

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

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 12/02/2020
⁴ API Number 30 - 015 - 46153	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 325778	⁸ Property Name Creedence 21/16 W0FC St Com	⁹ Well Number 4H

II. ¹⁰ Surface Location

UL or lot no. K	Section 21	Township 24S	Range 28E	Lot Idn	Feet from the 2430	North/South Line South	Feet from the 2070	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. C	Section 16	Township 24S	Range 28E	Lot Idn	Feet from the	North/South line North	Feet from the	East/West line West	County Eddy
¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 12/02/2020	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
	Oryx 4000 N Big Spring Suite 400 Midland, TX 79705	O
282301	Crestwood New Mexico Pipeline 801 Cherry Street Suite 3800 Fort Worth, TX 76102	G

IV. Well Completion Data We are asking for an exemption from tubing at this time.

²¹ Spud Date 12/27/19	²² Ready Date 12/02/2020	²³ TD 17175' MD	²⁴ PBTD 17075'	²⁵ Perforations 9770' - 17066'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" 54.5# J55	430'	375		
12 ¼"	9 ¾" 40# HCL80	2495'	650		
8 ¾"	7" 29# HCP110	8907'	675		
6 ⅝"	4 ½" 13.5# HCP110	8736' - 17172'	725		

V. Well Test Data

³¹ Date New Oil 12/02/2020	³² Gas Delivery Date 12/02/2020	³³ Test Date 12/04/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 1750
³⁷ Choke Size 24/64	³⁸ Oil 400	³⁹ Water 1066	⁴⁰ Gas 462		⁴¹ Test Method Production

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: Jackie Lathan		Approved by: 	
Title: Regulatory		Title: BUSINESS OP. SPEC.	
E-mail Address: jlathan@mewbourne.com		Approval Date: 2/17/2021	
Date: 12/08/2020	Phone: 575-393-5905		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46153	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 325778	⁵ Property Name CREEDENCE 21/16 WOFC STATE COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 4H ⁹ Elevation 3033'

¹⁰ Surface Location

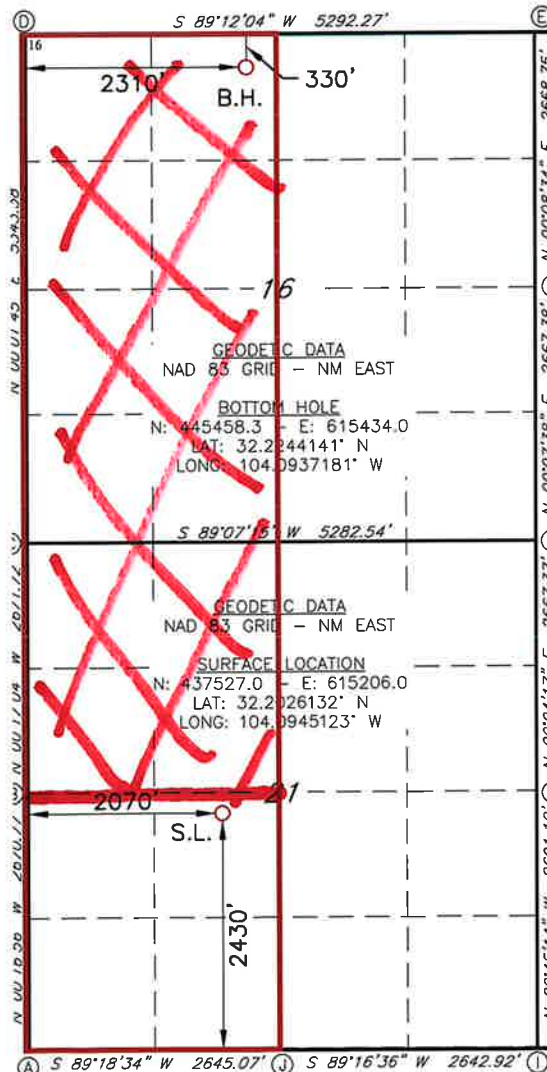
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
K	21	24S	28E		2430	SOUTH	2070	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	24S	28E		271	NORTH	2271	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1942"

N: 435072.6 - E: 613148.6

B: FOUND BRASS CAP "1942"

N: 437742.8 - E: 613135.4

C: CALCULATED CORNER

N: 440413.8 - E: 613122.2

D: FOUND 100D NAIL

N: 445756.0 - E: 613124.9

E: CALCULATED CORNER

N: 445829.8 - E: 618415.5

F: FOUND BRASS CAP "1942"

N: 443161.6 - E: 618408.8

G: CALCULATED CORNER

N: 440494.9 - E: 618402.9

H: FOUND BRASS CAP "1942"

N: 437828.1 - E: 618399.6

I: FOUND BRASS CAP "1942"

N: 435137.9 - E: 618435.0

J: FOUND BRASS CAP "1942"

N: 435104.5 - E: 615792.9

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.

Signature: Jackie Lathan Date: 12/03/2020

Printed Name: Jackie Lathan

jlathan@mewbourne.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.

03-06-2019

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Job No.:

RRC-Job No: LS19030320

Intent ☐ As Drilled ☒API #
30-015-46153Operator Name:
Mewbourne Oil CompanyProperty Name:
Creedence 21/16 W0FC State ComWell Number
4H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	21	24S	29E		2519	S	2249	W	Eddy
Latitude					Longitude			NAD	
32.2028428					-104.0939372			83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	21	24S	29E		2322	N	2298	W	Eddy
Latitude					Longitude			NAD	
32.2042381					-104.0937680			83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	16	24S	29E		390	N	2271	W	Eddy
Latitude					Longitude			NAD	
32.2242764					-104.0938451			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



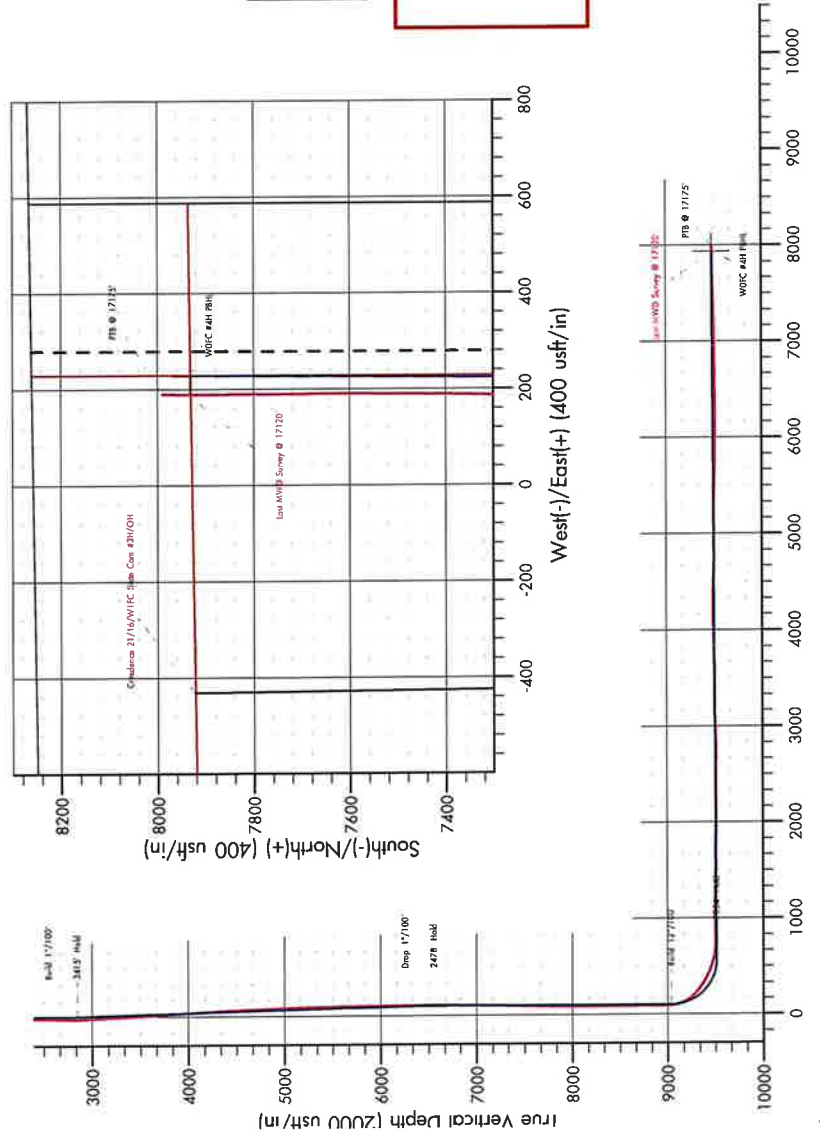
KB: RKB=28' @ 3061.00usft (Pat. 244)

WELL DETAILS: WOFC State Com #4H

WELLBORE TARGET DETAILS (LAT/LONG)

Shape	Easting	Northing	+E/-W	+N/-S	TVD
Point	615434.00	445458.30	228.00	7031.20	8491.00

MD	Inc	Azi	TVD	N/S	E/W	Dleg	TTrace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2550.00	0.00	0.00	2550.00	0.00	0.00	0.00	0.00	0.00	Build 1°/100°
2809.02	3.00	59.77	2849.89	3.95	6.79	1.00	59.77	4.15	3415° Hold
6264.93	3.00	59.77	6260.11	93.95	161.21	0.00	0.00	98.54	Drop 1°/100°
6564.06	0.00	0.00	6560.00	97.90	168.00	1.00	180.00	102.69	2478° Hold
9043.15	0.00	0.00	9038.20	97.90	168.00	0.00	0.00	102.69	Build 12°/100°
17195.40	90.27	0.44	9515.65	577.60	171.67	12.00	0.44	582.30	7354° Hold
17949.40	90.27	0.44	9481.90	7931.30	228.00	0.00	0.00	7934.58	TD at 17149.40





MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Creedence 21/16

W0FC State Com #4H

OH

Design: OH

Standard Survey Report

19 January, 2020





Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0FC State Com #4H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Site:	Creedence 21/16	MD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Well:	W0FC State Com #4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000,1 Single User Db

Project	Eddy Co., NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Creedence 21/16		
Site Position:		Northing:	437,527.00 usft
From:	Map	Easting:	615,206.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.202613
		Longitude:	-104.094513
		Grid Convergence:	0.13 °

Well	W0FC State Com #4H		
Well Position	+N/-S	0.00 usft	Northing: 437,527.00 usft
	+E/-W	0.00 usft	Easting: 615,206.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.202613
		Longitude:	-104.094513
		Ground Level:	3,033.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	12/10/19	7.07
			Dip Angle (°)
			59.90
			Field Strength (nT)
			47,823.90000000

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)
	0.00	0.00	0.00
			Direction (°)
			1.65

Survey Program	Date 01/19/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
178.00	17,175.00	MWD Survey (OH)	MWD
			Description
			OWSG MWD - Standard

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	
178.00	0.60	181.96	178.00	-0.93	-0.03	-0.93	0.34	0.34	0.00	
First MWD Survey										
378.00	0.90	208.96	377.98	-3.35	-0.83	-3.37	0.23	0.15	13.50	
498.00	0.64	206.58	497.97	-4.78	-1.58	-4.82	0.22	-0.22	-1.98	
585.00	0.50	214.12	584.96	-5.53	-2.01	-5.58	0.18	-0.16	8.67	
674.00	0.31	214.97	673.96	-6.04	-2.37	-6.11	0.21	-0.21	0.96	
771.00	0.24	263.62	770.96	-6.28	-2.72	-6.36	0.24	-0.07	50.15	
865.00	0.14	248.55	864.96	-6.35	-3.03	-6.43	0.12	-0.11	-16.03	
959.00	0.45	262.00	958.96	-6.44	-3.50	-6.54	0.34	0.33	14.31	
1,053.00	0.46	260.60	1,052.96	-6.55	-4.24	-6.67	0.02	0.01	-1.49	



Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate References:	Well W0FC State Com #4H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Site:	Creedence 21/16	MD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Well:	W0FC State Com #4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
1,147.00	0.59	273.18	1,146.95	-6.59	-5.09	-6.73	0.18	0.14	13.38
1,240.00	0.63	270.03	1,239.95	-6.56	-6.08	-6.73	0.06	0.04	-3.39
1,334.00	0.95	265.55	1,333.94	-6.62	-7.37	-6.83	0.35	0.34	-4.77
1,427.00	1.17	265.85	1,426.92	-6.75	-9.09	-7.01	0.24	0.24	0.32
1,521.00	1.24	265.08	1,520.90	-6.91	-11.06	-7.22	0.08	0.07	-0.82
1,614.00	1.37	263.82	1,613.88	-7.11	-13.17	-7.49	0.14	0.14	-1.35
1,708.00	1.60	264.39	1,707.85	-7.36	-15.59	-7.81	0.25	0.24	0.61
1,801.00	1.37	263.58	1,800.81	-7.61	-17.99	-8.13	0.25	-0.25	-0.87
1,894.00	0.98	240.87	1,893.80	-8.12	-19.79	-8.69	0.65	-0.42	-24.42
1,987.00	0.87	220.05	1,986.78	-9.05	-20.94	-9.65	0.38	-0.12	-22.39
2,080.00	0.80	199.31	2,079.77	-10.20	-21.61	-10.82	0.33	-0.08	-22.30
2,174.00	1.06	157.82	2,173.76	-11.63	-21.49	-12.24	0.75	0.28	-44.14
2,268.00	1.61	143.05	2,267.74	-13.49	-20.37	-14.07	0.69	0.59	-15.71
2,361.00	2.10	138.50	2,360.69	-15.81	-18.46	-16.33	0.55	0.53	-4.89
2,434.00	2.04	142.17	2,433.64	-17.84	-16.78	-18.31	0.20	-0.08	5.03
2,566.00	1.94	147.55	2,565.56	-21.58	-14.14	-21.98	0.16	-0.08	4.08
2,659.00	2.54	111.59	2,658.49	-23.66	-11.37	-23.98	1.61	0.65	-38.67
2,753.00	3.48	99.98	2,752.36	-24.93	-6.63	-25.11	1.19	1.00	-12.35
2,845.00	3.11	79.12	2,844.21	-24.94	-1.43	-24.97	1.36	-0.40	-22.67
2,938.00	3.13	69.09	2,937.08	-23.56	3.42	-23.45	0.59	0.02	-10.78
3,031.00	3.12	73.60	3,029.94	-21.94	8.22	-21.69	0.26	-0.01	4.85
3,125.00	4.33	53.08	3,123.74	-19.08	13.51	-18.68	1.90	1.29	-21.83
3,219.00	5.23	46.33	3,217.42	-13.99	19.45	-13.43	1.13	0.96	-7.18
3,313.00	5.06	49.63	3,311.04	-8.35	25.71	-7.60	0.36	-0.18	3.51
3,407.00	4.75	44.09	3,404.69	-2.87	31.57	-1.96	0.60	-0.33	-5.89
3,499.00	4.57	42.34	3,496.39	2.58	36.69	3.63	0.25	-0.20	-1.90
3,592.00	4.57	44.61	3,589.09	7.95	41.79	9.15	0.19	0.00	2.44
3,685.00	7.25	55.32	3,681.59	13.93	49.22	15.34	3.10	2.88	11.52
3,779.00	7.01	59.27	3,774.87	20.24	59.03	21.93	0.58	-0.26	4.20
3,871.00	4.70	51.09	3,866.38	25.47	66.79	27.39	2.66	-2.51	-8.89
3,965.00	4.15	33.99	3,960.11	30.71	71.68	32.77	1.51	-0.59	-18.19
4,059.00	4.00	37.07	4,053.87	36.15	75.56	38.31	0.28	-0.16	3.28
4,152.00	4.00	36.33	4,146.64	41.35	79.44	43.62	0.06	0.00	-0.80
4,247.00	4.13	40.14	4,241.40	46.64	83.61	49.02	0.32	0.14	4.01
4,340.00	4.21	39.56	4,334.16	51.83	87.94	54.34	0.10	0.09	-0.62
4,433.00	4.13	35.68	4,426.91	57.18	92.07	59.81	0.32	-0.09	-4.17
4,526.00	3.91	43.39	4,519.68	62.20	96.20	64.95	0.63	-0.24	8.29
4,619.00	3.22	51.86	4,612.50	66.12	100.43	68.99	0.93	-0.74	9.11
4,711.00	3.32	49.40	4,704.35	69.45	104.49	72.43	0.19	0.11	-2.67
4,805.00	3.02	49.11	4,798.21	72.84	108.43	75.94	0.32	-0.32	-0.31
4,898.00	2.73	46.22	4,891.09	75.98	111.88	79.17	0.35	-0.31	-3.11
4,991.00	2.46	46.97	4,984.00	78.87	114.94	82.15	0.29	-0.29	0.81
5,084.00	2.37	45.26	5,076.91	81.59	117.76	84.95	0.12	-0.10	-1.84



Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0FC State Com #4H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Site:	Creedence 21/16	MD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Well:	W0FC State Com #4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
5,178.00	2.32	44.92	5,170.84	84.30	120.48	87.74	0.06	-0.05	-0.36
5,271.00	2.10	52.31	5,263.77	86.68	123.16	90.19	0.39	-0.24	7.95
5,365.00	2.11	56.50	5,357.70	88.69	125.97	92.28	0.16	0.01	4.46
5,460.00	2.08	51.40	5,452.64	90.73	128.77	94.40	0.20	-0.03	-5.37
5,553.00	1.97	57.16	5,545.58	92.65	131.44	96.39	0.25	-0.12	6.19
5,646.00	1.96	57.72	5,638.53	94.36	134.12	98.19	0.02	-0.01	0.60
5,740.00	1.97	62.45	5,732.47	95.97	136.91	99.87	0.17	0.01	5.03
5,835.00	1.97	61.99	5,827.42	97.49	139.80	101.48	0.02	0.00	-0.48
5,928.00	1.86	68.47	5,920.36	98.80	142.62	102.86	0.26	-0.12	6.97
6,021.00	1.52	73.98	6,013.32	99.69	145.21	103.83	0.40	-0.37	5.92
6,115.00	1.55	77.04	6,107.29	100.32	147.65	104.53	0.09	0.03	3.26
6,208.00	1.18	66.12	6,200.26	100.99	149.75	105.26	0.48	-0.40	-11.74
6,302.00	1.09	49.28	6,294.25	101.96	151.31	106.28	0.37	-0.10	-17.91
6,396.00	0.83	33.50	6,388.23	103.12	152.36	107.46	0.39	-0.28	-16.79
6,490.00	0.37	8.01	6,482.23	103.98	152.78	108.34	0.55	-0.49	-27.12
6,582.00	0.18	224.28	6,574.23	104.17	152.72	108.53	0.57	-0.21	-156.23
6,676.00	1.08	213.18	6,668.22	103.33	152.13	107.67	0.96	0.96	-11.81
6,770.00	0.95	217.61	6,762.20	101.97	151.17	106.28	0.16	-0.14	4.71
6,863.00	0.88	234.67	6,855.19	100.95	150.12	105.23	0.30	-0.08	18.34
6,957.00	1.19	240.15	6,949.18	100.04	148.68	104.28	0.35	0.33	5.83
7,051.00	1.02	235.88	7,043.16	99.09	147.15	103.28	0.20	-0.18	-4.54
7,145.00	1.23	236.05	7,137.14	98.05	145.62	102.21	0.22	0.22	0.18
7,239.00	1.46	227.62	7,231.12	96.68	143.89	100.79	0.32	0.24	-8.97
7,333.00	1.19	234.61	7,325.09	95.31	142.21	99.37	0.33	-0.29	7.44
7,427.00	1.16	194.57	7,419.07	93.82	141.18	97.85	0.86	-0.03	-42.60
7,521.00	1.73	181.31	7,513.04	91.49	140.91	95.50	0.70	0.61	-14.11
7,614.00	2.59	131.86	7,605.98	88.68	142.44	92.74	2.12	0.92	-53.17
7,707.00	2.37	132.89	7,698.90	85.97	145.41	90.12	0.24	-0.24	1.11
7,801.00	2.54	127.78	7,792.81	83.37	148.48	87.61	0.29	0.18	-5.44
7,893.00	2.51	99.44	7,884.72	81.79	152.08	86.14	1.34	-0.03	-30.80
7,988.00	2.91	90.43	7,979.62	81.43	156.55	85.90	0.61	0.42	-9.48
8,083.00	2.52	88.23	8,074.51	81.48	161.05	86.08	0.42	-0.41	-2.32
8,177.00	2.40	86.53	8,168.42	81.66	165.08	86.38	0.15	-0.13	-1.81
8,271.00	1.90	89.04	8,262.36	81.81	168.60	86.63	0.54	-0.53	2.67
8,366.00	1.23	86.46	8,357.32	81.89	171.19	86.79	0.71	-0.71	-2.72
8,461.00	0.65	63.92	8,452.31	82.19	172.69	87.13	0.71	-0.61	-23.73
8,556.00	0.81	81.96	8,547.30	82.53	173.84	87.50	0.29	0.17	18.99
8,649.00	0.63	74.70	8,640.29	82.75	174.98	87.76	0.22	-0.19	-7.81
8,743.00	0.76	81.99	8,734.29	82.98	176.10	88.01	0.17	0.14	7.76
8,837.00	0.48	57.36	8,828.28	83.27	177.05	88.34	0.40	-0.30	-26.20
8,950.00	0.45	32.07	8,941.28	83.91	177.68	88.99	0.18	-0.03	-22.38
9,043.00	4.89	13.88	9,034.15	<u>88.07</u>	<u>178.83</u>	93.18	4.80	4.77	-19.56
9,136.00	17.69	14.04	9,125.17	105.69	183.23	110.93	13.76	13.76	0.17



Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0FC State Com #4H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Site:	Creedence 21/16	MD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Well:	W0FC State Com #4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
9,230.00	33.41	15.52	9,209.71	144.73	193.68	150.25	16.74	16.72	1.57
9,324.00	48.13	17.03	9,280.70	203.46	210.95	209.45	15.69	15.66	1.61
9,418.00	53.48	7.84	9,340.16	274.48	226.39	280.89	9.47	5.69	-9.78
9,511.00	59.31	4.74	9,391.62	351.43	234.80	358.05	6.85	6.27	-3.33
9,603.00	66.31	359.06	9,433.66	433.13	237.38	439.78	9.38	7.61	-6.17
9,696.00	72.48	355.59	9,466.38	520.02	233.27	526.52	7.50	6.63	-3.73
9,788.00	79.32	357.46	9,488.78	609.03	227.88	615.34	7.69	7.43	2.03
9,858.00	82.58	357.59	9,499.79	678.08	224.90	684.28	4.66	4.66	0.19
9,938.00	92.58	1.55	9,503.17	757.89	224.31	764.04	13.44	12.50	4.95
10,000.00	92.55	0.72	9,500.39	819.82	225.54	825.97	1.34	-0.05	-1.34
10,094.00	91.99	358.53	9,496.67	913.74	224.92	919.83	2.40	-0.60	-2.33
10,188.00	88.43	356.81	9,496.33	1,007.64	221.10	1,013.59	4.21	-3.79	-1.83
10,282.00	88.91	357.55	9,498.51	1,101.50	216.48	1,107.28	0.94	0.51	0.79
10,376.00	89.33	358.15	9,499.95	1,195.42	212.95	1,201.06	0.78	0.45	0.64
10,470.00	90.25	358.78	9,500.30	1,289.39	210.43	1,294.91	1.19	0.98	0.67
10,564.00	87.53	357.22	9,502.12	1,383.30	207.15	1,388.69	3.34	-2.89	-1.66
10,657.00	88.04	357.44	9,505.71	1,476.13	202.82	1,481.36	0.60	0.55	0.24
10,751.00	90.76	358.71	9,506.70	1,570.06	199.67	1,575.16	3.19	2.89	1.35
10,844.00	90.95	359.24	9,505.31	1,663.03	198.00	1,668.05	0.61	0.20	0.57
10,938.00	88.32	358.68	9,505.91	1,757.01	196.30	1,761.93	2.86	-2.80	-0.60
11,031.00	88.91	359.13	9,508.15	1,849.96	194.52	1,854.80	0.80	0.63	0.48
11,125.00	89.38	359.23	9,509.56	1,943.94	193.18	1,948.70	0.51	0.50	0.11
11,218.00	89.89	358.89	9,510.15	2,036.93	191.65	2,041.60	0.66	0.55	-0.37
11,311.00	90.14	359.10	9,510.13	2,129.91	190.02	2,134.50	0.35	0.27	0.23
11,404.00	91.15	359.38	9,509.08	2,222.90	188.79	2,227.41	1.13	1.09	0.30
11,497.00	89.66	358.44	9,508.42	2,315.88	187.02	2,320.30	1.89	-1.60	-1.01
11,591.00	89.86	359.26	9,508.82	2,409.86	185.13	2,414.19	0.90	0.21	0.87
11,685.00	87.81	358.55	9,510.73	2,503.81	183.33	2,508.05	2.31	-2.18	-0.76
11,778.00	89.24	359.00	9,513.12	2,596.76	181.35	2,600.90	1.61	1.54	0.48
11,871.00	89.44	359.03	9,514.19	2,689.74	179.75	2,693.80	0.22	0.22	0.03
11,964.00	90.78	359.72	9,514.01	2,782.73	178.73	2,786.72	1.62	1.44	0.74
12,057.00	90.59	359.56	9,512.90	2,875.72	178.15	2,879.66	0.27	-0.20	-0.17
12,150.00	92.44	1.08	9,510.44	2,968.68	178.67	2,972.59	2.57	1.99	1.63
12,244.00	93.70	1.99	9,505.41	3,062.51	181.18	3,066.46	1.65	1.34	0.97
12,338.00	91.74	0.43	9,500.95	3,156.37	183.16	3,160.34	2.66	-2.09	-1.66
12,432.00	90.67	0.33	9,498.97	3,250.35	183.79	3,254.29	1.14	-1.14	-0.11
12,526.00	87.70	1.11	9,500.31	3,344.32	184.97	3,348.26	3.27	-3.16	0.83
12,619.00	88.73	1.83	9,503.20	3,437.24	187.35	3,441.21	1.35	1.11	0.77
12,713.00	91.68	2.76	9,502.87	3,531.16	191.12	3,535.20	3.29	3.14	0.99
12,805.00	91.68	2.42	9,500.17	3,623.02	195.27	3,627.14	0.37	0.00	-0.37
12,899.00	90.56	359.59	9,498.33	3,716.98	196.92	3,721.11	3.24	-1.19	-3.01
12,993.00	91.12	359.22	9,496.95	3,810.96	195.94	3,815.03	0.71	0.60	-0.39
13,086.00	90.67	359.03	9,495.50	3,903.94	194.52	3,907.92	0.53	-0.48	-0.20
13,180.00	92.52	0.61	9,492.89	3,997.90	194.23	4,001.83	2.59	1.97	1.68



Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0FC State Com #4H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Site:	Creedence 21/16	MD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Well:	W0FC State Com #4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
13,274.00	91.91	0.54	9,489.25	4,091.82	195.17	4,095.75	0.65	-0.65	-0.07
13,367.00	90.98	359.83	9,486.91	4,184.79	195.47	4,188.68	1.26	-1.00	-0.76
13,461.00	89.72	359.69	9,486.33	4,278.79	195.08	4,282.63	1.35	-1.34	-0.15
13,554.00	89.97	359.55	9,486.58	4,371.78	194.46	4,375.57	0.31	0.27	-0.15
13,647.00	87.17	358.28	9,488.91	4,464.73	192.70	4,468.42	3.31	-3.01	-1.37
13,740.00	87.14	358.24	9,493.52	4,557.57	189.88	4,561.15	0.05	-0.03	-0.04
13,834.00	86.27	358.39	9,498.92	4,651.37	187.12	4,654.83	0.94	-0.93	0.16
13,928.00	90.78	0.93	9,501.34	4,745.31	186.57	4,748.71	5.51	4.80	2.70
14,022.00	91.26	0.64	9,499.67	4,839.28	187.85	4,842.69	0.60	0.51	-0.31
14,115.00	88.66	359.97	9,499.74	4,932.27	188.35	4,935.65	2.89	-2.80	-0.72
14,209.00	90.90	0.85	9,500.10	5,026.26	189.02	5,029.62	2.56	2.38	0.94
14,302.00	92.07	4.60	9,497.69	5,119.11	193.44	5,122.56	4.22	1.26	4.03
14,397.00	89.02	4.25	9,496.78	5,213.81	200.77	5,217.43	3.23	-3.21	-0.37
14,489.00	89.38	2.75	9,498.07	5,305.63	206.38	5,309.37	1.68	0.39	-1.63
14,583.00	87.48	1.07	9,500.64	5,399.53	209.52	5,403.33	2.70	-2.02	-1.79
14,677.00	88.18	2.49	9,504.20	5,493.42	212.43	5,497.26	1.68	0.74	1.51
14,771.00	89.30	1.08	9,506.27	5,587.34	215.36	5,591.23	1.92	1.19	-1.50
14,865.00	88.18	359.83	9,508.34	5,681.32	216.11	5,685.18	1.79	-1.19	-1.33
14,958.00	88.12	359.42	9,511.34	5,774.26	215.50	5,778.08	0.45	-0.06	-0.44
15,051.00	88.57	359.59	9,514.02	5,867.22	214.70	5,870.97	0.52	0.48	0.18
15,144.00	89.33	359.90	9,515.73	5,960.21	214.28	5,963.90	0.88	0.82	0.33
15,237.00	90.81	359.42	9,515.61	6,053.20	213.73	6,056.84	1.67	1.59	-0.52
15,330.00	89.78	356.93	9,515.14	6,146.14	210.77	6,149.66	2.90	-1.11	-2.68
15,424.00	90.31	357.12	9,515.06	6,240.02	205.89	6,243.36	0.60	0.56	0.20
15,517.00	90.73	356.78	9,514.22	6,332.88	200.94	6,336.04	0.58	0.45	-0.37
15,610.00	91.12	357.11	9,512.72	6,425.74	195.99	6,428.71	0.55	0.42	0.35
15,704.00	91.77	357.55	9,510.35	6,519.60	191.61	6,522.42	0.83	0.69	0.47
15,797.00	90.48	357.41	9,508.52	6,612.49	187.52	6,615.15	1.40	-1.39	-0.15
15,890.00	90.36	359.56	9,507.84	6,705.45	185.06	6,708.00	2.32	-0.13	2.31
15,983.00	91.04	359.76	9,506.70	6,798.44	184.51	6,800.94	0.76	0.73	0.22
16,076.00	89.30	358.84	9,506.43	6,891.43	183.37	6,893.85	2.12	-1.87	-0.99
16,169.00	90.70	0.47	9,506.43	6,984.42	182.81	6,986.79	2.31	1.51	1.75
16,262.00	91.79	1.18	9,504.41	7,077.39	184.15	7,079.76	1.40	1.17	0.76
16,356.00	91.04	0.96	9,502.08	7,171.35	185.91	7,173.72	0.83	-0.80	-0.23
16,448.00	90.59	0.09	9,500.78	7,263.33	186.75	7,265.70	1.06	-0.49	-0.95
16,541.00	92.47	0.80	9,498.29	7,356.29	187.47	7,358.64	2.16	2.02	0.76
16,635.00	91.57	0.53	9,494.98	7,450.22	188.56	7,452.56	1.00	-0.96	-0.29
16,729.00	91.57	0.92	9,492.40	7,544.18	189.75	7,546.52	0.41	0.00	0.41
16,823.00	91.01	359.16	9,490.29	7,638.15	189.82	7,640.45	1.96	-0.60	-1.87
16,916.00	90.67	359.99	9,488.92	7,731.14	189.13	7,733.38	0.96	-0.37	0.89
17,009.00	90.62	359.69	9,487.88	7,824.13	188.87	7,826.33	0.33	-0.05	-0.32
17,103.00	92.21	0.17	9,485.56	7,918.10	188.75	7,920.25	1.77	1.69	0.51
17,116.48	92.43	0.14	9,485.01	7,931.57	188.79	7,933.71	1.66	1.65	-0.24



Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well W0FC State Com #4H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Site:	Creedence 21/16	MD Reference:	RKB=28' @ 3061.00usft (Pat. 244)
Well:	W0FC State Com #4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
W0FC #4H PBHL									
17,120.00	92.49	0.13	9,484.86	7,935.09	188.80	7,937.23	1.66	1.65	-0.24
Last MWD Survey @ 17120'									
17,175.00	92.49	0.13	9,482.47	7,990.04	188.92	7,992.16	0.00	0.00	0.00
PTB @ 17175'									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
178.00	178.00	-0.93	-0.03	First MWD Survey
17,120.00	9,484.86	7,935.09	188.80	Last MWD Survey @ 17120'
17,175.00	9,482.47	7,990.04	188.92	PTB @ 17175'

Checked By: _____ Approved By: _____ Date: _____

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 April 3, 2017		
		1. WELL API NO. 30-015-46153					
		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 Creedence 21/16 W0FC State Com			
				6. Well Number: 4H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							
8. Name of Operator Mewbourne Oil Company				9. OGRID 14744			
10. Address of Operator PO Box 5270 Hobbs, NM 88240				11. Pool name or Wildcat Purple Sage Wolfcamp (Gas) 98220			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:	K	21	24S	28E		2430	
BH:	C	16	24S	28E		271	
13. Date Spudded 12/27/2019	14. Date T.D. Reached 01/19/2020	15. Date Rig Released 01/22/2020		16. Date Completed (Ready to Produce) 12/02/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3033 GL	
18. Total Measured Depth of Well 17175 MD		19. Plug Back Measured Depth 17075 MD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR	
22. Producing Interval(s), of this completion - Top, Bottom, Name 9770' - 17066' Wolfcamp							
CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13 3/8"	54.5	430'	17 1/2"	375	0		
9 5/8"	40	2495'	12 1/4"	650	0		
7"	29	8907'	8 3/4"	675	0		
24. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD		
4 1/2"	8736'	17172'	725		SIZE	DEPTH SET	
26. Perforation record (interval, size, and number) 9770' - 17066' (58 stages, 0.39" EHD, 2088 holes)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9770' - 17066' 18,495,666 gals of SW, carrying 18,129,310# local 100 Mesh sand			
PRODUCTION							
28. Date First Production 12/02/2020		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 12/04/2020	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl 400	Gas - MCF 462	Water - Bbl. 1066	
Flow Tubing Press. NA	Casing Pressure 1750	Calculated 24-Hour Rate	Oil - Bbl. 400	Gas - MCF 462	Water - Bbl. 1066	Gas - Oil Ratio 1155	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					30. Test Witnessed By Robin Terrell		
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102							
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					33. Rig Release Date: 01/22/2020		
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD83							
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							
Printed Name: Jackie Lathan			Signature: 				
Title: Regulatory	Date: 12/08/2020	E-mail Address: jlathan@mewbourne.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	
T. Anhy	T. Bell Canyon 2574'	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2340	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware 2537'	T. Morrison	
T. Drinkard	T. Bone Springs 6156'	T. Todilto	
T. Abo	T. Castile 1154'	T. Entrada	
T. Wolfcamp 9412'	T. Ramsey	T. Wingate	
T. Penn	B. Cherry Canyon 3340'	T. Chinle	
T. Brushy Canyon 4533'	T. Manzanita 3538'	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....

No. 3, from.....to.....
 No. 4, from.....to.....

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
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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 14123

CONDITIONS OF APPROVAL

Operator:	MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	14123	Action Type:	C-104C
OCD Reviewer									Condition
abustamante									None