

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

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137	
		³ Reason for Filing Code/ Effective Date NW / 1/11/21	
⁴ API Number 30-025-47982	⁵ Pool Name ; WC-025 G-06 S253206M; BONE SPRING		⁶ Pool Code 97899
⁷ Property Code 329785	⁸ Property Name TRIONYX 6 7 FEDERAL COM		⁹ Well Number 521H

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
3	6	25S	32E		600	North	1455	West	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	7	25S	32E		93	South	1213	West	EDDY
¹² Lse Code F	¹³ Producing Method Code 	¹⁴ Gas Connection Date 1/11/21	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	²² Ready Date	²³ TD	²⁴ PBSD	²⁵ Perforations	²⁶ DHC, MC
6/17/21	1/11/21	19040	19022 MD/8967 TVD	9272 - 19010	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	872	670		
12.25	9 5/8	4495	749		
8.5	5.5	19024	2343		
12/27/2021: 8427.4',L-80, 2.875,		TUBING - PRODUCTION	252 JTS		

V. Well Test Data

³¹ Date New Oil 1/24/22	³² Gas Delivery Date 1/24/22	³³ Test Date 1/24/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size 	³⁸ Oil 1493 bbl	³⁹ Water 1646 bbl	⁴⁰ Gas 3852 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@dnv.com			Approval Date: 05/17/2023		
Date: 2/9/2022		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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47982	² Pool Code 97899	³ Pool Name WC-025 G-06 S253206M;BONE SPRING
⁴ Property Code 329785	⁵ Property Name TRIONYX 6-7 FED COM	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁶ Well Number 521H ⁹ Elevation 3477.3

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	6	25 S	32 E		600	NORTH	1455	WEST	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
4	7	25 S	32 E		93	SOUTH	1213	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
639.72			

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. 6
LAT. = 32.1665813"N
LONG. = 103.7229572"W
NMSP EAST (FT)
N = 424872.88
E = 730205.50

W/4 CORNER SEC. 6
LAT. = 32.1593343"N
LONG. = 103.7229670"W
NMSP EAST (FT)
N = 422236.49
E = 730217.42

SW CORNER SEC. 6
LAT. = 32.1520818"N
LONG. = 103.7229772"W
NMSP EAST (FT)
N = 419598.13
E = 730229.21

W/4 CORNER SEC. 7
LAT. = 32.1448286"N
LONG. = 103.7229920"W
NMSP EAST (FT)
N = 416959.48
E = 730239.58

SW CORNER SEC. 7
LAT. = 32.1375735"N
LONG. = 103.7230053"W
NMSP EAST (FT)
N = 414320.16
E = 730250.42

NE CORNER SEC. 6
LAT. = 32.1666268"N
LONG. = 103.7058427"W
NMSP EAST (FT)
N = 424919.88
E = 735501.21

E/4 CORNER SEC. 6
LAT. = 32.1593290"N
LONG. = 103.7058188"W
NMSP EAST (FT)
N = 422265.09
E = 735524.08

SE CORNER SEC. 6
LAT. = 32.1520866"N
LONG. = 103.7057799"W
NMSP EAST (FT)
N = 419630.47
E = 735551.49

E/4 CORNER SEC. 7
LAT. = 32.1447996"N
LONG. = 103.7058075"W
NMSP EAST (FT)
N = 416979.52
E = 735558.39

SE CORNER SEC. 7
LAT. = 32.1375763"N
LONG. = 103.7058305"W
NMSP EAST (FT)
N = 414351.72
E = 735566.57

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.

Jenny Harms
1-17-2022

Signature _____ Date _____

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.

DECEMBER 10, 2021

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number: _____

Intent ☐ As Drilled ☒

API #

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION CO., L.P.	TRIONYX 6-7 FED COM	521H

Kick Off Point (KOP)

UL	Section 6	Township 25S	Range 32E	Lot 4	Feet 56	From N/S NORTH	Feet 1185	From E/W WEST	County LEA
Latitude 32.1664315					Longitude 103.7191300			NAD 83	

First Take Point (FTP)

UL	Section 6	Township 25S	Range 32E	Lot 4	Feet 701	From N/S NORTH	Feet 1209	From E/W WEST	County LEA
Latitude 32.1646569					Longitude 103.7190547			NAD 83	

Last Take Point (LTP)

UL	Section 7	Township 25S	Range 32E	Lot 4	Feet 123	From N/S SOUTH	Feet 1212	From E/W WEST	County LEA
Latitude 32.1379121					Longitude 103.7190901			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)

Trionyx Project

Trionyx 6-7 Fed Com 521H

OH Wellbore

Design: As Drilled

Standard Survey Report

05 August, 2021



www.scientificdrilling.com





Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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		Trionyx Project			
Site Position:		Northing:	424,282.87 usft	Latitude:	32.164936
From:	Map	Easting:	731,722.88 usft	Longitude:	-103.718065
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.33 °

Well	Trionyx 6-7 Fed Com 521H					
Well Position	+N/-S	0.00 usft	Northing:	424,282.50 usft	Latitude:	32.164936
	+E/-W	0.00 usft	Easting:	731,662.87 usft	Longitude:	-103.718259
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,503.30 usft	Ground Level:	3,477.30 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	6/14/2021	6.48	59.78	47,649.50000000

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	181.18	

Survey Program	Date	8/5/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
197.00	19,040.00	Survey #1 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	

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	
197.00	0.31	151.13	197.00	-0.47	0.26	0.46	0.16	0.16	0.00	
294.00	0.12	146.34	294.00	-0.78	0.44	0.77	0.20	-0.20	-4.94	
384.00	0.27	123.00	384.00	-0.97	0.67	0.96	0.19	0.17	-25.93	
475.00	0.38	84.56	475.00	-1.06	1.15	1.04	0.26	0.12	-42.24	
566.00	0.45	76.82	565.99	-0.95	1.80	0.92	0.10	0.08	-8.51	
655.00	0.50	59.05	654.99	-0.67	2.47	0.62	0.17	0.06	-19.97	
745.00	0.44	71.55	744.99	-0.36	3.14	0.30	0.13	-0.07	13.89	
803.00	0.50	67.47	802.99	-0.19	3.58	0.12	0.12	0.10	-7.03	
962.00	0.50	71.47	961.98	0.29	4.88	-0.39	0.02	0.00	2.52	



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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)
1,052.00	0.48	91.48	1,051.98	0.41	5.63	-0.52	0.19	-0.02	22.23
1,143.00	0.57	91.10	1,142.97	0.39	6.46	-0.52	0.10	0.10	-0.42
1,233.00	0.87	86.01	1,232.97	0.43	7.59	-0.58	0.34	0.33	-5.66
1,323.00	1.22	327.94	1,322.96	1.29	7.77	-1.45	2.00	0.39	-131.19
1,413.00	2.10	322.01	1,412.92	3.40	6.24	-3.53	0.99	0.98	-6.59
1,507.00	2.00	323.26	1,506.86	6.07	4.20	-6.16	0.12	-0.11	1.33
1,602.00	1.73	320.99	1,601.81	8.51	2.31	-8.56	0.29	-0.28	-2.39
1,696.00	1.68	323.77	1,695.77	10.73	0.60	-10.74	0.10	-0.05	2.96
1,791.00	1.59	325.52	1,790.73	12.94	-0.97	-12.91	0.11	-0.09	1.84
1,980.00	1.18	315.62	1,979.67	16.49	-3.82	-16.41	0.25	-0.22	-5.24
2,075.00	1.23	311.93	2,074.65	17.87	-5.26	-17.76	0.10	0.05	-3.88
2,169.00	0.98	313.79	2,168.63	19.10	-6.59	-18.96	0.27	-0.27	1.98
2,264.00	0.78	307.95	2,263.62	20.06	-7.69	-19.90	0.23	-0.21	-6.15
2,359.00	0.68	307.62	2,358.62	20.80	-8.64	-20.62	0.11	-0.11	-0.35
2,453.00	0.63	306.28	2,452.61	21.45	-9.50	-21.25	0.06	-0.05	-1.43
2,548.00	0.68	315.21	2,547.60	22.16	-10.32	-21.94	0.12	0.05	9.40
2,643.00	0.54	328.60	2,642.60	22.94	-10.95	-22.71	0.21	-0.15	14.09
2,737.00	1.40	320.43	2,736.58	24.20	-11.91	-23.95	0.92	0.91	-8.69
2,832.00	3.55	333.62	2,831.49	27.73	-13.96	-27.44	2.33	2.26	13.88
2,926.00	5.74	338.66	2,925.18	34.72	-16.96	-34.36	2.37	2.33	5.36
3,021.00	7.45	335.75	3,019.54	44.76	-21.22	-44.31	1.83	1.80	-3.06
3,115.00	7.52	335.01	3,112.74	55.89	-26.32	-55.34	0.13	0.07	-0.79
3,210.00	7.10	335.71	3,206.97	66.88	-31.36	-66.22	0.45	-0.44	0.74
3,304.00	6.71	339.04	3,300.29	77.30	-35.72	-76.55	0.59	-0.41	3.54
3,399.00	6.26	340.71	3,394.68	87.37	-39.41	-86.54	0.51	-0.47	1.76
3,494.00	7.13	336.88	3,489.03	97.68	-43.44	-96.77	1.03	0.92	-4.03
3,588.00	7.48	334.83	3,582.27	108.59	-48.33	-107.57	0.46	0.37	-2.18
3,683.00	6.86	335.30	3,676.53	119.34	-53.33	-118.21	0.66	-0.65	0.49
3,778.00	6.97	334.50	3,770.84	129.69	-58.19	-128.47	0.15	0.12	-0.84
3,873.00	7.32	334.83	3,865.10	140.37	-63.24	-139.04	0.37	0.37	0.35
3,967.00	6.81	333.30	3,958.38	150.77	-68.29	-149.33	0.58	-0.54	-1.63
4,062.00	5.91	333.23	4,052.80	160.17	-73.03	-158.63	0.95	-0.95	-0.07
4,157.00	5.93	332.37	4,147.29	168.89	-77.51	-167.25	0.10	0.02	-0.91
4,252.00	7.03	330.88	4,241.68	178.31	-82.61	-176.57	1.17	1.16	-1.57
4,346.00	6.40	329.60	4,335.04	187.86	-88.06	-186.00	0.69	-0.67	-1.36
4,441.00	5.75	328.29	4,429.50	196.47	-93.24	-194.51	0.70	-0.68	-1.38
4,520.00	5.30	323.77	4,508.14	202.78	-97.48	-200.73	0.79	-0.57	-5.72
4,615.00	6.60	326.45	4,602.62	210.87	-103.09	-208.70	1.40	1.37	2.82
4,709.00	7.17	328.32	4,695.95	220.37	-109.16	-218.07	0.65	0.61	1.99
4,804.00	7.84	330.78	4,790.13	231.07	-115.43	-228.64	0.78	0.71	2.59
4,899.00	8.95	331.79	4,884.11	243.23	-122.09	-240.67	1.18	1.17	1.06
4,993.00	8.88	331.97	4,976.98	256.08	-128.95	-253.37	0.08	-0.07	0.19
5,088.00	9.08	332.03	5,070.81	269.17	-135.92	-266.32	0.21	0.21	0.06
5,183.00	9.32	331.97	5,164.59	282.58	-143.05	-279.58	0.25	0.25	-0.06



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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)
5,278.00	9.38	331.19	5,258.33	296.16	-150.39	-293.00	0.15	0.06	-0.82
5,372.00	9.27	331.16	5,351.09	309.50	-157.74	-306.19	0.12	-0.12	-0.03
5,467.00	8.28	328.92	5,444.97	322.06	-164.96	-318.60	1.10	-1.04	-2.36
5,562.00	8.20	329.78	5,538.99	333.78	-171.90	-330.17	0.15	-0.08	0.91
5,656.00	7.84	326.70	5,632.07	344.93	-178.79	-341.17	0.60	-0.38	-3.28
5,751.00	7.92	327.32	5,726.18	355.85	-185.88	-351.95	0.12	0.08	0.65
5,845.00	7.88	329.44	5,819.28	366.85	-192.66	-362.81	0.31	-0.04	2.26
5,940.00	8.26	331.94	5,913.34	378.48	-199.18	-374.30	0.54	0.40	2.63
6,034.00	8.20	333.88	6,006.38	390.46	-205.31	-386.15	0.30	-0.06	2.06
6,129.00	7.66	333.27	6,100.47	402.20	-211.14	-397.76	0.58	-0.57	-0.64
6,224.00	7.14	331.88	6,194.68	413.06	-216.77	-408.51	0.58	-0.55	-1.46
6,318.00	7.73	335.70	6,287.88	423.97	-222.12	-419.31	0.82	0.63	4.06
6,413.00	7.65	338.49	6,382.03	435.68	-227.07	-430.91	0.40	-0.08	2.94
6,508.00	7.44	338.23	6,476.21	447.27	-231.67	-442.41	0.22	-0.22	-0.27
6,602.00	7.45	339.98	6,569.42	458.65	-236.01	-453.69	0.24	0.01	1.86
6,697.00	7.25	337.61	6,663.64	469.98	-240.40	-464.93	0.38	-0.21	-2.49
6,791.00	6.46	333.03	6,756.96	480.18	-245.06	-475.03	1.02	-0.84	-4.87
6,886.00	5.87	332.19	6,851.41	489.24	-249.75	-483.99	0.63	-0.62	-0.88
6,980.00	5.20	324.50	6,944.98	496.96	-254.47	-491.61	1.06	-0.71	-8.18
7,075.00	5.18	322.90	7,039.59	503.88	-259.56	-498.43	0.15	-0.02	-1.68
7,170.00	4.57	319.10	7,134.24	510.16	-264.62	-504.61	0.73	-0.64	-4.00
7,264.00	3.95	331.11	7,227.98	515.83	-268.64	-510.19	1.15	-0.66	12.78
7,359.00	4.11	336.18	7,322.75	521.81	-271.59	-516.11	0.41	0.17	5.34
7,454.00	2.63	347.75	7,417.58	527.05	-273.43	-521.31	1.71	-1.56	12.18
7,548.00	2.23	3.92	7,511.50	530.99	-273.76	-525.24	0.84	-0.43	17.20
7,643.00	2.21	1.82	7,606.43	534.66	-273.58	-528.91	0.09	-0.02	-2.21
7,737.00	1.69	2.14	7,700.37	537.86	-273.47	-532.11	0.55	-0.55	0.34
7,832.00	1.46	13.96	7,795.34	540.43	-273.12	-534.69	0.42	-0.24	12.44
7,927.00	1.28	11.28	7,890.31	542.65	-272.62	-536.92	0.20	-0.19	-2.82
8,021.00	0.92	4.94	7,984.29	544.43	-272.35	-538.70	0.40	-0.38	-6.74
8,116.00	0.54	346.98	8,079.29	545.62	-272.39	-539.90	0.46	-0.40	-18.91
8,210.00	0.29	191.59	8,173.29	545.82	-272.54	-540.09	0.86	-0.27	-165.31
8,305.00	0.86	187.09	8,268.28	544.88	-272.67	-539.15	0.60	0.60	-4.74
8,370.00	3.03	184.83	8,333.24	542.68	-272.88	-536.95	3.34	3.34	-3.48
8,465.00	23.16	181.13	8,425.29	521.28	-273.46	-515.54	21.20	21.19	-3.89
8,510.72	30.59	179.14	8,466.05	500.63	-273.47	-494.89	16.38	16.26	-4.35
FTP 100 FNL - 8510.72 MD 8466.05 TVD									
8,560.00	38.63	177.79	8,506.57	472.67	-272.68	-466.96	16.38	16.31	-2.74
8,654.00	44.68	175.30	8,576.78	410.35	-268.84	-404.73	6.67	6.44	-2.65
8,749.00	47.14	175.55	8,642.87	342.34	-263.40	-336.85	2.60	2.59	0.26
8,843.00	47.06	174.52	8,706.86	273.74	-257.44	-268.39	0.81	-0.09	-1.10
8,938.00	54.87	176.71	8,766.65	200.23	-251.88	-195.00	8.41	8.22	2.31
9,033.00	60.50	178.36	8,817.42	120.05	-248.47	-114.91	6.11	5.93	1.74



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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)
9,127.00	67.31	179.16	8,858.74	35.70	-246.66	-30.62	7.28	7.24	0.85
9,222.00	74.82	179.72	8,889.55	-54.09	-245.79	59.14	7.92	7.91	0.59
9,317.00	79.84	180.43	8,910.38	-146.74	-245.92	151.78	5.33	5.28	0.75
9,411.00	83.89	181.48	8,923.67	-239.76	-247.47	244.81	4.45	4.31	1.12
9,506.00	86.81	180.95	8,931.38	-334.42	-249.48	339.49	3.12	3.07	-0.56
9,601.00	88.52	179.61	8,935.25	-429.33	-249.94	434.39	2.29	1.80	-1.41
9,695.00	92.61	181.38	8,934.32	-523.30	-250.75	528.36	4.74	4.35	1.88
9,789.00	88.56	180.96	8,933.36	-617.26	-252.67	622.33	4.33	-4.31	-0.45
9,884.00	89.19	180.88	8,935.22	-712.23	-254.20	717.31	0.67	0.66	-0.08
9,979.00	88.79	179.45	8,936.90	-807.21	-254.47	812.28	1.56	-0.42	-1.51
10,073.00	90.91	178.80	8,937.15	-901.19	-253.04	906.21	2.36	2.26	-0.69
10,168.00	90.40	178.93	8,936.06	-996.17	-251.16	1,001.13	0.55	-0.54	0.14
10,263.00	87.62	179.60	8,937.70	-1,091.14	-249.94	1,096.05	3.01	-2.93	0.71
10,357.00	89.87	178.81	8,939.76	-1,185.10	-248.63	1,189.97	2.54	2.39	-0.84
10,452.00	88.69	179.49	8,940.95	-1,280.08	-247.22	1,284.90	1.43	-1.24	0.72
10,473.00	89.03	180.20	8,941.37	-1,301.07	-247.17	1,305.89	3.75	1.62	3.38
10,567.00	90.67	180.12	8,941.62	-1,395.07	-247.43	1,399.87	1.75	1.74	-0.09
10,662.00	89.09	179.71	8,941.82	-1,490.07	-247.29	1,494.84	1.72	-1.66	-0.43
10,757.00	89.26	179.69	8,943.18	-1,585.05	-246.79	1,589.80	0.18	0.18	-0.02
10,851.00	89.53	179.45	8,944.18	-1,679.05	-246.09	1,683.76	0.38	0.29	-0.26
10,946.00	90.17	180.03	8,944.43	-1,774.04	-245.65	1,778.73	0.91	0.67	0.61
11,041.00	91.48	180.15	8,943.06	-1,869.03	-245.80	1,873.70	1.38	1.38	0.13
11,136.00	90.20	180.37	8,941.66	-1,964.02	-246.23	1,968.67	1.37	-1.35	0.23
11,230.00	90.87	180.36	8,940.79	-2,058.01	-246.83	2,062.66	0.71	0.71	-0.01
11,325.00	89.77	179.79	8,940.26	-2,153.01	-246.96	2,157.64	1.30	-1.16	-0.60
11,420.00	88.93	180.26	8,941.33	-2,248.00	-247.00	2,252.61	1.01	-0.88	0.49
11,515.00	88.46	180.76	8,943.50	-2,342.97	-247.84	2,347.58	0.72	-0.49	0.53
11,610.00	88.29	179.85	8,946.19	-2,437.93	-248.35	2,442.53	0.97	-0.18	-0.96
11,704.00	88.72	179.98	8,948.64	-2,531.90	-248.21	2,536.47	0.48	0.46	0.14
11,799.00	89.46	179.39	8,950.15	-2,626.88	-247.69	2,631.43	1.00	0.78	-0.62
11,893.00	90.23	178.19	8,950.41	-2,720.86	-245.70	2,725.34	1.52	0.82	-1.28
11,988.00	90.60	178.24	8,949.72	-2,815.81	-242.74	2,820.21	0.39	0.39	0.05
12,083.00	92.01	179.75	8,947.56	-2,910.77	-241.08	2,915.12	2.17	1.48	1.59
12,178.00	90.50	179.11	8,945.47	-3,005.74	-240.13	3,010.04	1.73	-1.59	-0.67
12,272.00	91.98	179.43	8,943.44	-3,099.70	-238.94	3,103.97	1.61	1.57	0.34
12,367.00	90.27	179.42	8,941.58	-3,194.68	-237.98	3,198.90	1.80	-1.80	-0.01
12,461.00	90.47	179.85	8,940.97	-3,288.67	-237.38	3,292.87	0.50	0.21	0.46
12,556.00	88.72	178.90	8,941.64	-3,383.66	-236.35	3,387.81	2.10	-1.84	-1.00
12,651.00	88.49	178.53	8,943.95	-3,478.61	-234.22	3,482.69	0.46	-0.24	-0.39
12,745.00	88.12	179.03	8,946.73	-3,572.55	-232.22	3,576.57	0.66	-0.39	0.53
12,840.00	88.86	178.70	8,949.24	-3,667.49	-230.34	3,671.46	0.85	0.78	-0.35
12,935.00	89.66	179.03	8,950.46	-3,762.47	-228.45	3,766.37	0.91	0.84	0.35
13,029.00	89.43	179.69	8,951.21	-3,856.46	-227.40	3,860.32	0.74	-0.24	0.70
13,124.00	89.97	179.97	8,951.71	-3,951.45	-227.12	3,955.29	0.64	0.57	0.29



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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)
13,218.00	86.54	179.50	8,954.57	-4,045.40	-226.69	4,049.21	3.68	-3.65	-0.50
13,313.00	87.52	179.57	8,959.49	-4,140.26	-225.92	4,144.04	1.03	1.03	0.07
13,408.00	88.52	180.06	8,962.77	-4,235.21	-225.61	4,238.95	1.17	1.05	0.52
13,502.00	88.42	179.11	8,965.28	-4,329.17	-224.93	4,332.88	1.02	-0.11	-1.01
13,597.00	88.79	179.48	8,967.60	-4,424.13	-223.76	4,427.80	0.55	0.39	0.39
13,692.00	90.64	179.79	8,968.07	-4,519.13	-223.16	4,522.76	1.97	1.95	0.33
13,786.00	90.27	179.93	8,967.32	-4,613.12	-222.93	4,616.73	0.42	-0.39	0.15
13,851.04	89.33	180.35	8,967.55	-4,678.16	-223.09	4,681.76	1.59	-1.45	0.64
Cross Sec Line 6 into 7 - 13851.04 MD 8967.55 TVD									
13,881.00	88.89	180.54	8,968.02	-4,708.12	-223.32	4,711.72	1.59	-1.45	0.64
13,975.00	89.36	180.38	8,969.45	-4,802.10	-224.07	4,805.70	0.53	0.50	-0.17
14,070.00	90.34	181.27	8,969.70	-4,897.09	-225.44	4,900.69	1.39	1.03	0.94
14,165.00	90.91	181.07	8,968.67	-4,992.06	-227.38	4,995.69	0.64	0.60	-0.21
14,260.00	90.57	181.84	8,967.44	-5,087.02	-229.79	5,090.68	0.89	-0.36	0.81
14,354.00	92.38	182.03	8,965.02	-5,180.94	-232.96	5,184.63	1.94	1.93	0.20
14,449.00	91.21	181.64	8,962.04	-5,275.84	-236.01	5,279.58	1.30	-1.23	-0.41
14,544.00	90.30	181.20	8,960.79	-5,370.80	-238.36	5,374.57	1.06	-0.96	-0.46
14,638.00	88.93	180.47	8,961.42	-5,464.78	-239.73	5,468.56	1.65	-1.46	-0.78
14,733.00	88.59	180.32	8,963.48	-5,559.76	-240.38	5,563.53	0.39	-0.36	-0.16
14,827.00	89.09	180.93	8,965.38	-5,653.73	-241.41	5,657.51	0.84	0.53	0.65
14,921.00	89.73	181.13	8,966.35	-5,747.71	-243.10	5,751.50	0.71	0.68	0.21
15,016.00	89.43	179.38	8,967.05	-5,842.71	-243.52	5,846.48	1.87	-0.32	-1.84
15,111.00	90.44	179.92	8,967.16	-5,937.70	-242.94	5,941.45	1.21	1.06	0.57
15,206.00	88.19	179.74	8,968.29	-6,032.69	-242.66	6,036.41	2.38	-2.37	-0.19
15,301.00	88.49	180.25	8,971.04	-6,127.65	-242.65	6,131.35	0.62	0.32	0.54
15,395.00	89.50	180.18	8,972.69	-6,221.63	-243.00	6,225.32	1.08	1.07	-0.07
15,490.00	88.42	178.29	8,974.42	-6,316.60	-241.74	6,320.24	2.29	-1.14	-1.99
15,585.00	87.68	177.73	8,977.65	-6,411.49	-238.44	6,415.04	0.98	-0.78	-0.59
15,679.00	90.70	176.82	8,978.98	-6,505.36	-233.97	6,508.80	3.36	3.21	-0.97
15,774.00	90.03	176.80	8,978.37	-6,600.21	-228.68	6,603.52	0.71	-0.71	-0.02
15,869.00	90.47	177.02	8,977.96	-6,695.07	-223.56	6,698.26	0.52	0.46	0.23
15,963.00	91.71	177.43	8,976.17	-6,788.94	-219.01	6,792.01	1.39	1.32	0.44
16,058.00	92.75	177.95	8,972.47	-6,883.79	-215.19	6,886.76	1.22	1.09	0.55
16,153.00	90.54	178.32	8,969.75	-6,978.70	-212.10	6,981.59	2.36	-2.33	0.39
16,248.00	89.50	178.09	8,969.71	-7,073.65	-209.12	7,076.46	1.12	-1.09	-0.24
16,343.00	89.53	177.78	8,970.52	-7,168.58	-205.70	7,171.30	0.33	0.03	-0.33
16,437.00	89.60	178.45	8,971.23	-7,262.53	-202.61	7,265.16	0.72	0.07	0.71
16,532.00	90.97	178.67	8,970.76	-7,357.50	-200.22	7,360.06	1.46	1.44	0.23
16,627.00	90.17	180.03	8,969.81	-7,452.48	-199.14	7,455.00	1.66	-0.84	1.43
16,721.00	89.46	180.06	8,970.12	-7,546.48	-199.22	7,548.98	0.76	-0.76	0.03
16,816.00	89.76	180.57	8,970.76	-7,641.48	-199.74	7,643.97	0.62	0.32	0.54
16,911.00	90.17	181.05	8,970.82	-7,736.47	-201.08	7,738.97	0.66	0.43	0.51
17,006.00	91.17	181.12	8,969.71	-7,831.44	-202.88	7,833.96	1.06	1.05	0.07



Scientific Drilling, Intl

Survey Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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)
17,100.00	90.20	180.69	8,968.59	-7,925.42	-204.36	7,927.95	1.13	-1.03	-0.46
17,195.00	90.74	180.37	8,967.81	-8,020.42	-205.24	8,022.94	0.66	0.57	-0.34
17,289.00	89.60	181.83	8,967.53	-8,114.39	-207.05	8,116.94	1.97	-1.21	1.55
17,384.00	89.80	182.45	8,968.03	-8,209.33	-210.59	8,211.92	0.69	0.21	0.65
17,479.00	90.44	182.54	8,967.83	-8,304.23	-214.73	8,306.90	0.68	0.67	0.09
17,573.00	89.83	180.65	8,967.61	-8,398.19	-217.35	8,400.89	2.11	-0.65	-2.01
17,668.00	90.07	180.46	8,967.69	-8,493.19	-218.27	8,495.88	0.32	0.25	-0.20
17,763.00	89.09	180.60	8,968.38	-8,588.18	-219.15	8,590.87	1.04	-1.03	0.15
17,858.00	89.09	181.77	8,969.89	-8,683.15	-221.11	8,685.86	1.23	0.00	1.23
17,952.00	89.83	182.01	8,970.78	-8,777.09	-224.21	8,779.85	0.83	0.79	0.26
18,047.00	87.72	179.79	8,972.81	-8,872.05	-225.70	8,874.81	3.22	-2.22	-2.34
18,142.00	88.25	179.41	8,976.15	-8,966.98	-225.04	8,969.72	0.69	0.56	-0.40
18,236.00	89.16	179.12	8,978.28	-9,060.95	-223.83	9,063.64	1.02	0.97	-0.31
18,331.00	88.66	178.21	8,980.08	-9,155.91	-221.62	9,158.53	1.09	-0.53	-0.96
18,426.00	89.03	178.40	8,982.00	-9,250.85	-218.81	9,253.39	0.44	0.39	0.20
18,521.00	90.34	178.91	8,982.52	-9,345.82	-216.58	9,348.29	1.48	1.38	0.54
18,615.00	91.78	178.63	8,980.78	-9,439.78	-214.56	9,442.19	1.56	1.53	-0.30
18,710.00	92.21	178.54	8,977.47	-9,534.69	-212.22	9,537.04	0.46	0.45	-0.09
18,804.00	91.21	177.88	8,974.67	-9,628.60	-209.29	9,630.87	1.27	-1.06	-0.70
18,899.00	92.11	177.86	8,971.92	-9,723.49	-205.76	9,725.67	0.95	0.95	-0.02
18,975.00	91.78	177.64	8,969.34	-9,799.39	-202.77	9,801.49	0.52	-0.43	-0.29
19,030.83	91.78	177.64	8,967.60	-9,855.15	-200.48	9,857.19	0.00	0.00	0.00
LTP 100 FSL - 19030.83 MD 8967.6 TVD									
19,040.00	91.78	177.64	8,967.32	-9,864.30	-200.10	9,866.33	0.00	0.00	0.00
Actual BH: 90.8 FSL 1213 FWL - 19040 MD 8967.32 TVD - Y-414418.20 X-731462.77 - 32.137824°N 103.719087°W									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,510.72	8,466.05	500.63	-273.47	FTP 100 FNL
8,510.72	8,466.05	500.63	-273.47	8510.72 MD 8466.05 TVD
13,851.04	8,967.55	-4,678.16	-223.09	Cross Sec Line 6 into 7
13,851.04	8,967.55	-4,678.16	-223.09	13851.04 MD 8967.55 TVD
19,030.83	8,967.60	-9,855.15	-200.48	LTP 100 FSL
19,030.83	8,967.60	-9,855.15	-200.48	19030.83 MD 8967.6 TVD
19,040.00	8,967.32	-9,864.30	-200.10	Actual BH: 90.8 FSL 1213 FWL
19,040.00	8,967.32	-9,864.30	-200.10	19040 MD 8967.32 TVD
19,040.00	8,967.32	-9,864.30	-200.10	Y-414418.20 X-731462.77
19,040.00	8,967.32	-9,864.30	-200.10	32.137824°N 103.719087°W

Checked By: _____ Approved By: _____ Date: _____



Devon Energy

Lea County, NM (NAD83 NME)

Trionyx Project

Trionyx 6-7 Fed Com 521H

OH Wellbore

Design: As Drilled

Survey Report - Geographic

05 August, 2021



www.scientificdrilling.com





Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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		Trionyx Project			
Site Position:		Northing:	424,282.87 usft	Latitude:	32.164936
From:	Map	Easting:	731,722.88 usft	Longitude:	-103.718065
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.33 °

Well	Trionyx 6-7 Fed Com 521H					
Well Position	+N/-S	0.00 usft	Northing:	424,282.50 usft	Latitude:	32.164936
	+E/-W	0.00 usft	Easting:	731,662.87 usft	Longitude:	-103.718259
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,503.30 usft	Ground Level:	3,477.30 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	6/14/2021	6.48	59.78	47,649.50000000

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	181.18	

Survey Program	Date	8/5/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
197.00	19,040.00	Survey #1 (OH Wellbore)	MWD+HDGM	OWSG MWD + HDGM	

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	424,282.50	731,662.87	32.164936	-103.718259
197.00	0.31	151.13	197.00	-0.47	0.26	424,282.03	731,663.12	32.164934	-103.718258
294.00	0.12	146.34	294.00	-0.78	0.44	424,281.72	731,663.31	32.164934	-103.718257
384.00	0.27	123.00	384.00	-0.97	0.67	424,281.52	731,663.54	32.164933	-103.718257
475.00	0.38	84.56	475.00	-1.06	1.15	424,281.44	731,664.02	32.164933	-103.718255
566.00	0.45	76.82	565.99	-0.95	1.80	424,281.55	731,664.67	32.164933	-103.718253
655.00	0.50	59.05	654.99	-0.67	2.47	424,281.83	731,665.34	32.164934	-103.718251
745.00	0.44	71.55	744.99	-0.36	3.14	424,282.14	731,666.00	32.164935	-103.718249
803.00	0.50	67.47	802.99	-0.19	3.58	424,282.30	731,666.45	32.164935	-103.718247
962.00	0.50	71.47	961.98	0.29	4.88	424,282.79	731,667.75	32.164936	-103.718243
1,052.00	0.48	91.48	1,051.98	0.41	5.63	424,282.91	731,668.50	32.164937	-103.718240
1,143.00	0.57	91.10	1,142.97	0.39	6.46	424,282.89	731,669.33	32.164937	-103.718238



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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
1,233.00	0.87	86.01	1,232.97	0.43	7.59	424,282.93	731,670.46	32.164937	-103.718234
1,323.00	1.22	327.94	1,322.96	1.29	7.77	424,283.79	731,670.63	32.164939	-103.718234
1,413.00	2.10	322.01	1,412.92	3.40	6.24	424,285.90	731,669.11	32.164945	-103.718238
1,507.00	2.00	323.26	1,506.86	6.07	4.20	424,288.57	731,667.07	32.164952	-103.718245
1,602.00	1.73	320.99	1,601.81	8.51	2.31	424,291.01	731,665.17	32.164959	-103.718251
1,696.00	1.68	323.77	1,695.77	10.73	0.60	424,293.23	731,663.47	32.164965	-103.718257
1,791.00	1.59	325.52	1,790.73	12.94	-0.97	424,295.44	731,661.90	32.164971	-103.718262
1,980.00	1.18	315.62	1,979.67	16.49	-3.82	424,298.99	731,659.05	32.164981	-103.718271
2,075.00	1.23	311.93	2,074.65	17.87	-5.26	424,300.37	731,657.61	32.164985	-103.718275
2,169.00	0.98	313.79	2,168.63	19.10	-6.59	424,301.60	731,656.28	32.164988	-103.718280
2,264.00	0.78	307.95	2,263.62	20.06	-7.69	424,302.56	731,655.18	32.164991	-103.718283
2,359.00	0.68	307.62	2,358.62	20.80	-8.64	424,303.30	731,654.22	32.164993	-103.718286
2,453.00	0.63	306.28	2,452.61	21.45	-9.50	424,303.95	731,653.37	32.164995	-103.718289
2,548.00	0.68	315.21	2,547.60	22.16	-10.32	424,304.66	731,652.55	32.164997	-103.718292
2,643.00	0.54	328.60	2,642.60	22.94	-10.95	424,305.44	731,651.92	32.164999	-103.718294
2,737.00	1.40	320.43	2,736.58	24.20	-11.91	424,306.70	731,650.95	32.165002	-103.718297
2,832.00	3.55	333.62	2,831.49	27.73	-13.96	424,310.23	731,648.91	32.165012	-103.718303
2,926.00	5.74	338.66	2,925.18	34.72	-16.96	424,317.22	731,645.90	32.165031	-103.718313
3,021.00	7.45	335.75	3,019.54	44.76	-21.22	424,327.26	731,641.65	32.165059	-103.718326
3,115.00	7.52	335.01	3,112.74	55.89	-26.32	424,338.39	731,636.54	32.165090	-103.718343
3,210.00	7.10	335.71	3,206.97	66.88	-31.36	424,349.38	731,631.50	32.165120	-103.718359
3,304.00	6.71	339.04	3,300.29	77.30	-35.72	424,359.80	731,627.15	32.165149	-103.718373
3,399.00	6.26	340.71	3,394.68	87.37	-39.41	424,369.87	731,623.45	32.165177	-103.718384
3,494.00	7.13	336.88	3,489.03	97.68	-43.44	424,380.18	731,619.43	32.165205	-103.718397
3,588.00	7.48	334.83	3,582.27	108.59	-48.33	424,391.09	731,614.53	32.165235	-103.718413
3,683.00	6.86	335.30	3,676.53	119.34	-53.33	424,401.84	731,609.53	32.165265	-103.718429
3,778.00	6.97	334.50	3,770.84	129.69	-58.19	424,412.19	731,604.68	32.165293	-103.718444
3,873.00	7.32	334.83	3,865.10	140.37	-63.24	424,422.87	731,599.62	32.165323	-103.718460
3,967.00	6.81	333.30	3,958.38	150.77	-68.29	424,433.27	731,594.57	32.165351	-103.718477
4,062.00	5.91	333.23	4,052.80	160.17	-73.03	424,442.67	731,589.84	32.165377	-103.718492
4,157.00	5.93	332.37	4,147.29	168.89	-77.51	424,451.39	731,585.36	32.165401	-103.718506
4,252.00	7.03	330.88	4,241.68	178.31	-82.61	424,460.81	731,580.26	32.165427	-103.718522
4,346.00	6.40	329.60	4,335.04	187.86	-88.06	424,470.36	731,574.81	32.165454	-103.718540
4,441.00	5.75	328.29	4,429.50	196.47	-93.24	424,478.97	731,569.62	32.165477	-103.718556
4,520.00	5.30	323.77	4,508.14	202.78	-97.48	424,485.28	731,565.39	32.165495	-103.718570
4,615.00	6.60	326.45	4,602.62	210.87	-103.09	424,493.37	731,559.78	32.165517	-103.718588
4,709.00	7.17	328.32	4,695.95	220.37	-109.16	424,502.87	731,553.71	32.165543	-103.718607
4,804.00	7.84	330.78	4,790.13	231.07	-115.43	424,513.57	731,547.43	32.165573	-103.718627
4,899.00	8.95	331.79	4,884.11	243.23	-122.09	424,525.73	731,540.78	32.165606	-103.718649
4,993.00	8.88	331.97	4,976.98	256.08	-128.95	424,538.58	731,533.91	32.165642	-103.718671
5,088.00	9.08	332.03	5,070.81	269.17	-135.92	424,551.67	731,526.95	32.165678	-103.718693
5,183.00	9.32	331.97	5,164.59	282.58	-143.05	424,565.08	731,519.82	32.165715	-103.718716
5,278.00	9.38	331.19	5,258.33	296.16	-150.39	424,578.66	731,512.47	32.165752	-103.718739
5,372.00	9.27	331.16	5,351.09	309.50	-157.74	424,592.00	731,505.13	32.165789	-103.718763
5,467.00	8.28	328.92	5,444.97	322.06	-164.96	424,604.56	731,497.91	32.165824	-103.718786
5,562.00	8.20	329.78	5,538.99	333.78	-171.90	424,616.28	731,490.97	32.165856	-103.718808
5,656.00	7.84	326.70	5,632.07	344.93	-178.79	424,627.43	731,484.07	32.165887	-103.718830
5,751.00	7.92	327.32	5,726.18	355.85	-185.88	424,638.35	731,476.98	32.165917	-103.718853
5,845.00	7.88	329.44	5,819.28	366.85	-192.66	424,649.35	731,470.21	32.165947	-103.718875
5,940.00	8.26	331.94	5,913.34	378.48	-199.18	424,660.98	731,463.69	32.165979	-103.718895
6,034.00	8.20	333.88	6,006.38	390.46	-205.31	424,672.96	731,457.56	32.166012	-103.718915
6,129.00	7.66	333.27	6,100.47	402.20	-211.14	424,684.70	731,451.73	32.166045	-103.718934
6,224.00	7.14	331.88	6,194.68	413.06	-216.77	424,695.56	731,446.10	32.166075	-103.718952
6,318.00	7.73	335.70	6,287.88	423.97	-222.12	424,706.47	731,440.74	32.166105	-103.718969
6,413.00	7.65	338.49	6,382.03	435.68	-227.07	424,718.18	731,435.80	32.166137	-103.718984



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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
6,508.00	7.44	338.23	6,476.21	447.27	-231.67	424,729.77	731,431.20	32.166169	-103.718999
6,602.00	7.45	339.98	6,569.42	458.65	-236.01	424,741.15	731,426.85	32.166200	-103.719013
6,697.00	7.25	337.61	6,663.64	469.98	-240.40	424,752.48	731,422.46	32.166231	-103.719027
6,791.00	6.46	333.03	6,756.96	480.18	-245.06	424,762.68	731,417.80	32.166259	-103.719042
6,886.00	5.87	332.19	6,851.41	489.24	-249.75	424,771.74	731,413.11	32.166284	-103.719057
6,980.00	5.20	324.50	6,944.98	496.96	-254.47	424,779.46	731,408.40	32.166306	-103.719072
7,075.00	5.18	322.90	7,039.59	503.88	-259.56	424,786.38	731,403.31	32.166325	-103.719088
7,170.00	4.57	319.10	7,134.24	510.16	-264.62	424,792.66	731,398.25	32.166342	-103.719104
7,264.00	3.95	331.11	7,227.98	515.83	-268.64	424,798.33	731,394.23	32.166358	-103.719117
7,359.00	4.11	336.18	7,322.75	521.81	-271.59	424,804.31	731,391.27	32.166374	-103.719127
7,454.00	2.63	347.75	7,417.58	527.05	-273.43	424,809.55	731,389.44	32.166389	-103.719133
7,548.00	2.23	3.92	7,511.50	530.99	-273.76	424,813.49	731,389.10	32.166400	-103.719134
7,643.00	2.21	1.82	7,606.43	534.66	-273.58	424,817.16	731,389.29	32.166410	-103.719133
7,737.00	1.69	2.14	7,700.37	537.86	-273.47	424,820.36	731,389.40	32.166418	-103.719133
7,832.00	1.46	13.96	7,795.34	540.43	-273.12	424,822.93	731,389.74	32.166426	-103.719131
7,927.00	1.28	11.28	7,890.31	542.65	-272.62	424,825.15	731,390.24	32.166432	-103.719130
8,021.00	0.92	4.94	7,984.29	544.43	-272.35	424,826.93	731,390.51	32.166437	-103.719129
8,116.00	0.54	346.98	8,079.29	545.62	-272.39	424,828.12	731,390.48	32.166440	-103.719129
8,210.00	0.29	191.59	8,173.29	545.82	-272.54	424,828.32	731,390.33	32.166440	-103.719129
8,305.00	0.86	187.09	8,268.28	544.88	-272.67	424,827.38	731,390.19	32.166438	-103.719130
8,370.00	3.03	184.83	8,333.24	542.68	-272.88	424,825.18	731,389.99	32.166432	-103.719131
8,465.00	23.16	181.13	8,425.29	521.28	-273.46	424,803.78	731,389.40	32.166373	-103.719133
8,510.72	30.59	179.14	8,466.05	500.63	-273.47	424,783.13	731,389.40	32.166316	-103.719133
FTP 100 FNL - 8510.72 MD 8466.05 TVD									
8,560.00	38.63	177.79	8,506.57	472.67	-272.68	424,755.17	731,390.18	32.166239	-103.719131
8,654.00	44.68	175.30	8,576.78	410.35	-268.84	424,692.85	731,394.03	32.166068	-103.719120
8,749.00	47.14	175.55	8,642.87	342.34	-263.40	424,624.84	731,399.46	32.165881	-103.719104
8,843.00	47.06	174.52	8,706.86	273.74	-257.44	424,556.24	731,405.42	32.165692	-103.719086
8,938.00	54.87	176.71	8,766.65	200.23	-251.88	424,482.73	731,410.98	32.165490	-103.719069
9,033.00	60.50	178.36	8,817.42	120.05	-248.47	424,402.55	731,414.40	32.165270	-103.719059
9,127.00	67.31	179.16	8,858.74	35.70	-246.66	424,318.20	731,416.21	32.165038	-103.719055
9,222.00	74.82	179.72	8,889.55	-54.09	-245.79	424,228.41	731,417.07	32.164791	-103.719054
9,317.00	79.84	180.43	8,910.38	-146.74	-245.92	424,135.76	731,416.95	32.164536	-103.719056
9,411.00	83.89	181.48	8,923.67	-239.76	-247.47	424,042.73	731,415.39	32.164281	-103.719063
9,506.00	86.81	180.95	8,931.38	-334.42	-249.48	423,948.08	731,413.39	32.164020	-103.719071
9,601.00	88.52	179.61	8,935.25	-429.33	-249.94	423,853.16	731,412.92	32.163760	-103.719074
9,695.00	92.61	181.38	8,934.32	-523.30	-250.75	423,759.20	731,412.11	32.163501	-103.719079
9,789.00	88.56	180.96	8,933.36	-617.26	-252.67	423,665.24	731,410.19	32.163243	-103.719087
9,884.00	89.19	180.88	8,935.22	-712.23	-254.20	423,570.27	731,408.67	32.162982	-103.719093
9,979.00	88.79	179.45	8,936.90	-807.21	-254.47	423,475.29	731,408.39	32.162721	-103.719096
10,073.00	90.91	178.80	8,937.15	-901.19	-253.04	423,381.31	731,409.83	32.162463	-103.719093
10,168.00	90.40	178.93	8,936.06	-996.17	-251.16	423,286.33	731,411.71	32.162201	-103.719089
10,263.00	87.62	179.60	8,937.70	-1,091.14	-249.94	423,191.36	731,412.93	32.161940	-103.719087
10,357.00	89.87	178.81	8,939.76	-1,185.10	-248.63	423,097.40	731,414.23	32.161682	-103.719084
10,452.00	88.69	179.49	8,940.95	-1,280.08	-247.22	423,002.42	731,415.64	32.161421	-103.719081
10,473.00	89.03	180.20	8,941.37	-1,301.07	-247.17	422,981.43	731,415.70	32.161363	-103.719081
10,567.00	90.67	180.12	8,941.62	-1,395.07	-247.43	422,887.43	731,415.44	32.161105	-103.719084
10,662.00	89.09	179.71	8,941.82	-1,490.07	-247.29	422,792.43	731,415.58	32.160844	-103.719085
10,757.00	89.26	179.69	8,943.18	-1,585.05	-246.79	422,697.45	731,416.08	32.160583	-103.719085
10,851.00	89.53	179.45	8,944.18	-1,679.05	-246.09	422,603.45	731,416.78	32.160324	-103.719085
10,946.00	90.17	180.03	8,944.43	-1,774.04	-245.65	422,508.46	731,417.21	32.160063	-103.719085
11,041.00	91.48	180.15	8,943.06	-1,869.03	-245.80	422,413.47	731,417.06	32.159802	-103.719087
11,136.00	90.20	180.37	8,941.66	-1,964.02	-246.23	422,318.48	731,416.63	32.159541	-103.719091
11,230.00	90.87	180.36	8,940.79	-2,058.01	-246.83	422,224.49	731,416.03	32.159283	-103.719094
11,325.00	89.77	179.79	8,940.26	-2,153.01	-246.96	422,129.49	731,415.91	32.159021	-103.719096



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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
11,420.00	88.93	180.26	8,941.33	-2,248.00	-247.00	422,034.50	731,415.87	32.158760	-103.719098
11,515.00	88.46	180.76	8,943.50	-2,342.97	-247.84	421,939.53	731,415.02	32.158499	-103.719103
11,610.00	88.29	179.85	8,946.19	-2,437.93	-248.35	421,844.57	731,414.52	32.158238	-103.719106
11,704.00	88.72	179.98	8,948.64	-2,531.90	-248.21	421,750.60	731,414.66	32.157980	-103.719107
11,799.00	89.46	179.39	8,950.15	-2,626.88	-247.69	421,655.61	731,415.18	32.157719	-103.719108
11,893.00	90.23	178.19	8,950.41	-2,720.86	-245.70	421,561.64	731,417.16	32.157461	-103.719103
11,988.00	90.60	178.24	8,949.72	-2,815.81	-242.74	421,466.69	731,420.12	32.157200	-103.719095
12,083.00	92.01	179.75	8,947.56	-2,910.77	-241.08	421,371.73	731,421.79	32.156938	-103.719091
12,178.00	90.50	179.11	8,945.47	-3,005.74	-240.13	421,276.76	731,422.73	32.156677	-103.719090
12,272.00	91.98	179.43	8,943.44	-3,099.70	-238.94	421,182.79	731,423.93	32.156419	-103.719088
12,367.00	90.27	179.42	8,941.58	-3,194.68	-237.98	421,087.82	731,424.88	32.156158	-103.719087
12,461.00	90.47	179.85	8,940.97	-3,288.67	-237.38	420,993.83	731,425.48	32.155900	-103.719086
12,556.00	88.72	178.90	8,941.64	-3,383.66	-236.35	420,898.84	731,426.52	32.155639	-103.719085
12,651.00	88.49	178.53	8,943.95	-3,478.61	-234.22	420,803.89	731,428.65	32.155378	-103.719080
12,745.00	88.12	179.03	8,946.73	-3,572.55	-232.22	420,709.95	731,430.65	32.155119	-103.719075
12,840.00	88.86	178.70	8,949.24	-3,667.49	-230.34	420,615.01	731,432.53	32.154858	-103.719071
12,935.00	89.66	179.03	8,950.46	-3,762.47	-228.45	420,520.03	731,434.41	32.154597	-103.719066
13,029.00	89.43	179.69	8,951.21	-3,856.46	-227.40	420,426.04	731,435.46	32.154339	-103.719065
13,124.00	89.97	179.97	8,951.71	-3,951.45	-227.12	420,331.04	731,435.74	32.154078	-103.719066
13,218.00	86.54	179.50	8,954.57	-4,045.40	-226.69	420,237.10	731,436.18	32.153819	-103.719066
13,313.00	87.52	179.57	8,959.49	-4,140.26	-225.92	420,142.24	731,436.95	32.153559	-103.719065
13,408.00	88.52	180.06	8,962.77	-4,235.21	-225.61	420,047.29	731,437.25	32.153298	-103.719066
13,502.00	88.42	179.11	8,965.28	-4,329.17	-224.93	419,953.33	731,437.93	32.153039	-103.719065
13,597.00	88.79	179.48	8,967.60	-4,424.13	-223.76	419,858.37	731,439.10	32.152778	-103.719063
13,692.00	90.64	179.79	8,968.07	-4,519.13	-223.16	419,763.37	731,439.71	32.152517	-103.719063
13,786.00	90.27	179.93	8,967.32	-4,613.12	-222.93	419,669.38	731,439.94	32.152259	-103.719064
13,851.04	89.33	180.35	8,967.55	-4,678.16	-223.09	419,604.34	731,439.78	32.152080	-103.719066
Cross Sec Line 6 into 7 - 13851.04 MD 8967.55 TVD									
13,881.00	88.89	180.54	8,968.02	-4,708.12	-223.32	419,574.38	731,439.55	32.151998	-103.719067
13,975.00	89.36	180.38	8,969.45	-4,802.10	-224.07	419,480.40	731,438.79	32.151739	-103.719071
14,070.00	90.34	181.27	8,969.70	-4,897.09	-225.44	419,385.41	731,437.43	32.151478	-103.719078
14,165.00	90.91	181.07	8,968.67	-4,992.06	-227.38	419,290.44	731,435.49	32.151217	-103.719086
14,260.00	90.57	181.84	8,967.44	-5,087.02	-229.79	419,195.48	731,433.07	32.150956	-103.719095
14,354.00	92.38	182.03	8,965.02	-5,180.94	-232.96	419,101.56	731,429.90	32.150698	-103.719107
14,449.00	91.21	181.64	8,962.04	-5,275.84	-236.01	419,006.66	731,426.86	32.150437	-103.719119
14,544.00	90.30	181.20	8,960.79	-5,370.80	-238.36	418,911.70	731,424.51	32.150176	-103.719128
14,638.00	88.93	180.47	8,961.42	-5,464.78	-239.73	418,817.72	731,423.14	32.149918	-103.719134
14,733.00	88.59	180.32	8,963.48	-5,559.76	-240.38	418,722.74	731,422.48	32.149657	-103.719138
14,827.00	89.09	180.93	8,965.38	-5,653.73	-241.41	418,628.77	731,421.46	32.149399	-103.719143
14,921.00	89.73	181.13	8,966.35	-5,747.71	-243.10	418,534.79	731,419.77	32.149140	-103.719150
15,016.00	89.43	179.38	8,967.05	-5,842.71	-243.52	418,439.79	731,419.34	32.148879	-103.719153
15,111.00	90.44	179.92	8,967.16	-5,937.70	-242.94	418,344.80	731,419.93	32.148618	-103.719153
15,206.00	88.19	179.74	8,968.29	-6,032.69	-242.66	418,249.81	731,420.21	32.148357	-103.719154
15,301.00	88.49	180.25	8,971.04	-6,127.65	-242.65	418,154.85	731,420.22	32.148096	-103.719156
15,395.00	89.50	180.18	8,972.69	-6,221.63	-243.00	418,060.87	731,419.86	32.147838	-103.719159
15,490.00	88.42	178.29	8,974.42	-6,316.60	-241.74	417,965.90	731,421.13	32.147577	-103.719156
15,585.00	87.68	177.73	8,977.65	-6,411.49	-238.44	417,871.01	731,424.43	32.147316	-103.719147
15,679.00	90.70	176.82	8,978.98	-6,505.36	-233.97	417,777.14	731,428.90	32.147058	-103.719135
15,774.00	90.03	176.80	8,978.37	-6,600.21	-228.68	417,682.29	731,434.18	32.146797	-103.719119
15,869.00	90.47	177.02	8,977.96	-6,695.07	-223.56	417,587.43	731,439.30	32.146536	-103.719105
15,963.00	91.71	177.43	8,976.17	-6,788.94	-219.01	417,493.56	731,443.85	32.146278	-103.719092
16,058.00	92.75	177.95	8,972.47	-6,883.79	-215.19	417,398.71	731,447.68	32.146017	-103.719081
16,153.00	90.54	178.32	8,969.75	-6,978.70	-212.10	417,303.80	731,450.77	32.145756	-103.719073
16,248.00	89.50	178.09	8,969.71	-7,073.65	-209.12	417,208.85	731,453.74	32.145495	-103.719065
16,343.00	89.53	177.78	8,970.52	-7,168.58	-205.70	417,113.92	731,457.17	32.145234	-103.719056



Scientific Drilling, Intl

Survey Report - Geographic

Company:	Devon Energy	Local Co-ordinate Reference:	Well Trionyx 6-7 Fed Com 521H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Site:	Trionyx Project	MD Reference:	HP 265 3477.3 GL 26 KB @ 3503.30usft
Well:	Trionyx 6-7 Fed Com 521H	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
16,437.00	89.60	178.45	8,971.23	-7,262.53	-202.61	417,019.97	731,460.26	32.144976	-103.719047
16,532.00	90.97	178.67	8,970.76	-7,357.50	-200.22	416,925.00	731,462.65	32.144715	-103.719041
16,627.00	90.17	180.03	8,969.81	-7,452.48	-199.14	416,830.02	731,463.72	32.144454	-103.719040
16,721.00	89.46	180.06	8,970.12	-7,546.48	-199.22	416,736.02	731,463.65	32.144195	-103.719042
16,816.00	89.76	180.57	8,970.76	-7,641.48	-199.74	416,641.02	731,463.13	32.143934	-103.719045
16,911.00	90.17	181.05	8,970.82	-7,736.47	-201.08	416,546.03	731,461.79	32.143673	-103.719051
17,006.00	91.17	181.12	8,969.71	-7,831.44	-202.88	416,451.06	731,459.99	32.143412	-103.719059
17,100.00	90.20	180.69	8,968.59	-7,925.42	-204.36	416,357.08	731,458.50	32.143154	-103.719065
17,195.00	90.74	180.37	8,967.81	-8,020.42	-205.24	416,262.08	731,457.62	32.142893	-103.719070
17,289.00	89.60	181.83	8,967.53	-8,114.39	-207.05	416,168.11	731,455.82	32.142634	-103.719077
17,384.00	89.80	182.45	8,968.03	-8,209.33	-210.59	416,073.17	731,452.27	32.142373	-103.719091
17,479.00	90.44	182.54	8,967.83	-8,304.23	-214.73	415,978.26	731,448.14	32.142113	-103.719106
17,573.00	89.83	180.65	8,967.61	-8,398.19	-217.35	415,884.31	731,445.52	32.141854	-103.719116
17,668.00	90.07	180.46	8,967.69	-8,493.19	-218.27	415,789.31	731,444.60	32.141593	-103.719121
17,763.00	89.09	180.60	8,968.38	-8,588.18	-219.15	415,694.32	731,443.72	32.141332	-103.719125
17,858.00	89.09	181.77	8,969.89	-8,683.15	-221.11	415,599.35	731,441.76	32.141071	-103.719133
17,952.00	89.83	182.01	8,970.78	-8,777.09	-224.21	415,505.41	731,438.66	32.140813	-103.719145
18,047.00	87.72	179.79	8,972.81	-8,872.05	-225.70	415,410.45	731,437.16	32.140552	-103.719152
18,142.00	88.25	179.41	8,976.15	-8,966.98	-225.04	415,315.51	731,437.83	32.140291	-103.719151
18,236.00	89.16	179.12	8,978.28	-9,060.95	-223.83	415,221.55	731,439.03	32.140033	-103.719149
18,331.00	88.66	178.21	8,980.08	-9,155.91	-221.62	415,126.59	731,441.25	32.139772	-103.719144
18,426.00	89.03	178.40	8,982.00	-9,250.85	-218.81	415,031.65	731,444.05	32.139511	-103.719136
18,521.00	90.34	178.91	8,982.52	-9,345.82	-216.58	414,936.68	731,446.28	32.139250	-103.719131
18,615.00	91.78	178.63	8,980.78	-9,439.78	-214.56	414,842.72	731,448.30	32.138991	-103.719126
18,710.00	92.21	178.54	8,977.47	-9,534.69	-212.22	414,747.81	731,450.65	32.138730	-103.719120
18,804.00	91.21	177.88	8,974.67	-9,628.60	-209.29	414,653.90	731,453.58	32.138472	-103.719113
18,899.00	92.11	177.86	8,971.92	-9,723.49	-205.76	414,559.01	731,457.11	32.138211	-103.719103
18,975.00	91.78	177.64	8,969.34	-9,799.39	-202.77	414,483.11	731,460.09	32.138003	-103.719095
19,030.83	91.78	177.64	8,967.60	-9,855.15	-200.48	414,427.35	731,462.39	32.137849	-103.719088

LTP 100 FSL - 19030.83 MD 8967.6 TVD

19,040.00 91.78 177.64 8,967.32 -9,864.30 -200.10 414,418.19 731,462.77 32.137824 -103.719087

Actual BH: 90.8 FSL 1213 FWL - 19040 MD 8967.32 TVD - Y-414418.20 X-731462.77 - 32.137824°N 103.719087°W

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
8,510.72	8,466.05	500.63	-273.47	FTP 100 FNL
8,510.72	8,466.05	500.63	-273.47	8510.72 MD 8466.05 TVD
13,851.04	8,967.55	-4,678.16	-223.09	Cross Sec Line 6 into 7
13,851.04	8,967.55	-4,678.16	-223.09	13851.04 MD 8967.55 TVD
19,030.83	8,967.60	-9,855.15	-200.48	LTP 100 FSL
19,030.83	8,967.60	-9,855.15	-200.48	19030.83 MD 8967.6 TVD
19,040.00	8,967.32	-9,864.30	-200.10	Actual BH: 90.8 FSL 1213 FWL
19,040.00	8,967.32	-9,864.30	-200.10	19040 MD 8967.32 TVD
19,040.00	8,967.32	-9,864.30	-200.10	Y-414418.20 X-731462.77
19,040.00	8,967.32	-9,864.30	-200.10	32.137824°N 103.719087°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

WELL API NO.	30-025-47982
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name TRIONYX 6 7 FEDERAL COM	
8. Well Number	521H
9. OGRID Number	6137
10. Pool name or Wildcat ; WC-025 G-06 S253206M; BONE SPRING	

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>3</u> (lot) : <u>600</u> feet from the <u>North</u> line and <u>1455</u> feet from the <u>West</u> line Section <u>6</u> Township <u>25S</u> Range <u>32E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3477.3	

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

11/12/2021-MU/RIH W/ URS TOOLS; LOGGED 8750'- 2350' W/ 1100 PSI. PMPD 150 BBLS PW. ETOC 3570'

11/23/2021-12-2-2021- MIRU WL & PT. PT csg to 10300 PSI for 30min, OK.

TIH w/pump through frac plug and guns. Perf BONESPRING, 9272-19010 Frac totals 15806025 #prop , 282891 bbl fluid, 34 bbls acid. DO plugs & CO to PBDT w/float collar 19022 MD/8967 TVD CHC, FWB, ND BOP. Tubing set :12/27/2021: 8427.4',L-80, 2.875,TUBING -

PRODUCTION-252 JTS

TOP: 1/11/2022

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 2/9/2022

Type or print name Jenny Harms E-mail address: jenny.harms@dmn.com PHONE: 405-552-6560

For State Use Only Jenny Harms

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.		30-025-47982					
		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:						5. Lease Name or Unit Agreement Name			
☒ 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)						TRIONYX 6 7 FEDERAL COM 6. Well Number: 521H			
7. Type of Completion:									
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER									
8. Name of Operator						9. OGRID			
Devon Energy Production Company, L.P.						6137			
10. Address of Operator						11. Pool name or Wildcat			
333 West Sheridan Avenue, Oklahoma City, OK 73102						; WC-025 G-06 S253206M; BONE SPRING			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line		
Surface:		6	25S	32E	3	600	North		
BH:		7	25S	32E	4	93	South		
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)			
6/17/21	8/3/21	8/6/21		1/11/21		3477.3 GL			
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			
19040 MD, 8967 TVD		19022 MD/8967 TVD		Yes		CBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name									
9272-19010, 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	872	17.5	670					
9 5/8	40	4495	12.25	749					
5.5	20	19024	8.5	2343					
24. LINER RECORD									
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD				
					SIZE	DEPTH SET	PACKER SET		
					12/27/2021: 8427.4' L-80, 2.875" TUBING - PRODUCTION 252 JTS				
26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
9272 - 19010, total 1174 holes				DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9272-19010 Acidize and frac in 40 stages.					
28. PRODUCTION									
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)				
1/11/21					Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio		
1/24/22	24			1493	3852	1646	2580.040188		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)			
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By			
Sold									
31. List Attachments									
Directional Survey, Logs									
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.									
33. If an on-site burial was used at the well, report the exact location of the on-site burial:									
Latitude				Longitude		NAD 1927 1983			
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief									
Signature	Printed Name			Title	Regulatory Specialist	Date			
	Jenny Harms					2/9/2022			
E-mail Address	jenny.harms@dv.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.

Southeastern New Mexico		Northwestern New Mexico	
RUSTLER - 710			
SALT - 1075			
BASE OF SALT - 4250			
LAMAR - 4445			
Bone Spring 2nd - 4500			
3rd Bone Spring Lime - 4345			
Brushy Canyon - 6745			
1st Bone Spring Lime - 8375			
Bone Spring 1st - 9380			
Bone Spring 2nd - 9930			
3rd Bone Spring Lime - 10465			
Bone Spring 3rd - 11245			
Wolfcamp - 11675			
Strawn - 13625			

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 79962

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 79962
	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 79962

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 79962
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	5/17/2023