494.92	421,140.58	739,688.88	32.156171	-103.692383
12,941.00	88.29	1.13	9,074.29	3,870.27	-492.91	421,235.51	739,690.89	32.156432	-103.692375
13,035.00	87.98	0.39	9,077.35	3,964.22	-491.66	421,329.45	739,692.13	32.156690	-103.692369
13,130.00	87.75	359.57	9,080.89	4,059.15	-491.70	421,424.39	739,692.10	32.156951	-103.692367
13,225.00	89.63	359.71	9,083.06	4,154.12	-492.29	421,519.36	739,691.50	32.157212	-103.692367
13,319.00	87.75	358.86	9,085.21	4,248.08	-493.47	421,613.32	739,690.33	32.157470	-103.692369
13,414.00	88.86	358.67	9,088.02	4,343.02	-495.51	421,708.25	739,688.28	32.157731	-103.692374
13,509.00	89.90	358.95	9,089.05	4,437.99	-497.49	421,803.23	739,686.31	32.157992	-103.692378
13,603.00	89.80	359.70	9,089.30	4,531.98	-498.59	421,897.22	739,685.20	32.158250	-103.692380
13,698.00	89.36	0.81	9,089.99	4,626.98	-498.17	421,992.21	739,685.63	32.158512	-103.692377
13,793.00	89.70	1.23	9,090.77	4,721.96	-496.48	422,087.20	739,687.32	32.158773	-103.692370
13,887.00	89.87	2.77	9,091.13	4,815.90	-493.20	422,181.14	739,690.60	32.159031	-103.692357
13,982.00	89.06	1.39	9,092.01	4,910.83	-489.75	422,276.07	739,694.05	32.159292	-103.692344
14,077.00	87.92	0.33	9,094.52	5,005.78	-488.33	422,371.02	739,695.47	32.159553	-103.692338
14,171.00	89.36	0.35	9,096.75	5,099.75	-487.77	422,464.99	739,696.03	32.159811	-103.692334
14,266.00	88.99	0.75	9,098.12	5,194.73	-486.86	422,559.97	739,696.94	32.160072	-103.692329
14,360.00	88.96	0.41	9,099.80	5,288.71	-485.90	422,653.95	739,697.89	32.160330	-103.692325
14,455.00	91.24	0.89	9,099.63	5,383.70	-484.83	422,748.94	739,698.97	32.160591	-103.692319
14,549.00	90.24	359.07	9,098.42	5,477.69	-484.86	422,842.93	739,698.94	32.160850	-103.692318
14,644.00	87.98	357.81	9,099.89	5,572.63	-487.45	422,937.87	739,696.35	32.161111	-103.692324
14,739.00	87.88	358.43	9,103.32	5,667.52	-490.56	423,032.76	739,693.24	32.161372	-103.692332
14,833.00	89.63	358.76	9,105.37	5,761.47	-492.86	423,126.71	739,690.93	32.161630	-103.692338
14,928.00	88.69	0.09	9,106.76	5,856.45	-493.82	423,221.69	739,689.98	32.161891	-103.692339
15,023.00	90.03	0.44	9,107.82	5,951.44	-493.38	423,316.68	739,690.42	32.162152	-103.692336
15,118.00	88.89	0.24	9,108.72	6,046.43	-492.81	423,411.67	739,690.98	32.162413	-103.692332
15,212.00	89.76	0.13	9,109.82	6,140.42	-492.51	423,505.66	739,691.29	32.162672	-103.692330
15,307.00	88.59	359.74	9,111.19	6,235.41	-492.62	423,600.65	739,691.18	32.162933	-103.692328
15,402.00	89.83	0.31	9,112.50	6,330.40	-492.58	423,695.64	739,691.22	32.163194	-103.692326
15,497.00	89.46	0.42	9,113.09	6,425.40	-491.97	423,790.64	739,691.82	32.163455	-103.692322
15,591.00	90.97	1.00	9,112.74	6,519.38	-490.81	423,884.62	739,692.99	32.163713	-103.692317
15,686.00	89.97	359.80	9,111.96	6,614.38	-490.14	423,979.62	739,693.65	32.163974	-103.692313
15,780.00	90.87	359.68	9,111.27	6,708.37	-490.57	424,073.61	739,693.23	32.164233	-103.692312
15,875.00	89.56	358.92	9,110.91	6,803.36	-491.73	424,168.60	739,692.07	32.164494	-103.692314
15,970.00	90.64	358.34	9,110.75	6,898.33	-494.00	424,263.57	739,689.79	32.164755	-103.692320
16,065.00	89.53	358.18	9,110.60	6,993.29	-496.89	424,358.53	739,686.91	32.165016	-103.692327
16,160.00	90.40	357.99	9,110.66	7,088.23	-500.06	424,453.47	739,683.73	32.165277	-103.692336
16,254.00	90.24	358.78	9,110.14	7,182.19	-502.71	424,547.43	739,681.09	32.165535	-103.692342
16,349.00	92.12	359.37	9,108.18	7,277.16	-504.24	424,642.40	739,679.55	32.165796	-103.692346
16,444.00	90.97	359.96	9,105.62	7,372.12	-504.80	424,737.36	739,679.00	32.166057	-103.692346
16,539.00	89.73	359.65	9,105.04	7,467.11	-505.12	424,832.35	739,678.67	32.166319	-103.692345
16,633.00	89.26	359.63	9,105.87	7,561.11	-505.71	424,926.35	739,678.08	32.166577	-103.692345



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,667.10	88.75	359.15	9,106.46	7,595.20	-506.08	424,960.44	739,677.72	32.166671	-103.692345
Cross SL 5 into 32 - 16667.1 MD 9106.46 TVD									
16,728.00	87.85	358.28	9,108.26	7,656.06	-507.44	425,021.30	739,676.35	32.166838	-103.692349
16,823.00	89.19	356.90	9,110.72	7,750.94	-511.44	425,116.18	739,672.36	32.167099	-103.692360
16,918.00	90.34	357.91	9,111.11	7,845.84	-515.74	425,211.08	739,668.06	32.167360	-103.692372
17,013.00	93.84	359.68	9,107.64	7,940.73	-517.74	425,305.97	739,666.06	32.167621	-103.692376
17,107.00	92.22	359.11	9,102.67	8,034.59	-518.73	425,399.83	739,665.07	32.167879	-103.692378
17,202.00	90.44	358.39	9,100.47	8,129.54	-520.80	425,494.78	739,663.00	32.168140	-103.692383
17,297.00	88.89	358.97	9,101.02	8,224.51	-522.99	425,589.75	739,660.81	32.168401	-103.692388
17,392.00	88.89	359.05	9,102.87	8,319.48	-524.63	425,684.72	739,659.17	32.168662	-103.692391
17,487.00	90.24	358.79	9,103.59	8,414.46	-526.42	425,779.70	739,657.38	32.168923	-103.692395
17,582.00	90.44	358.86	9,103.02	8,509.43	-528.37	425,874.67	739,655.43	32.169184	-103.692400
17,677.00	90.20	359.61	9,102.49	8,604.42	-529.64	425,969.66	739,654.16	32.169445	-103.692402
17,771.00	92.18	0.21	9,100.54	8,698.40	-529.78	426,063.64	739,654.01	32.169703	-103.692401
17,866.00	91.08	0.05	9,097.84	8,793.36	-529.57	426,158.60	739,654.23	32.169965	-103.692398
17,960.00	91.38	0.31	9,095.82	8,887.34	-529.27	426,252.58	739,654.52	32.170223	-103.692395
18,054.00	91.55	2.02	9,093.42	8,981.28	-527.36	426,346.52	739,656.43	32.170481	-103.692388
18,149.00	91.31	4.15	9,091.05	9,076.11	-522.25	426,441.35	739,661.54	32.170742	-103.692369
18,243.00	90.67	4.18	9,089.42	9,169.85	-515.43	426,535.09	739,668.37	32.170999	-103.692345
18,338.00	87.88	2.14	9,090.62	9,264.68	-510.19	426,629.92	739,673.61	32.171260	-103.692327
18,433.00	88.66	1.42	9,093.49	9,359.59	-507.24	426,724.83	739,676.56	32.171521	-103.692315
18,527.00	90.54	1.96	9,094.15	9,453.54	-504.47	426,818.78	739,679.33	32.171779	-103.692304
18,622.00	92.72	1.33	9,091.45	9,548.46	-501.74	426,913.70	739,682.05	32.172040	-103.692294
18,717.00	93.09	1.70	9,086.63	9,643.30	-499.23	427,008.54	739,684.56	32.172300	-103.692284
18,811.00	91.41	0.95	9,082.94	9,737.20	-497.06	427,102.44	739,686.73	32.172558	-103.692275
18,906.00	88.82	0.67	9,082.75	9,832.18	-495.72	427,197.42	739,688.08	32.172819	-103.692269
19,000.00	89.33	0.75	9,084.27	9,926.16	-494.56	427,291.40	739,689.24	32.173078	-103.692263
19,095.00	91.44	1.32	9,083.63	10,021.14	-492.84	427,386.38	739,690.96	32.173339	-103.692256
19,189.00	91.24	0.93	9,081.43	10,115.10	-490.99	427,480.34	739,692.80	32.173597	-103.692248
19,284.00	89.63	0.56	9,080.71	10,210.08	-489.76	427,575.32	739,694.04	32.173858	-103.692242
19,379.00	92.39	1.26	9,079.04	10,305.05	-488.25	427,670.29	739,695.54	32.174119	-103.692236
19,473.00	92.02	0.28	9,075.42	10,398.97	-486.99	427,764.21	739,696.81	32.174377	-103.692230
19,568.00	90.30	0.23	9,073.50	10,493.94	-486.57	427,859.18	739,697.23	32.174638	-103.692227
19,662.00	89.26	1.77	9,073.86	10,587.92	-484.93	427,953.16	739,698.87	32.174897	-103.692219
19,757.00	91.68	2.55	9,073.08	10,682.84	-481.35	428,048.08	739,702.45	32.175157	-103.692206
19,852.00	92.35	0.52	9,069.74	10,777.75	-478.80	428,142.99	739,704.99	32.175418	-103.692196
19,947.00	87.75	359.47	9,069.65	10,872.72	-478.81	428,237.96	739,704.99	32.175679	-103.692194
20,041.00	88.32	359.76	9,072.88	10,966.66	-479.44	428,331.90	739,704.35	32.175938	-103.692194
20,136.00	88.15	358.82	9,075.80	11,061.61	-480.62	428,426.85	739,703.18	32.176199	-103.692196
20,230.00	89.13	359.14	9,078.03	11,155.57	-482.29	428,520.80	739,701.50	32.176457	-103.692200
20,325.00	90.40	359.83	9,078.42	11,250.56	-483.15	428,615.80	739,700.65	32.176718	-103.692201
20,419.00	90.47	0.98	9,077.71	11,344.55	-482.48	428,709.79	739,701.32	32.176976	-103.692197
20,514.00	90.40	1.21	9,076.99	11,439.53	-480.67	428,804.77	739,703.13	32.177237	-103.692189
20,609.00	90.84	2.16	9,075.96	11,534.48	-477.87	428,899.72	739,705.92	32.177498	-103.692178
20,703.00	91.28	2.22	9,074.22	11,628.40	-474.28	428,993.64	739,709.52	32.177756	-103.692165
20,798.00	92.08	2.18	9,071.44	11,723.29	-470.64	429,088.53	739,713.16	32.178017	-103.692151
20,893.00	91.45	1.31	9,068.51	11,818.20	-467.74	429,183.44	739,716.05	32.178278	-103.692140
20,987.00	90.47	0.21	9,066.94	11,912.17	-466.50	429,277.41	739,717.30	32.178536	-103.692134
21,082.00	88.99	0.76	9,067.38	12,007.17	-465.69	429,372.40	739,718.10	32.178797	-103.692130
21,177.00	89.23	359.81	9,068.86	12,102.15	-465.22	429,467.39	739,718.57	32.179059	-103.692127
21,272.00	89.36	359.50	9,070.03	12,197.14	-465.79	429,562.38	739,718.00	32.179320	-103.692127
21,366.00	90.64	0.23	9,070.03	12,291.14	-466.02	429,656.38	739,717.78	32.179578	-103.692125
21,461.00	89.80	0.33	9,069.66	12,386.14	-465.55	429,751.38	739,718.25	32.179839	-103.692122
21,556.00	90.64	0.85	9,069.30	12,481.13	-464.57	429,846.37	739,719.22	32.180100	-103.692117
21,650.00	90.91	2.14	9,068.03	12,575.09	-462.12	429,940.33	739,721.68	32.180358	-103.692107



Scientific Drilling, Intl
Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well #534H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Site:	Chincoteague 8-32 Fed State Com	MD Reference:	HP 265 3438 GL + 26 KB @ 3464.00usft
Well:	#534H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
21,745.00	91.38	2.65	9,066.13	12,669.98	-458.15	430,035.22	739,725.65	32.180619	-103.692093
21,803.00	90.84	3.65	9,065.00	12,727.89	-454.96	430,093.12	739,728.83	32.180778	-103.692081
21,853.39	90.84	3.65	9,064.27	12,778.17	-451.76	430,143.41	739,732.04	32.180917	-103.692070
Cross HL 100 FNL - 21853.39 MD 9064.27 TVD									
21,865.00	90.84	3.65	9,064.10	12,789.75	-451.02	430,154.99	739,732.78	32.180948	-103.692067
Actual BH: 88.3 FNL 1212.7 FEL - 21865 MD 9064.1 TVD - Y-430154.99 X-739732.78 - 32.180948° N 103.692067° W									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
11,376.58	9,070.04	2,306.83	-514.43	Cross SL 8 into 5	
11,376.58	9,070.04	2,306.83	-514.43	11376.58 MD 9070.04 TVD	
16,667.10	9,106.46	7,595.20	-506.08	Cross SL 5 into 32	
16,667.10	9,106.46	7,595.20	-506.08	16667.1 MD 9106.46 TVD	
21,853.39	9,064.27	12,778.17	-451.76	Cross HL 100 FNL	
21,853.39	9,064.27	12,778.17	-451.76	21853.39 MD 9064.27 TVD	
21,865.00	9,064.10	12,789.75	-451.02	Actual BH: 88.3 FNL 1212.7 FEL	
21,865.00	9,064.10	12,789.75	-451.02	21865 MD 9064.1 TVD	
21,865.00	9,064.10	12,789.75	-451.02	Y-430154.99 X-739732.78	
21,865.00	9,064.10	12,789.75	-451.02	32.180948° N 103.692067° W	

Checked By: _____ Approved By: _____ Date: _____

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

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter <u>H</u> : <u>2313</u> feet from the <u>North</u> line and <u>695</u> feet from the <u>East</u> line Section <u>8</u> Township <u>25S</u> Range <u>32E</u> NMPM County <u>LEA</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3437.9		WELL API NO. 30-025-46479 5. Indicate Type of Lease STATE ☐ FEE ☐ 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name CHINCOTEAGUE 8 32 FEDERAL STATE COM 8. Well Number 534H 9. OGRID Number 6137 10. Pool name or Wildcat ; WC-025 G-06 S253206M; BONE SPRING
--	--	---

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: ☐

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.

8/5/2021-RIH W/ CBL TOOLS; LOGGED 8,814' - 3,780' W/ 700 PSI. ON CSG (DUE TO WET SHOE) ETOC @ 5,660', 1,026' BELOW INTERM SHOE. 8/26/2021-9/8/2021 MIRU WL & PT. PT csg to 12,000 PSI for 30min, OK.TIH w/pump through frac plug and guns. Perf BONESPRING, 9285-21833 Frac totals 18,816,000# prop, 575,677 bbl fluid, 30 bbls acid. DO plugs & CO to PBTD w/float collar 21843.2 MD/9064.4 TVD CHC, FWB, ND BOP. Tubing set: 10/8/2021; 8563.3', 255 JNT, 2-7/8" L-80; TOP: 10/19/2021

Formation/top Depth:

RUSTLER- 739
 SALT- 1104
 BASE OF SALT - 4373
 LAMAR - 4561
 DELAWARE- 4561
 CHERRY CANYON- 5769
 Brushy Canyon - 6690
 1st Bone Spring Lime- 8768
 Bone Spring 1st - 9857
 Bone Spring 2nd- 10075
 3rd Bone Spring Lime - 10581
 Bone Spring 3rd - 11332
 Wolfcamp - 11754
 Strawn - 13895

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 6/13/2022
 Type or print name Jenny Harms E-mail address: jenny.harms@dvn.com PHONE: 405-552-6560
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. 30-025-46479					
		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 CHINCOTEAGUE 8 32 FEDERAL STATE COM		
					6. Well Number: 534H		
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 ; WC-025 G-06 S253206M; BONE SPRING		
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:	H	8	25S	32E		2313	
BH:	A	32	24S	32E		91	
13. Date Spudded 4/24/21	14. Date T.D. Reached 5/26/201	15. Date Rig Released 5/28/21		16. Date Completed (Ready to Produce) 10/19/21		17. Elevations (DF and RKB, RT, GR, etc.) 3437.9 GL	
18. Total Measured Depth of Well 21865 MD, 9064 TVD		19. Plug Back Measured Depth 21843.2 MD/9064.4 TVD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run	
22. Producing Interval(s), of this completion - Top, Bottom, Name 9285-21833, WC-025 G-06 S253206M; BONE SPRING							
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	829	17.5	645			
9 5/8	40	4636	12.25	675			
5.5	20	12024	8.75				
5.5	20	21845	8.5	2687	TOC @ 4480		
24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	
					Tubing set: 10/8/2021; 8563.3', 255 JNT, 2-7/8" L-80		
26. Perforation record (interval, size, and number) 9285 - 21833, total 1516 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9285-21833 Acidize and frac in 43 stages.			
28. PRODUCTION							
Date First Production 10/19/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)			Well Status (<i>Prod. or Shut-in</i>) Producing		
Date of Test 10/31/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1362	Gas - MCF 2525	Water - Bbl. 3033	
						Gas - Oil Ratio 1853.891336	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)	
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold						30. Test Witnessed By	
31. List Attachments Directional Survey							
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	Jenny Harms	Title	Regulatory Specialist	
E-mail Address	jenny.harms@dv.com						
				Date	6/13/2022		

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.

Southeastern New Mexico		Northwestern New Mexico	
RUSTLER - 739			
SALT - 1104			
BASE OF SALT - 4373			
LAMAR - 4561			
DELAWARE - 4561			
CHERRY CANYON - 5769			
Brushy Canyon - 6690			
1st Bone Spring Lime - 8768			
Bone Spring 1st - 9857			
Bone Spring 2nd - 10075			
3rd Bone Spring Lime - 10581			
Bone Spring 3rd - 11332			
Wolfcamp - 11754			
Strawn - 13895			

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....N/A.....to.....N/A..... No. 4, from.....N/A.....to.....N/A.....
N/A.....N/A.....N/A.....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 116094

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 116094
	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 116094

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 116094
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	7/19/2024