

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 / 1/5/21
⁴ API Number 30-025-46920	⁵ Pool Name Jabalina; Wolfcamp, Southwest	⁶ Pool Code 96776
⁷ Property Code 327351	⁸ Property Name Cobber 21-33 Fed Com	⁹ Well Number 3H

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
C	21	26S	34E		234	North	1562	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	33	26S	34E		37	South	2278	West	Lea

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/5/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 4/29/20	²² Ready Date 1/5/21	²³ TD 25660	²⁴ PBTB 25598	²⁵ Perforations 13100 - 25539	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	800	650 sx CIC; Circ 331 sx		
9.875	8.625	12318	785 sx cmt; Circ 686 sx		
7.875	5.5	25560	2410 sx CIH; Circ 0 sx		
	Tubing:	0			

V. Well Test Data

³¹ Date New Oil 1/27/21	³² Gas Delivery Date 1/27/21	³³ Test Date 1/27/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 497 bbl	³⁹ Water 3872 bbl	⁴⁰ Gas 728 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> Printed name: Rebecca Deal Title: Regulatory Analyst E-mail Address: Rebecca.Deal@dvn.com Date: 2/4/2021 Phone: 405-228-8429	OIL CONSERVATION DIVISION	
	Approved by:	PATRICIA MARTINEZ
	Title:	LM II
	Approval Date:	3/4/2021

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) 476-3460 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 30-025-46920	Pool Code 96776	Pool Name JABALINA;WOLFCAMP, SOUTHWEST
Property Code 327351	Property Name COBBER 21-33 FED COM	
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Well Number 3H
		Elevation 3313.4'

Surface Location

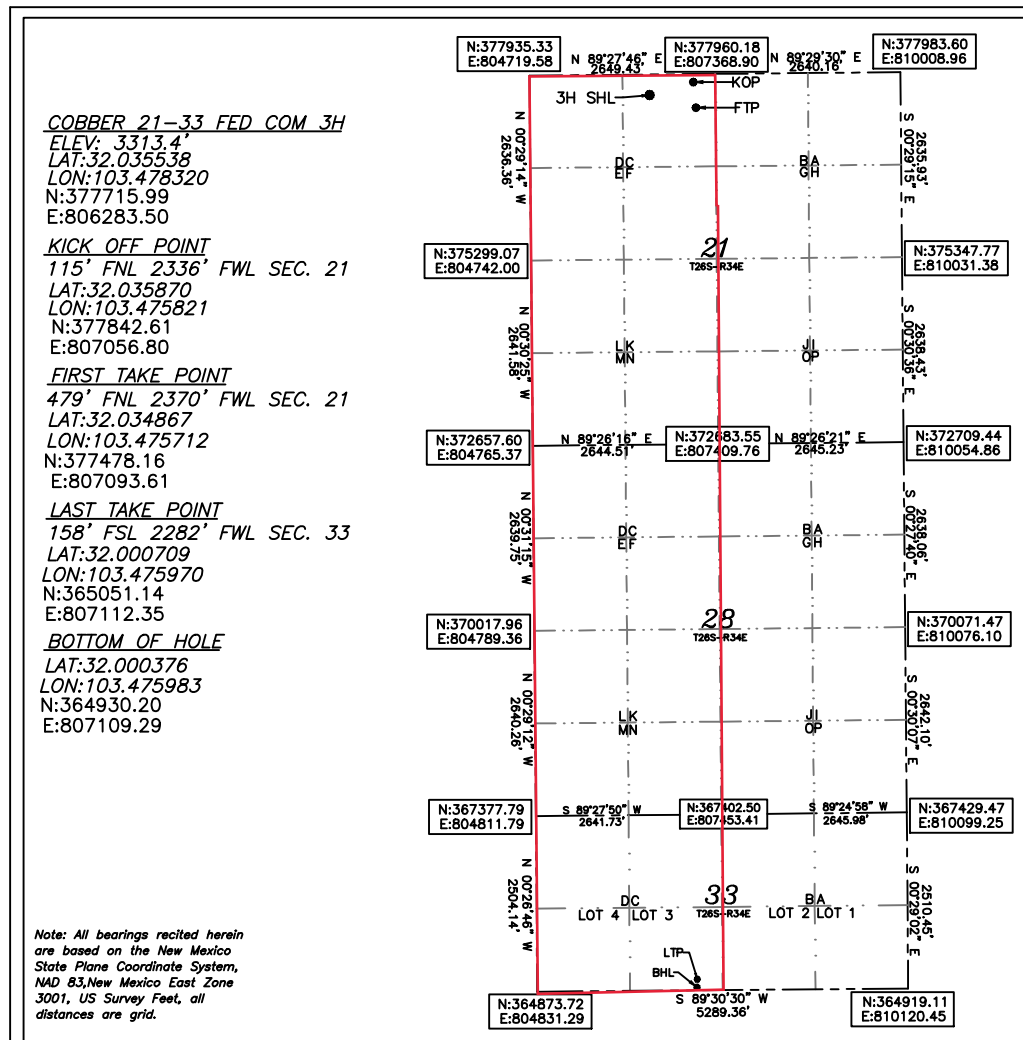
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	21	26-S	34-E		234	NORTH	1562	WEST	LEA

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
LOT 3	33	26-S	34-E		37	SOUTH	2278	WEST	LEA

Dedicated Acres 792.01	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 2/1/2021
 Signature Date

Rebecca Deal, Regulatory Analyst
 Printed Name
rebecca.deal@dvn.com
 E-mail Address

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.

7/2019
Date of Survey

Signature & Seal of Professional Surveyor

12/28/20

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

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



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **04/29/20** thru **06/12/20** conduct or supervise the taking of a **MWD Survey** from a depth of **141'** to a depth of **25660'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Devon Energy** for the **Cobbler 21-33 Fed Com 3H API** No. **30-025-46920** in **Lea County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

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



Devon Energy

Lea Co., NM (Nad83 - East Zone)

Cobber 21-33 Fed Com

#3H

OH

Design: OH

End Of Well Report

22 June, 2020



Wellbenders End Of Well Report

Company: Devon Energy	Local Co-ordinate Reference: Well #3H
Project: Lea Co., NM (Nad83 - East Zone)	TVD Reference: RKB=30' @ 3343.40usft (Cactus 108)
Site: Cobber 21-33 Fed Com	MD Reference: RKB=30' @ 3343.40usft (Cactus 108)
Well: #3H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: WBDS_SQL_2

Project Lea Co., NM (Nad83 - East Zone)	
Map System: US State Plane 1983	System Datum: Mean Sea Level
Geo Datum: North American Datum 1983	
Map Zone: New Mexico Eastern Zone	

Site Cobber 21-33 Fed Com		
Site Position:	Northing: 377,715.99 usft	Latitude: 32.035538
From: Map	Easting: 806,283.50 usft	Longitude: -103.478320
Position Uncertainty: 0.00 usft	Slot Radius: 13.200 in	Grid Convergence: 0.454 °

Well #3H		
Well Position	Northing: 377,715.99 usft	Latitude: 32.035538
+N/-S 0.00 usft	Easting: 806,283.50 usft	Longitude: -103.478320
+E/-W 0.00 usft	Wellhead Elevation: usft	Ground Level: 3,313.40 usft
Position Uncertainty 0.00 usft		

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/15/2020	6.588	59.867	47,546.29360149

Design OH				
Audit Notes:				
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00		
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	179.51

Survey Program Date 6/22/2020				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
141.00	25,660.00	Survey #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
141.00	0.40	194.13	141.00	-0.48	-0.12	0.48	141.00	194.13	0.28	
203.00	0.44	222.87	203.00	-0.86	-0.33	0.86	62.00	209.20	0.34	
298.00	0.31	213.47	298.00	-1.34	-0.72	1.34	95.00	218.99	0.15	
393.00	0.62	225.77	392.99	-1.92	-1.23	1.91	95.00	221.68	0.34	
488.00	1.01	243.61	487.98	-2.65	-2.35	2.63	95.00	236.84	0.49	
582.00	1.41	256.97	581.96	-3.28	-4.22	3.24	94.00	251.40	0.52	
676.00	1.89	255.30	675.92	-3.93	-6.85	3.87	94.00	256.01	0.51	
726.00	1.89	252.58	725.89	-4.39	-8.43	4.31	50.00	253.94	0.18	
894.00	1.76	249.42	893.81	-6.12	-13.49	6.01	168.00	251.06	0.10	
988.00	0.57	277.28	987.79	-6.57	-15.31	6.44	94.00	256.13	1.37	
1,083.00	1.14	72.05	1,082.78	-6.22	-14.88	6.09	95.00	50.79	1.76	
1,177.00	2.86	76.36	1,176.72	-5.38	-11.71	5.28	94.00	75.13	1.84	
1,271.00	4.31	72.84	1,270.54	-3.78	-6.05	3.73	94.00	74.24	1.56	
1,366.00	5.19	70.38	1,365.21	-1.29	1.41	1.30	95.00	71.50	0.95	
1,460.00	6.24	68.89	1,458.74	1.98	10.18	-1.89	94.00	69.57	1.13	
1,555.00	7.08	73.19	1,553.10	5.53	20.60	-5.36	95.00	71.18	1.03	
1,650.00	8.44	76.97	1,647.23	8.80	32.99	-8.52	95.00	75.24	1.53	
1,745.00	10.33	77.41	1,740.95	12.23	48.10	-11.82	95.00	77.21	1.99	
1,840.00	10.86	79.00	1,834.33	15.79	65.20	-15.23	95.00	78.22	0.64	
1,935.00	10.77	79.96	1,927.65	19.05	82.72	-18.34	95.00	79.48	0.21	
2,030.00	10.81	81.10	2,020.97	21.97	100.27	-21.11	95.00	80.53	0.23	
2,125.00	10.90	82.95	2,114.27	24.45	117.98	-23.44	95.00	82.03	0.38	
2,220.00	10.46	82.77	2,207.62	26.64	135.45	-25.48	95.00	82.86	0.46	
2,315.00	10.73	76.62	2,301.00	29.77	152.61	-28.47	95.00	79.66	1.22	
2,410.00	11.08	75.57	2,394.29	34.09	170.05	-32.64	95.00	76.09	0.42	
2,505.00	11.21	74.60	2,487.50	38.82	187.80	-37.21	95.00	75.08	0.24	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
2,600.00	11.21	73.28	2,580.68	43.93	205.54	-42.17	95.00	73.94	0.27	
2,695.00	11.56	71.52	2,673.82	49.60	223.42	-47.69	95.00	72.39	0.52	
2,790.00	11.82	69.59	2,766.85	56.01	241.56	-53.95	95.00	70.54	0.49	
2,884.00	12.13	68.10	2,858.80	63.06	259.75	-60.83	94.00	68.84	0.47	
2,979.00	11.82	70.38	2,951.73	70.05	278.18	-67.66	95.00	69.23	0.60	
3,074.00	12.31	70.21	3,044.63	76.74	296.87	-74.20	95.00	70.29	0.52	
3,169.00	12.92	69.94	3,137.34	83.81	316.37	-81.10	95.00	70.07	0.65	
3,264.00	13.19	72.14	3,229.89	90.78	336.67	-87.90	95.00	71.05	0.60	
3,359.00	13.23	73.63	3,322.37	97.17	357.41	-94.11	95.00	72.89	0.36	
3,454.00	12.70	76.09	3,414.95	102.74	377.98	-99.51	95.00	74.84	0.81	
3,549.00	12.04	76.80	3,507.74	107.52	397.76	-104.11	95.00	76.44	0.71	
3,644.00	10.86	78.47	3,600.85	111.57	416.18	-108.00	95.00	77.59	1.29	
3,739.00	10.59	81.46	3,694.19	114.65	433.58	-110.94	95.00	79.95	0.65	
3,834.00	10.73	84.53	3,787.55	116.79	451.02	-112.93	95.00	83.00	0.62	
3,929.00	11.43	84.80	3,880.78	118.49	469.20	-114.47	95.00	84.67	0.74	
4,024.00	10.59	82.25	3,974.03	120.52	487.22	-116.35	95.00	83.57	1.02	
4,119.00	10.95	81.63	4,067.36	123.01	504.80	-118.69	95.00	81.93	0.40	
4,214.00	10.15	79.35	4,160.75	125.87	521.95	-121.40	95.00	80.53	0.95	
4,309.00	10.51	80.14	4,254.22	128.90	538.71	-124.29	95.00	79.75	0.41	
4,404.00	9.98	80.05	4,347.70	131.81	555.36	-127.05	95.00	80.10	0.56	
4,499.00	10.86	80.67	4,441.13	134.68	572.30	-129.78	95.00	80.37	0.93	
4,594.00	10.11	79.00	4,534.55	137.72	589.31	-132.68	95.00	79.86	0.85	
4,690.00	10.86	79.96	4,628.94	140.91	606.49	-135.71	96.00	79.50	0.80	
4,785.00	11.03	76.89	4,722.21	144.53	624.15	-139.18	95.00	78.41	0.64	
4,880.00	10.42	74.25	4,815.56	148.92	641.27	-143.43	95.00	75.61	0.82	
4,975.00	9.76	74.69	4,909.09	153.38	657.31	-147.75	95.00	74.46	0.70	
5,070.00	7.78	76.62	5,002.97	156.99	671.33	-151.25	95.00	75.55	2.11	



Wellbenders
End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Cobber 21-33 Fed Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: RKB=30' @ 3343.40usft (Cactus 108)
MD Reference: RKB=30' @ 3343.40usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
5,165.00	5.32	80.58	5,097.34	159.20	681.93	-153.36	95.00	78.23	2.63	
5,260.00	4.62	78.73	5,191.99	160.67	690.03	-154.76	95.00	79.72	0.76	
5,356.00	4.04	77.68	5,287.71	162.15	697.13	-156.18	96.00	78.24	0.61	
5,451.00	3.52	76.89	5,382.50	163.52	703.24	-157.50	95.00	77.31	0.55	
5,546.00	3.78	79.79	5,477.31	164.74	709.16	-158.67	95.00	78.39	0.34	
5,641.00	4.31	80.84	5,572.07	165.86	715.77	-159.74	95.00	80.35	0.56	
5,736.00	4.22	78.82	5,666.81	167.11	722.72	-160.92	95.00	79.84	0.18	
5,831.00	4.13	77.24	5,761.56	168.54	729.48	-162.30	95.00	78.04	0.15	
5,926.00	3.30	65.02	5,856.36	170.45	735.30	-164.16	95.00	71.81	1.20	
6,021.00	2.15	46.04	5,951.25	172.84	739.06	-166.52	95.00	57.55	1.52	
6,116.00	0.92	43.93	6,046.22	174.63	740.87	-168.29	95.00	45.41	1.30	
6,210.00	0.75	39.01	6,140.21	175.65	741.78	-169.30	94.00	41.72	0.20	
6,306.00	0.62	27.40	6,236.20	176.60	742.42	-170.25	96.00	33.76	0.20	
6,401.00	0.57	29.07	6,331.20	177.47	742.88	-171.11	95.00	28.20	0.06	
6,496.00	0.57	18.44	6,426.19	178.33	743.26	-171.97	95.00	23.76	0.11	
6,591.00	0.53	16.24	6,521.19	179.20	743.54	-172.84	95.00	17.38	0.05	
6,686.00	0.70	21.60	6,616.18	180.16	743.87	-173.80	95.00	19.29	0.19	
6,781.00	0.75	23.89	6,711.17	181.27	744.34	-174.90	95.00	22.78	0.06	
6,876.00	0.70	23.10	6,806.17	182.37	744.82	-176.00	95.00	23.51	0.05	
6,971.00	0.79	25.12	6,901.16	183.50	745.32	-177.12	95.00	24.17	0.10	
7,066.00	0.79	26.00	6,996.15	184.68	745.89	-178.30	95.00	25.56	0.01	
7,161.00	0.79	20.20	7,091.14	185.89	746.40	-179.50	95.00	23.10	0.08	
7,256.00	0.88	23.80	7,186.13	187.17	746.92	-180.77	95.00	22.10	0.11	
7,350.00	0.79	25.82	7,280.12	188.41	747.49	-182.01	94.00	24.76	0.10	
7,445.00	0.62	26.96	7,375.11	189.46	748.01	-183.06	95.00	26.32	0.18	
7,540.00	0.53	26.26	7,470.11	190.31	748.44	-183.90	95.00	26.64	0.10	
7,635.00	0.31	18.44	7,565.11	190.95	748.72	-184.54	95.00	23.38	0.24	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
7,729.00	0.13	2.18	7,659.10	191.30	748.80	-184.89	94.00	13.65	0.20	
7,824.00	0.04	31.09	7,754.10	191.43	748.82	-185.02	95.00	8.86	0.10	
7,919.00	0.09	91.65	7,849.10	191.46	748.91	-185.05	95.00	74.03	0.08	
8,014.00	0.13	196.68	7,944.10	191.35	748.96	-184.94	95.00	157.50	0.19	
8,109.00	0.18	205.47	8,039.10	191.12	748.86	-184.71	95.00	201.79	0.06	
8,204.00	0.18	205.12	8,134.10	190.85	748.73	-184.44	95.00	205.29	0.00	
8,299.00	0.22	210.74	8,229.10	190.55	748.58	-184.15	95.00	208.21	0.05	
8,394.00	0.22	206.70	8,324.10	190.23	748.40	-183.83	95.00	208.72	0.02	
8,489.00	0.22	200.64	8,419.10	189.90	748.26	-183.50	95.00	203.67	0.02	
8,585.00	0.22	199.32	8,515.10	189.55	748.13	-183.15	96.00	199.98	0.01	
8,680.00	0.22	197.91	8,610.10	189.21	748.01	-182.81	95.00	198.62	0.01	
8,775.00	0.22	188.86	8,705.10	188.86	747.93	-182.45	95.00	193.38	0.04	
8,870.00	0.26	185.61	8,800.10	188.46	747.88	-182.06	95.00	187.10	0.04	
8,965.00	0.35	177.26	8,895.10	187.96	747.87	-181.55	95.00	180.82	0.11	
9,061.00	0.40	176.73	8,991.10	187.33	747.91	-180.93	96.00	176.98	0.05	
9,155.00	0.48	177.26	9,085.09	186.61	747.94	-180.20	94.00	177.02	0.09	
9,250.00	0.48	180.07	9,180.09	185.81	747.96	-179.41	95.00	178.66	0.02	
9,345.00	0.53	185.17	9,275.09	184.98	747.92	-178.57	95.00	182.75	0.07	
9,440.00	0.53	192.29	9,370.08	184.11	747.79	-177.71	95.00	188.73	0.07	
9,535.00	0.62	192.37	9,465.08	183.18	747.59	-176.78	95.00	192.33	0.09	
9,629.00	0.66	197.30	9,559.07	182.17	747.32	-175.77	94.00	194.91	0.07	
9,724.00	0.62	193.52	9,654.06	181.14	747.03	-174.75	95.00	195.47	0.06	
9,819.00	0.62	189.74	9,749.06	180.14	746.83	-173.74	95.00	191.63	0.04	
9,913.00	0.48	184.38	9,843.05	179.24	746.71	-172.85	94.00	187.40	0.16	
10,008.00	0.31	155.64	9,938.05	178.61	746.79	-172.22	95.00	173.17	0.27	
10,104.00	0.53	86.64	10,034.05	178.40	747.34	-172.00	96.00	110.94	0.53	
10,198.00	1.01	93.15	10,128.04	178.38	748.60	-171.97	94.00	90.91	0.52	



Wellbenders
End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Cobber 21-33 Fed Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: RKB=30' @ 3343.40usft (Cactus 108)
MD Reference: RKB=30' @ 3343.40usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
10,293.00	1.41	113.54	10,223.02	177.87	750.50	-171.44	95.00	105.05	0.61	
10,388.00	2.11	128.39	10,317.98	176.32	752.95	-169.87	95.00	122.45	0.87	
10,483.00	2.77	141.93	10,412.89	173.42	755.73	-166.95	95.00	136.08	0.92	
10,579.00	3.91	152.74	10,508.73	168.69	758.66	-162.19	96.00	148.26	1.35	
10,674.00	3.65	153.53	10,603.52	163.10	761.49	-156.58	95.00	153.12	0.28	
10,769.00	3.30	153.44	10,698.34	157.95	764.06	-151.41	95.00	153.49	0.37	
10,863.00	2.15	157.04	10,792.24	153.90	765.96	-147.35	94.00	154.86	1.24	
10,958.00	1.85	176.73	10,887.18	150.73	766.75	-144.17	95.00	166.14	0.78	
11,053.00	1.76	171.72	10,982.13	147.76	767.04	-141.19	95.00	174.29	0.19	
11,148.00	1.19	181.48	11,077.10	145.33	767.23	-138.76	95.00	175.66	0.65	
11,243.00	1.10	187.36	11,172.08	143.44	767.08	-136.87	95.00	184.30	0.16	
11,338.00	1.01	191.23	11,267.07	141.71	766.81	-135.15	95.00	189.21	0.12	
11,350.63	1.05	189.21	11,279.69	141.49	766.76	-134.93	12.63	190.20	0.45	
FTP @ 11350.63' MD 100' FNL 2330.23' FWL SEC 21										
11,433.00	1.36	179.37	11,362.05	139.76	766.65	-133.20	82.37	183.66	0.45	
11,528.00	1.54	178.75	11,457.02	137.36	766.69	-130.80	95.00	179.04	0.19	
11,623.00	1.58	165.30	11,551.98	134.82	767.05	-128.25	95.00	171.94	0.39	
11,717.00	1.58	184.73	11,645.95	132.27	767.28	-125.70	94.00	175.01	0.57	
11,812.00	1.19	201.08	11,740.92	130.05	766.81	-123.48	95.00	191.75	0.58	
11,906.00	0.70	176.99	11,834.91	128.56	766.49	-122.00	94.00	192.20	0.66	
12,001.00	0.57	151.51	11,929.90	127.57	766.75	-121.00	95.00	165.58	0.32	
12,096.00	1.01	106.77	12,024.89	126.91	767.78	-120.34	95.00	122.60	0.76	
12,191.00	1.05	93.59	12,119.88	126.61	769.45	-120.03	95.00	100.05	0.25	
12,268.00	1.36	98.68	12,196.86	126.43	771.05	-119.83	77.00	96.46	0.43	
12,391.00	2.33	77.50	12,319.79	126.75	774.94	-120.12	123.00	85.28	0.95	
12,453.00	3.68	150.43	12,381.73	125.29	777.15	-118.64	62.00	123.40	6.02	
KOP @ 12453' MD 116.15' FNL 2340.36' FWL SEC 21										



Wellbenders
End Of Well Report

Company: Devon Energy
Project: Lea Co., NM (Nad83 - East Zone)
Site: Cobber 21-33 Fed Com
Well: #3H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #3H
TVD Reference: RKB=30' @ 3343.40usft (Cactus 108)
MD Reference: RKB=30' @ 3343.40usft (Cactus 108)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
12,486.00	5.41	163.11	12,414.62	122.88	778.13	-116.22	33.00	157.98	6.02	
12,581.00	13.05	161.52	12,508.32	108.40	782.83	-101.70	95.00	161.99	8.05	
12,676.00	24.62	163.72	12,598.08	79.14	791.81	-72.36	95.00	162.95	12.20	
12,771.00	35.96	172.86	12,680.02	32.29	800.86	-25.44	95.00	169.07	12.85	
12,866.00	47.69	176.55	12,750.70	-30.68	806.46	37.58	95.00	174.92	12.61	
12,961.00	61.76	177.43	12,805.43	-107.94	810.47	114.87	95.00	177.03	14.83	
13,056.00	73.49	180.77	12,841.54	-195.61	811.74	202.54	95.00	179.17	12.77	
13,151.00	85.71	183.59	12,858.66	-288.79	808.15	295.69	95.00	182.21	13.19	
13,246.00	88.62	183.23	12,863.36	-383.50	802.51	390.35	95.00	183.41	3.09	
13,340.00	88.31	184.11	12,865.88	-477.27	796.49	484.06	94.00	183.67	0.99	
13,435.00	87.96	184.29	12,868.97	-571.96	789.54	578.70	95.00	184.20	0.41	
13,529.00	87.12	184.02	12,873.00	-665.63	782.73	672.30	94.00	184.16	0.94	
13,624.00	87.65	183.32	12,877.34	-760.34	776.66	766.95	95.00	183.67	0.92	
13,719.00	87.03	182.88	12,881.75	-855.09	771.53	861.66	95.00	183.10	0.80	
13,814.00	88.84	181.04	12,885.17	-949.97	768.28	956.50	95.00	181.96	2.72	
13,908.00	89.01	181.56	12,886.93	-1,043.93	766.15	1,050.44	94.00	181.30	0.58	
14,003.00	88.97	181.74	12,888.61	-1,138.87	763.41	1,145.36	95.00	181.65	0.19	
14,099.00	88.48	181.39	12,890.74	-1,234.81	760.79	1,241.27	96.00	181.57	0.63	
14,194.00	89.19	182.00	12,892.67	-1,329.75	757.98	1,336.19	95.00	181.70	0.99	
14,289.00	88.13	181.74	12,894.90	-1,424.67	754.88	1,431.08	95.00	181.87	1.15	
14,384.00	89.01	180.86	12,897.27	-1,519.62	752.73	1,526.00	95.00	181.30	1.31	
14,479.00	92.35	180.51	12,896.14	-1,614.59	751.59	1,620.96	95.00	180.69	3.54	
14,574.00	91.87	180.16	12,892.64	-1,709.52	751.04	1,715.88	95.00	180.33	0.63	
14,669.00	91.25	179.45	12,890.06	-1,804.49	751.36	1,810.85	95.00	179.80	0.99	
14,763.00	90.73	177.96	12,888.43	-1,898.45	753.49	1,904.82	94.00	178.70	1.68	
14,858.00	88.48	177.08	12,889.09	-1,993.35	757.60	1,999.75	95.00	177.52	2.54	
14,953.00	87.82	176.29	12,892.15	-2,088.14	763.09	2,094.59	95.00	176.69	1.08	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
15,049.00	89.36	176.82	12,894.52	-2,183.93	768.85	2,190.43	96.00	176.56	1.70	
15,144.00	89.32	177.43	12,895.61	-2,278.81	773.62	2,285.34	95.00	177.12	0.64	
15,239.00	89.27	178.84	12,896.78	-2,373.75	776.71	2,380.30	95.00	178.13	1.49	
15,334.00	91.21	179.45	12,896.38	-2,468.73	778.13	2,475.29	95.00	179.14	2.14	
15,429.00	91.21	179.10	12,894.37	-2,563.70	779.33	2,570.27	95.00	179.28	0.37	
15,523.00	92.04	179.98	12,891.71	-2,657.66	780.08	2,664.23	94.00	179.54	1.29	
15,619.00	91.91	179.28	12,888.40	-2,753.60	780.70	2,760.17	96.00	179.63	0.74	
15,713.00	91.52	179.19	12,885.59	-2,847.55	781.96	2,854.13	94.00	179.23	0.43	
15,808.00	90.46	179.19	12,883.95	-2,942.52	783.30	2,949.11	95.00	179.19	1.12	
15,903.00	89.14	179.01	12,884.28	-3,037.51	784.79	3,044.11	95.00	179.10	1.40	
15,998.00	90.37	180.60	12,884.68	-3,132.50	785.12	3,139.10	95.00	179.81	2.12	
16,093.00	90.95	184.11	12,883.59	-3,227.40	781.21	3,233.96	95.00	182.35	3.74	
16,188.00	91.03	182.97	12,881.95	-3,322.20	775.35	3,328.71	95.00	183.54	1.20	
16,283.00	90.07	180.68	12,881.04	-3,417.14	772.32	3,423.62	95.00	181.82	2.61	
16,378.00	90.55	182.44	12,880.52	-3,512.10	769.74	3,518.56	95.00	181.56	1.92	
16,473.00	89.10	185.08	12,880.81	-3,606.89	763.51	3,613.28	95.00	183.76	3.17	
16,568.00	87.82	184.38	12,883.36	-3,701.53	755.68	3,707.85	95.00	184.73	1.54	
16,662.00	87.60	183.23	12,887.12	-3,795.24	749.44	3,801.51	94.00	183.81	1.24	
16,757.00	87.08	181.48	12,891.53	-3,890.06	745.55	3,896.29	95.00	182.36	1.92	
16,852.00	89.14	179.72	12,894.66	-3,984.99	744.55	3,991.21	95.00	180.60	2.85	
16,947.00	89.19	177.78	12,896.05	-4,079.95	746.62	4,086.19	95.00	178.75	2.04	
17,042.00	91.60	177.52	12,895.39	-4,174.86	750.52	4,181.13	95.00	177.65	2.55	
17,137.00	92.04	177.43	12,892.38	-4,269.72	754.70	4,276.02	95.00	177.48	0.47	
17,232.00	92.09	177.43	12,888.95	-4,364.57	758.96	4,370.90	95.00	177.43	0.05	
17,327.00	91.16	176.73	12,886.26	-4,459.40	763.80	4,465.77	95.00	177.08	1.23	
17,422.00	89.63	176.20	12,885.60	-4,554.22	769.65	4,560.63	95.00	176.46	1.70	
17,517.00	88.31	174.97	12,887.31	-4,648.92	776.97	4,655.39	95.00	175.59	1.90	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
17,612.00	90.42	177.87	12,888.36	-4,743.71	782.90	4,750.23	95.00	176.42	3.77	
17,708.00	90.73	177.52	12,887.40	-4,839.63	786.76	4,846.18	96.00	177.70	0.49	
17,803.00	89.85	176.55	12,886.92	-4,934.50	791.67	4,941.09	95.00	177.03	1.38	
17,898.00	89.76	178.05	12,887.24	-5,029.39	796.15	5,036.01	95.00	177.30	1.58	
17,904.30	89.73	178.07	12,887.27	-5,035.68	796.36	5,042.31	6.30	178.06	0.54	
Section Xing @ 17904.30' MD 0' FNL 2306.63' FWL SEC 28										
17,993.00	89.32	178.31	12,888.01	-5,124.34	799.16	5,130.98	88.70	178.19	0.54	
18,087.00	89.80	179.28	12,888.73	-5,218.31	801.14	5,224.97	94.00	178.80	1.15	
18,182.00	90.11	180.16	12,888.80	-5,313.31	801.60	5,319.97	95.00	179.72	0.98	
18,277.00	89.05	180.51	12,889.50	-5,408.30	801.05	5,414.96	95.00	180.33	1.18	
18,372.00	89.05	180.68	12,891.07	-5,503.29	800.06	5,509.93	95.00	180.59	0.18	
18,468.00	90.20	182.00	12,891.70	-5,599.25	797.82	5,605.87	96.00	181.34	1.82	
18,563.00	88.92	179.45	12,892.43	-5,694.23	796.61	5,700.84	95.00	180.73	3.00	
18,658.00	88.62	182.00	12,894.47	-5,789.20	795.41	5,795.79	95.00	180.72	2.70	
18,753.00	89.01	184.38	12,896.44	-5,884.02	790.13	5,890.56	95.00	183.19	2.54	
18,848.00	90.59	181.65	12,896.77	-5,978.88	785.13	5,985.37	95.00	183.01	3.32	
18,943.00	89.98	179.01	12,896.30	-6,073.87	784.58	6,080.35	95.00	180.33	2.85	
19,038.00	89.89	174.18	12,896.40	-6,168.67	790.23	6,175.20	95.00	176.60	5.09	
19,133.00	91.47	176.73	12,895.28	-6,263.35	797.75	6,269.95	95.00	175.45	3.16	
19,228.00	91.60	176.82	12,892.73	-6,358.17	803.09	6,364.80	95.00	176.77	0.17	
19,323.00	90.55	176.73	12,890.95	-6,453.00	808.44	6,459.68	95.00	176.77	1.11	
19,418.00	88.66	175.68	12,891.60	-6,547.78	814.73	6,554.51	95.00	176.21	2.28	
19,513.00	89.71	176.47	12,892.95	-6,642.55	821.23	6,649.33	95.00	176.08	1.38	
19,608.00	90.46	176.47	12,892.81	-6,737.37	827.08	6,744.20	95.00	176.47	0.79	
19,703.00	90.59	176.55	12,891.94	-6,832.19	832.86	6,839.06	95.00	176.51	0.16	
19,799.00	90.42	177.61	12,891.10	-6,928.06	837.75	6,934.97	96.00	177.08	1.12	
19,894.00	89.01	175.59	12,891.57	-7,022.88	843.38	7,029.84	95.00	176.60	2.59	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
19,989.00	89.41	177.70	12,892.88	-7,117.71	848.94	7,124.71	95.00	176.65	2.26	
20,084.00	90.90	178.75	12,892.62	-7,212.66	851.88	7,219.68	95.00	178.22	1.92	
20,178.00	90.86	178.58	12,891.18	-7,306.62	854.07	7,313.66	94.00	178.66	0.19	
20,273.00	89.01	176.55	12,891.29	-7,401.52	858.11	7,408.59	95.00	177.57	2.89	
20,368.00	90.07	179.98	12,892.05	-7,496.46	860.99	7,503.55	95.00	178.27	3.78	
20,463.00	90.11	180.16	12,891.90	-7,591.46	860.87	7,598.55	95.00	180.07	0.19	
20,558.00	89.19	178.05	12,892.48	-7,686.44	862.35	7,693.54	95.00	179.11	2.42	
20,653.00	91.21	180.95	12,892.15	-7,781.42	863.18	7,788.52	95.00	179.50	3.72	
20,747.00	91.56	181.30	12,889.88	-7,875.38	861.34	7,882.46	94.00	181.12	0.53	
20,843.00	88.79	178.31	12,889.58	-7,971.36	861.66	7,978.43	96.00	179.80	4.25	
20,937.00	90.37	180.51	12,890.27	-8,065.34	862.63	8,072.42	94.00	179.41	2.88	
21,033.00	89.45	178.22	12,890.42	-8,161.33	863.70	8,168.41	96.00	179.37	2.57	
21,127.00	90.81	179.63	12,890.21	-8,255.30	865.46	8,262.40	94.00	178.92	2.08	
21,221.00	89.67	178.05	12,889.82	-8,349.28	867.36	8,356.39	94.00	178.84	2.07	
21,317.00	90.64	181.21	12,889.56	-8,445.26	867.98	8,452.38	96.00	179.63	3.44	
21,411.00	89.85	179.45	12,889.16	-8,539.26	867.44	8,546.36	94.00	180.33	2.05	
21,506.00	90.73	179.37	12,888.67	-8,634.25	868.42	8,641.36	95.00	179.41	0.93	
21,601.00	90.15	176.82	12,887.94	-8,729.19	871.58	8,736.32	95.00	178.09	2.75	
21,696.00	90.07	178.22	12,887.76	-8,824.10	875.69	8,831.26	95.00	177.52	1.48	
21,790.00	90.20	178.93	12,887.54	-8,918.07	878.02	8,925.25	94.00	178.57	0.77	
21,885.00	92.04	182.09	12,885.68	-9,013.03	877.18	9,020.20	95.00	180.51	3.85	
22,015.00	91.87	182.62	12,881.25	-9,142.84	871.84	9,149.96	130.00	182.36	0.43	
22,110.00	90.33	182.44	12,879.42	-9,237.73	867.65	9,244.81	95.00	182.53	1.63	
22,205.00	89.05	179.01	12,879.94	-9,332.70	866.45	9,339.77	95.00	180.73	3.85	
22,300.00	89.85	181.04	12,880.85	-9,427.69	866.40	9,434.76	95.00	180.03	2.30	
22,395.00	90.24	179.63	12,880.78	-9,522.69	865.85	9,529.75	95.00	180.34	1.54	
22,490.00	90.55	178.49	12,880.12	-9,617.67	867.41	9,624.74	95.00	179.06	1.24	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
22,586.00	89.58	178.05	12,880.01	-9,713.63	870.31	9,720.71	96.00	178.27	1.11	
22,681.00	91.12	181.21	12,879.43	-9,808.61	870.92	9,815.70	95.00	179.63	3.70	
22,776.00	90.29	179.54	12,878.26	-9,903.59	870.30	9,910.68	95.00	180.37	1.96	
22,871.00	89.58	178.75	12,878.37	-9,998.58	871.72	10,005.67	95.00	179.15	1.12	
22,966.00	89.71	179.19	12,878.96	-10,093.57	873.42	10,100.67	95.00	178.97	0.48	
23,061.00	89.49	179.01	12,879.62	-10,188.55	874.92	10,195.66	95.00	179.10	0.30	
23,156.00	90.68	179.54	12,879.48	-10,283.54	876.12	10,290.66	95.00	179.27	1.37	
23,188.70	90.80	179.66	12,879.06	-10,316.24	876.35	10,323.36	32.70	179.60	0.52	
Section Xing @ 23188.70' MD 0' FNL 2350.61' FWL SEC 33										
23,252.00	91.03	179.89	12,878.05	-10,379.53	876.59	10,386.65	63.30	179.77	0.52	
23,347.00	90.02	178.14	12,877.18	-10,474.51	878.23	10,481.63	95.00	179.01	2.13	
23,442.00	90.20	178.22	12,877.00	-10,569.46	881.25	10,576.61	95.00	178.18	0.21	
23,537.00	89.89	177.78	12,876.92	-10,664.40	884.56	10,671.57	95.00	178.00	0.57	
23,632.00	89.58	179.98	12,877.36	-10,759.37	886.42	10,766.56	95.00	178.88	2.34	
23,727.00	91.16	182.27	12,876.75	-10,854.35	884.55	10,861.51	95.00	181.12	2.93	
23,823.00	91.56	182.35	12,874.47	-10,950.24	880.68	10,957.37	96.00	182.31	0.42	
23,918.00	91.65	182.44	12,871.81	-11,045.12	876.72	11,052.21	95.00	182.39	0.13	
24,013.00	89.14	182.27	12,871.15	-11,140.03	872.81	11,147.09	95.00	182.35	2.65	
24,109.00	88.97	181.92	12,872.74	-11,235.95	869.30	11,242.98	96.00	182.10	0.41	
24,204.00	88.92	182.53	12,874.49	-11,330.86	865.62	11,337.85	95.00	182.22	0.64	
24,299.00	89.49	182.53	12,875.80	-11,425.76	861.42	11,432.71	95.00	182.53	0.60	
24,393.00	91.74	183.85	12,874.80	-11,519.60	856.19	11,526.50	94.00	183.19	2.78	
24,488.00	90.86	181.48	12,872.64	-11,614.47	851.78	11,621.33	95.00	182.66	2.66	
24,583.00	91.52	181.92	12,870.67	-11,709.40	848.96	11,716.24	95.00	181.70	0.83	
24,679.00	90.51	180.42	12,868.97	-11,805.37	847.00	11,812.18	96.00	181.17	1.88	
24,774.00	92.44	181.65	12,866.52	-11,900.31	845.29	11,907.11	95.00	181.03	2.41	
24,869.00	92.53	181.74	12,862.40	-11,995.18	842.48	12,001.95	95.00	181.69	0.13	



Wellbenders
End Of Well Report

Company:	Devon Energy	Local Co-ordinate Reference:	Well #3H
Project:	Lea Co., NM (Nad83 - East Zone)	TVD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Site:	Cobber 21-33 Fed Com	MD Reference:	RKB=30' @ 3343.40usft (Cactus 108)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)	
24,964.00	90.15	179.54	12,860.18	-12,090.14	841.42	12,096.89	95.00	180.64	3.41	
25,059.00	91.38	181.56	12,858.91	-12,185.12	840.51	12,191.86	95.00	180.55	2.49	
25,154.00	89.49	180.25	12,858.19	-12,280.10	839.01	12,286.82	95.00	180.90	2.42	
25,248.00	89.49	180.42	12,859.03	-12,374.09	838.46	12,380.81	94.00	180.34	0.18	
25,344.00	91.12	181.83	12,858.52	-12,470.07	836.57	12,476.76	96.00	181.12	2.24	
25,439.00	91.65	182.62	12,856.22	-12,564.97	832.89	12,571.63	95.00	182.22	1.00	
25,533.00	91.34	182.09	12,853.77	-12,658.85	829.02	12,665.48	94.00	182.35	0.65	
25,596.89	91.03	181.31	12,852.45	-12,722.70	827.13	12,729.31	63.89	181.70	1.32	
LTP @ 25596.89 100' FSL 2279.92' FWL SEC 33										
25,605.00	90.99	181.21	12,852.30	-12,730.81	826.95	12,737.41	8.11	181.26	1.32	
25,660.00	90.99	181.21	12,851.35	-12,785.79	825.79	12,792.38	55.00	181.21	0.00	
BHL @ 25660' MD 36.95' FSL 2278.51' FWL SEC 33										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
11,350.63	11,279.69	141.49	766.76	FTP @ 11350.63' MD 100' FNL 2330.23' FWL SEC 21	
12,453.00	12,381.73	125.29	777.15	KOP @ 12453' MD 116.15' FNL 2340.36' FWL SEC 21	
17,904.30	12,887.27	-5,035.68	796.36	Section Xing @ 17904.30' MD 0' FNL 2306.63' FWL SEC 28	
23,188.70	12,879.06	-10,316.24	876.35	Section Xing @ 23188.70' MD 0' FNL 2350.61' FWL SEC 33	
25,596.89	12,852.45	-12,722.70	827.13	LTP @ 25596.89 100' FSL 2279.92' FWL SEC 33	
25,660.00	12,851.35	-12,785.79	825.79	BHL @ 25660' MD 36.95' FSL 2278.51' FWL SEC 33	

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

Form C-103
 Revised August 1, 2011

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

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.)		WELL API NO. 30-025-46920
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Devon Energy Production Company, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102		7. Lease Name or Unit Agreement Name Cobber 21-33 Fed Com
4. Well Location Unit Letter <u>C</u> : <u>234</u> feet from the <u>North</u> line and <u>1562</u> feet from the <u>West</u> line Section <u>21</u> Township <u>26S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well Number 3H
		9. OGRID Number 6137
		10. Pool name or Wildcat WC-025 G-09 S263504N; Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3313.4'		

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

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.


9/16/20 - 1/5/21: MIRU WL & PT. TIH & ran CBL, found TOC @ surf. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 13,100'-25,539'. Frac totals 31,002,018# prop, 95 bbl acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 25,598'. CHC, FWB, ND BOP. No Tubing Ran. TOP.

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

SIGNATURE _____ TITLE Regulatory Analyst DATE 2/4/2021

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. 30-025-46920		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN		3. State Oil & Gas Lease No.				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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				
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER						6. Well Number: 3H				
8. Name of Operator Devon Energy Production Company, L.P.						9. OGRID 6137				
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102						11. Pool name or Wildcat WC-025 G-09 S263504N; Wolfcamp				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	21	26S	34E		234	North	1562	West	Lea
BH:		33	26S	34E	3	37	South	2278	West	Lea
13. Date Spudded 4/29/20	14. Date T.D. Reached 6/12/20	15. Date Rig Released 6/15/20		16. Date Completed (Ready to Produce) 1/5/21		17. Elevations (DF and RKB, RT, GR, etc.) 3313.4' GL				
18. Total Measured Depth of Well 25660 MD, 12851 TVD		19. Plug Back Measured Depth 25598		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL				
22. Producing Interval(s), of this completion - Top, Bottom, Name 13100-25539, Wolfcamp										
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	800	17.5	650 sx CIC; circ 331 sx						
8.625	32	12318	9.875	785 sx cmt; circ 686 sx						
5.5	20	25560	7.875	2410 sx CIH; circ 0 sx	TOC @ 10316					
24. LINER RECORD				25. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 13100 - 25539, total 1244 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 13100-25539 Acidize and frac in 63 stages. See detailed summary attached.						
28. PRODUCTION										
Date First Production 1/5/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing			Well Status (<i>Prod. or Shut-in</i>) Producing					
Date of Test 1/27/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 497	Gas - MCF 728	Water - Bbl. 3872	Gas - Oil Ratio 1464.78873			
Flow Tubing Press. psi	Casing Pressure psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature			Printed Name	Rebecca Deal	Title	Regulatory Analyst	Date	2/4/2021		
E-mail Address	Rebecca.Deal@dvn.com									

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
Rustler - 683			
Top of Salado - 1058			
Base of Salado - 5078			
Delaware - 5338			
Bone Spring - 9644			
Wolfcamp - 12638			

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

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

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 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 16968

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	16968	Action Type:	C-104C
OCD Reviewer	Condition								
pkautz	None								