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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 Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 02/11/2021
⁴ API Number 30 - 015 - 46411	⁵ Pool Name Purple Sage; Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 326218	⁸ Property Name Fuller 13/12 W1FC Federal Com	⁹ Well Number 2H

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
K	13	26S	29E		2610	South	2505	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	12	26S	29E		317	North	2177	West	Eddy
¹² Lse Code F	¹³ Producing Method Code Gas Lift	¹⁴ Gas Connection Date 02/11/2021	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
195739	Plains Pipeline 5500 Ming Ave Suite 300 Bakersfield, CA 93309	O
314437	Delaware Basin Midstream PO Box 1330 Houston, Texas 77251-1330	G

IV. Well Completion Data

²¹ Spud Date 09/07/2020	²² Ready Date 02/11/2021	²³ TD 18288' MD	²⁴ PBTB 18246'	²⁵ Perforations 10898' - 18231'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾" 54.5# J55	880'	1391		
12 ¼"	9 ⅝" 40# HCL80	4355'	1025		
8 ¾"	7 ⅞" 29# P110	9942'	575		
6 ⅞"	4 ½" 13.5# HCP110 3 ½" 9.3# L80	9763' – 18287' 9711'	630		

V. Well Test Data

³¹ Date New Oil 02/11/2021	³² Gas Delivery Date 02/11/2021	³³ Test Date 02/19/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 2150	³⁶ Csg. Pressure 245
³⁷ Choke Size 36/64"	³⁸ Oil 1583	³⁹ Water 4932	⁴⁰ Gas 5190		⁴¹ Test Method Flowing

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 Approved by: PATRICIA MARTINEZ Title: PETROLEUM SPECIALIST Approval Date: 5/12/2021
Printed name: Jackie Lathan Title: Regulatory E-mail Address: jlathan@mewbourne.com Date: 03/17/2021	Phone: 575-393-5905

Received by OCD: 3/19/2021 6:54:51 AM

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

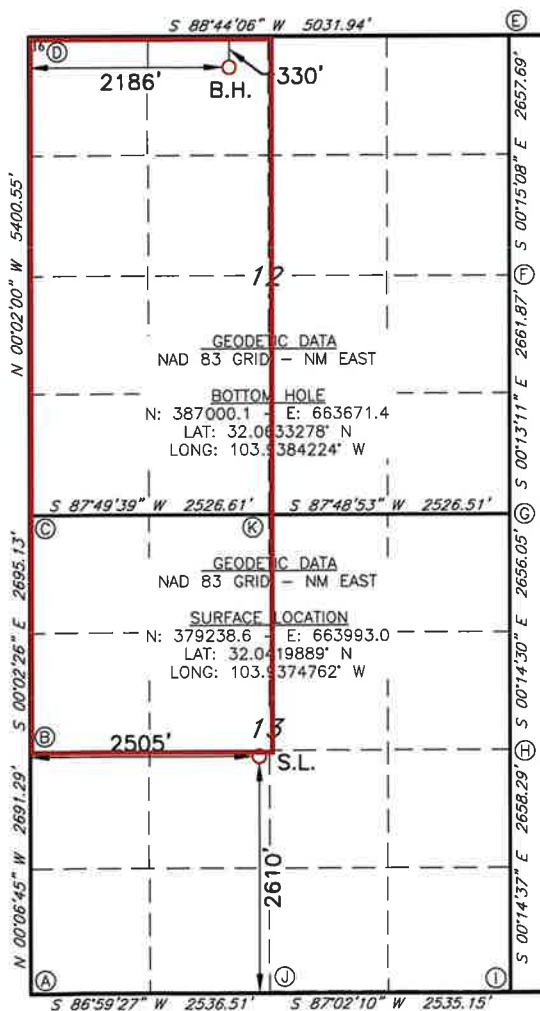
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46411		² Pool Code 98220		³ Pool Name Purple Sage; Wolfcamp	
⁴ Property Code 326218		⁵ Property Name FULLER 13/12 W1FC FED COM			⁶ Well Number 2H
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3001'
¹⁰ Surface Location					
UL or lot no. K	Section 13	Township 26S	Range 29E	Lot Idn 2610	Feet from the 2505
		North/South line SOUTH		Feet From the WEST	
				County EDDY	
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. C	Section 12	Township 26S	Range 29E	Lot Idn 2610	Feet from the 2505
		North/South line NORTH		Feet From the WEST	
				County EDDY	
¹² Dedicated Acres 480		¹³ Joint or Infill		¹⁴ Consolidation Code	
				¹⁵ Order No.	

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 "1940"
N: 376497.1 - E: 661496.5

B: FOUND BRASS CAP "1940"
N: 379187.8 - E: 661491.3

C: FOUND BRASS CAP "1940"
N: 381882.4 - E: 661489.4

D: FOUND BRASS CAP "1940"
N: 387281.8 - E: 661486.2

E: FOUND 1/2" REBAR
N: 387392.8 - E: 666515.9

F: FOUND BRASS CAP "1940"
N: 384735.7 - E: 666527.5

G: FOUND BRASS CAP "1940"
N: 382074.4 - E: 666537.7

H: FOUND BRASS CAP "1940"
N: 379419.0 - E: 666548.9

I: FOUND BRASS CAP "1940"
N: 376761.3 - E: 666560.2

J: FOUND BRASS CAP "1940"
N: 376630.2 - E: 664029.0

K: FOUND BRASS CAP "1940"
N: 381978.1 - E: 664013.6

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.

Jackie Lathan 03/17/2021
Signature Date

Jackie Lathan
Printed Name

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.

10-11-2018

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number

REV: 11-28-2018



RRC-Job No: LS18101143

Plan #4



Project: Eddy Co., NM (NAD 83)
 Site: Fuller Pad
 Well: Fuller 13/12 W1FC Fed Com 2H
 Wellbore: OH
 Design: Plan #4
 Lat: 32.041989
 Long: -103.937476
 GL: 3002.00
 KB: KB=28 @ 3030.00usft (Patterson 562)



WELL DETAILS: Fuller 13/12 W1FC Fed Com 2H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	379238.60	663993.00	32.041989	-103.937476

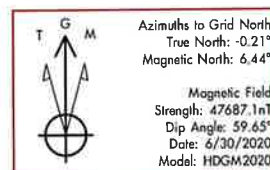
WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Fuller 13/12 W1FC 2H BB Point	10047.05	-148.46	-315.51	379090.14	663677.49	Point
Fuller 13/12 W1FC 2H PBHL	10651.00	7761.50	-321.60	387000.10	663671.40	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
8315.00	3.87	246.01	8301.33	-117.07	-299.35	0.00	0.00	-104.58	
8370.00	3.87	246.10	8356.21	-118.58	-302.75	0.01	90.04	-105.94	Turn/Drop 1.5°/100' @ TFO 112.36
8402.10	3.71	252.99	8388.24	-119.32	-304.73	1.50	112.36	-106.60	1414' Hold
9816.49	3.71	252.99	9799.65	-146.11	-392.33	0.00	0.00	-129.75	Drop 1.5°/100'
10064.06	0.00	0.00	10047.05	-148.46	-400.00	1.50	180.00	-131.77	Build 10°/100'
10961.66	89.76	5.60	10620.00	419.37	-344.32	10.00	5.60	433.27	Turn 1°/100'
11525.56	89.76	359.96	10622.38	982.38	-316.98	1.00	-90.03	994.66	6779' Hold
13004.74	89.76	359.96	10651.00	7761.50	-321.60	0.00	0.00	7768.16	TD at 18304.74

**50' Dotted Buffer Line East of Plan Line
DO NOT CROSS**



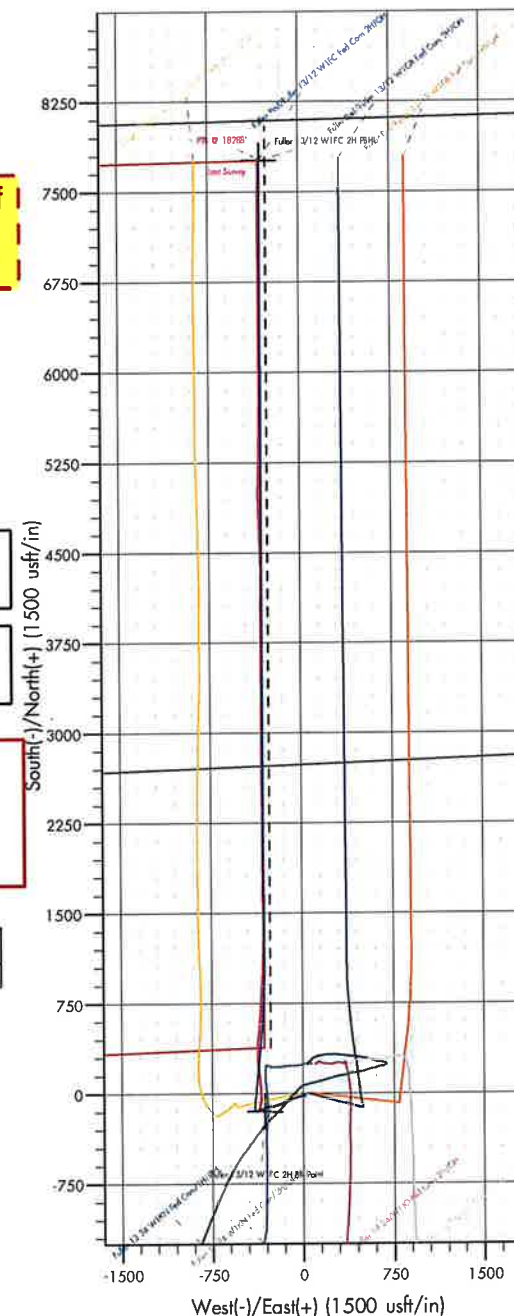
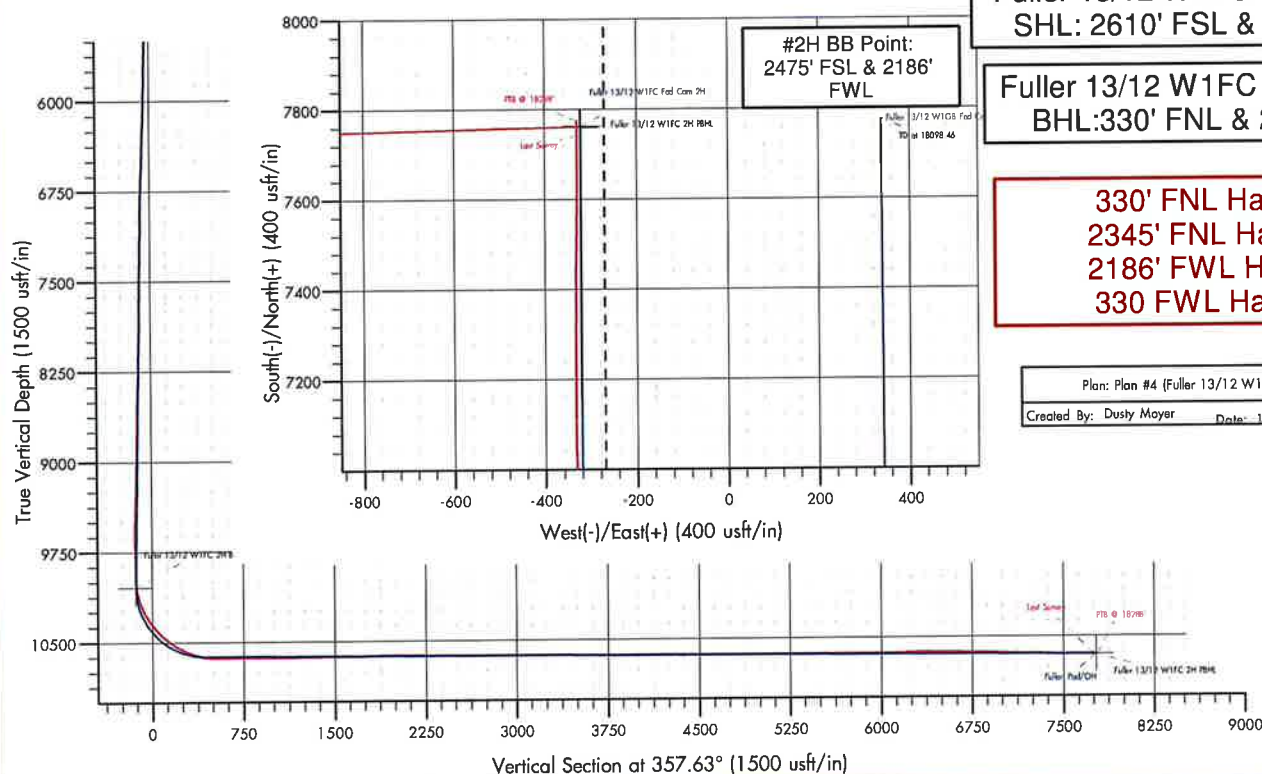
Fuller 13/12 W1FC Fed Com 1H
 SHL: 2610' FSL & 2505' FWL

Fuller 13/12 W1FC Fed Com 2H
 BHL: 330' FNL & 2186' FWL

**330' FNL Hard Line
 2345' FNL Hard Line
 2186' FWL Hard Line
 330' FWL Hard Line**

Plan: Plan #4 (Fuller 13/12 W1FC Fed Com 2H/OH)

Created By: Dusty Mayer Date: 11:51 September 26 2020





Mewbourne Oil Company

Eddy Co., NM (NAD 83)

Fuller Pad

Fuller 13/12 W1FC Fed Com 2H

OH

Design: OH

Standard Survey Report

26 September, 2020





Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	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	Fuller Pad			
Site Position:		Northing:	379,237.00 usft	Latitude: 32.041985
From:	Map	Easting:	663,963.00 usft	Longitude: -103.937573
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	

Well	Fuller 13/12 W1FC Fed Com 2H			
Well Position	+N/-S	0.00 usft	Northing:	379,238.60 usft
	+E/-W	0.00 usft	Easting:	663,993.00 usft
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft
Grid Convergence:		0.21 °	Ground Level:	3,002.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	6/30/2020	6.65	59.65	47,687.10000000

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	357.63

Survey Program	Date	9/26/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.00	798.00	Gyro (OH)	GYRO-NS	OWSG Gyrocompass Gyro
992.00	18,288.00	MWD Survey (OH)	MWD	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	
100.00	0.41	172.12	100.00	-0.35	0.05	-0.36	0.41	0.41	0.00	
125.00	0.33	183.33	125.00	-0.51	0.06	-0.52	0.43	-0.32	44.84	
150.00	0.39	180.96	150.00	-0.67	0.05	-0.67	0.25	0.24	-9.48	
175.00	0.54	173.31	175.00	-0.87	0.06	-0.88	0.65	0.60	-30.60	
200.00	0.54	177.21	200.00	-1.11	0.08	-1.11	0.15	0.00	15.60	
225.00	0.62	185.33	224.99	-1.36	0.08	-1.36	0.46	0.32	32.48	
250.00	0.67	174.77	249.99	-1.64	0.08	-1.64	0.51	0.20	-42.24	
275.00	0.75	166.53	274.99	-1.95	0.13	-1.95	0.52	0.32	-32.96	



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	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)
300.00	0.73	174.28	299.99	-2.26	0.18	-2.27	0.41	-0.08	31.00
325.00	0.81	171.50	324.99	-2.60	0.22	-2.60	0.35	0.32	-11.12
350.00	0.96	171.12	349.98	-2.98	0.28	-2.99	0.60	0.60	-1.52
375.00	0.92	171.79	374.98	-3.38	0.34	-3.40	0.17	-0.16	2.68
400.00	1.00	178.91	399.98	-3.80	0.38	-3.81	0.57	0.32	28.48
425.00	1.08	176.46	424.97	-4.25	0.40	-4.27	0.37	0.32	-9.80
450.00	1.21	173.09	449.97	-4.75	0.44	-4.77	0.59	0.52	-13.48
475.00	1.25	175.19	474.96	-5.28	0.50	-5.30	0.24	0.16	8.40
500.00	1.20	174.69	499.96	-5.82	0.54	-5.83	0.20	-0.20	-2.00
525.00	1.14	173.35	524.95	-6.32	0.60	-6.34	0.26	-0.24	-5.36
550.00	1.23	169.27	549.95	-6.84	0.68	-6.86	0.49	0.36	-16.32
575.00	1.23	165.69	574.94	-7.36	0.79	-7.39	0.31	0.00	-14.32
600.00	1.34	161.78	599.93	-7.90	0.95	-7.93	0.56	0.44	-15.64
625.00	1.05	157.82	624.93	-8.39	1.13	-8.43	1.21	-1.16	-15.84
650.00	0.76	144.12	649.93	-8.73	1.31	-8.78	1.44	-1.16	-54.80
675.00	0.53	107.16	674.92	-8.90	1.52	-8.96	1.85	-0.92	-147.84
700.00	0.38	102.29	699.92	-8.95	1.71	-9.02	0.62	-0.60	-19.48
725.00	0.32	100.51	724.92	-8.98	1.86	-9.05	0.24	-0.24	-7.12
750.00	0.36	118.65	749.92	-9.03	2.00	-9.11	0.46	0.16	72.56
775.00	0.69	127.33	774.92	-9.16	2.19	-9.25	1.35	1.32	34.72
798.00	1.06	143.54	797.92	-9.42	2.42	-9.51	1.92	1.61	70.48
992.00	1.19	193.63	991.89	-12.82	3.01	-12.93	0.49	0.07	25.82
First AEP Survey									
1,054.00	1.23	192.04	1,053.87	-14.10	2.72	-14.20	0.08	0.06	-2.56
1,146.00	0.18	213.93	1,145.86	-15.18	2.44	-15.27	1.16	-1.14	23.79
1,239.00	0.22	357.28	1,238.86	-15.12	2.35	-15.21	0.41	0.04	154.14
1,334.00	0.18	187.30	1,333.86	-15.09	2.32	-15.17	0.42	-0.04	-178.93
1,424.00	0.31	177.02	1,423.86	-15.47	2.31	-15.56	0.15	0.14	-11.42
1,516.00	0.40	159.09	1,515.86	-16.02	2.44	-16.11	0.15	0.10	-19.49
1,609.00	0.62	117.69	1,608.86	-16.56	3.00	-16.67	0.45	0.24	-44.52
1,703.00	0.57	106.79	1,702.85	-16.93	3.90	-17.08	0.13	-0.05	-11.60
1,796.00	0.40	121.73	1,795.85	-17.23	4.62	-17.41	0.23	-0.18	16.06
1,890.00	0.66	117.07	1,889.84	-17.65	5.38	-17.86	0.28	0.28	-4.96
1,984.00	0.92	105.56	1,983.84	-18.10	6.59	-18.36	0.32	0.28	-12.24
2,078.00	1.67	111.80	2,077.81	-18.81	8.59	-19.15	0.81	0.80	6.64
2,172.00	2.59	105.82	2,171.75	-19.90	11.90	-20.38	1.01	0.98	-6.36
2,266.00	1.32	133.07	2,265.69	-21.22	14.74	-21.81	1.64	-1.35	28.99
2,361.00	1.19	128.24	2,360.67	-22.58	16.31	-23.23	0.18	-0.14	-5.08
2,455.00	0.44	357.98	2,454.66	-22.82	17.07	-23.51	1.61	-0.80	-138.57
2,550.00	0.84	4.66	2,549.66	-21.76	17.11	-22.45	0.43	0.42	7.03
2,644.00	1.05	57.40	2,643.64	-20.61	17.89	-21.33	0.92	0.22	56.11
2,738.00	1.80	11.96	2,737.62	-18.70	18.92	-19.47	1.38	0.80	-48.34
2,832.00	2.02	16.53	2,831.56	-15.67	19.70	-16.47	0.28	0.23	4.86



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	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)
2,926.00	0.62	89.39	2,925.54	-14.08	20.68	-14.92	2.05	-1.49	77.51
3,021.00	1.19	153.29	3,020.53	-14.95	21.64	-15.84	1.13	0.60	67.26
3,115.00	0.62	262.01	3,114.52	-15.90	21.57	-16.77	1.60	-0.61	115.66
3,210.00	1.32	283.36	3,209.51	-15.71	20.00	-16.53	0.82	0.74	22.47
3,305.00	1.01	269.39	3,304.49	-15.47	18.10	-16.21	0.44	-0.33	-14.71
3,398.00	0.84	267.72	3,397.48	-15.51	16.60	-16.18	0.19	-0.18	-1.80
3,492.00	0.70	272.82	3,491.47	-15.51	15.34	-16.13	0.17	-0.15	5.43
3,586.00	0.66	279.50	3,585.46	-15.39	14.23	-15.96	0.09	-0.04	7.11
3,681.00	0.62	268.33	3,680.46	-15.31	13.17	-15.84	0.14	-0.04	-11.76
3,775.00	0.62	279.67	3,774.45	-15.24	12.16	-15.73	0.13	0.00	12.06
3,869.00	0.57	273.61	3,868.45	-15.13	11.20	-15.58	0.09	-0.05	-6.45
3,963.00	0.53	281.52	3,962.44	-15.01	10.30	-15.42	0.09	-0.04	8.41
4,057.00	1.67	252.51	4,056.42	-15.34	8.57	-15.68	1.31	1.21	-30.86
4,152.00	2.95	249.09	4,151.35	-16.62	4.97	-16.82	1.35	1.35	-3.60
4,246.00	3.21	252.25	4,245.21	-18.29	0.20	-18.28	0.33	0.28	3.36
4,312.00	3.25	250.84	4,311.10	-19.47	-3.33	-19.31	0.13	0.06	-2.14
4,380.00	3.16	252.60	4,379.00	-20.66	-6.93	-20.36	0.20	-0.13	2.59
4,474.00	3.25	253.22	4,472.85	-22.20	-11.96	-21.69	0.10	0.10	0.66
4,569.00	3.16	253.57	4,567.70	-23.72	-17.05	-23.00	0.10	-0.09	0.37
4,663.00	3.08	254.54	4,661.56	-25.13	-21.97	-24.20	0.10	-0.09	1.03
4,758.00	2.99	253.92	4,756.43	-26.49	-26.81	-25.36	0.10	-0.09	-0.65
4,853.00	3.03	252.34	4,851.30	-27.94	-31.58	-26.61	0.10	0.04	-1.66
4,948.00	3.16	254.18	4,946.16	-29.42	-36.49	-27.88	0.17	0.14	1.94
5,043.00	3.34	253.57	5,041.01	-30.91	-41.67	-29.16	0.19	0.19	-0.64
5,137.00	3.38	253.30	5,134.85	-32.49	-46.95	-30.51	0.05	0.04	-0.29
5,231.00	4.53	253.30	5,228.62	-34.35	-53.16	-32.12	1.22	1.22	0.00
5,326.00	4.75	255.15	5,323.31	-36.43	-60.55	-33.90	0.28	0.23	1.95
5,420.00	4.70	257.17	5,416.99	-38.29	-68.07	-35.44	0.18	-0.05	2.15
5,515.00	4.70	255.06	5,511.67	-40.15	-75.62	-36.99	0.18	0.00	-2.22
5,609.00	4.57	248.38	5,605.36	-42.53	-82.83	-39.06	0.59	-0.14	-7.11
5,703.00	4.84	251.02	5,699.05	-45.20	-90.06	-41.43	0.37	0.29	2.81
5,797.00	4.62	250.93	5,792.73	-47.72	-97.39	-43.65	0.23	-0.23	-0.10
5,891.00	4.57	249.35	5,886.42	-50.28	-104.47	-45.91	0.14	-0.05	-1.68
5,986.00	4.84	251.46	5,981.10	-52.89	-111.81	-48.22	0.34	0.28	2.22
6,081.00	4.88	250.84	6,075.76	-55.49	-119.43	-50.50	0.07	0.04	-0.65
6,176.00	5.05	247.59	6,170.41	-58.41	-127.11	-53.10	0.35	0.18	-3.42
6,270.00	5.27	247.15	6,264.03	-61.66	-134.91	-56.03	0.24	0.23	-0.47
6,365.00	5.63	244.96	6,358.60	-65.33	-143.15	-59.35	0.44	0.38	-2.31
6,459.00	5.98	244.16	6,452.11	-69.42	-151.74	-63.08	0.38	0.37	-0.85
6,553.00	6.42	244.25	6,545.56	-73.83	-160.88	-67.11	0.47	0.47	0.10
6,648.00	6.46	243.81	6,639.96	-78.50	-170.46	-71.38	0.07	0.04	-0.46
6,743.00	6.99	241.70	6,734.31	-83.60	-180.34	-76.06	0.62	0.56	-2.22
6,804.00	5.41	254.71	6,794.96	-86.12	-186.39	-78.33	3.45	-2.59	21.33
6,898.00	4.57	257.35	6,888.60	-88.11	-194.31	-79.99	0.93	-0.89	2.81



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	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)
6,992.00	4.22	254.18	6,982.32	-89.87	-201.30	-81.46	0.45	-0.37	-3.37
7,087.00	3.74	252.07	7,077.09	-91.78	-207.61	-83.10	0.53	-0.51	-2.22
7,181.00	4.79	255.85	7,170.83	-93.68	-214.33	-84.73	1.16	1.12	4.02
7,276.00	3.60	253.83	7,265.57	-95.48	-221.04	-86.25	1.26	-1.25	-2.13
7,370.00	4.79	249.17	7,359.32	-97.70	-227.54	-88.19	1.32	1.27	-4.96
7,464.00	4.31	251.55	7,453.03	-100.21	-234.56	-90.41	0.55	-0.51	2.53
7,559.00	4.22	257.35	7,547.76	-102.11	-241.36	-92.03	0.46	-0.09	6.11
7,653.00	3.74	263.15	7,641.54	-103.23	-247.78	-92.88	0.67	-0.51	6.17
7,747.00	4.48	259.19	7,735.29	-104.28	-254.43	-93.66	0.84	0.79	-4.21
7,842.00	4.97	268.16	7,829.97	-105.11	-262.19	-94.17	0.93	0.52	9.44
7,936.00	5.01	255.41	7,923.62	-106.28	-270.23	-95.00	1.18	0.04	-13.56
8,032.00	5.19	250.40	8,019.24	-108.79	-278.37	-97.17	0.50	0.19	-5.22
8,127.00	4.70	249.61	8,113.88	-111.59	-286.07	-99.65	0.52	-0.52	-0.83
8,222.00	4.48	247.15	8,208.58	-114.38	-293.14	-102.15	0.31	-0.23	-2.59
8,315.00	3.87	246.01	8,301.33	-117.07	-299.35	-104.58	0.66	-0.66	-1.23
8,409.00	3.74	240.74	8,395.13	-119.86	-304.93	-107.13	0.40	-0.14	-5.61
8,504.00	3.60	229.31	8,489.93	-123.32	-309.89	-110.38	0.78	-0.15	-12.03
8,598.00	3.65	230.72	8,583.74	-127.13	-314.44	-114.01	0.11	0.05	1.50
8,693.00	3.78	254.97	8,678.55	-129.86	-319.81	-116.51	1.65	0.14	25.53
8,787.00	3.34	249.96	8,772.37	-131.60	-325.37	-118.02	0.57	-0.47	-5.33
8,882.00	2.37	243.46	8,867.25	-133.43	-329.73	-119.66	1.07	-1.02	-6.84
8,977.00	2.90	242.93	8,962.15	-135.40	-333.63	-121.47	0.56	0.56	-0.56
9,071.00	3.03	245.39	9,056.02	-137.52	-338.00	-123.41	0.19	0.14	2.62
9,165.00	2.20	236.25	9,149.93	-139.55	-341.76	-125.29	0.99	-0.88	-9.72
9,260.00	3.91	243.20	9,244.79	-142.03	-346.17	-127.58	1.84	1.80	7.32
9,354.00	4.13	237.40	9,338.56	-145.30	-351.88	-130.60	0.49	0.23	-6.17
9,448.00	3.87	229.84	9,432.33	-149.17	-357.16	-134.25	0.62	-0.28	-8.04
9,542.00	1.54	228.70	9,526.22	-152.05	-360.53	-136.99	2.48	-2.48	-1.21
9,637.00	0.79	234.76	9,621.20	-153.27	-362.03	-138.15	0.80	-0.79	6.38
9,731.00	1.32	337.77	9,715.19	-152.64	-362.97	-137.48	1.79	0.56	109.59
9,826.00	0.92	346.82	9,810.17	-150.88	-363.55	-135.70	0.46	-0.42	9.53
9,920.00	0.62	336.27	9,904.16	-149.68	-363.93	-134.49	0.35	-0.32	-11.22
9,955.00	0.70	324.23	9,939.16	-149.34	-364.13	-134.13	0.46	0.23	-34.40
9,988.00	0.35	322.83	9,972.16	-149.09	-364.31	-133.88	1.06	-1.06	-4.24
10,083.00	8.26	18.99	10,066.82	-142.40	-362.26	-127.28	8.50	8.33	59.12
10,178.00	18.90	17.67	10,159.03	-121.22	-355.35	-106.41	11.20	11.20	-1.39
10,272.00	28.26	11.08	10,245.10	-84.79	-346.43	-70.38	10.33	9.96	-7.01
10,367.00	33.54	358.95	10,326.67	-36.40	-342.58	-22.18	8.57	5.56	-12.77
10,460.00	42.20	356.05	10,400.02	20.56	-345.21	34.84	9.50	9.31	-3.12
10,555.00	49.14	354.29	10,466.37	88.23	-350.99	102.68	7.42	7.31	-1.85
10,649.00	56.44	352.18	10,523.18	162.50	-359.87	177.26	7.97	7.77	-2.24
10,743.00	63.96	355.17	10,569.87	243.51	-368.77	258.57	8.46	8.00	3.18
10,838.00	71.34	0.88	10,605.99	331.22	-371.68	346.32	9.55	7.77	6.01



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	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)
10,932.00	79.65	4.57	10,629.52	422.02	-367.30	436.87	9.62	8.84	3.93
11,026.00	90.73	6.51	10,637.39	515.10	-358.26	529.49	11.96	11.79	2.06
11,121.00	89.32	3.78	10,637.35	609.71	-349.74	623.66	3.23	-1.48	-2.87
11,216.00	90.55	3.87	10,637.46	704.49	-343.40	718.11	1.30	1.29	0.09
11,311.00	90.95	2.55	10,636.22	799.34	-338.08	812.65	1.45	0.42	-1.39
11,405.00	90.46	4.22	10,635.06	893.16	-332.53	906.16	1.85	-0.52	1.78
11,499.00	89.63	1.41	10,634.99	987.04	-327.92	999.77	3.12	-0.88	-2.99
11,593.00	90.77	2.20	10,634.66	1,080.99	-324.96	1,093.51	1.48	1.21	0.84
11,688.00	90.15	1.50	10,633.89	1,175.93	-321.89	1,188.25	0.98	-0.65	-0.74
11,783.00	90.64	0.62	10,633.24	1,270.91	-320.13	1,283.08	1.06	0.52	-0.93
11,878.00	90.68	0.44	10,632.15	1,365.90	-319.26	1,377.95	0.19	0.04	-0.19
11,972.00	90.64	359.92	10,631.06	1,459.90	-318.96	1,471.85	0.55	-0.04	-0.55
12,067.00	90.55	357.54	10,630.08	1,554.86	-321.07	1,566.82	2.51	-0.09	-2.51
12,161.00	91.34	0.62	10,628.53	1,648.82	-322.57	1,660.77	3.38	0.84	3.28
12,257.00	91.47	0.18	10,626.17	1,744.79	-321.90	1,756.62	0.48	0.14	-0.46
12,351.00	91.16	359.74	10,624.01	1,838.77	-321.97	1,850.52	0.57	-0.33	-0.47
12,446.00	90.02	359.74	10,623.04	1,933.76	-322.40	1,945.45	1.20	-1.20	0.00
12,540.00	89.58	359.92	10,623.36	2,027.76	-322.68	2,039.38	0.51	-0.47	0.19
12,634.00	89.45	0.09	10,624.16	2,121.76	-322.67	2,133.29	0.23	-0.14	0.18
12,729.00	89.58	359.92	10,624.96	2,216.75	-322.66	2,228.21	0.23	0.14	-0.18
12,823.00	89.58	358.95	10,625.65	2,310.74	-323.59	2,322.16	1.03	0.00	-1.03
12,918.00	89.49	359.65	10,626.42	2,405.73	-324.75	2,417.12	0.74	-0.09	0.74
13,012.00	89.85	359.74	10,626.97	2,499.73	-325.25	2,511.05	0.39	0.38	0.10
13,107.00	89.71	359.92	10,627.33	2,594.73	-325.53	2,605.98	0.24	-0.15	0.19
13,201.00	89.54	359.65	10,627.95	2,688.73	-325.89	2,699.91	0.34	-0.18	-0.29
13,297.00	89.41	0.27	10,628.83	2,784.72	-325.95	2,795.83	0.66	-0.14	0.65
13,391.00	89.58	0.27	10,629.65	2,878.72	-325.51	2,889.72	0.18	0.18	0.00
13,485.00	89.49	358.95	10,630.42	2,972.71	-326.15	2,983.66	1.41	-0.10	-1.40
13,580.00	89.89	0.53	10,630.93	3,067.70	-326.58	3,078.59	1.72	0.42	1.66
13,675.00	89.71	359.74	10,631.26	3,162.70	-326.36	3,173.50	0.85	-0.19	-0.83
13,770.00	89.85	2.64	10,631.63	3,257.67	-324.38	3,268.31	3.06	0.15	3.05
13,864.00	89.49	359.30	10,632.17	3,351.64	-322.79	3,362.13	3.57	-0.38	-3.55
13,959.00	89.67	357.81	10,632.86	3,446.61	-325.19	3,457.11	1.58	0.19	-1.57
14,054.00	89.71	0.09	10,633.38	3,541.58	-326.93	3,552.08	2.40	0.04	2.40
14,148.00	89.54	0.53	10,633.99	3,635.58	-326.42	3,645.98	0.50	-0.18	0.47
14,242.00	89.45	0.36	10,634.82	3,729.57	-325.69	3,739.86	0.20	-0.10	-0.18
14,337.00	89.76	358.60	10,635.48	3,824.56	-326.55	3,834.80	1.88	0.33	-1.85
14,435.00	89.71	0.27	10,635.93	3,922.55	-327.52	3,932.75	1.70	-0.05	1.70
14,530.00	89.54	0.97	10,636.55	4,017.55	-326.49	4,027.62	0.76	-0.18	0.74
14,625.00	89.71	1.59	10,637.17	4,112.52	-324.37	4,122.42	0.68	0.18	0.65
14,720.00	90.20	0.80	10,637.25	4,207.50	-322.39	4,217.24	0.98	0.52	-0.83
14,815.00	89.80	0.71	10,637.25	4,302.49	-321.14	4,312.10	0.43	-0.42	-0.09
14,910.00	89.67	357.46	10,637.69	4,397.46	-322.65	4,407.05	3.42	-0.14	-3.42



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	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)
15,004.00	90.02	357.81	10,637.94	4,491.38	-326.53	4,501.05	0.53	0.37	0.37
15,099.00	89.85	358.69	10,638.05	4,586.34	-329.43	4,596.04	0.94	-0.18	0.93
15,194.00	89.98	357.98	10,638.19	4,681.30	-332.19	4,691.04	0.76	0.14	-0.75
15,289.00	90.02	358.69	10,638.19	4,776.26	-334.95	4,786.03	0.75	0.04	0.75
15,383.00	88.84	357.46	10,639.13	4,870.19	-338.11	4,880.02	1.81	-1.26	-1.31
15,478.00	90.02	0.18	10,640.07	4,965.16	-340.07	4,974.98	3.12	1.24	2.86
15,573.00	89.85	0.97	10,640.18	5,060.15	-339.11	5,069.85	0.85	-0.18	0.83
15,668.00	90.29	2.11	10,640.06	5,155.12	-336.56	5,164.63	1.29	0.46	1.20
15,762.00	90.24	0.71	10,639.63	5,249.09	-334.25	5,258.42	1.49	-0.05	-1.49
15,857.00	89.98	0.97	10,639.45	5,344.07	-332.85	5,353.27	0.39	-0.27	0.27
15,952.00	89.89	359.65	10,639.55	5,439.07	-332.34	5,448.17	1.39	-0.09	-1.39
16,046.00	90.59	1.06	10,639.16	5,533.07	-331.76	5,542.06	1.67	0.74	1.50
16,141.00	89.63	1.06	10,638.98	5,628.05	-330.00	5,636.88	1.01	-1.01	0.00
16,235.00	89.58	0.09	10,639.63	5,722.04	-329.06	5,730.76	1.03	-0.05	-1.03
16,329.00	90.02	0.36	10,639.95	5,816.04	-328.69	5,824.66	0.55	0.47	0.29
16,423.00	89.85	359.39	10,640.06	5,910.04	-328.89	5,918.59	1.05	-0.18	-1.03
16,518.00	90.33	0.00	10,639.91	6,005.03	-329.40	6,013.52	0.82	0.51	0.64
16,613.00	92.18	359.30	10,637.83	6,100.01	-329.98	6,108.44	2.08	1.95	-0.74
16,708.00	93.89	359.83	10,632.80	6,194.87	-330.70	6,203.25	1.88	1.80	0.56
16,793.00	94.46	0.00	10,626.61	6,279.64	-330.83	6,287.95	0.70	0.67	0.20
16,893.00	88.26	359.39	10,624.24	6,379.56	-331.36	6,387.81	6.23	-6.20	-0.61
16,988.00	88.35	0.00	10,627.05	6,474.52	-331.86	6,482.71	0.65	0.09	0.64
17,082.00	88.66	0.36	10,629.50	6,568.48	-331.57	6,576.58	0.51	0.33	0.38
17,177.00	88.48	0.44	10,631.87	6,663.45	-330.91	6,671.44	0.21	-0.19	0.08
17,271.00	88.70	0.00	10,634.19	6,757.42	-330.54	6,765.31	0.52	0.23	-0.47
17,366.00	88.88	359.83	10,636.19	6,852.40	-330.69	6,860.22	0.26	0.19	-0.18
17,460.00	88.53	359.30	10,638.32	6,946.37	-331.40	6,954.14	0.68	-0.37	-0.56
17,555.00	88.66	359.30	10,640.65	7,041.34	-332.56	7,049.07	0.14	0.14	0.00
17,649.00	88.44	359.30	10,643.03	7,135.30	-333.71	7,143.00	0.23	-0.23	0.00
17,744.00	89.01	0.62	10,645.14	7,230.28	-333.77	7,237.90	1.51	0.60	1.39
17,839.00	88.44	0.09	10,647.25	7,325.25	-333.18	7,332.76	0.82	-0.60	-0.56
17,934.00	89.49	0.71	10,648.97	7,420.23	-332.52	7,427.63	1.28	1.11	0.65
18,028.00	89.71	1.50	10,649.63	7,514.21	-330.71	7,521.46	0.87	0.23	0.84
18,123.00	89.63	0.27	10,650.17	7,609.19	-329.24	7,616.30	1.30	-0.08	-1.29
18,218.00	88.57	359.65	10,651.67	7,704.18	-329.31	7,711.21	1.29	-1.12	-0.65
18,256.00	88.26	359.48	10,652.72	7,742.17	-329.60	7,749.17	0.93	-0.82	-0.45
Last Survey									
18,288.00	88.26	359.48	10,653.69	7,774.15	-329.89	7,781.14	0.00	0.00	0.00
PTB @ 18288'									



Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Coordinate Reference:	Well Fuller 13/12 W1FC Fed Com 2H
Project:	Eddy Co., NM (NAD 83)	TVD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Site:	Fuller Pad	MD Reference:	KB=28 @ 3030.00usft (Patterson 562)
Well:	Fuller 13/12 W1FC Fed Com 2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
992.00	991.89	-12.82	3.01	First AEP Survey
18,256.00	10,652.72	7,742.17	-329.60	Last Survey
18,288.00	10,653.69	7,774.15	-329.89	PTB @ 18288'

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-46411		
Operator Name: Mewbourne Oil Co.	Property Name: Fuller 13/12 W1FC Fed Com	Well Number 2H

Kick Off Point (KOP)

UL K	Section 13	Township 26S	Range 29E	Lot	Feet 2477	From N/S S	Feet 2137	From E/W W	County Eddy
Latitude 32.0415827					Longitude -103.9386503			NAD 83	

First Take Point (FTP)

UL F	Section 13	Township 26S	Range 29E	Lot	Feet 2334	From N/S N	Feet 2133	From E/W W	County Eddy
Latitude 32.0430625					Longitude -103.9386620			NAD 83	

Last Take Point (LTP)

UL C	Section 12	Township 26S	Range 29E	Lot	Feet 374	From N/S N	Feet 2177	From E/W W	County Eddy
Latitude 32.0632061					Longitude -103.9384481			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ NIs this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-46390		
Operator Name: Mewbourne Oil Co.	Property Name: Fuller 13/12 W1FC Fed Com	Well Number 1H

KZ 06/29/2018



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

03/18/2021

Well Name: FULLER 13/12 W1FC FED COM	Well Location: T26S / R29E / SEC 13 / NESW / 32.0419889 / -103.9374762	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061497, NMLC061497	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546411	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 03/11/2021

Time Sundry Submitted: 02:34

Date Operation Actually Began: 01/11/2021

Actual Procedure: Frac horizontal Wolfcamp from 10898' MD to 18231' MD w/18,976,020 gals Slickwater, carrying 17,557,070# local 100 mesh sand. Flowback well for cleanup. 01/28/2021 Drill out frac plugs to PBTD @ 18246'. 02/04/2021 RIH w/3 1/2" 9.3# L80 IPC tbg & GLVs to 9711'. 02/11/2021 PWOL. FORMATION TOPS: Rustler 678', T/salt 1237', Castile 1682', B/salt 3010', Delaware Lamar 3200', Bell Canyon 3229', Cherry Canyon 4134', Manzanita 4310', Brushy Canyon 5352', Bone Spring 6994', 1st Bone Spring 7909', 2nd Bone Spring 8540', 3rd Bone Spring 9781', Wolfcamp 10208'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4.

Well Name: FULLER 13/12 W1FC FED COM	Well Location: T26S / R29E / SEC 13 / NESW / 32.0419889 / -103.9374762	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061497, NMLC061497	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546411	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BISHOP**Signed on:** MAR 11, 2021 02:34 PM**Name:** MEWBOURNE OIL COMPANY**Title:** Regulatory**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Phone:** (575) 393-5905**Email address:****Field Representative****Representative Name:** Jackie Lathan**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Zip:** 88241**Phone:** (575)393-5905**Email address:** jlathan@mewbourne.com**BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Phone:** 5752345972**Disposition:** Accepted**Signature:** Jonathon Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Email Address:** jshepard@blm.gov**Disposition Date:** 03/18/2021



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print Report

03/19/2021

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Section 1 - General

Well Completion Report Id: 46251

Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office

User: Bradley Bishop

Title: Regulatory

Federal/Indian: FEDERAL

Lease Number: NMLC0061497

Lease Acres: 640

Agreement in place?: NO

Federal or Indian Agreement:

Agreement Number:

Agreement Name:

Keep this Well Completion Report confidential?: YES

APD Operator: MEWBOURNE OIL
COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool

Pool Name: PURPLE SAGE WOLFCAMP

Field Name: WELCH

Well Type: OIL WELL

Spud Date: 09-07-2020

Date Total Measured Depth Reached: 09-26-2020

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
UNKNOWN	ANHYDRITE		3028	27	27	NONE	
RUSTLER	ANHYDRITE, DOLOMITE		2448	580	580	USEABLE WATER	

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
SALADO	SALT		1648	1380	1380	NONE	
CASTILE	SALT		1418	1610	1610	NONE	
BASE OF SALT	SALT		108	2920	2920	NONE	
LAMAR	LIMESTONE		-82	3110	3110	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-117	3145	3145	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-992	4020	4020	NATURAL GAS, OIL	
MANZANITA	ANHYDRITE		-1172	4200	4200	NONE	
BRUSHY CANYON	SANDSTONE		-2282	5310	5310	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHALE		-3877	6905	6905	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-4812	7840	7840	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-5437	8465	8465	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-6747	9775	9775	NATURAL GAS, OIL	
WOLFCAMP	LIMESTONE, SANDSTONE, SHALE		-7102	10130	10130	NATURAL GAS, OIL	

Completion and Completed Intervals

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMLC061497	NMLC061497	NEW		DRG	01-20-2021	02-11-2021	WOLFCA MP	10898	18231	Y	.05	2196	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	451810		18976020 gals slickwater, carrying 17557070# local 100 mesh sand.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1			GAS LIFT		SOLD	

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	02/19/2021	24	1583	5190	4932	3278	36/64	2150		245

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0419889	-103.9374762	3028	FEDERAL	NMLC061497				2610	FSL	2505	FWL	26S	29E	13	NESW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0415827	-103.9386503	-6944	FEDERAL	NMLC061497				2477	FSL	2137	FWL	26S	29E	13	NESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0568606	-103.9384853	-7611	FEDERAL	NMNM11039				2682	FNL	2173	FWL	26S	29E	12	SENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0494863	-103.9384957	-7599	FEDERAL	NMLC071066				0	FSL	2178	FWL	26S	29E	12	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0430625	-103.938662	-7593	FEDERAL	NMLC061497				2334	FNL	2133	FWL	26S	29E	13	SENW

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lo/Tract
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0632061	-103.9384481	-7624	FEDERAL	NMNM 11039				374	FNL	2177	FWL	26S	29E	12	NENW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.0633626	-103.938449	-7626	FEDERAL	NMNM 11039				317	FNL	2177	FWL	26S	29E	12	NENW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	880	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	4355	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	9942	7.625	39	HCP-110		OTHER	LFJ	

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
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Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	LINER	6.125	9763	18287	4.5	13.5	HCP-110		OTHER	CDC-HTQ	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class C	607	1.74	0					786.3
00	SURFACE		Class C	584	1.74	713	Class C	200	1.35		786.3
00	INTERMEDIATE		Premium Plus C	600	2.2	0	Premium Plus C	100	1.33		710.3
00	INTERMEDIATE		Premium Plus C	125	2.2	3145	Premium Plus C	200	1.33		710.3
00	PRODUCTION	4200	Midcon Lite	175	3.31	1000	Class H	400	1.18		187.2
00	LINER		Class Lite H	630	2.97	9763				925	333.2

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
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Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	3.5		9711	9696	9	L-80		OTHER	EUE

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	YES	YES

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MEWBOURNE OIL COMPANY

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 03/18/2021

Street Address: P O BOX 5270

City: HOBBS

State: NM

Zip: 88241

Phone: (505)393-5905

Email address:

Field Representative

Representative Name: Jackie Lathan

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88241

Phone: (575)393-5905

Extension:

Email address: jlathan@mewbourne.com

Attachments

20210311152249_20210311142341.pdf

Fuller_13_12_W1FC_Fed_Com_2H_5in_MD_20210311142422.pdf

Fuller_13_12_W1FC_Fed_Com_2H_WB_Diagram_20210317151058.xlsx

Fuller_13_12_W1FC_Fed_Com_2H_2.5in_MD_20210318070027.pdf

Fuller_13_12_W1FC_Fed_Com_2H_2.5in_TVD_20210318070038.pdf

Operator Name MEWBOURNE OIL COMPANY SHL NESW Sec 13 26S 29E	Well Name FULLER 13/12 W1FC FED COM	Well Number 2H	US Well Number 3001546411
	County EDDY	State NM	Lease Number(s) NMLC0061497, NMLC061497, NMLC061497
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FULLER 13/12 FC & GB WELLS	Well Pad Number 4	ID 10400036505

Fuller_13_12_W1FC_Fed_Com_2H_5in_MD_20210318070050.pdf

Fuller_13_12_W1FC_Fed_Com_2H_5in_TVD_20210318070104.pdf

Mewbourne Oil Company

Well Name: Fuller 13/12 W1FC Fed Com #2H

Updated by: Andy Taylor

Spud Date: 9/7/2020

Date Updated: 3/17/2021

Surface

17 1/2" x 13 3/4" 54,5# J55
Set @ 880'
Cmt w/ 1391 sx
Circ. 32 sx to pit

Intermediate

12 1/4" x 9 3/4" 40# HCL80
Set @ 4355'
Cmt Stg 1 w/ 325 sx
ECP/DV Tool @ 3145'
Cmt Stg 2 w/ 700 sx
Circ. 35 sx to pit

Production

8 3/4" x 7 5/8" 39# HCP110 FJ
Set @ 9942'
Cmt w/ 575 sx
TOC @ 1000' (Calc)

Liner

6 1/8" x 4 1/2" HCP110
Set @ 9763' - 18,287'

TBG Detail:

1	3 1/2" Put It w/ Collar	6.00'
1	3 1/2" x 7" AS 1X Pkr	9.25'
1	3 1/2" 9.3# L80 IPC tbg	29.90'
1	3 1/2" L80 IPC GLV #1	4.10'
1	3 1/2" SN & Collar	1.10'
19	3 1/2" 9.3# L80 IPC tbg	627.33'
1	3 1/2" L80 IPC GLV #2	4.10'
20	3 1/2" 9.3# L80 IPC tbg	658.57'
1	3 1/2" L80 IPC GLV #3	4.10'
19	3 1/2" 9.3# L80 IPC tbg	622.42'
1	3 1/2" L80 IPC GLV #4	4.10'
20	3 1/2" 9.3# L80 IPC tbg	661.78'
1	3 1/2" L80 IPC GLV #5	4.10'
20	3 1/2" 9.3# L80 IPC tbg	661.78'
1	3 1/2" L80 IPC GLV #6	4.10'
22	3 1/2" 9.3# L80 IPC tbg	727.89'
1	3 1/2" L80 IPC GLV #7	4.10'
21	3 1/2" 9.3# L80 IPC tbg	694.91'
1	3 1/2" L80 IPC GLV #8	4.10'
23	3 1/2" 9.3# L80 IPC tbg	761.41'
1	3 1/2" L80 IPC GLV #9	4.10'
23	3 1/2" 9.3# L80 IPC tbg	761.07'
1	3 1/2" L80 IPC GLV #10	4.10'
24	3 1/2" 9.3# L80 IPC tbg	794.10'
1	3 1/2" L80 IPC GLV #11	4.10'
25	3 1/2" 9.3# L80 IPC tbg	827.24'
1	3 1/2" L80 IPC GLV #12	4.10'
53	3 1/2" 9.3# L80 IPC tbg	1747.11'
1	3 1/2" 9.3# L80 IPC sub	8.00'
1	3 1/2" 9.3# L80 IPC tbg	33.07'
Total tbg		9682.13'
KB Correction		28.50'
Tbg set @		9710.63'

KOP @ 9800'
Dev @ KOP: 2.73°

TVD @ 10,654'
TD 6 1/8" hole @ 18,288'

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 21331

CONDITIONS OF APPROVAL

Operator:	MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	21331	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None