

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 / 1/21/21
⁴ API Number 30-025-46898	⁵ Pool Name JABALINA; Wolfcamp; SW	⁶ Pool Code 96776 KZ
⁷ Property Code 327351	⁸ Property Name Cobber 21-33 Fed Com	⁹ Well Number 7H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	26S	34E		216	North	1323	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
2	33	26S	34E		36	South	2106	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/21/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date	SL			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
014035	Marathon P.O. Box 552 Midland, TX 79702	Gas
371183	Energy Transfer 8111 Westchester Dr. Ste 600 Dallas, TX 75225	Gas

IV. Well Completion Data

²¹ Spud Date 4/28/20	²² Ready Date 1/21/21	²³ TD 25902	²⁴ PBDT 25844	²⁵ Perforations 13419 - 25788	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	863	650 sx CLC; Circ 307 sx		
9.875	8.625	12898	755 sx CLC; Circ 161 sx		
7.875	5.5	25892	2590 sx CIH; Circ 0 sx		
	Tubing:	0			

V. Well Test Data

³¹ Date New Oil 1/31/21	³² Gas Delivery Date 1/31/21	³³ Test Date 1/31/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 893 bbl	³⁹ Water 8926 bbl	⁴⁰ Gas 1506 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: <i>Rebecca Deal</i>			OIL CONSERVATION DIVISION		
Printed name: Rebecca Deal			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: LM II		
E-mail Address: Rebecca.Deal@dmv.com			Approval Date: 3/25/2021		
Date: 2/22/2021		Phone: 405-228-8429	FILE BLM 3160-4 COMPLETION REPORT WITHIN 10 DAYS TO NMOCD AFTER BLM APPROVAL		

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-46898	Pool Code 96776	Pool Name KZ JABALINA;WOLFCAMP, SOUTHWEST
Property Code 327175	Property Name COBBER 21-33 FED COM	Well Number 7H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3307.0'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	26-S	34-E		216	NORTH	1323	EAST	LEA

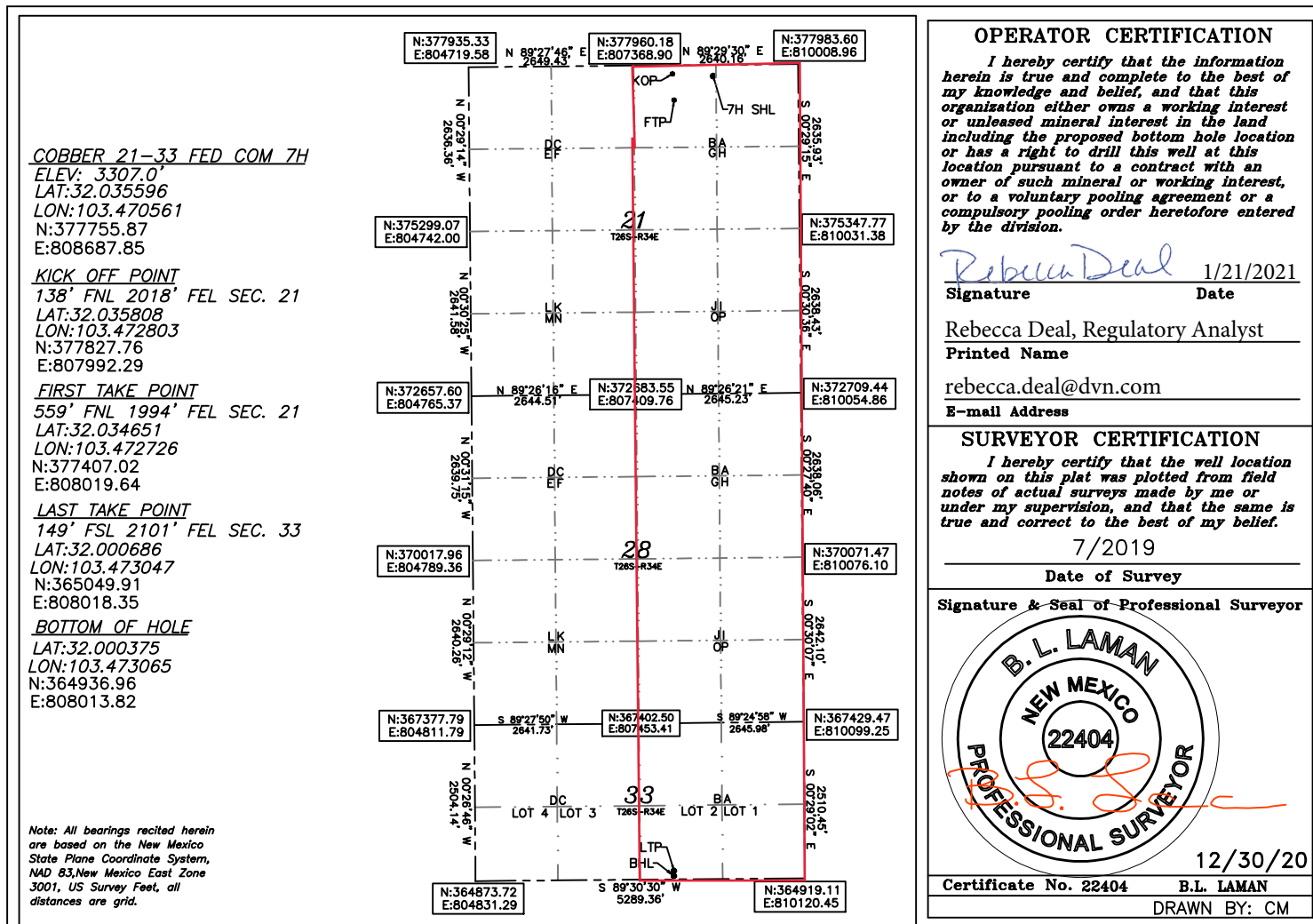
Bottom Hole Location If Different From Surface

SL

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 2	33	26-S	34-E		36	SOUTH	2106	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
792.03			

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



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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



Final MWD Survey Certification

Lea County, NM

Client: Devon Energy

Well Name: Cobber 21-33 Fed Com 7H

Total Job No: SW-200300

API No: 30-025-46898

Start Date: April 27th 2020

End Date: July 18th 2020

Measured Start Depth: 0 feet

Final Survey End Depth: 25356 feet PTB from final survey: 25414 feet

****Final hole Depth drilled with no survey: 25902 feet. Client is responsible for final open hole surveys and PTB.**

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

Date: July 20th 2020

Signed: *Jesse Yerxa*



Devon Energy

Lea County, NM (NAD83)

S21-T26S-R34E

COBBER 21-33 FED COM 7H

OH

Design: FINAL

Survey Report - Geographic

28 December, 2020





Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

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

Site		S21-T26S-R34E			
Site Position:		Northing:	377,756.14 usft	Latitude:	32.035596
From:	Map	Easting:	808,717.84 usft	Longitude:	-103.470464
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.46 °

Well	COBBER 21-33 FED COM 7H					
Well Position	+N/-S	0.0 usft	Northing:	377,755.87 usft	Latitude:	32.035596
	+E/-W	0.0 usft	Easting:	808,687.85 usft	Longitude:	-103.470561
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,307.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/25/2020	6.56	59.87	47,527.27642832

Design	FINAL				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	182.44	

Survey Program	Date	12/28/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.0	25,902.0	Survey #1 (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	377,755.87	808,687.85	32.035596	-103.470561
180.0	0.30	161.30	180.0	-0.4	0.2	377,755.42	808,688.00	32.035594	-103.470560
275.0	0.20	174.50	275.0	-0.8	0.2	377,755.02	808,688.09	32.035593	-103.470560
369.0	0.30	154.10	369.0	-1.2	0.4	377,754.64	808,688.22	32.035592	-103.470560
464.0	0.30	180.80	464.0	-1.7	0.5	377,754.16	808,688.32	32.035591	-103.470559
558.0	0.30	194.30	558.0	-2.2	0.4	377,753.68	808,688.26	32.035590	-103.470560
653.0	0.40	227.70	653.0	-2.7	0.1	377,753.22	808,687.95	32.035588	-103.470561
748.0	0.50	223.40	748.0	-3.2	-0.4	377,752.69	808,687.42	32.035587	-103.470562
794.0	0.60	208.60	794.0	-3.5	-0.7	377,752.33	808,687.17	32.035586	-103.470563
899.0	0.40	253.00	899.0	-4.1	-1.3	377,751.74	808,686.56	32.035584	-103.470565
994.0	0.50	264.50	994.0	-4.3	-2.0	377,751.61	808,685.83	32.035584	-103.470567
1,089.0	0.50	269.10	1,089.0	-4.3	-2.8	377,751.56	808,685.00	32.035584	-103.470570



Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,183.0	0.60	272.70	1,183.0	-4.3	-3.8	377,751.58	808,684.10	32.035584	-103.470573
1,277.0	0.50	258.00	1,277.0	-4.4	-4.6	377,751.52	808,683.20	32.035584	-103.470576
1,372.0	0.70	274.00	1,372.0	-4.4	-5.6	377,751.47	808,682.22	32.035584	-103.470579
1,466.0	0.60	271.60	1,466.0	-4.3	-6.7	377,751.52	808,681.15	32.035584	-103.470582
1,561.0	0.40	277.40	1,561.0	-4.3	-7.5	377,751.58	808,680.33	32.035584	-103.470585
1,657.0	0.50	272.90	1,657.0	-4.2	-8.3	377,751.64	808,679.58	32.035584	-103.470588
1,753.0	0.50	279.30	1,752.9	-4.1	-9.1	377,751.73	808,678.75	32.035584	-103.470590
1,847.0	0.40	283.50	1,846.9	-4.0	-9.8	377,751.88	808,678.02	32.035585	-103.470593
1,944.0	0.30	316.50	1,943.9	-3.7	-10.3	377,752.14	808,677.52	32.035586	-103.470594
2,040.0	0.40	61.40	2,039.9	-3.4	-10.2	377,752.48	808,677.64	32.035587	-103.470594
2,135.0	0.80	70.80	2,134.9	-3.0	-9.3	377,752.86	808,678.56	32.035588	-103.470591
2,231.0	1.10	76.50	2,230.9	-2.6	-7.8	377,753.30	808,680.09	32.035589	-103.470586
2,326.0	1.40	72.50	2,325.9	-2.0	-5.8	377,753.86	808,682.08	32.035590	-103.470579
2,422.0	1.80	14.70	2,421.9	-0.2	-4.3	377,755.67	808,683.58	32.035595	-103.470575
2,517.0	2.50	347.30	2,516.8	3.3	-4.3	377,759.13	808,683.50	32.035605	-103.470575
2,613.0	3.80	322.00	2,612.7	7.8	-6.8	377,763.68	808,681.08	32.035617	-103.470582
2,709.0	5.00	320.80	2,708.4	13.6	-11.4	377,769.43	808,676.48	32.035633	-103.470597
2,804.0	5.90	315.20	2,802.9	20.2	-17.4	377,776.10	808,670.42	32.035652	-103.470616
2,899.0	6.50	316.00	2,897.4	27.6	-24.6	377,783.44	808,663.25	32.035672	-103.470639
2,995.0	6.70	324.20	2,992.8	36.0	-31.6	377,791.89	808,656.20	32.035695	-103.470662
3,091.0	7.90	311.00	3,088.0	44.9	-39.9	377,800.76	808,647.94	32.035720	-103.470688
3,186.0	9.30	304.70	3,181.9	53.5	-51.1	377,809.41	808,636.70	32.035744	-103.470724
3,282.0	8.80	310.70	3,276.7	62.7	-63.1	377,818.62	808,624.76	32.035769	-103.470763
3,377.0	7.80	306.90	3,370.7	71.4	-73.8	377,827.23	808,614.09	32.035793	-103.470797
3,473.0	7.80	305.10	3,465.8	79.0	-84.3	377,834.88	808,603.55	32.035815	-103.470831
3,568.0	8.30	295.80	3,559.9	85.7	-95.7	377,841.58	808,592.11	32.035833	-103.470868
3,663.0	7.90	282.30	3,654.0	90.1	-108.3	377,845.95	808,579.55	32.035846	-103.470908
3,759.0	8.50	273.30	3,749.0	91.9	-121.8	377,847.77	808,566.02	32.035851	-103.470952
3,855.0	8.70	279.80	3,843.9	93.5	-136.1	377,849.41	808,551.79	32.035856	-103.470997
3,951.0	8.70	273.20	3,938.8	95.2	-150.5	377,851.05	808,537.38	32.035861	-103.471044
4,046.0	9.40	274.50	4,032.6	96.2	-165.4	377,852.06	808,522.47	32.035864	-103.471092
4,142.0	10.10	281.90	4,127.2	98.5	-181.4	377,854.41	808,506.42	32.035870	-103.471144
4,237.0	9.70	278.90	4,220.8	101.5	-197.5	377,857.37	808,490.36	32.035879	-103.471195
4,333.0	7.60	271.80	4,315.7	102.9	-211.8	377,858.82	808,476.03	32.035883	-103.471242
4,429.0	5.60	269.20	4,411.1	103.1	-222.9	377,858.95	808,465.00	32.035884	-103.471277
4,525.0	5.30	279.90	4,506.7	103.8	-231.9	377,859.65	808,455.94	32.035886	-103.471306
4,620.0	5.40	266.90	4,601.3	104.3	-240.7	377,860.16	808,447.16	32.035888	-103.471335
4,716.0	4.70	265.80	4,696.9	103.8	-249.1	377,859.63	808,438.72	32.035886	-103.471362
4,812.0	6.00	283.60	4,792.5	104.7	-257.9	377,860.52	808,429.92	32.035889	-103.471390
4,907.0	7.50	292.00	4,886.8	108.1	-268.5	377,864.01	808,419.35	32.035899	-103.471424
5,003.0	6.60	299.20	4,982.1	113.2	-279.1	377,869.05	808,408.72	32.035913	-103.471459
5,098.0	6.20	297.60	5,076.5	118.2	-288.4	377,874.09	808,399.41	32.035927	-103.471488
5,193.0	5.80	300.50	5,171.0	123.0	-297.1	377,878.90	808,390.73	32.035940	-103.471516
5,288.0	6.00	291.00	5,265.5	127.3	-305.9	377,883.12	808,381.96	32.035952	-103.471545
5,383.0	6.20	286.40	5,359.9	130.5	-315.4	377,886.35	808,372.40	32.035961	-103.471575
5,479.0	6.10	286.20	5,455.4	133.4	-325.3	377,889.23	808,362.53	32.035969	-103.471607
5,574.0	6.20	281.30	5,549.8	135.8	-335.2	377,891.65	808,352.65	32.035976	-103.471639
5,669.0	6.70	272.60	5,644.2	137.0	-345.8	377,892.90	808,342.09	32.035980	-103.471673
5,765.0	6.60	272.50	5,739.6	137.5	-356.9	377,893.40	808,330.98	32.035981	-103.471709
5,860.0	6.50	271.10	5,834.0	137.9	-367.7	377,893.74	808,320.15	32.035983	-103.471744
5,956.0	6.10	270.60	5,929.4	138.0	-378.2	377,893.90	808,309.62	32.035983	-103.471778
6,051.0	5.90	271.30	6,023.9	138.2	-388.2	377,894.06	808,299.69	32.035984	-103.471810
6,147.0	5.90	270.90	6,119.4	138.4	-398.0	377,894.25	808,289.82	32.035985	-103.471842
6,242.0	5.70	267.90	6,213.9	138.3	-407.6	377,894.15	808,280.22	32.035985	-103.471873
6,338.0	5.10	266.80	6,309.4	137.9	-416.6	377,893.74	808,271.20	32.035984	-103.471902



Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,433.0	5.90	262.90	6,404.0	137.0	-425.7	377,892.90	808,262.14	32.035982	-103.471931
6,529.0	6.10	262.20	6,499.5	135.7	-435.7	377,891.60	808,252.19	32.035978	-103.471963
6,624.0	5.80	261.70	6,594.0	134.4	-445.4	377,890.22	808,242.44	32.035975	-103.471995
6,719.0	5.50	261.30	6,688.5	133.0	-454.7	377,888.84	808,233.19	32.035971	-103.472024
6,815.0	5.40	260.40	6,784.1	131.5	-463.7	377,887.39	808,224.19	32.035967	-103.472054
6,911.0	5.30	261.00	6,879.7	130.1	-472.5	377,885.94	808,215.35	32.035963	-103.472082
7,006.0	5.10	259.30	6,974.3	128.6	-481.0	377,884.47	808,206.87	32.035960	-103.472110
7,102.0	4.90	257.40	7,069.9	126.9	-489.2	377,882.79	808,198.68	32.035955	-103.472136
7,197.0	5.30	272.70	7,164.5	126.2	-497.5	377,882.11	808,190.33	32.035954	-103.472163
7,293.0	5.00	274.80	7,260.1	126.8	-506.1	377,882.67	808,181.74	32.035955	-103.472191
7,388.0	4.80	273.90	7,354.8	127.4	-514.2	377,883.28	808,173.64	32.035957	-103.472217
7,484.0	4.30	271.90	7,450.5	127.8	-521.8	377,883.68	808,166.04	32.035958	-103.472241
7,579.0	5.00	274.20	7,545.2	128.2	-529.5	377,884.10	808,158.35	32.035960	-103.472266
7,675.0	4.90	273.00	7,640.8	128.8	-537.8	377,884.62	808,150.09	32.035961	-103.472293
7,770.0	4.50	270.70	7,735.5	129.0	-545.5	377,884.88	808,142.31	32.035962	-103.472318
7,866.0	4.10	269.00	7,831.2	129.0	-552.7	377,884.86	808,135.11	32.035962	-103.472341
7,961.0	3.80	267.20	7,926.0	128.8	-559.3	377,884.65	808,128.57	32.035962	-103.472362
8,057.0	3.60	267.00	8,021.8	128.5	-565.5	377,884.34	808,122.38	32.035961	-103.472382
8,152.0	3.70	259.50	8,116.6	127.8	-571.5	377,883.62	808,116.39	32.035959	-103.472401
8,247.0	3.50	250.90	8,211.4	126.2	-577.2	377,882.12	808,110.64	32.035955	-103.472420
8,343.0	2.80	241.90	8,307.3	124.2	-582.0	377,880.05	808,105.80	32.035950	-103.472436
8,438.0	2.60	237.30	8,402.2	121.9	-585.9	377,877.79	808,101.94	32.035944	-103.472448
8,533.0	2.50	231.30	8,497.1	119.5	-589.3	377,875.34	808,098.51	32.035937	-103.472459
8,629.0	2.40	228.70	8,593.0	116.8	-592.5	377,872.70	808,095.36	32.035930	-103.472470
8,725.0	2.70	253.00	8,688.9	114.8	-596.2	377,870.71	808,091.69	32.035924	-103.472482
8,821.0	3.20	272.00	8,784.8	114.3	-601.0	377,870.14	808,086.85	32.035923	-103.472497
8,916.0	3.00	274.50	8,879.6	114.6	-606.1	377,870.43	808,081.72	32.035924	-103.472514
9,012.0	2.50	270.50	8,975.5	114.8	-610.7	377,870.65	808,077.13	32.035924	-103.472529
9,108.0	2.40	285.50	9,071.4	115.3	-614.8	377,871.20	808,073.09	32.035926	-103.472542
9,203.0	2.60	291.50	9,166.3	116.7	-618.7	377,872.52	808,069.17	32.035930	-103.472554
9,299.0	2.40	289.80	9,262.3	118.1	-622.6	377,874.00	808,065.26	32.035934	-103.472567
9,394.0	2.30	288.50	9,357.2	119.4	-626.3	377,875.28	808,061.58	32.035938	-103.472579
9,490.0	2.20	285.60	9,453.1	120.5	-629.9	377,876.39	808,057.98	32.035941	-103.472590
9,585.0	2.00	282.80	9,548.0	121.4	-633.2	377,877.25	808,054.60	32.035943	-103.472601
9,681.0	1.90	278.70	9,644.0	122.0	-636.5	377,877.86	808,051.40	32.035945	-103.472611
9,777.0	1.70	279.90	9,739.9	122.5	-639.4	377,878.34	808,048.42	32.035946	-103.472621
9,872.0	1.60	276.70	9,834.9	122.9	-642.1	377,878.74	808,045.71	32.035947	-103.472630
9,967.0	1.40	275.10	9,929.9	123.1	-644.6	377,879.00	808,043.24	32.035948	-103.472638
10,063.0	1.10	274.80	10,025.8	123.3	-646.7	377,879.18	808,041.16	32.035949	-103.472644
10,158.0	1.20	252.60	10,120.8	123.1	-648.6	377,878.96	808,039.30	32.035948	-103.472650
10,254.0	1.20	270.20	10,216.8	122.8	-650.5	377,878.66	808,037.33	32.035947	-103.472657
10,349.0	1.00	265.60	10,311.8	122.7	-652.3	377,878.60	808,035.51	32.035947	-103.472663
10,445.0	1.20	259.00	10,407.8	122.5	-654.2	377,878.34	808,033.69	32.035947	-103.472668
10,540.0	1.00	264.00	10,502.7	122.2	-656.0	377,878.07	808,031.89	32.035946	-103.472674
10,635.0	0.80	248.70	10,597.7	121.9	-657.4	377,877.74	808,030.45	32.035945	-103.472679
10,730.0	0.90	241.00	10,692.7	121.3	-658.7	377,877.14	808,029.18	32.035943	-103.472683
10,826.0	0.50	218.80	10,788.7	120.6	-659.6	377,876.45	808,028.25	32.035941	-103.472686
10,921.0	0.80	210.20	10,883.7	119.7	-660.2	377,875.55	808,027.66	32.035939	-103.472688
11,016.0	0.70	208.70	10,978.7	118.6	-660.8	377,874.47	808,027.05	32.035936	-103.472690
11,111.0	0.20	220.10	11,073.7	118.0	-661.2	377,873.83	808,026.66	32.035934	-103.472691
11,207.0	0.30	191.30	11,169.7	117.6	-661.3	377,873.46	808,026.51	32.035933	-103.472692
11,302.0	0.40	225.50	11,264.7	117.1	-661.6	377,872.98	808,026.22	32.035932	-103.472693
11,398.0	0.80	239.50	11,360.7	116.5	-662.4	377,872.41	808,025.40	32.035930	-103.472695
11,493.0	1.10	257.10	11,455.7	116.0	-663.9	377,871.87	808,023.94	32.035929	-103.472700
11,589.0	2.50	230.80	11,551.6	114.5	-666.4	377,870.34	808,021.42	32.035925	-103.472708



Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,685.0	3.10	222.20	11,647.5	111.2	-669.8	377,867.09	808,018.06	32.035916	-103.472719
11,780.0	3.30	210.50	11,742.4	107.0	-672.9	377,862.83	808,014.94	32.035904	-103.472729
11,876.0	3.70	203.30	11,838.2	101.7	-675.5	377,857.61	808,012.32	32.035890	-103.472738
11,971.0	3.40	204.90	11,933.0	96.4	-677.9	377,852.24	808,009.92	32.035875	-103.472746
12,066.0	3.00	207.50	12,027.9	91.6	-680.3	377,847.47	808,007.58	32.035862	-103.472754
12,161.0	2.50	212.00	12,122.7	87.6	-682.5	377,843.51	808,005.34	32.035851	-103.472761
12,257.0	2.00	220.70	12,218.7	84.6	-684.7	377,840.47	808,003.14	32.035843	-103.472768
12,352.0	2.10	223.50	12,313.6	82.1	-687.0	377,837.95	808,000.86	32.035836	-103.472775
12,448.0	2.00	224.00	12,409.6	79.6	-689.4	377,835.47	807,998.48	32.035830	-103.472783
12,543.0	2.00	220.60	12,504.5	77.1	-691.6	377,833.02	807,996.25	32.035823	-103.472790
12,638.0	1.90	224.50	12,599.4	74.8	-693.8	377,830.63	807,994.07	32.035816	-103.472798
12,732.0	2.40	201.80	12,693.4	71.8	-695.6	377,827.69	807,992.25	32.035808	-103.472804
12,764.0	6.30	184.80	12,725.3	69.5	-696.0	377,825.32	807,991.85	32.035802	-103.472805
12,796.0	11.30	179.70	12,756.9	64.6	-696.1	377,820.43	807,991.72	32.035788	-103.472805
12,826.0	16.40	178.20	12,786.0	57.4	-696.0	377,813.26	807,991.87	32.035769	-103.472805
12,858.0	22.20	174.60	12,816.2	46.8	-695.3	377,802.71	807,992.58	32.035740	-103.472803
12,938.0	27.70	173.00	12,888.7	13.3	-691.6	377,769.19	807,996.27	32.035647	-103.472792
13,034.0	34.00	173.30	12,971.1	-35.5	-685.7	377,720.33	808,002.13	32.035513	-103.472774
13,129.0	45.50	175.80	13,044.0	-95.9	-680.1	377,659.96	808,007.73	32.035347	-103.472758
13,225.0	58.20	178.70	13,103.2	-171.2	-676.7	377,584.71	808,011.17	32.035140	-103.472749
13,321.0	66.10	177.90	13,148.0	-255.9	-674.1	377,499.94	808,013.71	32.034907	-103.472743
13,416.0	77.60	175.00	13,177.6	-345.9	-668.5	377,410.00	808,019.37	32.034660	-103.472727
13,512.0	86.30	174.60	13,191.0	-440.4	-659.9	377,315.43	808,027.98	32.034399	-103.472701
13,608.0	90.40	174.90	13,193.7	-536.0	-651.1	377,219.90	808,036.75	32.034137	-103.472676
13,703.0	89.70	174.20	13,193.7	-630.5	-642.1	377,125.33	808,045.78	32.033877	-103.472649
13,799.0	88.40	174.00	13,195.3	-726.0	-632.2	377,029.85	808,055.64	32.033614	-103.472619
13,895.0	90.80	175.60	13,195.9	-821.6	-623.5	376,934.26	808,064.34	32.033351	-103.472594
13,991.0	91.40	177.10	13,194.1	-917.4	-617.4	376,838.47	808,070.45	32.033088	-103.472577
14,087.0	92.80	179.90	13,190.6	-1,013.3	-614.9	376,742.58	808,072.97	32.032824	-103.472571
14,182.0	92.60	180.10	13,186.1	-1,108.2	-614.9	376,647.69	808,072.97	32.032563	-103.472573
14,278.0	93.40	181.10	13,181.1	-1,204.0	-615.9	376,551.83	808,071.96	32.032300	-103.472579
14,373.0	89.60	181.30	13,178.6	-1,299.0	-617.9	376,456.90	808,069.97	32.032039	-103.472588
14,469.0	90.20	180.80	13,178.7	-1,395.0	-619.6	376,360.91	808,068.21	32.031775	-103.472596
14,564.0	90.20	180.10	13,178.4	-1,489.9	-620.4	376,265.92	808,067.47	32.031514	-103.472601
14,659.0	89.10	178.20	13,179.0	-1,584.9	-619.0	376,170.94	808,068.88	32.031253	-103.472599
14,755.0	89.30	178.90	13,180.3	-1,680.9	-616.5	376,074.98	808,071.31	32.030989	-103.472593
14,851.0	89.50	179.80	13,181.3	-1,776.9	-615.5	375,978.99	808,072.40	32.030725	-103.472592
14,947.0	89.90	180.60	13,181.8	-1,872.9	-615.8	375,882.99	808,072.06	32.030461	-103.472596
15,042.0	91.40	182.70	13,180.8	-1,967.8	-618.5	375,788.05	808,069.33	32.030200	-103.472607
15,138.0	90.90	183.30	13,178.8	-2,063.7	-623.5	375,692.20	808,064.30	32.029937	-103.472626
15,234.0	88.50	183.20	13,179.3	-2,159.5	-629.0	375,596.36	808,058.86	32.029674	-103.472646
15,330.0	88.00	183.70	13,182.3	-2,255.3	-634.8	375,500.58	808,053.09	32.029410	-103.472667
15,426.0	87.90	183.80	13,185.7	-2,351.0	-641.0	375,404.85	808,046.81	32.029147	-103.472690
15,521.0	88.30	182.30	13,188.9	-2,445.8	-646.1	375,310.04	808,041.76	32.028887	-103.472708
15,617.0	87.90	181.60	13,192.0	-2,541.7	-649.4	375,214.15	808,038.49	32.028623	-103.472721
15,713.0	90.00	180.80	13,193.8	-2,637.7	-651.4	375,118.19	808,036.48	32.028360	-103.472730
15,809.0	91.00	180.60	13,193.0	-2,733.7	-652.5	375,022.20	808,035.31	32.028096	-103.472737
15,904.0	91.70	180.80	13,190.7	-2,828.6	-653.7	374,927.23	808,034.15	32.027835	-103.472743
16,000.0	92.20	181.00	13,187.5	-2,924.6	-655.2	374,831.30	808,032.64	32.027571	-103.472750
16,096.0	92.30	181.20	13,183.7	-3,020.5	-657.0	374,735.39	808,030.80	32.027308	-103.472759
16,191.0	90.90	182.20	13,181.0	-3,115.4	-659.9	374,640.48	808,027.99	32.027047	-103.472770
16,287.0	89.50	181.40	13,180.7	-3,211.3	-662.9	374,544.53	808,024.97	32.026783	-103.472782
16,383.0	89.90	181.80	13,181.2	-3,307.3	-665.6	374,448.57	808,022.29	32.026519	-103.472793
16,479.0	89.50	181.90	13,181.7	-3,403.2	-668.7	374,352.62	808,019.19	32.026256	-103.472806
16,574.0	89.40	181.60	13,182.6	-3,498.2	-671.6	374,257.67	808,016.29	32.025995	-103.472818



Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,670.0	89.10	181.50	13,183.9	-3,594.2	-674.2	374,161.71	808,013.69	32.025731	-103.472829
16,766.0	89.40	180.50	13,185.1	-3,690.1	-675.8	374,065.74	808,012.02	32.025467	-103.472836
16,861.0	89.80	179.80	13,185.8	-3,785.1	-676.1	373,970.74	808,011.77	32.025206	-103.472840
16,956.0	90.30	179.80	13,185.7	-3,880.1	-675.7	373,875.74	808,012.10	32.024945	-103.472841
17,052.0	88.70	178.30	13,186.6	-3,976.1	-674.2	373,779.76	808,013.69	32.024681	-103.472838
17,148.0	88.30	177.90	13,189.1	-4,072.0	-671.0	373,683.85	808,016.87	32.024418	-103.472831
17,243.0	88.00	177.70	13,192.1	-4,166.9	-667.3	373,588.97	808,020.52	32.024157	-103.472821
17,338.0	89.10	178.10	13,194.5	-4,261.8	-663.8	373,494.06	808,024.00	32.023896	-103.472812
17,434.0	89.00	177.30	13,196.1	-4,357.7	-660.0	373,398.16	808,027.85	32.023632	-103.472802
17,529.0	88.10	176.00	13,198.5	-4,452.5	-654.4	373,303.35	808,033.40	32.023371	-103.472787
17,624.0	89.60	175.80	13,200.4	-4,547.3	-647.7	373,208.62	808,040.19	32.023111	-103.472768
17,719.0	92.50	176.00	13,198.7	-4,642.0	-640.9	373,113.88	808,046.98	32.022850	-103.472748
17,815.0	93.30	176.30	13,193.8	-4,737.6	-634.4	373,018.23	808,053.42	32.022587	-103.472730
17,911.0	92.20	177.70	13,189.2	-4,833.4	-629.4	372,922.47	808,058.44	32.022324	-103.472716
18,006.0	92.60	178.10	13,185.3	-4,928.2	-625.9	372,827.62	808,061.92	32.022063	-103.472707
18,101.0	90.70	179.90	13,182.5	-5,023.2	-624.3	372,732.68	808,063.57	32.021802	-103.472704
18,143.7	90.92	180.30	13,181.9	-5,065.9	-624.4	372,689.98	808,063.50	32.021685	-103.472706
CROSS INTO SEC 28									
18,197.0	91.20	180.80	13,180.9	-5,119.2	-624.9	372,636.70	808,062.99	32.021538	-103.472709
18,292.0	89.30	179.90	13,180.5	-5,214.2	-625.4	372,541.70	808,062.41	32.021277	-103.472713
18,388.0	88.00	179.30	13,182.8	-5,310.1	-624.8	372,445.74	808,063.07	32.021013	-103.472713
18,483.0	87.60	179.80	13,186.4	-5,405.1	-624.0	372,350.81	808,063.82	32.020753	-103.472713
18,578.0	88.90	180.30	13,189.3	-5,500.0	-624.1	372,255.86	808,063.74	32.020492	-103.472716
18,674.0	89.10	181.10	13,191.0	-5,596.0	-625.3	372,159.88	808,062.56	32.020228	-103.472722
18,770.0	89.30	180.80	13,192.3	-5,692.0	-626.9	372,063.90	808,060.97	32.019964	-103.472730
18,865.0	89.30	180.60	13,193.5	-5,787.0	-628.0	371,968.92	808,059.81	32.019703	-103.472736
18,961.0	89.40	180.80	13,194.6	-5,882.9	-629.2	371,872.93	808,058.64	32.019439	-103.472742
19,056.0	89.40	180.70	13,195.6	-5,977.9	-630.5	371,777.94	808,057.40	32.019178	-103.472749
19,152.0	89.40	180.90	13,196.6	-6,073.9	-631.8	371,681.96	808,056.06	32.018914	-103.472756
19,247.0	88.80	180.80	13,198.1	-6,168.9	-633.2	371,586.98	808,054.65	32.018653	-103.472763
19,342.0	89.50	179.40	13,199.5	-6,263.9	-633.4	371,491.99	808,054.48	32.018392	-103.472766
19,437.0	89.20	177.80	13,200.6	-6,358.8	-631.0	371,397.03	808,056.80	32.018131	-103.472761
19,533.0	90.90	177.10	13,200.5	-6,454.7	-626.8	371,301.13	808,061.07	32.017867	-103.472749
19,628.0	90.60	178.00	13,199.2	-6,549.6	-622.7	371,206.23	808,065.13	32.017606	-103.472739
19,724.0	90.20	178.10	13,198.6	-6,645.6	-619.4	371,110.28	808,068.40	32.017343	-103.472730
19,819.0	90.50	178.70	13,198.0	-6,740.5	-616.8	371,015.32	808,071.05	32.017082	-103.472724
19,915.0	91.00	179.20	13,196.7	-6,836.5	-615.0	370,919.35	808,072.81	32.016818	-103.472721
20,010.0	90.90	178.60	13,195.2	-6,931.5	-613.2	370,824.38	808,074.64	32.016557	-103.472718
20,106.0	91.60	179.20	13,193.1	-7,027.4	-611.4	370,728.42	808,076.48	32.016293	-103.472714
20,202.0	92.50	180.20	13,189.6	-7,123.4	-610.9	370,632.49	808,076.98	32.016029	-103.472715
20,297.0	92.10	180.00	13,185.8	-7,218.3	-611.0	370,537.56	808,076.81	32.015768	-103.472718
20,393.0	91.60	179.40	13,182.7	-7,314.3	-610.5	370,441.62	808,077.32	32.015504	-103.472719
20,488.0	90.90	179.30	13,180.6	-7,409.2	-609.5	370,346.64	808,078.39	32.015243	-103.472718
20,584.0	92.70	179.70	13,177.6	-7,505.2	-608.6	370,250.70	808,079.23	32.014980	-103.472718
20,679.0	91.00	180.10	13,174.6	-7,600.1	-608.5	370,155.75	808,079.40	32.014719	-103.472720
20,775.0	91.50	179.90	13,172.5	-7,696.1	-608.5	370,059.78	808,079.40	32.014455	-103.472722
20,870.0	89.50	180.10	13,171.6	-7,791.1	-608.5	369,964.78	808,079.40	32.014194	-103.472724
20,965.0	89.10	180.20	13,172.8	-7,886.1	-608.7	369,869.79	808,079.15	32.013933	-103.472728
21,060.0	89.20	180.60	13,174.2	-7,981.1	-609.4	369,774.81	808,078.49	32.013672	-103.472732
21,156.0	90.70	181.00	13,174.3	-8,077.1	-610.7	369,678.82	808,077.15	32.013408	-103.472739
21,251.0	89.20	180.60	13,174.4	-8,172.0	-612.0	369,583.83	808,075.82	32.013147	-103.472746
21,345.0	89.80	180.60	13,175.2	-8,266.0	-613.0	369,489.84	808,074.83	32.012888	-103.472751
21,441.0	90.40	181.00	13,175.0	-8,362.0	-614.4	369,393.85	808,073.49	32.012625	-103.472758
21,537.0	89.50	180.10	13,175.1	-8,458.0	-615.3	369,297.86	808,072.57	32.012361	-103.472764
21,633.0	91.70	180.80	13,174.1	-8,554.0	-616.0	369,201.87	808,071.82	32.012097	-103.472768



Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
21,728.0	90.20	181.50	13,172.5	-8,649.0	-617.9	369,106.91	808,069.91	32.011836	-103.472777
21,824.0	89.80	181.50	13,172.5	-8,744.9	-620.4	369,010.94	808,067.40	32.011572	-103.472788
21,919.0	91.80	182.30	13,171.2	-8,839.9	-623.6	368,916.01	808,064.25	32.011311	-103.472800
22,014.0	90.40	182.00	13,169.4	-8,934.8	-627.2	368,821.09	808,060.69	32.011050	-103.472814
22,110.0	88.10	181.20	13,170.6	-9,030.7	-629.8	368,725.15	808,058.01	32.010787	-103.472825
22,206.0	88.20	181.00	13,173.7	-9,126.7	-631.7	368,629.21	808,056.17	32.010523	-103.472834
22,301.0	88.50	181.10	13,176.5	-9,221.6	-633.4	368,534.27	808,054.43	32.010262	-103.472842
22,396.0	88.80	181.20	13,178.7	-9,316.6	-635.3	368,439.31	808,052.52	32.010001	-103.472850
22,492.0	89.20	181.60	13,180.4	-9,412.5	-637.7	368,343.36	808,050.17	32.009738	-103.472860
22,587.0	87.70	179.70	13,183.0	-9,507.5	-638.8	368,248.41	808,049.10	32.009477	-103.472866
22,683.0	86.70	179.50	13,187.6	-9,603.3	-638.1	368,152.52	808,049.77	32.009213	-103.472867
22,778.0	88.10	179.80	13,192.0	-9,698.2	-637.5	368,057.63	808,050.35	32.008952	-103.472867
22,874.0	89.60	179.00	13,193.9	-9,794.2	-636.5	367,961.65	808,051.35	32.008688	-103.472866
22,969.0	89.30	179.20	13,194.8	-9,889.2	-635.0	367,866.67	808,052.84	32.008427	-103.472864
23,064.0	90.30	178.10	13,195.1	-9,984.2	-632.8	367,771.70	808,055.08	32.008166	-103.472859
23,160.0	90.90	178.90	13,194.1	-10,080.1	-630.3	367,675.74	808,057.59	32.007902	-103.472854
23,256.0	90.60	179.00	13,192.9	-10,176.1	-628.5	367,579.76	808,059.35	32.007638	-103.472850
23,351.0	91.60	179.70	13,191.0	-10,271.1	-627.4	367,484.79	808,060.43	32.007377	-103.472849
23,427.0	91.05	179.30	13,189.3	-10,347.1	-626.8	367,408.81	808,061.09	32.007169	-103.472849
CROSS INTO SEC 33									
23,447.0	90.90	179.20	13,188.9	-10,367.1	-626.5	367,388.82	808,061.35	32.007114	-103.472849
23,542.0	91.10	179.30	13,187.3	-10,462.0	-625.3	367,293.84	808,062.59	32.006853	-103.472847
23,638.0	91.80	180.30	13,184.9	-10,558.0	-624.9	367,197.87	808,062.93	32.006589	-103.472849
23,734.0	92.00	180.90	13,181.7	-10,653.9	-625.9	367,101.93	808,061.93	32.006325	-103.472854
23,830.0	92.50	182.00	13,177.9	-10,749.8	-628.4	367,006.04	808,059.50	32.006061	-103.472865
23,925.0	91.80	181.50	13,174.3	-10,844.7	-631.2	366,911.15	808,056.60	32.005801	-103.472876
24,021.0	92.40	181.00	13,170.8	-10,940.6	-633.3	366,815.24	808,054.51	32.005537	-103.472886
24,116.0	91.00	180.80	13,168.0	-11,035.6	-634.8	366,720.29	808,053.01	32.005276	-103.472893
24,211.0	90.60	180.70	13,166.7	-11,130.6	-636.1	366,625.31	808,051.77	32.005015	-103.472899
24,307.0	90.30	180.70	13,165.9	-11,226.5	-637.2	366,529.32	808,050.60	32.004751	-103.472906
24,403.0	90.60	180.60	13,165.2	-11,322.5	-638.3	366,433.33	808,049.51	32.004488	-103.472912
24,498.0	90.80	179.40	13,164.0	-11,417.5	-638.3	366,338.34	808,049.51	32.004226	-103.472914
24,594.0	90.90	179.40	13,162.6	-11,513.5	-637.3	366,242.36	808,050.51	32.003963	-103.472913
24,689.0	91.10	179.40	13,160.9	-11,608.5	-636.3	366,147.38	808,051.51	32.003701	-103.472912
24,785.0	91.10	179.40	13,159.1	-11,704.5	-635.3	366,051.40	808,052.51	32.003438	-103.472912
24,880.0	92.70	179.80	13,155.9	-11,799.4	-634.7	365,956.46	808,053.18	32.003177	-103.472912
24,975.0	93.10	180.80	13,151.1	-11,894.3	-635.2	365,861.58	808,052.68	32.002916	-103.472916
25,071.0	93.60	182.50	13,145.5	-11,990.1	-637.9	365,765.79	808,049.92	32.002653	-103.472927
25,166.0	92.40	182.80	13,140.5	-12,084.8	-642.3	365,671.02	808,045.54	32.002392	-103.472944
25,261.0	93.30	183.40	13,135.8	-12,179.6	-647.4	365,576.28	808,040.40	32.002132	-103.472963
25,356.0	93.40	182.30	13,130.3	-12,274.3	-652.2	365,481.56	808,035.69	32.001872	-103.472981
LAST SURVEY - 25356.0' MD									
25,902.0	93.40	182.30	13,097.9	-12,818.9	-674.0	364,936.96	808,013.82	32.000375	-103.473065
PTB - 25902.0' MD (35 FSL, 2108 FEL) - COBBER 21-33 7H BHL (20 FSL, 1980 FEL) P4 - COBBER 21-33 7H BHL (20 FSL, 1980 FEL)									



Survey Report - Geographic



Company:	Devon Energy	Local Co-ordinate Reference:	Well COBBER 21-33 FED COM 7H
Project:	Lea County, NM (NAD83)	TVD Reference:	30' KB @ 3337.0usft
Site:	S21-T26S-R34E	MD Reference:	30' KB @ 3337.0usft
Well:	COBBER 21-33 FED COM 7H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	EDM 5000.15 Single User Db

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
18,143.7	13,181.9	-5,065.9	-624.4	CROSS INTO SEC 28
23,427.0	13,189.3	-10,347.1	-626.8	CROSS INTO SEC 33
25,356.0	13,130.3	-12,274.3	-652.2	LAST SURVEY - 25356.0' MD
25,902.0	13,097.9	-12,818.9	-674.0	PTB - 25902.0' MD (35 FSL, 2108 FEL)

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.	30-025-46898
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Cobber 21-33 Fed Com
8. Well Number	7H
9. OGRID Number	6137
10. Pool name or Wildcat	JABALINA; Wolfcamp; SW

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter <u>B</u> : <u>216</u> feet from the <u>North</u> line and <u>1323</u> feet from the <u>East</u> line Section <u>21</u> Township <u>26S</u> Range <u>34E</u> NMPM County <u>Lea</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3307'	
---	--

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: Completion ☒
---	---

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

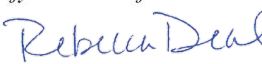
10/11/20 - 1/21/21: MIRU WL & PT. TIH & ran CBL, found TOC @ 12,350'. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 13,419'-25,788'. Frac totals 31,021,489# prop, 75 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 25,844'. CHC, FWB, ND BOP. Tubing to be ran at later date. TOP.

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

SIGNATURE Rebecca Deal TITLE Regulatory Analyst DATE 2/22/2021

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

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

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011	
		1. WELL API NO. 30-025-46898		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 Cobber 21-33 Fed Com 6. Well Number: 7H	
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 JABALINA; Wolfcamp; SW KZ	
12. Location	Unit Ltr	Section	Township	Range	Feet from the
Surface:	B	21	26S	34E	216
BH:		33	26S	34E	2
					36
13. Date Spudded 4/28/20	14. Date T.D. Reached 6/28/20	15. Date Rig Released 7/1/20	16. Date Completed (Ready to Produce) 1/21/21		17. Elevations (DF and RKB, RT, GR, etc.) 3307' GL
18. Total Measured Depth of Well 25902 MD, 13098 TVD		19. Plug Back Measured Depth 25844		20. Was Directional Survey Made? Yes	
				21. Type Electric and Other Logs Run CBL	
22. Producing Interval(s), of this completion - Top, Bottom, Name 13419-25788, Wolfcamp; SW					
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	863	17.5	650 sx CIC; circ 307 sx	
8.625	32	12898	9.875	755 sx CIC; circ 161 sx	
5.5	20	25892	7.875	2590 sx CIH; circ 0 sx	TOC @ 9005
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
26. Perforation record (interval, size, and number) 13419 - 25788, total 1244 holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 13419-25788 Acidize and frac in 63 stages. See detailed summary attached.		
28. PRODUCTION					
Date First Production 1/21/21		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing	
Date of Test 1/31/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 893	Gas - MCF 1506
				Water - Bbl. 8926	Gas - Oil Ratio 1686.45017
Flow Tubing Press. psi	Casing Pressure psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
					Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					30. Test Witnessed By
31. List Attachments Directional Survey, Logs					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					
33. If an on-site burial was used at the well, report the exact location of the on-site burial:					
Latitude		Longitude		NAD 1927 1983	
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief					
Signature	Printed Name		Title	Regulatory Analyst	Date
	Rebecca Deal				2/22/2021
E-mail Address	Rebecca.Deal@dmr.com				

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

[illegible]

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

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

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

From	To	Thickness In Feet	Lithology

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 18525

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	18525	Action Type:	C-104C
-----------	--------------------------------	------------------------	------------------------	--------	------	----------------	-------	--------------	--------

OCD Reviewer	Condition
plmartinez	None