

CASE NO. 23445

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, ETC.
EDDY COUNTY, NEW MEXICO**

EXHIBIT LIST

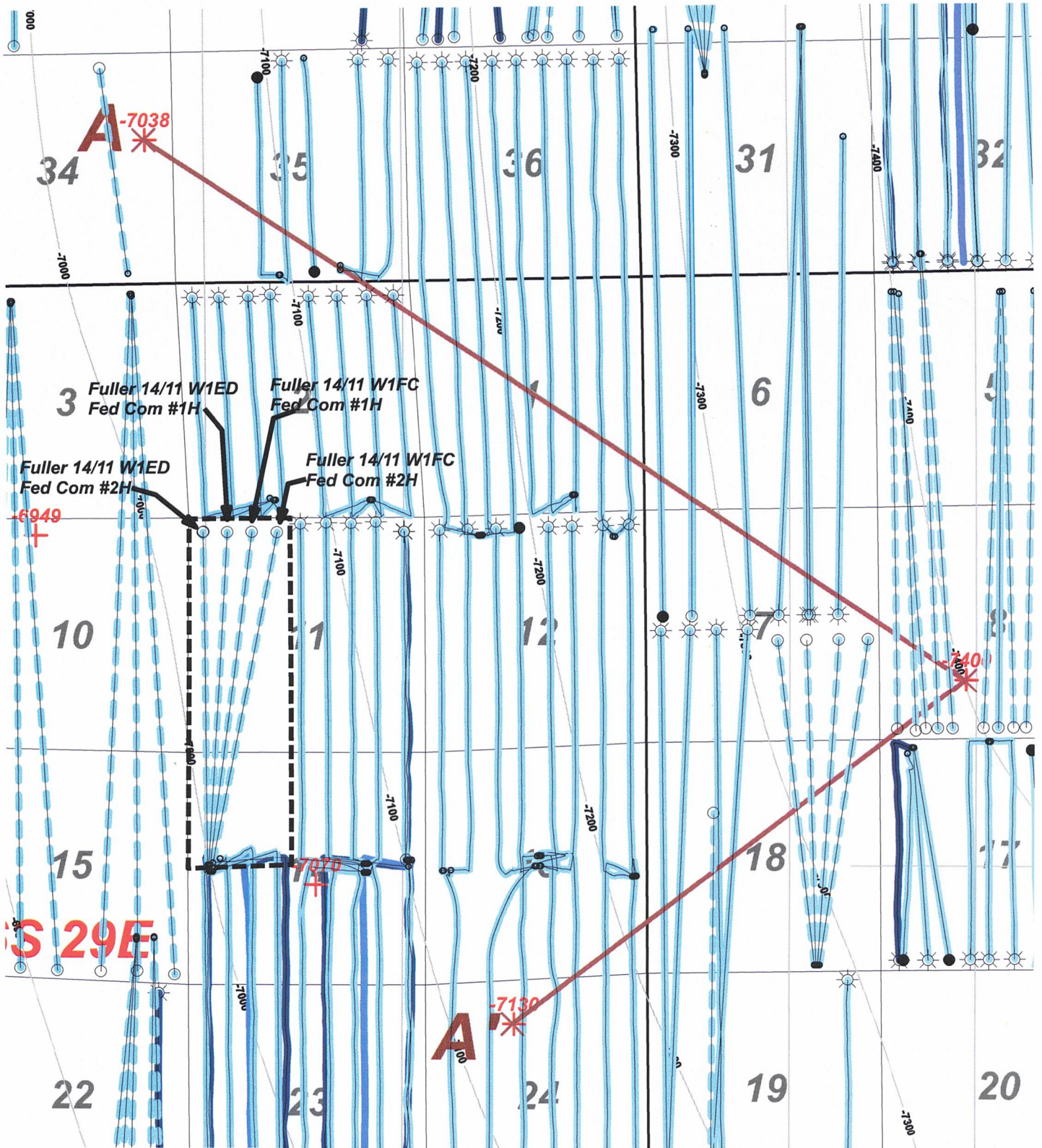
1. Application and Proposed Notice
2. Landman's Affidavit
3. Geologist's Affidavit
4. Affidavits of Mailing
5. Publication Affidavit
6. Pooling Checklist

PART II

6. Attachment D is the Survey Calculation Report for the wells: Fuller 14/11 W1ED Fed Com #1H, #2H, Fuller 14/11 W1FC Fed Com #1H, #2H. The producing interval of the proposed well will be orthodox. The pool code is Purple Sage Wolfcamp (98220).

3/23/23
Date

Tylee Hill
Tylee Hill



ATTACHMENT



Wolfcamp Horizontal Activity

- WFMP Sand
- Wolfcamp A Shale
- Wolfcamp B Shale
- Wolfcamp C Shale
- Wolfcamp D Shale

Proposed:

Drilled:



MOC Mewbourne Oil Company

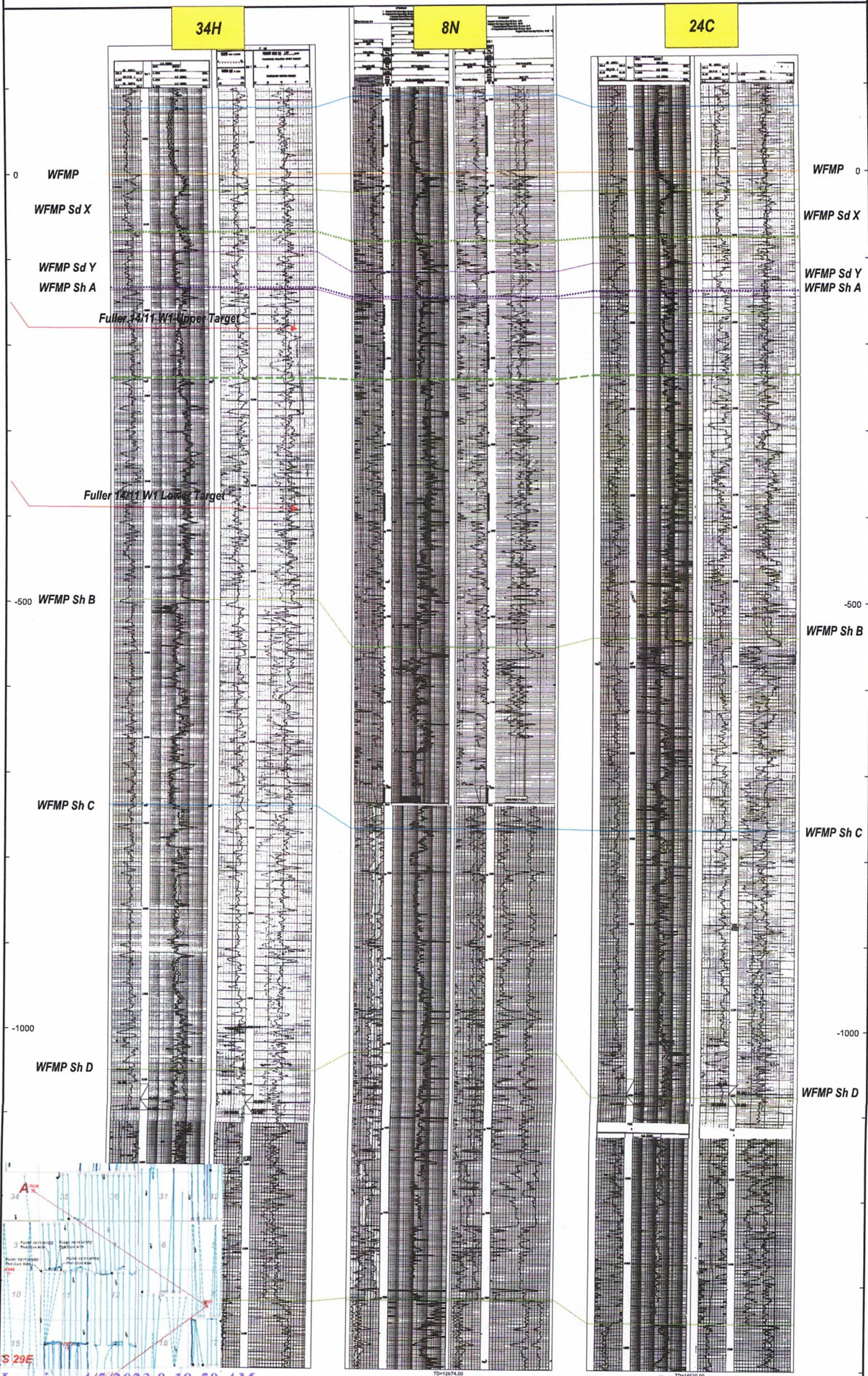
*Fuller 14/11 W1ED,FC Fed Com #1H, #2H
Horizontal Activity Map
Structure top WFMP (C.I. 100')*

Author: T. Hill	County: Eddy	Date: 23 March, 2023
Scale: 1.0"=4500'		

TWP: 28 S - Range: 29 E - Sec: 24

STG ENERGY INC
WELLS: 9 FEDERAL 2
1347 FUL/1863 FWL
Date: 04/04/2023
Reference: K3
TWP: 28 S - Range: 30 E - Sec: 8

FULLER PETROLEUM INC
WELLS: 2024 FED 13
1863 FUL/1863 FWL
Date: 04/04/2023
Reference: K3
TWP: 28 S - Range: 29 E - Sec: 24



ATTACHMENT B

ATTACHMENT

Fuller 14/11 Wolfcamp Area Production

Primary API	Lease Name	Well Num	Operator Name	Location	Field Name	Oil Cum(mbo)	Gas Cum(mbcf)	Wtr Cum(mbbw)	First Prod Date	Orientation
30015410890000	RDY FEDERAL 17	016H	WPX ENERGY PERMIAN LLC	265 30E 17D NW NW	PURPLE SAGE	103.0	0.5	525.7	2015-05-01	Standup
30015463900000	FULLER 13 12 W1FC FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13K SW	PURPLE SAGE	314.4	1.2	1121.0	2021-02-01	Standup
30015434720000	ROSS DRAW 25 COM	002H	XTO ENERGY INC	265 29E 25D	PURPLE SAGE	259.6	1.2	996.0	2017-06-01	Standup
30015435160000	FULLER 13 12 W1ED FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13L SW	PURPLE SAGE	369.4	1.4	1396.9	2020-02-01	Standup
30015435170000	FULLER 13 24 W1LM FEDERAL COM	003H	MEWBOURNE OIL CO	265 29E 13L SW	PURPLE SAGE	61.6	2.7	1386.0	2016-08-01	Standup
30015435440000	RDY FEDERAL COM 17	037H	WPX ENERGY PERMIAN LLC	265 30E 17D	PURPLE SAGE	261.0	1.4	1166.4	2018-02-01	Standup
30015435460000	RDY FEDERAL COM 17	038H	WPX ENERGY PERMIAN LLC	265 30E 17D NW	PURPLE SAGE	208.7	1.4	713.8	2018-05-01	Standup
30015439140000	BUFFALO TRACE 1 36 W1PA FEDERAL COM	001H	MEWBOURNE OIL CO	265 30E 12A NE	PURPLE SAGE	463.8	1.5	2320.5	2019-05-01	Standup
30015440400000	RDY FEDERAL COM 17	045H	WPX ENERGY PERMIAN LLC	265 30E 17C NE NW	PURPLE SAGE	274.9	1.1	922.5	2018-02-01	Standup
30015440409000	RDY FEDERAL COM 17	044H	WPX ENERGY PERMIAN LLC	265 30E 17C NE NW	PURPLE SAGE	197.5	1.2	755.8	2018-02-01	Standup
30015441400000	RDY FEDERAL COM 17	046H	WPX ENERGY PERMIAN LLC	265 30E 17C NE NW	PURPLE SAGE	176.6	1.3	643.7	2018-03-01	Standup
30015444460000	ROSS DRAW 3031 FEDERAL COM	001H	XTO ENERGY INC	265 30E 31E	PURPLE SAGE	444.6	2.2	1091.4	2018-10-01	Standup
30015444470000	FULLER 13 12 W1ED FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13L SW	PURPLE SAGE	386.0	1.3	1790.6	2020-02-01	Standup
30015444500000	FULLER 14 11 W1HA FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 14H NE	PURPLE SAGE	508.6	2.0	1921.9	2018-06-01	Standup
30015444510000	FULLER 14 23 W1JP FEDERAL	001H	MEWBOURNE OIL CO	265 29E 14H NE	PURPLE SAGE	521.4	2.5	1575.8	2018-06-01	Standup
30015453280000	ROSS DRAW 31 FEDERAL W/L COM	006H	XTO ENERGY INC	265 30E 31H NE	PURPLE SAGE	568.8	3.0	2272.7	2018-11-01	Standup
30015453290000	FULLER 13 24 W1JO FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13G NE	PURPLE SAGE	417.7	2.0	1124.4	2019-09-01	Standup
30015453300000	FULLER 13 24 W1JO FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13G NE	PURPLE SAGE	461.3	1.8	1678.4	2019-09-01	Standup
30015453330000	FULLER 13 24 W1KN FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13G NE	PURPLE SAGE	345.3	1.3	1376.7	2019-09-01	Standup
300154533310000	FULLER 13 24 W1KN FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13G NE	PURPLE SAGE	422.7	1.9	1022.5	2019-09-01	Standup
30015455560000	BUFFALO TRACE 1 36 W1PA FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 12A NE	PURPLE SAGE	514.7	1.8	2215.0	2019-05-01	Standup
30015455890000	ROSS DRAW 25 36 FEDERAL COM	122H	XTO ENERGY INC	265 29E 24M SW	PURPLE SAGE	255.2	1.6	559.5	2019-12-29	Standup
30015455960000	ROSS DRAW 25 36 FEDERAL COM	123H	XTO ENERGY INC	265 29E 25C NW	PURPLE SAGE	279.8	1.5	544.1	2020-01-18	Standup
30015463910000	FULLER 13 12 W1GB FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13I SE	PURPLE SAGE	303.7	1.2	865.0	2021-02-01	Standup
30015464080000	FULLER 13 12 W1HA FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13I SE	PURPLE SAGE	269.0	1.4	1289.8	2020-04-01	Standup
30015464090000	FULLER 13 24 W1JP FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13I SE	PURPLE SAGE	291.6	1.3	1525.3	2020-04-01	Standup
30015464100000	FULLER 13 12 W1FC FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13I SE	PURPLE SAGE	341.2	1.4	1528.5	2020-04-01	Standup
30015464110000	FULLER 13 12 W1FC FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13K SW	PURPLE SAGE	323.8	1.6	1012.2	2021-02-01	Standup
30015464180000	FULLER 13 24 W1JP FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 13I SE	PURPLE SAGE	313.1	1.6	1244.0	2020-04-01	Standup
30015467710000	BUFFALO TRACE 1 36 W1NC FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 10 SE	PURPLE SAGE	371.4	1.5	1209.4	2021-01-01	Standup
30015467740000	BUFFALO TRACE 1 36 W1OB FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 10 SE	PURPLE SAGE	308.8	1.3	1483.3	2021-01-01	Standup
30015468000000	BUFFALO TRACE 1 36 W1OB FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 10 SE	PURPLE SAGE	159.8	1.0	923.3	2021-01-01	Standup
30015470350000	BUFFALO TRACE 1 36 W1OB FEDERAL COM	002H	TAP ROCK OPERATING LLC	265 29E 27C NW	PURPLE SAGE	973.7	1.6	973.7	2020-09-11	Standup
30015470390000	W1G FEDERAL COM	217H	TAP ROCK OPERATING LLC	265 29E 27C NW	PURPLE SAGE	308.9	1.2	1111.9	2021-02-01	Standup
30015475160000	FULLER 13 12 W1GB FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 13I SE	PURPLE SAGE	279.9	1.1	1096.3	2021-02-01	Standup
30015478660000	BUFFALO TRACE 1 36 W1MD FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 12D NW	PURPLE SAGE	301.7	1.3	825.2	2021-09-01	Standup
30015478790000	BUFFALO TRACE 1 36 W1MD FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 12D NW	PURPLE SAGE	241.9	1.0	1043.2	2021-09-01	Standup
30015481020000	BUFFALO TRACE 1 36 W1NC FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 12C NW	PURPLE SAGE	272.4	1.2	838.8	2021-09-01	Standup
30015486080000	CASAMIGOS 2 W1OB STATE COM	001H	MEWBOURNE OIL CO	265 29E 2P	PURPLE SAGE	143.9	0.5	448.0	2022-02-01	Standup
30015486090000	CASAMIGOS 2 W1OB STATE COM	002H	MEWBOURNE OIL CO	265 29E 2P	PURPLE SAGE	151.5	0.5	547.8	2022-02-01	Standup
30015486100000	CASAMIGOS 2 W1PA STATE COM	001H	MEWBOURNE OIL CO	265 29E 2P	PURPLE SAGE	146.5	0.6	437.4	2022-02-01	Standup
30015451570000	BRUSHY DRAW 30 FEDERAL	901H	XTO PERMIAN OPERATING LLC	265 29E 2P	PURPLE SAGE	142.8	0.5	484.0	2022-02-01	Standup
30015451880000	BRUSHY DRAW 30 FEDERAL	106H	XTO PERMIAN OPERATING LLC	265 29E 2P	PURPLE SAGE	278.5	1.3	1109.4	2022-02-01	Standup
30015451920000	BRUSHY DRAW 30 FEDERAL	125H	XTO PERMIAN OPERATING LLC	255 30E 30M SW	CORRAL CANYON SOUTH	255.0	1.1	927.5	2022-02-01	Standup
30015451930000	BRUSHY DRAW 30 FEDERAL	126H	XTO PERMIAN OPERATING LLC	255 30E 300 SE	PURPLE SAGE	232.5	1.1	698.2	2022-02-01	Standup
30015451980000	BRUSHY DRAW 31 FEDERAL	127H	XTO PERMIAN OPERATING LLC	255 30E 300 SE	PURPLE SAGE	233.2	0.9	817.3	2022-02-01	Standup
30015451870000	BRUSHY DRAW 30 FEDERAL	104H	XTO PERMIAN OPERATING LLC	265 30E 31H NE	PURPLE SAGE	240.1	1.2	0.0	2022-02-01	Standup
30015465610000	TAR HEEL 19 18 7 FEDERAL COM	002H	CIMAREX ENERGY CO	255 30E 30N SW	PURPLE SAGE	320.9	1.4	741.2	2022-03-01	Standup
30015465620000	TAR HEEL 19 18 7 FEDERAL COM	003H	CIMAREX ENERGY CO	265 30E 19M SW	PURPLE SAGE	252.4	1.0	1204.8	2022-03-01	Standup
30015465680000	TAR HEEL 19 18 7 FEDERAL COM	018H	CIMAREX ENERGY CO	265 30E 19M SW	PURPLE SAGE	302.7	1.5	997.5	2022-03-01	Standup
30015465700000	TAR HEEL 19 18 7 FEDERAL COM	019H	CIMAREX ENERGY CO	265 30E 19M SW	PURPLE SAGE	279.0	1.2	1059.4	2022-04-01	Standup
30015470410000	W1G FEDERAL COM	123H	TAP ROCK OPERATING LLC	265 30E 17C NE NW	PURPLE SAGE	325.6	1.6	844.5	2022-04-01	Standup
30015492220000	CASAMIGOS 2 W1MD STATE COM	001H	MEWBOURNE OIL CO	265 29E 27A NE	WILDCAT	128.3	0.3	328.3	2022-02-16	Standup
30015492320000	CASAMIGOS 2 W1MD STATE COM	002H	MEWBOURNE OIL CO	265 29E 2N	PURPLE SAGE	100.6	0.3	267.2	2022-08-01	Standup
30015492340000	CASAMIGOS 2 W1NC STATE COM	001H	MEWBOURNE OIL CO	265 29E 2N	PURPLE SAGE	96.1	0.4	356.3	2022-08-01	Standup
30015492350000	CASAMIGOS 2 W1NC STATE COM	002H	MEWBOURNE OIL CO	265 29E 2N	PURPLE SAGE	94.8	0.4	264.4	2022-08-01	Standup
30015493160000	FULLER 14 23 W1JP FEDERAL	002H	MEWBOURNE OIL CO	265 29E 2N	PURPLE SAGE	79.7	0.3	332.5	2022-08-01	Standup
30015493260000	FULLER 14 23 W1KN FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 14H NE	PURPLE SAGE	101.6	0.4	348.5	2022-09-01	Standup
30015493270000	FULLER 14 23 W1JO FEDERAL COM	003H	MEWBOURNE OIL CO	265 29E 14G NE	PURPLE SAGE	98.2	0.4	332.3	2022-09-01	Standup
30015493280000	FULLER 14 23 W1JO FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 14G NE	PURPLE SAGE	118.2	0.5	251.5	2022-09-01	Standup
30015493170000	FULLER 14 11 W1HA FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 14G NE	PURPLE SAGE	92.5	0.3	337.5	2022-09-01	Standup
30015493180000	FULLER 14 11 W1FC FEDERAL COM	003H	MEWBOURNE OIL CO	265 29E 14I SE	PURPLE SAGE	62.1	0.2	336.3	2022-10-01	Standup
30015493190000	FULLER 14 11 W1GB FEDERAL COM	001H	MEWBOURNE OIL CO	265 29E 14I SE	PURPLE SAGE	113.5	0.4	291.4	2022-10-01	Standup
30015493200000	FULLER 14 11 W1GB FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 14I SE	PURPLE SAGE	82.4	0.3	265.3	2022-10-01	Standup
30015493210000	FULLER 14 11 W1GB FEDERAL COM	002H	MEWBOURNE OIL CO	265 29E 14I SE	PURPLE SAGE	85.3	0.3	329.6	2022-10-01	Standup



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)
Fuller 14/11 Fed Com Pad
Fuller 14/11 W1ED Fed Com #1H

OH

Plan: Plan #1

Standard Planning Report

30 January, 2023

ATTACHMENT *D*



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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 14/11 Fed Com Pad				
Site Position:		Northing:	379,375.70 usft	Latitude:	32.042436
From:	Map	Easting:	656,776.40 usft	Longitude:	-103.960765
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Fuller 14/11 W1ED Fed Com #1H					
Well Position	+N/-S	0.00 usft	Northing:	379,355.70 usft	Latitude:	32.042381
	+E/-W	0.00 usft	Easting:	656,776.50 usft	Longitude:	-103.960765
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	2,940.00 usft
Grid Convergence:	0.20 °					

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	1/18/2023	6.45	59.54	47,407.20779311

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	1.55

Plan Survey Tool Program	Date	1/27/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,886.29	Plan #1 (OH)	MWD + HDGM
				MWD + HDGM - Standard



Planning Report

Database: EDM 5000.16 Single User Db
Company: Mewbourne Oil Company
Project: Eddy Co., NM (NAD 83)
Site: Fuller 14/11 Fed Com Pad
Well: Fuller 14/11 W1ED Fed Com #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Fuller 14/11 W1ED Fed Com #1H
TVD Reference: KB=28 @ 2968.00usft (Patterson 595)
MD Reference: KB=28 @ 2968.00usft (Patterson 595)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
789.78	4.35	116.11	789.51	-4.84	9.87	1.50	1.50	0.00	116.11	
4,180.52	4.35	116.11	4,170.49	-117.95	240.62	0.00	0.00	0.00	0.00	
4,470.31	0.00	0.00	4,460.00	-122.79	250.49	1.50	-1.50	0.00	180.00	Fuller 14/11 W1ED
9,595.36	0.00	0.00	9,585.05	-122.79	250.49	0.00	0.00	0.00	0.00	
10,493.06	89.77	354.60	10,158.00	445.34	196.79	10.00	10.00	0.00	354.60	
10,774.50	89.77	0.23	10,159.14	726.37	184.10	2.00	0.00	2.00	90.04	
17,886.29	89.77	0.23	10,188.00	7,838.05	212.50	0.00	0.00	0.00	0.00	Fuller 14/11 W1ED



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
410.00	0.00	0.00	410.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Top									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1.5°/100'									
600.00	1.50	116.11	599.99	-0.58	1.18	-0.54	1.50	1.50	0.00
700.00	3.00	116.11	699.91	-2.30	4.70	-2.18	1.50	1.50	0.00
789.78	4.35	116.11	789.51	-4.84	9.87	-4.57	1.50	1.50	0.00
3391' Hold									
800.00	4.35	116.11	799.69	-5.18	10.56	-4.89	0.00	0.00	0.00
900.00	4.35	116.11	899.41	-8.51	17.37	-8.04	0.00	0.00	0.00
1,000.00	4.35	116.11	999.12	-11.85	24.17	-11.19	0.00	0.00	0.00
1,100.00	4.35	116.11	1,098.83	-15.19	30.98	-14.34	0.00	0.00	0.00
1,200.00	4.35	116.11	1,198.54	-18.52	37.78	-17.49	0.00	0.00	0.00
1,271.66	4.35	116.11	1,270.00	-20.91	42.66	-19.75	0.00	0.00	0.00
Castile									
1,300.00	4.35	116.11	1,298.25	-21.86	44.59	-20.64	0.00	0.00	0.00
1,400.00	4.35	116.11	1,397.97	-25.19	51.39	-23.79	0.00	0.00	0.00
1,500.00	4.35	116.11	1,497.68	-28.53	58.20	-26.94	0.00	0.00	0.00
1,600.00	4.35	116.11	1,597.39	-31.87	65.01	-30.09	0.00	0.00	0.00
1,700.00	4.35	116.11	1,697.10	-35.20	71.81	-33.24	0.00	0.00	0.00
1,800.00	4.35	116.11	1,796.82	-38.54	78.62	-36.39	0.00	0.00	0.00
1,900.00	4.35	116.11	1,896.53	-41.87	85.42	-39.54	0.00	0.00	0.00
2,000.00	4.35	116.11	1,996.24	-45.21	92.23	-42.69	0.00	0.00	0.00
2,100.00	4.35	116.11	2,095.95	-48.55	99.03	-45.84	0.00	0.00	0.00
2,200.00	4.35	116.11	2,195.67	-51.88	105.84	-48.99	0.00	0.00	0.00
2,300.00	4.35	116.11	2,295.38	-55.22	112.64	-52.14	0.00	0.00	0.00
2,400.00	4.35	116.11	2,395.09	-58.55	119.45	-55.30	0.00	0.00	0.00
2,500.00	4.35	116.11	2,494.80	-61.89	126.26	-58.45	0.00	0.00	0.00
2,600.00	4.35	116.11	2,594.52	-65.23	133.06	-61.60	0.00	0.00	0.00
2,700.00	4.35	116.11	2,694.23	-68.56	139.87	-64.75	0.00	0.00	0.00
2,800.00	4.35	116.11	2,793.94	-71.90	146.67	-67.90	0.00	0.00	0.00
2,851.21	4.35	116.11	2,845.00	-73.61	150.16	-69.51	0.00	0.00	0.00
Salt Base									
2,900.00	4.35	116.11	2,893.65	-75.23	153.48	-71.05	0.00	0.00	0.00
3,000.00	4.35	116.11	2,993.36	-78.57	160.28	-74.20	0.00	0.00	0.00
3,026.71	4.35	116.11	3,020.00	-79.46	162.10	-75.04	0.00	0.00	0.00
Delaware (Lamar)									
3,100.00	4.35	116.11	3,093.08	-81.91	167.09	-77.35	0.00	0.00	0.00
3,200.00	4.35	116.11	3,192.79	-85.24	173.89	-80.50	0.00	0.00	0.00
3,300.00	4.35	116.11	3,292.50	-88.58	180.70	-83.65	0.00	0.00	0.00
3,400.00	4.35	116.11	3,392.21	-91.92	187.51	-86.80	0.00	0.00	0.00
3,500.00	4.35	116.11	3,491.93	-95.25	194.31	-89.95	0.00	0.00	0.00
3,600.00	4.35	116.11	3,591.64	-98.59	201.12	-93.10	0.00	0.00	0.00
3,700.00	4.35	116.11	3,691.35	-101.92	207.92	-96.25	0.00	0.00	0.00
3,800.00	4.35	116.11	3,791.06	-105.26	214.73	-99.40	0.00	0.00	0.00
3,900.00	4.35	116.11	3,890.78	-108.60	221.53	-102.55	0.00	0.00	0.00

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
4,000.00	4.35	116.11	3,990.49	-111.93	228.34	-105.70	0.00	0.00	0.00
4,100.00	4.35	116.11	4,090.20	-115.27	235.14	-108.85	0.00	0.00	0.00
4,129.89	4.35	116.11	4,120.00	-116.26	237.18	-109.79	0.00	0.00	0.00
Manzanita Marker									
4,180.52	4.35	116.11	4,170.49	-117.95	240.62	-111.39	0.00	0.00	0.00
Drop 1.5°/100'									
4,200.00	4.05	116.11	4,189.92	-118.58	241.91	-111.98	1.50	-1.50	0.00
4,300.00	2.55	116.11	4,289.75	-121.12	247.08	-114.38	1.50	-1.50	0.00
4,400.00	1.05	116.11	4,389.70	-122.51	249.91	-115.69	1.50	-1.50	0.00
4,470.31	0.00	0.00	4,460.00	-122.79	250.49	-115.96	1.50	-1.50	0.00
5125' Hold									
4,500.00	0.00	0.00	4,489.69	-122.79	250.49	-115.96	0.00	0.00	0.00
4,600.00	0.00	0.00	4,589.69	-122.79	250.49	-115.96	0.00	0.00	0.00
4,700.00	0.00	0.00	4,689.69	-122.79	250.49	-115.96	0.00	0.00	0.00
4,800.00	0.00	0.00	4,789.69	-122.79	250.49	-115.96	0.00	0.00	0.00
4,900.00	0.00	0.00	4,889.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,000.00	0.00	0.00	4,989.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,100.00	0.00	0.00	5,089.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,200.00	0.00	0.00	5,189.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,300.00	0.00	0.00	5,289.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,400.00	0.00	0.00	5,389.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,500.00	0.00	0.00	5,489.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,600.00	0.00	0.00	5,589.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,700.00	0.00	0.00	5,689.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,800.00	0.00	0.00	5,789.69	-122.79	250.49	-115.96	0.00	0.00	0.00
5,900.00	0.00	0.00	5,889.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,000.00	0.00	0.00	5,989.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,100.00	0.00	0.00	6,089.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,200.00	0.00	0.00	6,189.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,300.00	0.00	0.00	6,289.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,400.00	0.00	0.00	6,389.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,500.00	0.00	0.00	6,489.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,600.00	0.00	0.00	6,589.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,700.00	0.00	0.00	6,689.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,800.00	0.00	0.00	6,789.69	-122.79	250.49	-115.96	0.00	0.00	0.00
6,810.31	0.00	0.00	6,800.00	-122.79	250.49	-115.96	0.00	0.00	0.00
Bone Spring									
6,900.00	0.00	0.00	6,889.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,000.00	0.00	0.00	6,989.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,100.00	0.00	0.00	7,089.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,200.00	0.00	0.00	7,189.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,300.00	0.00	0.00	7,289.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,400.00	0.00	0.00	7,389.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,500.00	0.00	0.00	7,489.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,600.00	0.00	0.00	7,589.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,700.00	0.00	0.00	7,689.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,745.31	0.00	0.00	7,735.00	-122.79	250.49	-115.96	0.00	0.00	0.00
1st Bone Spring Sand									
7,800.00	0.00	0.00	7,789.69	-122.79	250.49	-115.96	0.00	0.00	0.00
7,900.00	0.00	0.00	7,889.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,000.00	0.00	0.00	7,989.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,100.00	0.00	0.00	8,089.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,200.00	0.00	0.00	8,189.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,300.00	0.00	0.00	8,289.69	-122.79	250.49	-115.96	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
8,370.31	0.00	0.00	8,360.00	-122.79	250.49	-115.96	0.00	0.00	0.00
2nd Bone Spring Sand									
8,400.00	0.00	0.00	8,389.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,500.00	0.00	0.00	8,489.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,600.00	0.00	0.00	8,589.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,700.00	0.00	0.00	8,689.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,800.00	0.00	0.00	8,789.69	-122.79	250.49	-115.96	0.00	0.00	0.00
8,900.00	0.00	0.00	8,889.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,000.00	0.00	0.00	8,989.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,100.00	0.00	0.00	9,089.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,200.00	0.00	0.00	9,189.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,300.00	0.00	0.00	9,289.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,400.00	0.00	0.00	9,389.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,500.00	0.00	0.00	9,489.69	-122.79	250.49	-115.96	0.00	0.00	0.00
9,595.36	0.00	0.00	9,585.05	-122.79	250.49	-115.96	0.00	0.00	0.00
Build 10.0°/100'									
9,600.00	0.46	354.60	9,589.69	-122.77	250.49	-115.94	10.00	10.00	0.00
9,630.33	3.50	354.60	9,620.00	-121.73	250.39	-114.90	10.00	10.00	0.00
3rd Bone Spring Sand									
9,650.00	5.46	354.60	9,639.61	-120.20	250.24	-113.37	10.00	10.00	0.00
9,700.00	10.46	354.60	9,689.11	-113.30	249.59	-106.50	10.00	10.00	0.00
9,750.00	15.46	354.60	9,737.82	-102.14	248.54	-95.37	10.00	10.00	0.00
9,800.00	20.46	354.60	9,785.37	-86.79	247.09	-80.06	10.00	10.00	0.00
9,850.00	25.46	354.60	9,831.39	-67.38	245.25	-60.71	10.00	10.00	0.00
9,900.00	30.46	354.60	9,875.54	-44.04	243.05	-37.44	10.00	10.00	0.00
9,950.00	35.46	354.60	9,917.48	-16.97	240.49	-10.44	10.00	10.00	0.00
10,000.00	40.46	354.60	9,956.88	13.65	237.59	20.08	10.00	10.00	0.00
10,017.47	42.21	354.60	9,970.00	25.13	236.51	31.53	10.00	10.00	0.00
Wolfcamp									
10,050.00	45.46	354.60	9,993.46	47.56	234.39	53.90	10.00	10.00	0.00
10,100.00	50.46	354.60	10,026.93	84.52	230.89	90.75	10.00	10.00	0.00
10,150.00	55.46	354.60	10,057.04	124.24	227.14	130.35	10.00	10.00	0.00
10,200.00	60.46	354.60	10,083.55	166.43	223.15	172.41	10.00	10.00	0.00
10,250.00	65.46	354.60	10,106.27	210.75	218.96	216.61	10.00	10.00	0.00
10,300.00	70.46	354.60	10,125.02	256.88	214.60	262.60	10.00	10.00	0.00
10,350.00	75.46	354.60	10,139.67	304.46	210.10	310.04	10.00	10.00	0.00
10,400.00	80.46	354.60	10,150.09	353.13	205.50	358.57	10.00	10.00	0.00
10,450.00	85.46	354.60	10,156.21	402.51	200.83	407.81	10.00	10.00	0.00
10,493.06	89.77	354.60	10,158.00	445.34	196.79	450.50	10.00	10.00	0.00
Turn 2.0°/100'									
10,500.00	89.77	354.74	10,158.03	452.25	196.14	457.40	2.00	0.00	2.00
10,600.00	89.77	356.74	10,158.43	551.96	188.71	556.88	2.00	0.00	2.00
10,700.00	89.77	358.74	10,158.84	651.88	184.77	656.65	2.00	0.00	2.00
10,774.50	89.77	0.23	10,159.14	726.37	184.10	731.10	2.00	0.00	2.00
7112' Hold									
10,800.00	89.77	0.23	10,159.24	751.87	184.20	756.59	0.00	0.00	0.00
10,900.00	89.77	0.23	10,159.65	851.87	184.60	856.56	0.00	0.00	0.00
11,000.00	89.77	0.23	10,160.06	951.87	185.00	956.53	0.00	0.00	0.00
11,100.00	89.77	0.23	10,160.46	1,051.87	185.40	1,056.51	0.00	0.00	0.00
11,200.00	89.77	0.23	10,160.87	1,151.87	185.79	1,156.48	0.00	0.00	0.00
11,300.00	89.77	0.23	10,161.27	1,251.87	186.19	1,256.45	0.00	0.00	0.00
11,400.00	89.77	0.23	10,161.68	1,351.86	186.59	1,356.42	0.00	0.00	0.00
11,500.00	89.77	0.23	10,162.08	1,451.86	186.99	1,456.40	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
11,600.00	89.77	0.23	10,162.49	1,551.86	187.39	1,556.37	0.00	0.00	0.00
11,700.00	89.77	0.23	10,162.90	1,651.86	187.79	1,656.34	0.00	0.00	0.00
11,800.00	89.77	0.23	10,163.30	1,751.86	188.19	1,756.31	0.00	0.00	0.00
11,900.00	89.77	0.23	10,163.71	1,851.86	188.59	1,856.29	0.00	0.00	0.00
12,000.00	89.77	0.23	10,164.11	1,951.85	188.99	1,956.26	0.00	0.00	0.00
12,100.00	89.77	0.23	10,164.52	2,051.85	189.39	2,056.23	0.00	0.00	0.00
12,200.00	89.77	0.23	10,164.93	2,151.85	189.79	2,156.20	0.00	0.00	0.00
12,300.00	89.77	0.23	10,165.33	2,251.85	190.19	2,256.18	0.00	0.00	0.00
12,400.00	89.77	0.23	10,165.74	2,351.85	190.59	2,356.15	0.00	0.00	0.00
12,500.00	89.77	0.23	10,166.14	2,451.85	190.99	2,456.12	0.00	0.00	0.00
12,600.00	89.77	0.23	10,166.55	2,551.84	191.39	2,556.09	0.00	0.00	0.00
12,700.00	89.77	0.23	10,166.95	2,651.84	191.79	2,656.07	0.00	0.00	0.00
12,800.00	89.77	0.23	10,167.36	2,751.84	192.19	2,756.04	0.00	0.00	0.00
12,900.00	89.77	0.23	10,167.77	2,851.84	192.58	2,856.01	0.00	0.00	0.00
13,000.00	89.77	0.23	10,168.17	2,951.84	192.98	2,955.98	0.00	0.00	0.00
13,100.00	89.77	0.23	10,168.58	3,051.84	193.38	3,055.96	0.00	0.00	0.00
13,200.00	89.77	0.23	10,168.98	3,151.84	193.78	3,155.93	0.00	0.00	0.00
13,300.00	89.77	0.23	10,169.39	3,251.83	194.18	3,255.90	0.00	0.00	0.00
13,400.00	89.77	0.23	10,169.79	3,351.83	194.58	3,355.87	0.00	0.00	0.00
13,500.00	89.77	0.23	10,170.20	3,451.83	194.98	3,455.85	0.00	0.00	0.00
13,600.00	89.77	0.23	10,170.61	3,551.83	195.38	3,555.82	0.00	0.00	0.00
13,700.00	89.77	0.23	10,171.01	3,651.83	195.78	3,655.79	0.00	0.00	0.00
13,800.00	89.77	0.23	10,171.42	3,751.83	196.18	3,755.76	0.00	0.00	0.00
13,900.00	89.77	0.23	10,171.82	3,851.82	196.58	3,855.74	0.00	0.00	0.00
14,000.00	89.77	0.23	10,172.23	3,951.82	196.98	3,955.71	0.00	0.00	0.00
14,100.00	89.77	0.23	10,172.64	4,051.82	197.38	4,055.68	0.00	0.00	0.00
14,200.00	89.77	0.23	10,173.04	4,151.82	197.78	4,155.65	0.00	0.00	0.00
14,300.00	89.77	0.23	10,173.45	4,251.82	198.18	4,255.63	0.00	0.00	0.00
14,400.00	89.77	0.23	10,173.85	4,351.82	198.58	4,355.60	0.00	0.00	0.00
14,500.00	89.77	0.23	10,174.26	4,451.81	198.98	4,455.57	0.00	0.00	0.00
14,600.00	89.77	0.23	10,174.66	4,551.81	199.37	4,555.54	0.00	0.00	0.00
14,700.00	89.77	0.23	10,175.07	4,651.81	199.77	4,655.52	0.00	0.00	0.00
14,800.00	89.77	0.23	10,175.48	4,751.81	200.17	4,755.49	0.00	0.00	0.00
14,900.00	89.77	0.23	10,175.88	4,851.81	200.57	4,855.46	0.00	0.00	0.00
15,000.00	89.77	0.23	10,176.29	4,951.81	200.97	4,955.43	0.00	0.00	0.00
15,100.00	89.77	0.23	10,176.69	5,051.80	201.37	5,055.41	0.00	0.00	0.00
15,200.00	89.77	0.23	10,177.10	5,151.80	201.77	5,155.38	0.00	0.00	0.00
15,300.00	89.77	0.23	10,177.50	5,251.80	202.17	5,255.35	0.00	0.00	0.00
15,400.00	89.77	0.23	10,177.91	5,351.80	202.57	5,355.32	0.00	0.00	0.00
15,500.00	89.77	0.23	10,178.32	5,451.80	202.97	5,455.30	0.00	0.00	0.00
15,600.00	89.77	0.23	10,178.72	5,551.80	203.37	5,555.27	0.00	0.00	0.00
15,700.00	89.77	0.23	10,179.13	5,651.79	203.77	5,655.24	0.00	0.00	0.00
15,800.00	89.77	0.23	10,179.53	5,751.79	204.17	5,755.21	0.00	0.00	0.00
15,900.00	89.77	0.23	10,179.94	5,851.79	204.57	5,855.19	0.00	0.00	0.00
16,000.00	89.77	0.23	10,180.35	5,951.79	204.97	5,955.16	0.00	0.00	0.00
16,100.00	89.77	0.23	10,180.75	6,051.79	205.37	6,055.13	0.00	0.00	0.00
16,200.00	89.77	0.23	10,181.16	6,151.79	205.76	6,155.10	0.00	0.00	0.00
16,300.00	89.77	0.23	10,181.56	6,251.78	206.16	6,255.08	0.00	0.00	0.00
16,400.00	89.77	0.23	10,181.97	6,351.78	206.56	6,355.05	0.00	0.00	0.00
16,500.00	89.77	0.23	10,182.37	6,451.78	206.96	6,455.02	0.00	0.00	0.00
16,600.00	89.77	0.23	10,182.78	6,551.78	207.36	6,554.99	0.00	0.00	0.00
16,700.00	89.77	0.23	10,183.19	6,651.78	207.76	6,654.97	0.00	0.00	0.00
16,800.00	89.77	0.23	10,183.59	6,751.78	208.16	6,754.94	0.00	0.00	0.00
16,900.00	89.77	0.23	10,184.00	6,851.78	208.56	6,854.91	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,000.00	89.77	0.23	10,184.40	6,951.77	208.96	6,954.88	0.00	0.00	0.00
17,100.00	89.77	0.23	10,184.81	7,051.77	209.36	7,054.86	0.00	0.00	0.00
17,200.00	89.77	0.23	10,185.22	7,151.77	209.76	7,154.83	0.00	0.00	0.00
17,300.00	89.77	0.23	10,185.62	7,251.77	210.16	7,254.80	0.00	0.00	0.00
17,400.00	89.77	0.23	10,186.03	7,351.77	210.56	7,354.77	0.00	0.00	0.00
17,500.00	89.77	0.23	10,186.43	7,451.77	210.96	7,454.75	0.00	0.00	0.00
17,600.00	89.77	0.23	10,186.84	7,551.76	211.36	7,554.72	0.00	0.00	0.00
17,700.00	89.77	0.23	10,187.24	7,651.76	211.76	7,654.69	0.00	0.00	0.00
17,800.00	89.77	0.23	10,187.65	7,751.76	212.16	7,754.66	0.00	0.00	0.00
17,886.29	89.77	0.23	10,188.00	7,838.05	212.50	7,840.93	0.00	0.00	0.00
TD at 17886.29									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Fuller 14/11 W1ED Fe - hit/miss target - Shape - Point	0.00	0.00	4,460.00	-122.79	250.49	379,232.91	657,026.99	32.042042	-103.959958
Fuller 14/11 W1ED Fe - plan hits target center - Point	0.00	0.00	10,188.00	7,838.05	212.50	387,193.75	656,989.00	32.063926	-103.959992

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
120.00	120.00	Rustler				
410.00	410.00	Salt Top				
1,271.66	1,270.00	Castile				
2,851.21	2,845.00	Salt Base				
3,026.71	3,020.00	Delaware (Lamar)				
4,129.89	4,120.00	Manzanita Marker				
6,810.31	6,800.00	Bone Spring				
7,745.31	7,735.00	1st Bone Spring Sand				
8,370.31	8,360.00	2nd Bone Spring Sand				
9,630.33	9,620.00	3rd Bone Spring Sand				
10,017.47	9,970.00	Wolfcamp				



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
500.00	500.00	0.00	0.00	Build 1.5°/100'
789.78	789.51	-4.84	9.87	3391' Hold
4,180.52	4,170.49	-117.95	240.62	Drop 1.5°/100'
4,470.31	4,460.00	-122.79	250.49	5125' Hold
9,595.36	9,585.05	-122.79	250.49	Build 10.0°/100'
10,493.06	10,158.00	445.34	196.79	Turn 2.0°/100'
10,774.50	10,159.14	726.37	184.10	7112' Hold
17,886.29	10,188.00	7,838.05	212.50	TD at 17886.29



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)
Fuller 14/11 Fed Com Pad
Fuller 14/11 W1ED Fed Com #2H

OH

Plan: Plan #1

Standard Planning Report

30 January, 2023



Site: Fuller 14/11 Fed Com Pad
 Well: Fuller 14/11 W1ED Fed Com #2H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.042546
 Long: -103.960765
 GL: 2940.00
 KB: KB=28 @ 2968.00usft (Patterson 595)

WELL DETAILS: Fuller 14/11 W1ED Fed Com #2H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	379415.70	656776.30	32.042546	-103.960765

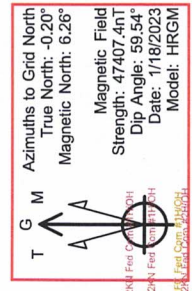
WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape Point
Fuller 14/11 W1ED Fed Com #2H - PBHL-10378.00	7779.28	-347.35	367194.98	656428.95		

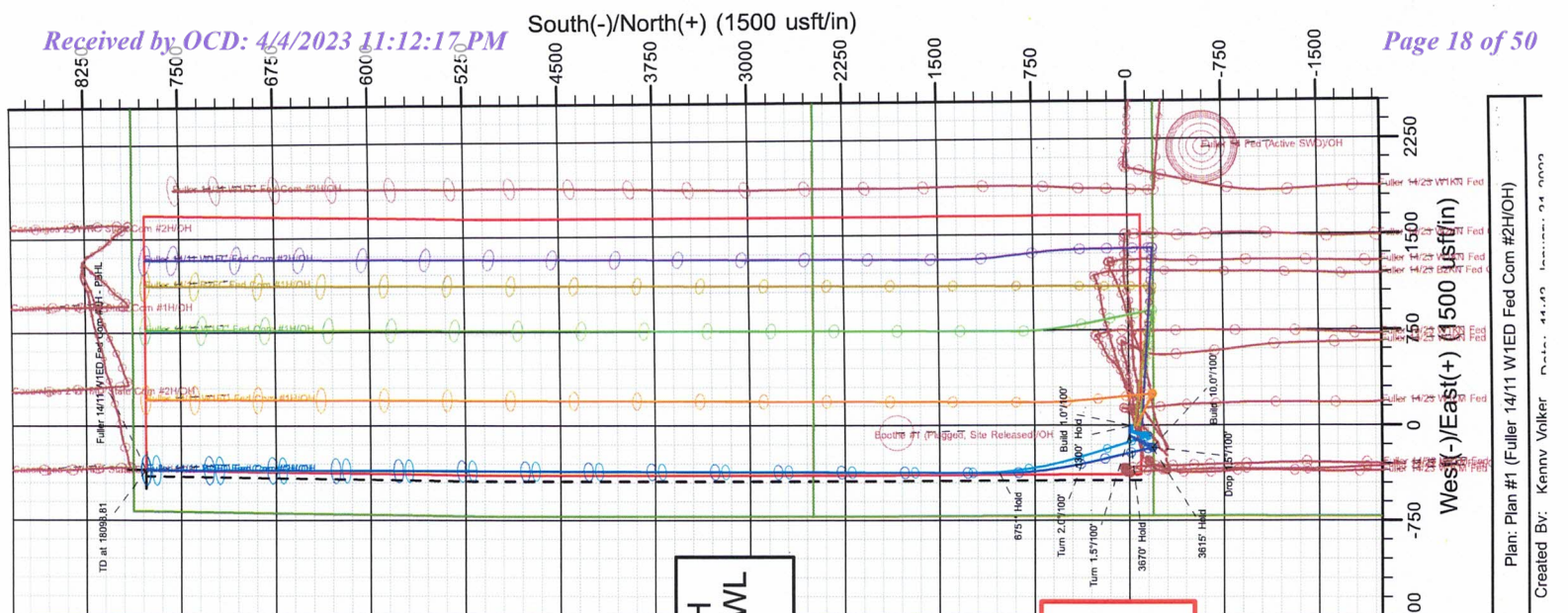
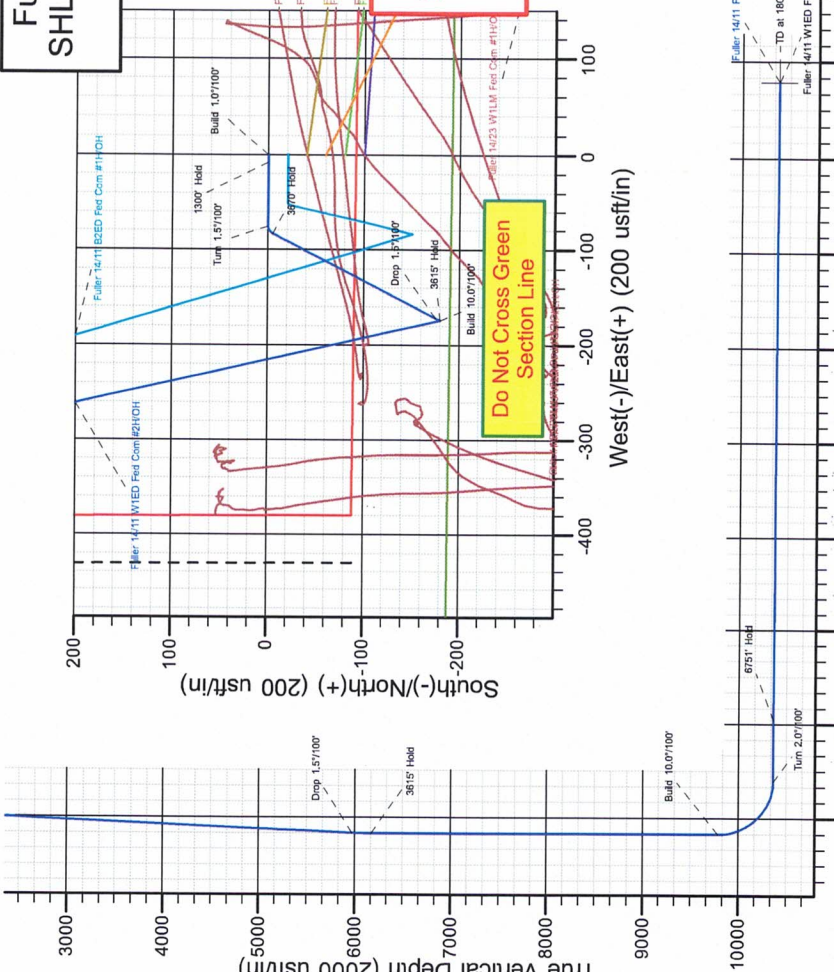
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	Build 1.07'100'
800.00	3.00	270.00	799.86	0.00	-7.85	1.00	270.00	0.35	1300' Hold
2100.00	3.00	270.00	2098.08	0.00	-75.89	0.00	0.00	3.39	Turn 1.57'100'
2307.82	3.00	207.34	2305.66	-4.83	-83.82	1.50	-121.35	-1.08	3670' Hold
5977.48	3.00	207.34	5970.31	-175.23	-171.92	0.00	0.00	-167.41	Drop 1.57'100'
6177.26	0.00	0.00	6170.00	-179.89	-174.32	1.50	180.00	-171.94	3615' Hold
9792.66	0.00	0.00	9785.40	-179.89	-174.32	0.00	0.00	-171.94	Build 10.07'100'
10691.16	89.85	347.10	10358.36	377.14	-301.90	10.00	347.10	390.24	Turn 2.07'100'
11347.54	89.85	0.23	10360.09	1028.09	-374.18	2.00	90.03	1043.76	6751' Hold
18098.81	89.85	-0.23	10378.00	7779.28	-347.35	0.00	0.00	7287.03	TD at 18098.81

Fuller 14/11 W1ED Fed Com #2H
 SHL: 2500' FSL (Sec. 11) & 710' FWL
 PBHL: 100' FNL & 330' FWL



100' FNL Hard Line (Sec. 11)
 2591' FNL Hard Line (Sec. 14)
 330' FWL Hard Line
 2364' FWL Hard Line





Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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 14/11 Fed Com Pad				
Site Position:		Northing:	379,375.70 usft	Latitude:	32.042436
From:	Map	Easting:	656,776.40 usft	Longitude:	-103.960765
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Fuller 14/11 W1ED Fed Com #2H					
Well Position	+N/-S	0.00 usft	Northing:	379,415.70 usft	Latitude:	32.042546
	+E/-W	0.00 usft	Easting:	656,776.30 usft	Longitude:	-103.960765
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	2,940.00 usft
Grid Convergence:	0.20 °					

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	1/18/2023	6.45	59.54	47,407.38696123

Design	Plan #1			
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	357.44

Plan Survey Tool Program	Date	1/27/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	18,098.81 Plan #1 (OH)	MWD + HDGM	
			MWD + HDGM - Standard	



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	3.00	270.00	799.86	0.00	-7.85	1.00	1.00	0.00	270.00	
2,100.00	3.00	270.00	2,098.08	0.00	-75.89	0.00	0.00	0.00	0.00	
2,307.82	3.00	207.34	2,305.66	-4.83	-83.82	1.50	0.00	-30.15	-121.35	
5,977.48	3.00	207.34	5,970.31	-175.25	-171.92	0.00	0.00	0.00	0.00	
6,177.26	0.00	0.00	6,170.00	-179.89	-174.32	1.50	-1.50	0.00	180.00	
9,792.66	0.00	0.00	9,785.40	-179.89	-174.32	0.00	0.00	0.00	0.00	
10,691.16	89.85	347.10	10,358.36	377.14	-301.90	10.00	10.00	0.00	347.10	
11,347.54	89.85	0.23	10,360.09	1,028.09	-374.18	2.00	0.00	2.00	90.03	
18,098.81	89.85	0.23	10,378.00	7,779.28	-347.35	0.00	0.00	0.00	0.00	Fuller 14/11 W1ED

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
410.00	0.00	0.00	410.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Top									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1.0°/100'									
600.00	1.00	270.00	599.99	0.00	-0.87	0.04	1.00	1.00	0.00
700.00	2.00	270.00	699.96	0.00	-3.49	0.16	1.00	1.00	0.00
800.00	3.00	270.00	799.86	0.00	-7.85	0.35	1.00	1.00	0.00
1300' Hold									
900.00	3.00	270.00	899.73	0.00	-13.09	0.58	0.00	0.00	0.00
1,000.00	3.00	270.00	999.59	0.00	-18.32	0.82	0.00	0.00	0.00
1,100.00	3.00	270.00	1,099.45	0.00	-23.55	1.05	0.00	0.00	0.00
1,200.00	3.00	270.00	1,199.31	0.00	-28.79	1.28	0.00	0.00	0.00
1,270.78	3.00	270.00	1,270.00	0.00	-32.49	1.45	0.00	0.00	0.00
Castile									
1,300.00	3.00	270.00	1,299.18	0.00	-34.02	1.52	0.00	0.00	0.00
1,400.00	3.00	270.00	1,399.04	0.00	-39.25	1.75	0.00	0.00	0.00
1,500.00	3.00	270.00	1,498.90	0.00	-44.49	1.98	0.00	0.00	0.00
1,600.00	3.00	270.00	1,598.77	0.00	-49.72	2.22	0.00	0.00	0.00
1,700.00	3.00	270.00	1,698.63	0.00	-54.95	2.45	0.00	0.00	0.00
1,800.00	3.00	270.00	1,798.49	0.00	-60.19	2.68	0.00	0.00	0.00
1,900.00	3.00	270.00	1,898.36	0.00	-65.42	2.92	0.00	0.00	0.00
2,000.00	3.00	270.00	1,998.22	0.00	-70.66	3.15	0.00	0.00	0.00
2,100.00	3.00	270.00	2,098.08	0.00	-75.89	3.39	0.00	0.00	0.00
Turn 1.5°/100'									
2,200.00	2.56	240.00	2,197.97	-1.12	-80.44	2.47	1.50	-0.44	-30.00
2,307.82	3.00	207.34	2,305.66	-4.83	-83.82	-1.08	1.50	0.40	-30.29
3670' Hold									
2,400.00	3.00	207.34	2,397.72	-9.11	-86.04	-5.26	0.00	0.00	0.00
2,500.00	3.00	207.34	2,497.59	-13.75	-88.44	-9.79	0.00	0.00	0.00
2,600.00	3.00	207.34	2,597.45	-18.40	-90.84	-14.33	0.00	0.00	0.00
2,700.00	3.00	207.34	2,697.31	-23.04	-93.24	-18.86	0.00	0.00	0.00
2,800.00	3.00	207.34	2,797.18	-27.68	-95.64	-23.39	0.00	0.00	0.00
2,847.89	3.00	207.34	2,845.00	-29.91	-96.79	-25.56	0.00	0.00	0.00
Salt Base									
2,900.00	3.00	207.34	2,897.04	-32.33	-98.04	-27.92	0.00	0.00	0.00
3,000.00	3.00	207.34	2,996.90	-36.97	-100.44	-32.46	0.00	0.00	0.00
3,023.13	3.00	207.34	3,020.00	-38.05	-101.00	-33.50	0.00	0.00	0.00
Delaware (Lamar)									
3,100.00	3.00	207.34	3,096.76	-41.62	-102.84	-36.99	0.00	0.00	0.00
3,200.00	3.00	207.34	3,196.63	-46.26	-105.24	-41.52	0.00	0.00	0.00
3,300.00	3.00	207.34	3,296.49	-50.90	-107.64	-46.05	0.00	0.00	0.00
3,400.00	3.00	207.34	3,396.35	-55.55	-110.04	-50.59	0.00	0.00	0.00
3,500.00	3.00	207.34	3,496.22	-60.19	-112.44	-55.12	0.00	0.00	0.00
3,600.00	3.00	207.34	3,596.08	-64.84	-114.85	-59.65	0.00	0.00	0.00
3,700.00	3.00	207.34	3,695.94	-69.48	-117.25	-64.18	0.00	0.00	0.00
3,800.00	3.00	207.34	3,795.81	-74.13	-119.65	-68.71	0.00	0.00	0.00

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
3,900.00	3.00	207.34	3,895.67	-78.77	-122.05	-73.25	0.00	0.00	0.00
4,000.00	3.00	207.34	3,995.53	-83.41	-124.45	-77.78	0.00	0.00	0.00
4,100.00	3.00	207.34	4,095.40	-88.06	-126.85	-82.31	0.00	0.00	0.00
4,124.64	3.00	207.34	4,120.00	-89.20	-127.44	-83.43	0.00	0.00	0.00
Manzanita Marker									
4,200.00	3.00	207.34	4,195.26	-92.70	-129.25	-86.84	0.00	0.00	0.00
4,300.00	3.00	207.34	4,295.12	-97.35	-131.65	-91.38	0.00	0.00	0.00
4,400.00	3.00	207.34	4,394.99	-101.99	-134.05	-95.91	0.00	0.00	0.00
4,500.00	3.00	207.34	4,494.85	-106.63	-136.45	-100.44	0.00	0.00	0.00
4,600.00	3.00	207.34	4,594.71	-111.28	-138.85	-104.97	0.00	0.00	0.00
4,700.00	3.00	207.34	4,694.58	-115.92	-141.25	-109.51	0.00	0.00	0.00
4,800.00	3.00	207.34	4,794.44	-120.57	-143.65	-114.04	0.00	0.00	0.00
4,900.00	3.00	207.34	4,894.30	-125.21	-146.05	-118.57	0.00	0.00	0.00
5,000.00	3.00	207.34	4,994.17	-129.85	-148.45	-123.10	0.00	0.00	0.00
5,100.00	3.00	207.34	5,094.03	-134.50	-150.86	-127.64	0.00	0.00	0.00
5,200.00	3.00	207.34	5,193.89	-139.14	-153.26	-132.17	0.00	0.00	0.00
5,300.00	3.00	207.34	5,293.76	-143.79	-155.66	-136.70	0.00	0.00	0.00
5,400.00	3.00	207.34	5,393.62	-148.43	-158.06	-141.23	0.00	0.00	0.00
5,500.00	3.00	207.34	5,493.48	-153.08	-160.46	-145.77	0.00	0.00	0.00
5,600.00	3.00	207.34	5,593.35	-157.72	-162.86	-150.30	0.00	0.00	0.00
5,700.00	3.00	207.34	5,693.21	-162.36	-165.26	-154.83	0.00	0.00	0.00
5,800.00	3.00	207.34	5,793.07	-167.01	-167.66	-159.36	0.00	0.00	0.00
5,900.00	3.00	207.34	5,892.94	-171.65	-170.06	-163.90	0.00	0.00	0.00
5,977.48	3.00	207.34	5,970.31	-175.25	-171.92	-167.41	0.00	0.00	0.00
Drop 1.5°/100'									
6,000.00	2.66	207.34	5,992.80	-176.24	-172.43	-168.37	1.50	-1.50	0.00
6,100.00	1.16	207.34	6,092.74	-179.20	-173.96	-171.26	1.50	-1.50	0.00
6,177.26	0.00	0.00	6,170.00	-179.89	-174.32	-171.94	1.50	-1.50	197.59
3615' Hold									
6,200.00	0.00	0.00	6,192.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,300.00	0.00	0.00	6,292.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,400.00	0.00	0.00	6,392.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,500.00	0.00	0.00	6,492.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,600.00	0.00	0.00	6,592.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,700.00	0.00	0.00	6,692.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,800.00	0.00	0.00	6,792.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
6,807.26	0.00	0.00	6,800.00	-179.89	-174.32	-171.94	0.00	0.00	0.00
Bone Spring									
6,900.00	0.00	0.00	6,892.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,000.00	0.00	0.00	6,992.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,100.00	0.00	0.00	7,092.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,200.00	0.00	0.00	7,192.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,300.00	0.00	0.00	7,292.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,400.00	0.00	0.00	7,392.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,500.00	0.00	0.00	7,492.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,600.00	0.00	0.00	7,592.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,700.00	0.00	0.00	7,692.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,742.26	0.00	0.00	7,735.00	-179.89	-174.32	-171.94	0.00	0.00	0.00
1st Bone Spring Sand									
7,800.00	0.00	0.00	7,792.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
7,900.00	0.00	0.00	7,892.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,000.00	0.00	0.00	7,992.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,100.00	0.00	0.00	8,092.74	-179.89	-174.32	-171.94	0.00	0.00	0.00

**MEWBOURNE
OIL COMPANY**

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
8,200.00	0.00	0.00	8,192.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,300.00	0.00	0.00	8,292.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,367.26	0.00	0.00	8,360.00	-179.89	-174.32	-171.94	0.00	0.00	0.00
2nd Bone Spring Sand									
8,400.00	0.00	0.00	8,392.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,500.00	0.00	0.00	8,492.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,600.00	0.00	0.00	8,592.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,700.00	0.00	0.00	8,692.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,800.00	0.00	0.00	8,792.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
8,900.00	0.00	0.00	8,892.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,000.00	0.00	0.00	8,992.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,100.00	0.00	0.00	9,092.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,200.00	0.00	0.00	9,192.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,300.00	0.00	0.00	9,292.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,400.00	0.00	0.00	9,392.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,500.00	0.00	0.00	9,492.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,600.00	0.00	0.00	9,592.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,627.26	0.00	0.00	9,620.00	-179.89	-174.32	-171.94	0.00	0.00	0.00
3rd Bone Spring Sand									
9,700.00	0.00	0.00	9,692.74	-179.89	-174.32	-171.94	0.00	0.00	0.00
9,792.66	0.00	0.00	9,785.40	-179.89	-174.32	-171.94	0.00	0.00	0.00
Build 10.0°/100'									
9,800.00	0.73	347.10	9,792.74	-179.84	-174.33	-171.89	10.00	10.00	0.00
9,850.00	5.73	347.10	9,842.64	-177.10	-174.96	-169.12	10.00	10.00	0.00
9,900.00	10.73	347.10	9,892.11	-170.12	-176.56	-162.07	10.00	10.00	0.00
9,950.00	15.73	347.10	9,940.77	-158.96	-179.11	-150.82	10.00	10.00	0.00
9,980.61	18.80	347.10	9,970.00	-150.11	-181.14	-141.88	10.00	10.00	0.00
Wolfcamp									
10,000.00	20.73	347.10	9,988.24	-143.72	-182.60	-135.43	10.00	10.00	0.00
10,050.00	25.73	347.10	10,034.17	-124.50	-187.01	-116.03	10.00	10.00	0.00
10,100.00	30.73	347.10	10,078.21	-101.45	-192.29	-92.77	10.00	10.00	0.00
10,150.00	35.73	347.10	10,120.02	-74.75	-198.40	-65.82	10.00	10.00	0.00
10,200.00	40.73	347.10	10,159.28	-44.59	-205.31	-35.39	10.00	10.00	0.00
10,250.00	45.73	347.10	10,195.70	-11.22	-212.95	-1.71	10.00	10.00	0.00
10,300.00	50.73	347.10	10,228.99	25.12	-221.27	34.97	10.00	10.00	0.00
10,350.00	55.73	347.10	10,258.91	64.15	-230.21	74.36	10.00	10.00	0.00
10,400.00	60.73	347.10	10,285.22	105.58	-239.70	116.16	10.00	10.00	0.00
10,450.00	65.73	347.10	10,307.74	149.08	-249.66	160.07	10.00	10.00	0.00
10,500.00	70.73	347.10	10,326.27	194.33	-260.03	205.73	10.00	10.00	0.00
10,550.00	75.73	347.10	10,340.69	240.98	-270.71	252.81	10.00	10.00	0.00
10,600.00	80.73	347.10	10,350.88	288.68	-281.64	300.95	10.00	10.00	0.00
10,650.00	85.73	347.10	10,356.77	337.06	-292.72	349.78	10.00	10.00	0.00
10,691.16	89.85	347.10	10,358.36	377.14	-301.90	390.24	10.00	10.00	0.00
Turn 2.0°/100'									
10,700.00	89.85	347.28	10,358.38	385.76	-303.86	398.93	2.00	0.00	2.00
10,800.00	89.85	349.28	10,358.64	483.67	-324.18	497.65	2.00	0.00	2.00
10,900.00	89.85	351.28	10,358.91	582.23	-341.06	596.86	2.00	0.00	2.00
11,000.00	89.85	353.28	10,359.17	681.32	-354.50	696.45	2.00	0.00	2.00
11,100.00	89.85	355.28	10,359.44	780.81	-364.47	796.29	2.00	0.00	2.00
11,200.00	89.85	357.28	10,359.70	880.60	-370.97	896.27	2.00	0.00	2.00
11,300.00	89.85	359.28	10,359.97	980.55	-373.97	996.25	2.00	0.00	2.00
11,347.54	89.85	0.23	10,360.09	1,028.09	-374.18	1,043.76	2.00	0.00	2.00
6751' Hold									

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
11,400.00	89.85	0.23	10,360.23	1,080.55	-373.97	1,096.15	0.00	0.00	0.00
11,500.00	89.85	0.23	10,360.50	1,180.54	-373.57	1,196.03	0.00	0.00	0.00
11,600.00	89.85	0.23	10,360.76	1,280.54	-373.18	1,295.91	0.00	0.00	0.00
11,700.00	89.85	0.23	10,361.03	1,380.54	-372.78	1,395.80	0.00	0.00	0.00
11,800.00	89.85	0.23	10,361.29	1,480.54	-372.38	1,495.68	0.00	0.00	0.00
11,900.00	89.85	0.23	10,361.56	1,580.54	-371.98	1,595.56	0.00	0.00	0.00
12,000.00	89.85	0.23	10,361.82	1,680.54	-371.59	1,695.44	0.00	0.00	0.00
12,100.00	89.85	0.23	10,362.09	1,780.54	-371.19	1,795.32	0.00	0.00	0.00
12,200.00	89.85	0.23	10,362.35	1,880.54	-370.79	1,895.20	0.00	0.00	0.00
12,300.00	89.85	0.23	10,362.62	1,980.53	-370.39	1,995.09	0.00	0.00	0.00
12,400.00	89.85	0.23	10,362.88	2,080.53	-370.00	2,094.97	0.00	0.00	0.00
12,500.00	89.85	0.23	10,363.15	2,180.53	-369.60	2,194.85	0.00	0.00	0.00
12,600.00	89.85	0.23	10,363.42	2,280.53	-369.20	2,294.73	0.00	0.00	0.00
12,700.00	89.85	0.23	10,363.68	2,380.53	-368.80	2,394.61	0.00	0.00	0.00
12,800.00	89.85	0.23	10,363.95	2,480.53	-368.41	2,494.49	0.00	0.00	0.00
12,900.00	89.85	0.23	10,364.21	2,580.53	-368.01	2,594.38	0.00	0.00	0.00
13,000.00	89.85	0.23	10,364.48	2,680.53	-367.61	2,694.26	0.00	0.00	0.00
13,100.00	89.85	0.23	10,364.74	2,780.53	-367.21	2,794.14	0.00	0.00	0.00
13,200.00	89.85	0.23	10,365.01	2,880.52	-366.82	2,894.02	0.00	0.00	0.00
13,300.00	89.85	0.23	10,365.27	2,980.52	-366.42	2,993.90	0.00	0.00	0.00
13,400.00	89.85	0.23	10,365.54	3,080.52	-366.02	3,093.78	0.00	0.00	0.00
13,500.00	89.85	0.23	10,365.80	3,180.52	-365.63	3,193.66	0.00	0.00	0.00
13,600.00	89.85	0.23	10,366.07	3,280.52	-365.23	3,293.55	0.00	0.00	0.00
13,700.00	89.85	0.23	10,366.33	3,380.52	-364.83	3,393.43	0.00	0.00	0.00
13,800.00	89.85	0.23	10,366.60	3,480.52	-364.43	3,493.31	0.00	0.00	0.00
13,900.00	89.85	0.23	10,366.86	3,580.52	-364.04	3,593.19	0.00	0.00	0.00
14,000.00	89.85	0.23	10,367.13	3,680.52	-363.64	3,693.07	0.00	0.00	0.00
14,100.00	89.85	0.23	10,367.39	3,780.51	-363.24	3,792.95	0.00	0.00	0.00
14,200.00	89.85	0.23	10,367.66	3,880.51	-362.84	3,892.84	0.00	0.00	0.00
14,300.00	89.85	0.23	10,367.92	3,980.51	-362.45	3,992.72	0.00	0.00	0.00
14,400.00	89.85	0.23	10,368.19	4,080.51	-362.05	4,092.60	0.00	0.00	0.00
14,500.00	89.85	0.23	10,368.45	4,180.51	-361.65	4,192.48	0.00	0.00	0.00
14,600.00	89.85	0.23	10,368.72	4,280.51	-361.25	4,292.36	0.00	0.00	0.00
14,700.00	89.85	0.23	10,368.99	4,380.51	-360.86	4,392.24	0.00	0.00	0.00
14,800.00	89.85	0.23	10,369.25	4,480.51	-360.46	4,492.13	0.00	0.00	0.00
14,900.00	89.85	0.23	10,369.52	4,580.51	-360.06	4,592.01	0.00	0.00	0.00
15,000.00	89.85	0.23	10,369.78	4,680.50	-359.66	4,691.89	0.00	0.00	0.00
15,100.00	89.85	0.23	10,370.05	4,780.50	-359.27	4,791.77	0.00	0.00	0.00
15,200.00	89.85	0.23	10,370.31	4,880.50	-358.87	4,891.65	0.00	0.00	0.00
15,300.00	89.85	0.23	10,370.58	4,980.50	-358.47	4,991.53	0.00	0.00	0.00
15,400.00	89.85	0.23	10,370.84	5,080.50	-358.07	5,091.42	0.00	0.00	0.00
15,500.00	89.85	0.23	10,371.11	5,180.50	-357.68	5,191.30	0.00	0.00	0.00
15,600.00	89.85	0.23	10,371.37	5,280.50	-357.28	5,291.18	0.00	0.00	0.00
15,700.00	89.85	0.23	10,371.64	5,380.50	-356.88	5,391.06	0.00	0.00	0.00
15,800.00	89.85	0.23	10,371.90	5,480.50	-356.49	5,490.94	0.00	0.00	0.00
15,900.00	89.85	0.23	10,372.17	5,580.49	-356.09	5,590.82	0.00	0.00	0.00
16,000.00	89.85	0.23	10,372.43	5,680.49	-355.69	5,690.70	0.00	0.00	0.00
16,100.00	89.85	0.23	10,372.70	5,780.49	-355.29	5,790.59	0.00	0.00	0.00
16,200.00	89.85	0.23	10,372.96	5,880.49	-354.90	5,890.47	0.00	0.00	0.00
16,300.00	89.85	0.23	10,373.23	5,980.49	-354.50	5,990.35	0.00	0.00	0.00
16,400.00	89.85	0.23	10,373.49	6,080.49	-354.10	6,090.23	0.00	0.00	0.00
16,500.00	89.85	0.23	10,373.76	6,180.49	-353.70	6,190.11	0.00	0.00	0.00
16,600.00	89.85	0.23	10,374.02	6,280.49	-353.31	6,289.99	0.00	0.00	0.00
16,700.00	89.85	0.23	10,374.29	6,380.48	-352.91	6,389.88	0.00	0.00	0.00



Planning Report

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Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
16,800.00	89.85	0.23	10,374.56	6,480.48	-352.51	6,489.76	0.00	0.00	0.00
16,900.00	89.85	0.23	10,374.82	6,580.48	-352.11	6,589.64	0.00	0.00	0.00
17,000.00	89.85	0.23	10,375.09	6,680.48	-351.72	6,689.52	0.00	0.00	0.00
17,100.00	89.85	0.23	10,375.35	6,780.48	-351.32	6,789.40	0.00	0.00	0.00
17,200.00	89.85	0.23	10,375.62	6,880.48	-350.92	6,889.28	0.00	0.00	0.00
17,300.00	89.85	0.23	10,375.88	6,980.48	-350.52	6,989.17	0.00	0.00	0.00
17,400.00	89.85	0.23	10,376.15	7,080.48	-350.13	7,089.05	0.00	0.00	0.00
17,500.00	89.85	0.23	10,376.41	7,180.48	-349.73	7,188.93	0.00	0.00	0.00
17,600.00	89.85	0.23	10,376.68	7,280.47	-349.33	7,288.81	0.00	0.00	0.00
17,700.00	89.85	0.23	10,376.94	7,380.47	-348.93	7,388.69	0.00	0.00	0.00
17,800.00	89.85	0.23	10,377.21	7,480.47	-348.54	7,488.57	0.00	0.00	0.00
17,900.00	89.85	0.23	10,377.47	7,580.47	-348.14	7,588.46	0.00	0.00	0.00
18,000.00	89.85	0.23	10,377.74	7,680.47	-347.74	7,688.34	0.00	0.00	0.00
18,098.81	89.85	0.23	10,378.00	7,779.28	-347.35	7,787.03	0.00	0.00	0.00
TD at 18098.81									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Fuller 14/11 W1ED Fe - hit/miss target - Shape - Point	0.00	0.00	10,378.00	7,779.28	-347.35	387,194.98	656,428.95	32.063934	-103.961800

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
120.00	120.00	Rustler				
410.00	410.00	Salt Top				
1,270.78	1,270.00	Castile				
2,847.89	2,845.00	Salt Base				
3,023.13	3,020.00	Delaware (Lamar)				
4,124.64	4,120.00	Manzanita Marker				
6,807.26	6,800.00	Bone Spring				
7,742.26	7,735.00	1st Bone Spring Sand				
8,367.26	8,360.00	2nd Bone Spring Sand				
9,627.26	9,620.00	3rd Bone Spring Sand				
9,980.61	9,970.00	Wolfcamp				



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1ED Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1ED Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
500.00	500.00	0.00	0.00	Build 1.0°/100'
800.00	799.86	0.00	-7.85	1300' Hold
2,100.00	2,098.08	0.00	-75.89	Turn 1.5°/100'
2,307.82	2,305.66	-4.83	-83.82	3670' Hold
5,977.48	5,970.31	-175.25	-171.92	Drop 1.5°/100'
6,177.26	6,170.00	-179.89	-174.32	3615' Hold
9,792.66	9,785.40	-179.89	-174.32	Build 10.0°/100'
10,691.16	10,358.36	377.14	-301.90	Turn 2.0°/100'
11,347.54	10,360.09	1,028.09	-374.18	6751' Hold
18,098.81	10,378.00	7,779.28	-347.35	TD at 18098.81



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)
Fuller 14/11 Fed Com Pad
Fuller 14/11W1FC Fed Com #1H

OH

Plan: Plan #1

Standard Planning Report

30 January, 2023



Site: Fuller 14/11 Fed Com Pad
 Well: Fuller 14/11 W1FC Fed Com #1H
 Design: Plan #1
 Wellbore: OH
 Lat: 32.042326
 Long: -103.960765
 GL: 2940.00
 KB: KB=28 @ 2968.00usft (Patterson 595)

WELL DETAILS: Fuller 14/11 W1FC Fed Com #1H

Name	+N/S	+E/W	Northing	Easting	Latitude	Longitude	Shape Point
Fuller 14/11 W1FC Fed Com #1H - BB	0.00	0.00	379335.70	656776.60	32.042326	-103.960765	
Fuller 14/11 W1FC Fed Com #1H - PBHL							

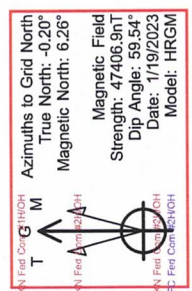
WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/S	+E/W	Northing	Easting	Shape Point
Fuller 14/11 W1FC Fed Com #1H - BB	9105.00	-112.20	1395.39	379223.50	658171.99	
Fuller 14/11 W1FC Fed Com #1H - PBHL	10398.00	7856.82	772.45	387192.52	657549.05	

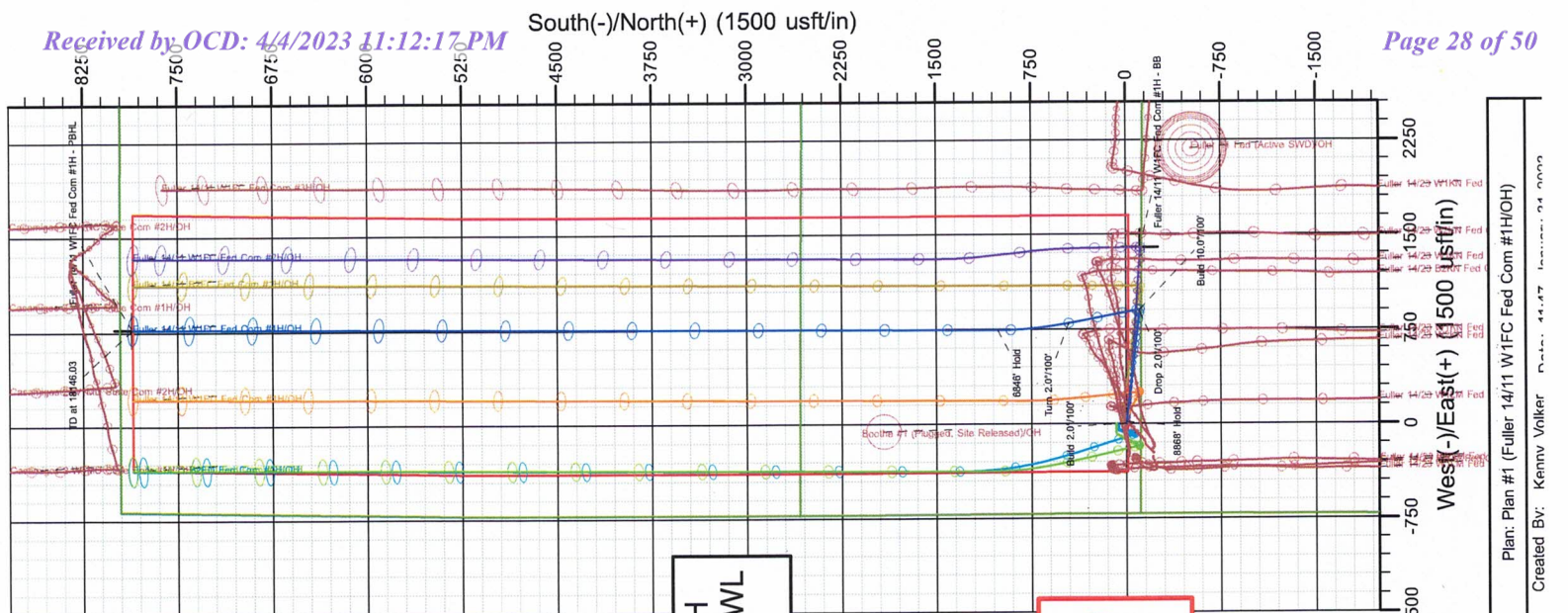
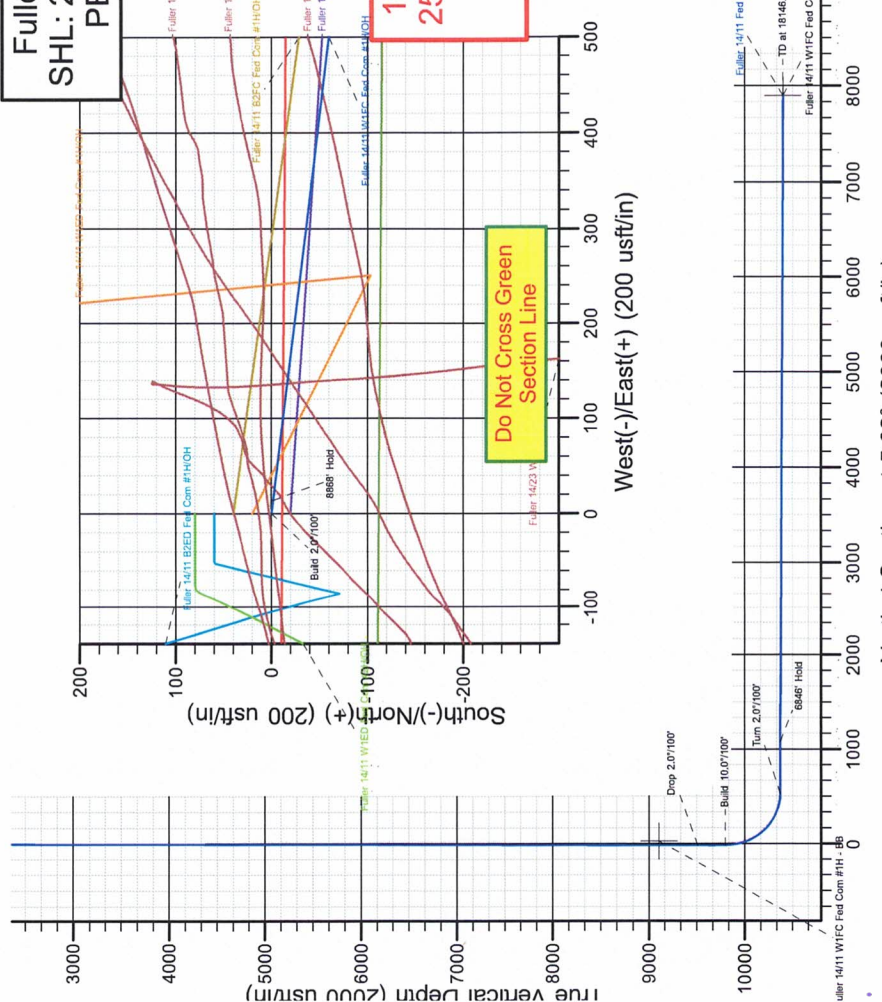
SECTION DETAILS

MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	Build 2.07/100'
685.82	5.72	96.81	685.34	-1.69	14.15	2.00	96.81	-0.30	8868' Hold
9554.28	5.72	96.81	9509.71	-106.40	891.24	0.00	96.81	-18.69	Drop 2.07/100'
9840.10	0.00	0.00	9795.05	-108.09	905.39	2.00	180.00	-18.98	Build 10.07/100'
10737.80	89.77	349.00	10368.00	452.08	796.50	10.00	349.00	527.85	Turn 2.07/100'
11299.74	89.77	0.24	10370.28	1010.65	743.89	2.00	90.03	1078.59	6846' Hold
18146.03	89.77	0.24	10398.00	7856.82	772.45	0.00	0.00	7894.70	TD at 18146.03

Fuller 14/11 W1FC Fed Com #1H
 SHL: 2580' FSL (Sec. 11) & 710' FWL
 PBHL: 100' FNL & 1450' FWL



100' FNL Hard Line (Sec. 11)
 2591' FNL Hard Line (Sec. 14)
 330' FWL Hard Line
 2364' FWL Hard Line





Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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 14/11 Fed Com Pad				
Site Position:		Northing:	379,375.70 usft	Latitude:	32.042436
From:	Map	Easting:	656,776.40 usft	Longitude:	-103.960765
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Fuller 14/11 W1FC Fed Com #1H					
Well Position	+N/-S	0.00 usft	Northing:	379,335.70 usft	Latitude:	32.042326
	+E/-W	0.00 usft	Easting:	656,776.60 usft	Longitude:	-103.960765
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,940.00 usft
Grid Convergence:		0.20 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	1/19/2023	6.45	59.54	47,406.88165090

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	5.62

Plan Survey Tool Program	Date	1/27/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	18,146.03	Plan #1 (OH)	MWD + HDGM MWD + HDGM - Standard

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
685.82	5.72	96.81	685.34	-1.69	14.15	2.00	2.00	0.00	96.81	
9,554.28	5.72	96.81	9,509.71	-106.40	891.24	0.00	0.00	0.00	0.00	
9,840.10	0.00	0.00	9,795.05	-108.09	905.39	2.00	-2.00	0.00	180.00	
10,737.80	89.77	349.00	10,368.00	452.08	796.50	10.00	10.00	0.00	349.00	
11,299.74	89.77	0.24	10,370.28	1,010.65	743.89	2.00	0.00	2.00	90.03	
18,146.03	89.77	0.24	10,398.00	7,856.82	772.45	0.00	0.00	0.00	0.00	Fuller 14/11 W1FC



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler										
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 2.0°/100'										
410.00	0.20	96.81	410.00	0.00	0.02	0.00	2.00	2.00	0.00	
Salt Top										
500.00	2.00	96.81	499.98	-0.21	1.73	-0.04	2.00	2.00	0.00	
600.00	4.00	96.81	599.84	-0.83	6.93	-0.15	2.00	2.00	0.00	
685.82	5.72	96.81	685.34	-1.69	14.15	-0.30	2.00	2.00	0.00	
8868' Hold										
700.00	5.72	96.81	699.46	-1.86	15.55	-0.33	0.00	0.00	0.00	
800.00	5.72	96.81	798.96	-3.04	25.44	-0.53	0.00	0.00	0.00	
900.00	5.72	96.81	898.46	-4.22	35.33	-0.74	0.00	0.00	0.00	
1,000.00	5.72	96.81	997.96	-5.40	45.22	-0.95	0.00	0.00	0.00	
1,100.00	5.72	96.81	1,097.47	-6.58	55.11	-1.16	0.00	0.00	0.00	
1,200.00	5.72	96.81	1,196.97	-7.76	65.00	-1.36	0.00	0.00	0.00	
1,273.40	5.72	96.81	1,270.00	-8.63	72.26	-1.52	0.00	0.00	0.00	
Castile										
1,300.00	5.72	96.81	1,296.47	-8.94	74.89	-1.57	0.00	0.00	0.00	
1,400.00	5.72	96.81	1,395.97	-10.12	84.78	-1.78	0.00	0.00	0.00	
1,500.00	5.72	96.81	1,495.48	-11.30	94.67	-1.99	0.00	0.00	0.00	
1,600.00	5.72	96.81	1,594.98	-12.48	104.56	-2.19	0.00	0.00	0.00	
1,700.00	5.72	96.81	1,694.48	-13.66	114.45	-2.40	0.00	0.00	0.00	
1,800.00	5.72	96.81	1,793.99	-14.84	124.34	-2.61	0.00	0.00	0.00	
1,900.00	5.72	96.81	1,893.49	-16.02	134.23	-2.81	0.00	0.00	0.00	
2,000.00	5.72	96.81	1,992.99	-17.21	144.12	-3.02	0.00	0.00	0.00	
2,100.00	5.72	96.81	2,092.49	-18.39	154.01	-3.23	0.00	0.00	0.00	
2,200.00	5.72	96.81	2,192.00	-19.57	163.90	-3.44	0.00	0.00	0.00	
2,300.00	5.72	96.81	2,291.50	-20.75	173.79	-3.64	0.00	0.00	0.00	
2,400.00	5.72	96.81	2,391.00	-21.93	183.68	-3.85	0.00	0.00	0.00	
2,500.00	5.72	96.81	2,490.50	-23.11	193.57	-4.06	0.00	0.00	0.00	
2,600.00	5.72	96.81	2,590.01	-24.29	203.46	-4.27	0.00	0.00	0.00	
2,700.00	5.72	96.81	2,689.51	-25.47	213.35	-4.47	0.00	0.00	0.00	
2,800.00	5.72	96.81	2,789.01	-26.65	223.24	-4.68	0.00	0.00	0.00	
2,856.27	5.72	96.81	2,845.00	-27.32	228.80	-4.80	0.00	0.00	0.00	
Salt Base										
2,900.00	5.72	96.81	2,888.52	-27.83	233.13	-4.89	0.00	0.00	0.00	
3,000.00	5.72	96.81	2,988.02	-29.01	243.02	-5.10	0.00	0.00	0.00	
3,032.14	5.72	96.81	3,020.00	-29.39	246.20	-5.16	0.00	0.00	0.00	
Delaware (Lamar)										
3,100.00	5.72	96.81	3,087.52	-30.19	252.91	-5.30	0.00	0.00	0.00	
3,200.00	5.72	96.81	3,187.02	-31.37	262.80	-5.51	0.00	0.00	0.00	
3,300.00	5.72	96.81	3,286.53	-32.56	272.69	-5.72	0.00	0.00	0.00	
3,400.00	5.72	96.81	3,386.03	-33.74	282.58	-5.93	0.00	0.00	0.00	
3,500.00	5.72	96.81	3,485.53	-34.92	292.47	-6.13	0.00	0.00	0.00	
3,600.00	5.72	96.81	3,585.03	-36.10	302.36	-6.34	0.00	0.00	0.00	
3,700.00	5.72	96.81	3,684.54	-37.28	312.25	-6.55	0.00	0.00	0.00	
3,800.00	5.72	96.81	3,784.04	-38.46	322.14	-6.75	0.00	0.00	0.00	
3,900.00	5.72	96.81	3,883.54	-39.64	332.03	-6.96	0.00	0.00	0.00	



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
4,000.00	5.72	96.81	3,983.05	-40.82	341.92	-7.17	0.00	0.00	0.00
4,100.00	5.72	96.81	4,082.55	-42.00	351.81	-7.38	0.00	0.00	0.00
4,137.64	5.72	96.81	4,120.00	-42.45	355.53	-7.45	0.00	0.00	0.00
Manzanita Marker									
4,200.00	5.72	96.81	4,182.05	-43.18	361.70	-7.58	0.00	0.00	0.00
4,300.00	5.72	96.81	4,281.55	-44.36	371.59	-7.79	0.00	0.00	0.00
4,400.00	5.72	96.81	4,381.06	-45.54	381.48	-8.00	0.00	0.00	0.00
4,500.00	5.72	96.81	4,480.56	-46.72	391.37	-8.21	0.00	0.00	0.00
4,600.00	5.72	96.81	4,580.06	-47.90	401.26	-8.41	0.00	0.00	0.00
4,700.00	5.72	96.81	4,679.56	-49.09	411.15	-8.62	0.00	0.00	0.00
4,800.00	5.72	96.81	4,779.07	-50.27	421.04	-8.83	0.00	0.00	0.00
4,900.00	5.72	96.81	4,878.57	-51.45	430.93	-9.04	0.00	0.00	0.00
5,000.00	5.72	96.81	4,978.07	-52.63	440.82	-9.24	0.00	0.00	0.00
5,100.00	5.72	96.81	5,077.58	-53.81	450.71	-9.45	0.00	0.00	0.00
5,200.00	5.72	96.81	5,177.08	-54.99	460.60	-9.66	0.00	0.00	0.00
5,300.00	5.72	96.81	5,276.58	-56.17	470.49	-9.87	0.00	0.00	0.00
5,400.00	5.72	96.81	5,376.08	-57.35	480.38	-10.07	0.00	0.00	0.00
5,500.00	5.72	96.81	5,475.59	-58.53	490.27	-10.28	0.00	0.00	0.00
5,600.00	5.72	96.81	5,575.09	-59.71	500.16	-10.49	0.00	0.00	0.00
5,700.00	5.72	96.81	5,674.59	-60.89	510.05	-10.69	0.00	0.00	0.00
5,800.00	5.72	96.81	5,774.09	-62.07	519.94	-10.90	0.00	0.00	0.00
5,900.00	5.72	96.81	5,873.60	-63.25	529.83	-11.11	0.00	0.00	0.00
6,000.00	5.72	96.81	5,973.10	-64.43	539.72	-11.32	0.00	0.00	0.00
6,100.00	5.72	96.81	6,072.60	-65.62	549.61	-11.52	0.00	0.00	0.00
6,200.00	5.72	96.81	6,172.11	-66.80	559.50	-11.73	0.00	0.00	0.00
6,300.00	5.72	96.81	6,271.61	-67.98	569.39	-11.94	0.00	0.00	0.00
6,400.00	5.72	96.81	6,371.11	-69.16	579.28	-12.15	0.00	0.00	0.00
6,500.00	5.72	96.81	6,470.61	-70.34	589.17	-12.35	0.00	0.00	0.00
6,600.00	5.72	96.81	6,570.12	-71.52	599.06	-12.56	0.00	0.00	0.00
6,700.00	5.72	96.81	6,669.62	-72.70	608.95	-12.77	0.00	0.00	0.00
6,800.00	5.72	96.81	6,769.12	-73.88	618.84	-12.98	0.00	0.00	0.00
6,831.03	5.72	96.81	6,800.00	-74.25	621.91	-13.04	0.00	0.00	0.00
Bone Spring									
6,900.00	5.72	96.81	6,868.62	-75.06	628.73	-13.18	0.00	0.00	0.00
7,000.00	5.72	96.81	6,968.13	-76.24	638.62	-13.39	0.00	0.00	0.00
7,100.00	5.72	96.81	7,067.63	-77.42	648.51	-13.60	0.00	0.00	0.00
7,200.00	5.72	96.81	7,167.13	-78.60	658.40	-13.81	0.00	0.00	0.00
7,300.00	5.72	96.81	7,266.64	-79.78	668.29	-14.01	0.00	0.00	0.00
7,400.00	5.72	96.81	7,366.14	-80.97	678.18	-14.22	0.00	0.00	0.00
7,500.00	5.72	96.81	7,465.64	-82.15	688.07	-14.43	0.00	0.00	0.00
7,600.00	5.72	96.81	7,565.14	-83.33	697.96	-14.63	0.00	0.00	0.00
7,700.00	5.72	96.81	7,664.65	-84.51	707.85	-14.84	0.00	0.00	0.00
7,770.71	5.72	96.81	7,735.00	-85.34	714.85	-14.99	0.00	0.00	0.00
1st Bone Spring Sand									
7,800.00	5.72	96.81	7,764.15	-85.69	717.74	-15.05	0.00	0.00	0.00
7,900.00	5.72	96.81	7,863.65	-86.87	727.63	-15.26	0.00	0.00	0.00
8,000.00	5.72	96.81	7,963.15	-88.05	737.52	-15.46	0.00	0.00	0.00
8,100.00	5.72	96.81	8,062.66	-89.23	747.41	-15.67	0.00	0.00	0.00
8,200.00	5.72	96.81	8,162.16	-90.41	757.30	-15.88	0.00	0.00	0.00
8,300.00	5.72	96.81	8,261.66	-91.59	767.19	-16.09	0.00	0.00	0.00
8,398.83	5.72	96.81	8,360.00	-92.76	776.97	-16.29	0.00	0.00	0.00
2nd Bone Spring Sand									
8,400.00	5.72	96.81	8,361.17	-92.77	777.09	-16.29	0.00	0.00	0.00

MEWBOURNE
OIL COMPANY

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
8,500.00	5.72	96.81	8,460.67	-93.95	786.98	-16.50	0.00	0.00	0.00
8,600.00	5.72	96.81	8,560.17	-95.13	796.87	-16.71	0.00	0.00	0.00
8,700.00	5.72	96.81	8,659.67	-96.31	806.76	-16.92	0.00	0.00	0.00
8,800.00	5.72	96.81	8,759.18	-97.50	816.65	-17.12	0.00	0.00	0.00
8,900.00	5.72	96.81	8,858.68	-98.68	826.54	-17.33	0.00	0.00	0.00
9,000.00	5.72	96.81	8,958.18	-99.86	836.43	-17.54	0.00	0.00	0.00
9,100.00	5.72	96.81	9,057.68	-101.04	846.32	-17.75	0.00	0.00	0.00
9,200.00	5.72	96.81	9,157.19	-102.22	856.21	-17.95	0.00	0.00	0.00
9,300.00	5.72	96.81	9,256.69	-103.40	866.10	-18.16	0.00	0.00	0.00
9,400.00	5.72	96.81	9,356.19	-104.58	875.99	-18.37	0.00	0.00	0.00
9,500.00	5.72	96.81	9,455.70	-105.76	885.88	-18.58	0.00	0.00	0.00
9,554.28	5.72	96.81	9,509.71	-106.40	891.24	-18.69	0.00	0.00	0.00
Drop 2.0°/100'									
9,600.00	4.80	96.81	9,555.23	-106.90	895.41	-18.77	2.00	-2.00	0.00
9,664.94	3.50	96.81	9,620.00	-107.46	900.07	-18.87	2.00	-2.00	0.00
3rd Bone Spring Sand									
9,700.00	2.80	96.81	9,655.01	-107.68	901.99	-18.91	2.00	-2.00	0.00
9,800.00	0.80	96.81	9,754.95	-108.06	905.11	-18.98	2.00	-2.00	0.00
9,840.10	0.00	0.00	9,795.05	-108.09	905.39	-18.98	2.00	-2.00	0.00
Build 10.0°/100'									
9,850.00	0.99	349.00	9,804.95	-108.01	905.37	-18.90	10.00	10.00	0.00
9,900.00	5.99	349.00	9,854.84	-105.02	904.79	-15.99	10.00	10.00	0.00
9,950.00	10.99	349.00	9,904.28	-97.78	903.38	-8.91	10.00	10.00	0.00
10,000.00	15.99	349.00	9,952.88	-86.33	901.16	2.26	10.00	10.00	0.00
10,017.89	17.78	349.00	9,970.00	-81.23	900.17	7.24	10.00	10.00	0.00
Wolfcamp									
10,050.00	20.99	349.00	10,000.29	-70.77	898.14	17.45	10.00	10.00	0.00
10,100.00	25.99	349.00	10,046.13	-51.21	894.33	36.54	10.00	10.00	0.00
10,150.00	30.99	349.00	10,090.06	-27.81	889.78	59.39	10.00	10.00	0.00
10,200.00	35.99	349.00	10,131.75	-0.73	884.52	85.82	10.00	10.00	0.00
10,250.00	40.99	349.00	10,170.87	29.81	878.59	115.63	10.00	10.00	0.00
10,300.00	45.99	349.00	10,207.13	63.57	872.02	148.59	10.00	10.00	0.00
10,350.00	50.99	349.00	10,240.26	100.32	864.88	184.46	10.00	10.00	0.00
10,400.00	55.99	349.00	10,270.00	139.75	857.21	222.96	10.00	10.00	0.00
10,450.00	60.99	349.00	10,296.12	181.58	849.08	263.79	10.00	10.00	0.00
10,500.00	65.99	349.00	10,318.43	225.49	840.55	306.65	10.00	10.00	0.00
10,550.00	70.99	349.00	10,336.76	271.14	831.68	351.21	10.00	10.00	0.00
10,600.00	75.99	349.00	10,350.96	318.18	822.53	397.14	10.00	10.00	0.00
10,650.00	80.99	349.00	10,360.94	366.26	813.19	444.07	10.00	10.00	0.00
10,700.00	85.99	349.00	10,366.61	415.01	803.71	491.66	10.00	10.00	0.00
10,737.80	89.77	349.00	10,368.00	452.08	796.50	527.85	10.00	10.00	0.00
Turn 2.0°/100'									
10,800.00	89.77	350.24	10,368.25	513.27	785.30	587.64	2.00	0.00	2.00
10,900.00	89.77	352.24	10,368.66	612.09	770.08	684.50	2.00	0.00	2.00
11,000.00	89.77	354.24	10,369.06	711.39	758.31	782.18	2.00	0.00	2.00
11,100.00	89.77	356.24	10,369.47	811.04	750.02	880.54	2.00	0.00	2.00
11,200.00	89.77	358.24	10,369.87	910.92	745.22	979.47	2.00	0.00	2.00
11,299.74	89.77	0.24	10,370.28	1,010.65	743.89	1,078.59	2.00	0.00	2.00
6846' Hold									
11,400.00	89.77	0.24	10,370.68	1,110.91	744.31	1,178.40	0.00	0.00	0.00
11,500.00	89.77	0.24	10,371.09	1,210.90	744.73	1,277.96	0.00	0.00	0.00
11,600.00	89.77	0.24	10,371.49	1,310.90	745.15	1,377.52	0.00	0.00	0.00
11,700.00	89.77	0.24	10,371.90	1,410.90	745.56	1,477.08	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
11,800.00	89.77	0.24	10,372.30	1,510.90	745.98	1,576.64	0.00	0.00	0.00
11,900.00	89.77	0.24	10,372.71	1,610.90	746.40	1,676.20	0.00	0.00	0.00
12,000.00	89.77	0.24	10,373.11	1,710.90	746.82	1,775.76	0.00	0.00	0.00
12,100.00	89.77	0.24	10,373.52	1,810.89	747.23	1,875.32	0.00	0.00	0.00
12,200.00	89.77	0.24	10,373.92	1,910.89	747.65	1,974.88	0.00	0.00	0.00
12,300.00	89.77	0.24	10,374.33	2,010.89	748.07	2,074.44	0.00	0.00	0.00
12,400.00	89.77	0.24	10,374.73	2,110.89	748.48	2,174.00	0.00	0.00	0.00
12,500.00	89.77	0.24	10,375.14	2,210.89	748.90	2,273.55	0.00	0.00	0.00
12,600.00	89.77	0.24	10,375.54	2,310.89	749.32	2,373.11	0.00	0.00	0.00
12,700.00	89.77	0.24	10,375.95	2,410.88	749.74	2,472.67	0.00	0.00	0.00
12,800.00	89.77	0.24	10,376.35	2,510.88	750.15	2,572.23	0.00	0.00	0.00
12,900.00	89.77	0.24	10,376.76	2,610.88	750.57	2,671.79	0.00	0.00	0.00
13,000.00	89.77	0.24	10,377.16	2,710.88	750.99	2,771.35	0.00	0.00	0.00
13,100.00	89.77	0.24	10,377.57	2,810.88	751.40	2,870.91	0.00	0.00	0.00
13,200.00	89.77	0.24	10,377.97	2,910.88	751.82	2,970.47	0.00	0.00	0.00
13,300.00	89.77	0.24	10,378.38	3,010.87	752.24	3,070.03	0.00	0.00	0.00
13,400.00	89.77	0.24	10,378.78	3,110.87	752.65	3,169.59	0.00	0.00	0.00
13,500.00	89.77	0.24	10,379.19	3,210.87	753.07	3,269.15	0.00	0.00	0.00
13,600.00	89.77	0.24	10,379.59	3,310.87	753.49	3,368.71	0.00	0.00	0.00
13,700.00	89.77	0.24	10,380.00	3,410.87	753.91	3,468.27	0.00	0.00	0.00
13,800.00	89.77	0.24	10,380.40	3,510.87	754.32	3,567.83	0.00	0.00	0.00
13,900.00	89.77	0.24	10,380.81	3,610.86	754.74	3,667.38	0.00	0.00	0.00
14,000.00	89.77	0.24	10,381.21	3,710.86	755.16	3,766.94	0.00	0.00	0.00
14,100.00	89.77	0.24	10,381.62	3,810.86	755.57	3,866.50	0.00	0.00	0.00
14,200.00	89.77	0.24	10,382.02	3,910.86	755.99	3,966.06	0.00	0.00	0.00
14,300.00	89.77	0.24	10,382.43	4,010.86	756.41	4,065.62	0.00	0.00	0.00
14,400.00	89.77	0.24	10,382.83	4,110.86	756.83	4,165.18	0.00	0.00	0.00
14,500.00	89.77	0.24	10,383.24	4,210.85	757.24	4,264.74	0.00	0.00	0.00
14,600.00	89.77	0.24	10,383.64	4,310.85	757.66	4,364.30	0.00	0.00	0.00
14,700.00	89.77	0.24	10,384.05	4,410.85	758.08	4,463.86	0.00	0.00	0.00
14,800.00	89.77	0.24	10,384.45	4,510.85	758.49	4,563.42	0.00	0.00	0.00
14,900.00	89.77	0.24	10,384.86	4,610.85	758.91	4,662.98	0.00	0.00	0.00
15,000.00	89.77	0.24	10,385.26	4,710.85	759.33	4,762.54	0.00	0.00	0.00
15,100.00	89.77	0.24	10,385.67	4,810.84	759.75	4,862.10	0.00	0.00	0.00
15,200.00	89.77	0.24	10,386.07	4,910.84	760.16	4,961.66	0.00	0.00	0.00
15,300.00	89.77	0.24	10,386.48	5,010.84	760.58	5,061.22	0.00	0.00	0.00
15,400.00	89.77	0.24	10,386.88	5,110.84	761.00	5,160.77	0.00	0.00	0.00
15,500.00	89.77	0.24	10,387.29	5,210.84	761.41	5,260.33	0.00	0.00	0.00
15,600.00	89.77	0.24	10,387.69	5,310.83	761.83	5,359.89	0.00	0.00	0.00
15,700.00	89.77	0.24	10,388.10	5,410.83	762.25	5,459.45	0.00	0.00	0.00
15,800.00	89.77	0.24	10,388.50	5,510.83	762.66	5,559.01	0.00	0.00	0.00
15,900.00	89.77	0.24	10,388.91	5,610.83	763.08	5,658.57	0.00	0.00	0.00
16,000.00	89.77	0.24	10,389.31	5,710.83	763.50	5,758.13	0.00	0.00	0.00
16,100.00	89.77	0.24	10,389.71	5,810.83	763.92	5,857.69	0.00	0.00	0.00
16,200.00	89.77	0.24	10,390.12	5,910.82	764.33	5,957.25	0.00	0.00	0.00
16,300.00	89.77	0.24	10,390.52	6,010.82	764.75	6,056.81	0.00	0.00	0.00
16,400.00	89.77	0.24	10,390.93	6,110.82	765.17	6,156.37	0.00	0.00	0.00
16,500.00	89.77	0.24	10,391.33	6,210.82	765.58	6,255.93	0.00	0.00	0.00
16,600.00	89.77	0.24	10,391.74	6,310.82	766.00	6,355.49	0.00	0.00	0.00
16,700.00	89.77	0.24	10,392.14	6,410.82	766.42	6,455.05	0.00	0.00	0.00
16,800.00	89.77	0.24	10,392.55	6,510.81	766.84	6,554.60	0.00	0.00	0.00
16,900.00	89.77	0.24	10,392.95	6,610.81	767.25	6,654.16	0.00	0.00	0.00
17,000.00	89.77	0.24	10,393.36	6,710.81	767.67	6,753.72	0.00	0.00	0.00
17,100.00	89.77	0.24	10,393.76	6,810.81	768.09	6,853.28	0.00	0.00	0.00



Planning Report

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Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,200.00	89.77	0.24	10,394.17	6,910.81	768.50	6,952.84	0.00	0.00	0.00
17,300.00	89.77	0.24	10,394.57	7,010.81	768.92	7,052.40	0.00	0.00	0.00
17,400.00	89.77	0.24	10,394.98	7,110.80	769.34	7,151.96	0.00	0.00	0.00
17,500.00	89.77	0.24	10,395.38	7,210.80	769.76	7,251.52	0.00	0.00	0.00
17,600.00	89.77	0.24	10,395.79	7,310.80	770.17	7,351.08	0.00	0.00	0.00
17,700.00	89.77	0.24	10,396.19	7,410.80	770.59	7,450.64	0.00	0.00	0.00
17,800.00	89.77	0.24	10,396.60	7,510.80	771.01	7,550.20	0.00	0.00	0.00
17,900.00	89.77	0.24	10,397.00	7,610.80	771.42	7,649.76	0.00	0.00	0.00
18,000.00	89.77	0.24	10,397.41	7,710.79	771.84	7,749.32	0.00	0.00	0.00
18,100.00	89.77	0.24	10,397.81	7,810.79	772.26	7,848.88	0.00	0.00	0.00
18,146.03	89.77	0.24	10,398.00	7,856.82	772.45	7,894.70	0.00	0.00	0.00
TD at 18146.03									

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- Shape									
Fuller 14/11 W1FC Fe	0.00	0.00	9,105.00	-112.20	1,395.39	379,223.50	658,171.99	32.042005	-103.956263
- plan misses target center by 541.79usft at 9201.52usft MD (9158.70 TVD, -102.24 N, 856.36 E)									
- Point									
Fuller 14/11 W1FC Fe	0.00	0.00	10,398.00	7,856.82	772.45	387,192.52	657,549.05	32.063917	-103.958184
- plan hits target center									
- Point									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
120.00	120.00	Rustler			
410.00	410.00	Salt Top			
1,273.40	1,270.00	Castile			
2,856.27	2,845.00	Salt Base			
3,032.14	3,020.00	Delaware (Lamar)			
4,137.64	4,120.00	Manzanita Marker			
6,831.03	6,800.00	Bone Spring			
7,770.71	7,735.00	1st Bone Spring Sand			
8,398.83	8,360.00	2nd Bone Spring Sand			
9,664.94	9,620.00	3rd Bone Spring Sand			
10,017.89	9,970.00	Wolfcamp			



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
400.00	400.00	0.00	0.00	Build 2.0°/100'
685.82	685.34	-1.69	14.15	8868' Hold
9,554.28	9,509.71	-106.40	891.24	Drop 2.0°/100'
9,840.10	9,795.05	-108.09	905.39	Build 10.0°/100'
10,737.80	10,368.00	452.08	796.50	Turn 2.0°/100'
11,299.74	10,370.28	1,010.65	743.89	6846' Hold
18,146.03	10,398.00	7,856.82	772.45	TD at 18146.03



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Eddy Co., NM (NAD 83)
Fuller 14/11 Fed Com Pad
Fuller 14/11 W1FC Fed Com #2H

OH

Plan: Plan #1

Standard Planning Report

30 January, 2023



**MEWBOURNE
OIL COMPANY**

Project: Leaky Co., Inc. (19015.56)
 Site: Fuller 14/11 Fed Com Pad
 Well: Fuller 14/11 W1FC Fed Com #2H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.042271
 Long: -103.960765
 GL: 2940.00
 KB: KB=28 @ 2968.00usft (Patterson 595)

WELL DETAILS: Fuller 14/11 W1FC Fed Com #2H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	379315.70	656776.70	32.042271	-103.960765

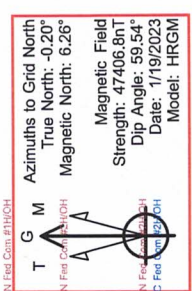
WELLBORE TARGET DETAILS (LAT/LONG)

Name	MD	Inc	Azi	TVD	+N/-S	+E/-W	TVSect	Shape Point
Fuller 14/11 W1FC Fed Com #2H - BB	0.00	0.00	0.00	0.00	-92.20	1395.29	0.00	658171.99
Fuller 14/11 W1FC Fed Com #2H - PBHL	882.65	9.65	93.78	880.37	40.47	93.78	4.11	658709.10
	8738.13	9.65	93.78	8624.63	1354.82	0.00	137.73	
	9220.78	0.00	0.00	9105.00	-92.20	180.00	141.84	
	9720.83	0.00	0.00	9605.05	1395.29	0.00	141.84	
	10618.53	89.77	359.00	10178.11	739.55	10.00	359.00	
	10880.33	89.75	353.76	10179.11	1368.82	2.00	957.52	
	11296.27	89.75	353.76	10180.94	1323.84	0.00	1357.87	
	11619.56	89.77	0.23	10182.31	1306.71	2.00	89.81	
	18019.56	89.77	0.23	10208.00	1332.40	0.00	7987.51	

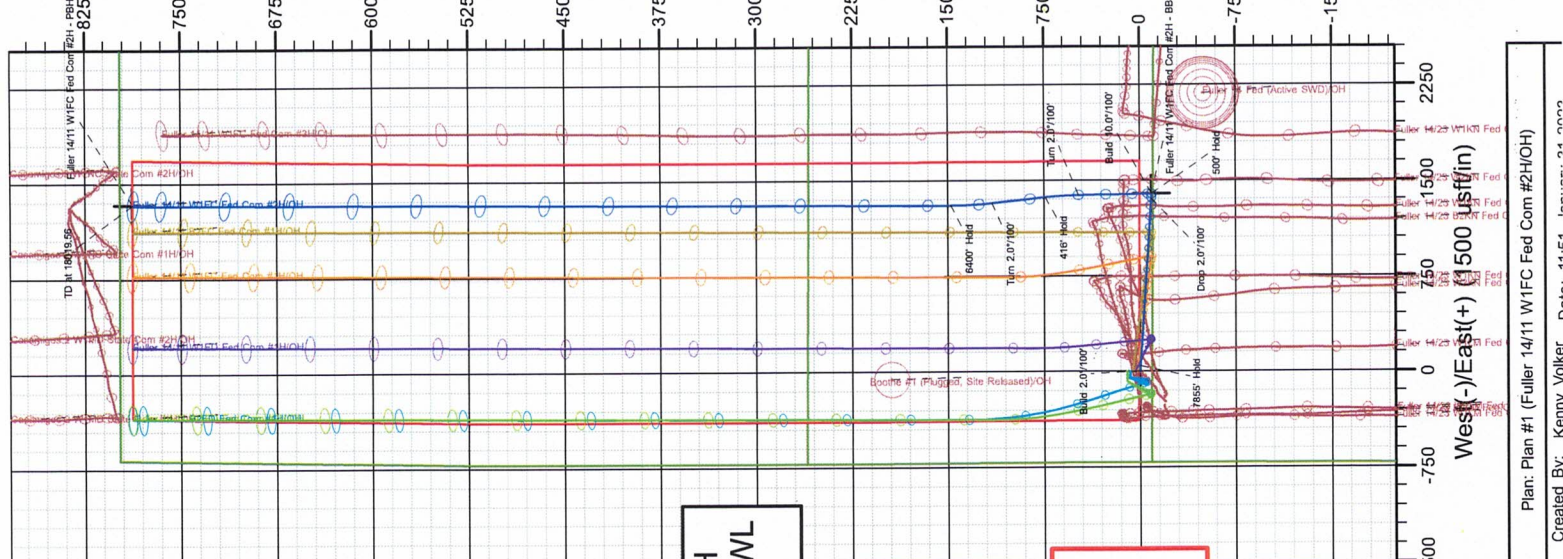
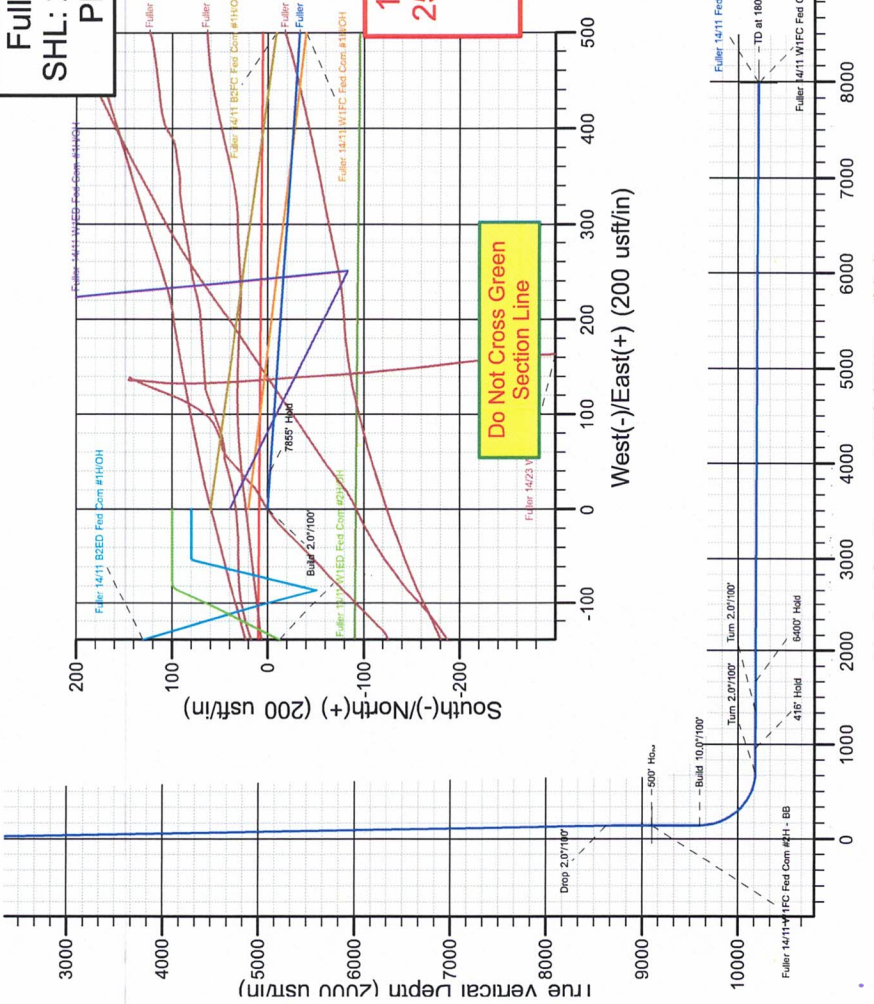
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	TVSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	Build 2.0°/100'
882.65	9.65	93.78	880.37	-2.67	40.47	4.11	7855' Hold
8738.13	9.65	93.78	8624.63	-89.53	1354.82	0.00	137.73 Drop 2.0°/100'
9220.78	0.00	0.00	9105.00	-92.20	1395.29	2.00	141.84 500' Hold
9720.83	0.00	0.00	9605.05	1395.29	0.00	0.00	141.84 Turn 10.0°/100'
10618.53	89.77	359.00	10178.11	739.55	10.00	359.00	702.76 Turn 2.0°/100'
10880.33	89.75	353.76	10179.11	1368.82	2.00	-90.26	416' Hold
11296.27	89.75	353.76	10180.94	1323.84	0.00	0.00	1357.87 Turn 2.0°/100'
11619.56	89.77	0.23	10182.31	1306.71	2.00	89.81	6400' Hold
18019.56	89.77	0.23	10208.00	1332.40	0.00	7987.51	TD at 18019.56

Fuller 14/11 W1FC Fed Com #2H
 SHL: 2600' FSL (Sec. 11) & 710' FWL
 PBHL: 100' FNL & 2010' FWL



100' FNL Hard Line (Sec. 11)
 2591' FNL Hard Line (Sec. 14)
 330' FWL Hard Line
 2364' FWL Hard Line





Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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 14/11 Fed Com Pad				
Site Position:		Northing:	379,375.70 usft	Latitude:	32.042436
From:	Map	Easting:	656,776.40 usft	Longitude:	-103.960765
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Fuller 14/11 W1FC Fed Com #2H					
Well Position	+N/-S	0.00 usft	Northing:	379,315.70 usft	Latitude:	32.042271
	+E/-W	0.00 usft	Easting:	656,776.70 usft	Longitude:	-103.960765
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	2,940.00 usft
Grid Convergence:	0.20 °					

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	1/19/2023	6.45	59.54	47,406.82183166

Design	Plan #1
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	9.60

Plan Survey Tool Program		Date			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	18,019.56	Plan #1 (OH)	MWD + HDGM	
				MWD + HDGM - Standard	



Planning Report

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Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
882.65	9.65	93.78	880.37	-2.67	40.47	2.00	2.00	0.00	93.78	
8,738.13	9.65	93.78	8,624.63	-89.53	1,354.82	0.00	0.00	0.00	0.00	
9,220.78	0.00	0.01	9,105.00	-92.20	1,395.29	2.00	-2.00	0.00	180.00	Fuller 14/11 W1FC
9,720.83	0.00	0.01	9,605.05	-92.20	1,395.29	0.00	0.00	0.00	0.01	
10,618.53	89.77	359.00	10,178.00	478.37	1,385.33	10.00	10.00	0.00	359.00	
10,880.33	89.75	353.76	10,179.11	739.55	1,368.82	2.00	-0.01	-2.00	-90.26	
11,296.27	89.75	353.76	10,180.94	1,153.03	1,323.64	0.00	0.00	0.00	0.00	
11,619.56	89.77	0.23	10,182.31	1,475.70	1,306.71	2.00	0.01	2.00	89.81	
18,019.56	89.77	0.23	10,208.00	7,875.60	1,332.40	0.00	0.00	0.00	0.00	Fuller 14/11 W1FC



Planning Report

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Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rustler										
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
Build 2.0°/100'										
410.00	0.20	93.78	410.00	0.00	0.02	0.00	2.00	2.00	0.00	
Salt Top										
500.00	2.00	93.78	499.98	-0.12	1.74	0.18	2.00	2.00	0.00	
600.00	4.00	93.78	599.84	-0.46	6.96	0.71	2.00	2.00	0.00	
700.00	6.00	93.78	699.45	-1.03	15.66	1.59	2.00	2.00	0.00	
800.00	8.00	93.78	798.70	-1.84	27.82	2.83	2.00	2.00	0.00	
882.65	9.65	93.78	880.37	-2.67	40.47	4.11	2.00	2.00	0.00	
7855' Hold										
900.00	9.65	93.78	897.47	-2.87	43.38	4.41	0.00	0.00	0.00	
1,000.00	9.65	93.78	996.06	-3.97	60.11	6.11	0.00	0.00	0.00	
1,100.00	9.65	93.78	1,094.64	-5.08	76.84	7.81	0.00	0.00	0.00	
1,200.00	9.65	93.78	1,193.23	-6.18	93.57	9.51	0.00	0.00	0.00	
1,277.88	9.65	93.78	1,270.00	-7.04	106.60	10.84	0.00	0.00	0.00	
Castile										
1,300.00	9.65	93.78	1,291.81	-7.29	110.30	11.21	0.00	0.00	0.00	
1,400.00	9.65	93.78	1,390.40	-8.39	127.03	12.91	0.00	0.00	0.00	
1,500.00	9.65	93.78	1,488.98	-9.50	143.77	14.61	0.00	0.00	0.00	
1,600.00	9.65	93.78	1,587.56	-10.61	160.50	16.32	0.00	0.00	0.00	
1,700.00	9.65	93.78	1,686.15	-11.71	177.23	18.02	0.00	0.00	0.00	
1,800.00	9.65	93.78	1,784.73	-12.82	193.96	19.72	0.00	0.00	0.00	
1,900.00	9.65	93.78	1,883.32	-13.92	210.69	21.42	0.00	0.00	0.00	
2,000.00	9.65	93.78	1,981.90	-15.03	227.42	23.12	0.00	0.00	0.00	
2,100.00	9.65	93.78	2,080.48	-16.13	244.15	24.82	0.00	0.00	0.00	
2,200.00	9.65	93.78	2,179.07	-17.24	260.89	26.52	0.00	0.00	0.00	
2,300.00	9.65	93.78	2,277.65	-18.34	277.62	28.22	0.00	0.00	0.00	
2,400.00	9.65	93.78	2,376.24	-19.45	294.35	29.92	0.00	0.00	0.00	
2,500.00	9.65	93.78	2,474.82	-20.56	311.08	31.62	0.00	0.00	0.00	
2,600.00	9.65	93.78	2,573.40	-21.66	327.81	33.32	0.00	0.00	0.00	
2,700.00	9.65	93.78	2,671.99	-22.77	344.54	35.03	0.00	0.00	0.00	
2,800.00	9.65	93.78	2,770.57	-23.87	361.28	36.73	0.00	0.00	0.00	
2,875.50	9.65	93.78	2,845.00	-24.71	373.91	38.01	0.00	0.00	0.00	
Salt Base										
2,900.00	9.65	93.78	2,869.16	-24.98	378.01	38.43	0.00	0.00	0.00	
3,000.00	9.65	93.78	2,967.74	-26.08	394.74	40.13	0.00	0.00	0.00	
3,053.01	9.65	93.78	3,020.00	-26.67	403.61	41.03	0.00	0.00	0.00	
Delaware (Lamar)										
3,100.00	9.65	93.78	3,066.33	-27.19	411.47	41.83	0.00	0.00	0.00	
3,200.00	9.65	93.78	3,164.91	-28.30	428.20	43.53	0.00	0.00	0.00	
3,300.00	9.65	93.78	3,263.49	-29.40	444.93	45.23	0.00	0.00	0.00	
3,400.00	9.65	93.78	3,362.08	-30.51	461.66	46.93	0.00	0.00	0.00	
3,500.00	9.65	93.78	3,460.66	-31.61	478.40	48.63	0.00	0.00	0.00	
3,600.00	9.65	93.78	3,559.25	-32.72	495.13	50.33	0.00	0.00	0.00	
3,700.00	9.65	93.78	3,657.83	-33.82	511.86	52.03	0.00	0.00	0.00	
3,800.00	9.65	93.78	3,756.41	-34.93	528.59	53.73	0.00	0.00	0.00	
3,900.00	9.65	93.78	3,855.00	-36.03	545.32	55.44	0.00	0.00	0.00	

MEWBOURNE
OIL COMPANY

Planning Report

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Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
4,000.00	9.65	93.78	3,953.58	-37.14	562.05	57.14	0.00	0.00	0.00
4,100.00	9.65	93.78	4,052.17	-38.25	578.79	58.84	0.00	0.00	0.00
4,168.81	9.65	93.78	4,120.00	-39.01	590.30	60.01	0.00	0.00	0.00
Manzanita Marker									
4,200.00	9.65	93.78	4,150.75	-39.35	595.52	60.54	0.00	0.00	0.00
4,300.00	9.65	93.78	4,249.34	-40.46	612.25	62.24	0.00	0.00	0.00
4,400.00	9.65	93.78	4,347.92	-41.56	628.98	63.94	0.00	0.00	0.00
4,500.00	9.65	93.78	4,446.50	-42.67	645.71	65.64	0.00	0.00	0.00
4,600.00	9.65	93.78	4,545.09	-43.77	662.44	67.34	0.00	0.00	0.00
4,700.00	9.65	93.78	4,643.67	-44.88	679.17	69.04	0.00	0.00	0.00
4,800.00	9.65	93.78	4,742.26	-45.99	695.91	70.74	0.00	0.00	0.00
4,900.00	9.65	93.78	4,840.84	-47.09	712.64	72.44	0.00	0.00	0.00
5,000.00	9.65	93.78	4,939.42	-48.20	729.37	74.15	0.00	0.00	0.00
5,100.00	9.65	93.78	5,038.01	-49.30	746.10	75.85	0.00	0.00	0.00
5,200.00	9.65	93.78	5,136.59	-50.41	762.83	77.55	0.00	0.00	0.00
5,300.00	9.65	93.78	5,235.18	-51.51	779.56	79.25	0.00	0.00	0.00
5,400.00	9.65	93.78	5,333.76	-52.62	796.30	80.95	0.00	0.00	0.00
5,500.00	9.65	93.78	5,432.34	-53.72	813.03	82.65	0.00	0.00	0.00
5,600.00	9.65	93.78	5,530.93	-54.83	829.76	84.35	0.00	0.00	0.00
5,700.00	9.65	93.78	5,629.51	-55.94	846.49	86.05	0.00	0.00	0.00
5,800.00	9.65	93.78	5,728.10	-57.04	863.22	87.75	0.00	0.00	0.00
5,900.00	9.65	93.78	5,826.68	-58.15	879.95	89.45	0.00	0.00	0.00
6,000.00	9.65	93.78	5,925.27	-59.25	896.68	91.15	0.00	0.00	0.00
6,100.00	9.65	93.78	6,023.85	-60.36	913.42	92.85	0.00	0.00	0.00
6,200.00	9.65	93.78	6,122.43	-61.46	930.15	94.56	0.00	0.00	0.00
6,300.00	9.65	93.78	6,221.02	-62.57	946.88	96.26	0.00	0.00	0.00
6,400.00	9.65	93.78	6,319.60	-63.67	963.61	97.96	0.00	0.00	0.00
6,500.00	9.65	93.78	6,418.19	-64.78	980.34	99.66	0.00	0.00	0.00
6,600.00	9.65	93.78	6,516.77	-65.89	997.07	101.36	0.00	0.00	0.00
6,700.00	9.65	93.78	6,615.35	-66.99	1,013.81	103.06	0.00	0.00	0.00
6,800.00	9.65	93.78	6,713.94	-68.10	1,030.54	104.76	0.00	0.00	0.00
6,887.30	9.65	93.78	6,800.00	-69.06	1,045.14	106.25	0.00	0.00	0.00
Bone Spring									
6,900.00	9.65	93.78	6,812.52	-69.20	1,047.27	106.46	0.00	0.00	0.00
7,000.00	9.65	93.78	6,911.11	-70.31	1,064.00	108.16	0.00	0.00	0.00
7,100.00	9.65	93.78	7,009.69	-71.41	1,080.73	109.86	0.00	0.00	0.00
7,200.00	9.65	93.78	7,108.28	-72.52	1,097.46	111.56	0.00	0.00	0.00
7,300.00	9.65	93.78	7,206.86	-73.63	1,114.19	113.27	0.00	0.00	0.00
7,400.00	9.65	93.78	7,305.44	-74.73	1,130.93	114.97	0.00	0.00	0.00
7,500.00	9.65	93.78	7,404.03	-75.84	1,147.66	116.67	0.00	0.00	0.00
7,600.00	9.65	93.78	7,502.61	-76.94	1,164.39	118.37	0.00	0.00	0.00
7,700.00	9.65	93.78	7,601.20	-78.05	1,181.12	120.07	0.00	0.00	0.00
7,800.00	9.65	93.78	7,699.78	-79.15	1,197.85	121.77	0.00	0.00	0.00
7,835.73	9.65	93.78	7,735.00	-79.55	1,203.83	122.38	0.00	0.00	0.00
1st Bone Spring Sand									
7,900.00	9.65	93.78	7,798.36	-80.26	1,214.58	123.47	0.00	0.00	0.00
8,000.00	9.65	93.78	7,896.95	-81.36	1,231.32	125.17	0.00	0.00	0.00
8,100.00	9.65	93.78	7,995.53	-82.47	1,248.05	126.87	0.00	0.00	0.00
8,200.00	9.65	93.78	8,094.12	-83.58	1,264.78	128.57	0.00	0.00	0.00
8,300.00	9.65	93.78	8,192.70	-84.68	1,281.51	130.27	0.00	0.00	0.00
8,400.00	9.65	93.78	8,291.29	-85.79	1,298.24	131.98	0.00	0.00	0.00
8,469.70	9.65	93.78	8,360.00	-86.56	1,309.90	133.16	0.00	0.00	0.00
2nd Bone Spring Sand									

MEWBOURNE
OIL COMPANY

Planning Report

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Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
8,500.00	9.65	93.78	8,389.87	-86.89	1,314.97	133.68	0.00	0.00	0.00
8,600.00	9.65	93.78	8,488.45	-88.00	1,331.71	135.38	0.00	0.00	0.00
8,700.00	9.65	93.78	8,587.04	-89.10	1,348.44	137.08	0.00	0.00	0.00
8,738.13	9.65	93.78	8,624.63	-89.53	1,354.82	137.73	0.00	0.00	0.00
Drop 2.0°/100'									
8,800.00	8.42	93.78	8,685.73	-90.17	1,364.51	138.71	2.00	-2.00	0.00
8,900.00	6.42	93.78	8,784.89	-91.02	1,377.39	140.02	2.00	-2.00	0.00
9,000.00	4.42	93.78	8,884.44	-91.64	1,386.81	140.98	2.00	-2.00	0.00
9,100.00	2.42	93.78	8,984.25	-92.03	1,392.75	141.58	2.00	-2.00	0.00
9,200.00	0.42	93.78	9,084.22	-92.20	1,395.21	141.83	2.00	-2.00	0.00
9,220.78	0.00	0.00	9,105.00	-92.20	1,395.29	141.84	2.00	-2.00	0.00
500' Hold									
9,300.00	0.00	0.00	9,184.22	-92.20	1,395.29	141.84	0.00	0.00	0.00
9,400.00	0.00	0.00	9,284.22	-92.20	1,395.29	141.84	0.00	0.00	0.00
9,500.00	0.00	0.00	9,384.22	-92.20	1,395.29	141.84	0.00	0.00	0.00
9,600.00	0.00	0.00	9,484.22	-92.20	1,395.29	141.84	0.00	0.00	0.00
9,700.00	0.00	0.00	9,584.22	-92.20	1,395.29	141.84	0.00	0.00	0.00
9,720.83	0.00	0.00	9,605.05	-92.20	1,395.29	141.84	0.00	0.00	0.00
Build 10.0°/100'									
9,735.78	1.50	359.00	9,620.00	-92.00	1,395.29	142.03	10.00	10.00	0.00
3rd Bone Spring Sand									
9,750.00	2.92	359.00	9,634.21	-91.46	1,395.28	142.57	10.00	10.00	0.00
9,800.00	7.92	359.00	9,683.97	-86.74	1,395.19	147.21	10.00	10.00	0.00
9,850.00	12.92	359.00	9,733.13	-77.70	1,395.04	156.09	10.00	10.00	0.00
9,900.00	17.92	359.00	9,781.31	-64.42	1,394.81	169.15	10.00	10.00	0.00
9,950.00	22.92	359.00	9,828.16	-46.98	1,394.50	186.29	10.00	10.00	0.00
10,000.00	27.92	359.00	9,873.30	-25.53	1,394.13	207.38	10.00	10.00	0.00
10,050.00	32.92	359.00	9,916.41	-0.23	1,393.68	232.25	10.00	10.00	0.00
10,100.00	37.92	359.00	9,957.14	28.73	1,393.18	260.72	10.00	10.00	0.00
10,116.49	39.57	359.00	9,970.00	39.05	1,393.00	270.87	10.00	10.00	0.00
Wolfcamp									
10,150.00	42.92	359.00	9,995.20	61.13	1,392.61	292.58	10.00	10.00	0.00
10,200.00	47.92	359.00	10,030.28	96.73	1,391.99	327.57	10.00	10.00	0.00
10,250.00	52.92	359.00	10,062.13	135.24	1,391.32	365.44	10.00	10.00	0.00
10,300.00	57.92	359.00	10,090.50	176.39	1,390.60	405.89	10.00	10.00	0.00
10,350.00	62.92	359.00	10,115.18	219.85	1,389.84	448.61	10.00	10.00	0.00
10,400.00	67.92	359.00	10,135.97	265.30	1,389.05	493.29	10.00	10.00	0.00
10,450.00	72.92	359.00	10,152.73	312.38	1,388.23	539.58	10.00	10.00	0.00
10,500.00	77.92	359.00	10,165.31	360.75	1,387.38	587.13	10.00	10.00	0.00
10,550.00	82.92	359.00	10,173.64	410.03	1,386.52	635.57	10.00	10.00	0.00
10,600.00	87.92	359.00	10,177.63	459.85	1,385.65	684.54	10.00	10.00	0.00
10,618.53	89.77	359.00	10,178.00	478.37	1,385.33	702.76	10.00	10.00	0.00
Turn 2.0°/100'									
10,700.00	89.76	357.37	10,178.34	559.79	1,382.75	782.61	2.00	-0.01	-2.00
10,800.00	89.75	355.37	10,178.76	659.59	1,376.42	879.95	2.00	-0.01	-2.00
10,880.33	89.75	353.76	10,179.11	739.55	1,368.82	957.52	2.00	-0.01	-2.00
416' Hold									
10,900.00	89.75	353.76	10,179.19	759.11	1,366.68	976.45	0.00	0.00	0.00
11,000.00	89.75	353.76	10,179.64	858.51	1,355.82	1,072.65	0.00	0.00	0.00
11,100.00	89.75	353.76	10,180.08	957.92	1,344.96	1,168.85	0.00	0.00	0.00
11,200.00	89.75	353.76	10,180.52	1,057.33	1,334.09	1,265.06	0.00	0.00	0.00
11,296.27	89.75	353.76	10,180.94	1,153.03	1,323.64	1,357.67	0.00	0.00	0.00
Turn 2.0°/100'									



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
11,300.00	89.75	353.84	10,180.96	1,156.74	1,323.23	1,361.26	2.00	0.01	2.00
11,400.00	89.75	355.84	10,181.40	1,256.32	1,314.24	1,457.95	2.00	0.01	2.00
11,500.00	89.76	357.84	10,181.82	1,356.17	1,308.72	1,555.47	2.00	0.01	2.00
11,600.00	89.77	359.84	10,182.23	1,456.14	1,306.70	1,653.71	2.00	0.01	2.00
11,619.56	89.77	0.23	10,182.31	1,475.70	1,306.71	1,673.00	2.00	0.01	2.00
6400' Hold									
11,700.00	89.77	0.23	10,182.63	1,556.14	1,307.03	1,752.36	0.00	0.00	0.00
11,800.00	89.77	0.23	10,183.03	1,656.14	1,307.43	1,851.03	0.00	0.00	0.00
11,900.00	89.77	0.23	10,183.43	1,756.14	1,307.83	1,949.69	0.00	0.00	0.00
12,000.00	89.77	0.23	10,183.84	1,856.13	1,308.24	2,048.36	0.00	0.00	0.00
12,100.00	89.77	0.23	10,184.24	1,956.13	1,308.64	2,147.02	0.00	0.00	0.00
12,200.00	89.77	0.23	10,184.64	2,056.13	1,309.04	2,245.68	0.00	0.00	0.00
12,300.00	89.77	0.23	10,185.04	2,156.13	1,309.44	2,344.35	0.00	0.00	0.00
12,400.00	89.77	0.23	10,185.44	2,256.13	1,309.84	2,443.01	0.00	0.00	0.00
12,500.00	89.77	0.23	10,185.84	2,356.13	1,310.24	2,541.68	0.00	0.00	0.00
12,600.00	89.77	0.23	10,186.24	2,456.12	1,310.64	2,640.34	0.00	0.00	0.00
12,700.00	89.77	0.23	10,186.65	2,556.12	1,311.05	2,739.00	0.00	0.00	0.00
12,800.00	89.77	0.23	10,187.05	2,656.12	1,311.45	2,837.67	0.00	0.00	0.00
12,900.00	89.77	0.23	10,187.45	2,756.12	1,311.85	2,936.33	0.00	0.00	0.00
13,000.00	89.77	0.23	10,187.85	2,856.12	1,312.25	3,035.00	0.00	0.00	0.00
13,100.00	89.77	0.23	10,188.25	2,956.12	1,312.65	3,133.66	0.00	0.00	0.00
13,200.00	89.77	0.23	10,188.65	3,056.11	1,313.05	3,232.33	0.00	0.00	0.00
13,300.00	89.77	0.23	10,189.05	3,156.11	1,313.45	3,330.99	0.00	0.00	0.00
13,400.00	89.77	0.23	10,189.46	3,256.11	1,313.86	3,429.65	0.00	0.00	0.00
13,500.00	89.77	0.23	10,189.86	3,356.11	1,314.26	3,528.32	0.00	0.00	0.00
13,600.00	89.77	0.23	10,190.26	3,456.11	1,314.66	3,626.98	0.00	0.00	0.00
13,700.00	89.77	0.23	10,190.66	3,556.11	1,315.06	3,725.65	0.00	0.00	0.00
13,800.00	89.77	0.23	10,191.06	3,656.10	1,315.46	3,824.31	0.00	0.00	0.00
13,900.00	89.77	0.23	10,191.46	3,756.10	1,315.86	3,922.98	0.00	0.00	0.00
14,000.00	89.77	0.23	10,191.86	3,856.10	1,316.26	4,021.64	0.00	0.00	0.00
14,100.00	89.77	0.23	10,192.27	3,956.10	1,316.67	4,120.30	0.00	0.00	0.00
14,200.00	89.77	0.23	10,192.67	4,056.10	1,317.07	4,218.97	0.00	0.00	0.00
14,300.00	89.77	0.23	10,193.07	4,156.10	1,317.47	4,317.63	0.00	0.00	0.00
14,400.00	89.77	0.23	10,193.47	4,256.10	1,317.87	4,416.30	0.00	0.00	0.00
14,500.00	89.77	0.23	10,193.87	4,356.09	1,318.27	4,514.96	0.00	0.00	0.00
14,600.00	89.77	0.23	10,194.27	4,456.09	1,318.67	4,613.63	0.00	0.00	0.00
14,700.00	89.77	0.23	10,194.67	4,556.09	1,319.07	4,712.29	0.00	0.00	0.00
14,800.00	89.77	0.23	10,195.08	4,656.09	1,319.48	4,810.95	0.00	0.00	0.00
14,900.00	89.77	0.23	10,195.48	4,756.09	1,319.88	4,909.62	0.00	0.00	0.00
15,000.00	89.77	0.23	10,195.88	4,856.09	1,320.28	5,008.28	0.00	0.00	0.00
15,100.00	89.77	0.23	10,196.28	4,956.08	1,320.68	5,106.95	0.00	0.00	0.00
15,200.00	89.77	0.23	10,196.68	5,056.08	1,321.08	5,205.61	0.00	0.00	0.00
15,300.00	89.77	0.23	10,197.08	5,156.08	1,321.48	5,304.28	0.00	0.00	0.00
15,400.00	89.77	0.23	10,197.48	5,256.08	1,321.88	5,402.94	0.00	0.00	0.00
15,500.00	89.77	0.23	10,197.89	5,356.08	1,322.29	5,501.60	0.00	0.00	0.00
15,600.00	89.77	0.23	10,198.29	5,456.08	1,322.69	5,600.27	0.00	0.00	0.00
15,700.00	89.77	0.23	10,198.69	5,556.07	1,323.09	5,698.93	0.00	0.00	0.00
15,800.00	89.77	0.23	10,199.09	5,656.07	1,323.49	5,797.60	0.00	0.00	0.00
15,900.00	89.77	0.23	10,199.49	5,756.07	1,323.89	5,896.26	0.00	0.00	0.00
16,000.00	89.77	0.23	10,199.89	5,856.07	1,324.29	5,994.93	0.00	0.00	0.00
16,100.00	89.77	0.23	10,200.29	5,956.07	1,324.69	6,093.59	0.00	0.00	0.00
16,200.00	89.77	0.23	10,200.70	6,056.07	1,325.10	6,192.25	0.00	0.00	0.00
16,300.00	89.77	0.23	10,201.10	6,156.06	1,325.50	6,290.92	0.00	0.00	0.00
16,400.00	89.77	0.23	10,201.50	6,256.06	1,325.90	6,389.58	0.00	0.00	0.00



Planning Report

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Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned 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)
16,500.00	89.77	0.23	10,201.90	6,356.06	1,326.30	6,488.25	0.00	0.00	0.00
16,600.00	89.77	0.23	10,202.30	6,456.06	1,326.70	6,586.91	0.00	0.00	0.00
16,700.00	89.77	0.23	10,202.70	6,556.06	1,327.10	6,685.58	0.00	0.00	0.00
16,800.00	89.77	0.23	10,203.10	6,656.06	1,327.50	6,784.24	0.00	0.00	0.00
16,900.00	89.77	0.23	10,203.51	6,756.06	1,327.91	6,882.90	0.00	0.00	0.00
17,000.00	89.77	0.23	10,203.91	6,856.05	1,328.31	6,981.57	0.00	0.00	0.00
17,100.00	89.77	0.23	10,204.31	6,956.05	1,328.71	7,080.23	0.00	0.00	0.00
17,200.00	89.77	0.23	10,204.71	7,056.05	1,329.11	7,178.90	0.00	0.00	0.00
17,300.00	89.77	0.23	10,205.11	7,156.05	1,329.51	7,277.56	0.00	0.00	0.00
17,400.00	89.77	0.23	10,205.51	7,256.05	1,329.91	7,376.23	0.00	0.00	0.00
17,500.00	89.77	0.23	10,205.91	7,356.05	1,330.31	7,474.89	0.00	0.00	0.00
17,600.00	89.77	0.23	10,206.32	7,456.04	1,330.72	7,573.55	0.00	0.00	0.00
17,700.00	89.77	0.23	10,206.72	7,556.04	1,331.12	7,672.22	0.00	0.00	0.00
17,800.00	89.77	0.23	10,207.12	7,656.04	1,331.52	7,770.88	0.00	0.00	0.00
17,900.00	89.77	0.23	10,207.52	7,756.04	1,331.92	7,869.55	0.00	0.00	0.00
18,000.00	89.77	0.23	10,207.92	7,856.04	1,332.32	7,968.21	0.00	0.00	0.00
18,019.56	89.77	0.23	10,208.00	7,875.60	1,332.40	7,987.51	0.00	0.00	0.00
TD at 18019.56									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Fuller 14/11 W1FC Fe - plan hits target center - Point	0.00	0.00	9,105.00	-92.20	1,395.29	379,223.50	658,171.99	32.042005	-103.956263
Fuller 14/11 W1FC Fe - plan hits target center - Point	0.00	0.00	10,208.00	7,875.60	1,332.40	387,191.30	658,109.10	32.063908	-103.956376

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
120.00	120.00	Rustler			
410.00	410.00	Salt Top			
1,277.88	1,270.00	Castile			
2,875.50	2,845.00	Salt Base			
3,053.01	3,020.00	Delaware (Lamar)			
4,168.81	4,120.00	Manzanita Marker			
6,887.30	6,800.00	Bone Spring			
7,835.73	7,735.00	1st Bone Spring Sand			
8,469.70	8,360.00	2nd Bone Spring Sand			
9,735.78	9,620.00	3rd Bone Spring Sand			
10,116.49	9,970.00	Wolfcamp			



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well Fuller 14/11 W1FC Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	KB=28 @ 2968.00usft (Patterson 595)
Site:	Fuller 14/11 Fed Com Pad	North Reference:	Grid
Well:	Fuller 14/11 W1FC Fed Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
400.00	400.00	0.00	0.00	Build 2.0°/100'
882.65	880.37	-2.67	40.47	7855' Hold
8,738.13	8,624.63	-89.53	1,354.82	Drop 2.0°/100'
9,220.78	9,105.00	-92.20	1,395.29	500' Hold
9,720.83	9,605.05	-92.20	1,395.29	Build 10.0°/100'
10,618.53	10,178.00	478.37	1,385.33	Turn 2.0°/100'
10,880.33	10,179.11	739.55	1,368.82	416' Hold
11,296.27	10,180.94	1,153.03	1,323.64	Turn 2.0°/100'
11,619.56	10,182.31	1,475.70	1,306.71	6400' Hold
18,019.56	10,208.00	7,875.60	1,332.40	TD at 18019.56

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL
COMPANY FOR COMPULSORY POOLING
AND APPROVAL OF UNORTHODOX WELL,
LOCATIONS, EDDY COUNTY, NEW MEXICO.

Case No. 23345

SELF-AFFIRMED STATEMENT OF NOTICE

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 4/4/23

James Bruce
James Bruce

EXHIBIT 4

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

March 16, 2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of two applications filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking the relief set forth below:

(i) Case No. 23445: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the NW/4 of Section 14 and the W/2 of Section 11, Township 26 South, Range 29 East, NMPM. The unit will be dedicated to: (a) the Fuller 14/11 W1ED Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 14 and a last take point in the NW/4NW/4 of Section 11; (b) the Fuller 14/11 W1ED Fed. Com. Well No. 2H, with a first take point in the SW/4NW/4 of Section 14 and a last take point in the NW/4NW/4 of Section 11; (c) the Fuller 14/11 W1FC Fed. Com. Well No. 1H, with a first take point in the SE/4NW/4 of Section 14 and a last take point in the NE/4NW/4 of Section 11; and (d) the Fuller 14/11 W1FC Fed. Com. Well No. 2H, with a first take point in the SE/4NW/4 of Section 14 and a last take point in the NE/4NW/4 of Section 11. The first and last take points of the wells will be 100 feet from the end lines of the well unit, and applicant requests approval of the unorthodox well locations; and

(ii) Case No. 23446: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the Bone Spring formation underlying a horizontal well unit comprised of the NW/4 of Section 14 and the W/2 of Section 11, Township 26 South, Range 29 East, NMPM. The unit will be dedicated to: (a) the Fuller 14/11 B2ED Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 14 and a last take point in the NW/4NW/4 of Section 11; and (b) the Fuller 14/11 B2FC Fed. Com. Well No. 2H, with a first take point in the SE/4NW/4 of Section 14 and a last take point in the NE/4NW/4 of Section 11. Applicant also requests approval of the non-standard unit.

ATTACHMENT **A**

Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing, and equipping the wells.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, April 6, 2023. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

EXHIBIT A

Working Interest Owners

Nu-Energy Oil & Gas, Inc.
Address unknown

Carbon Techs Energy, Inc.
P.O. Box 4548
Greensboro, North Carolina 27404

Record Title Owners

John F. Green
43 Haight Ave
Poughkeepsie, NY 12603

Exco Resources, Inc.
12377 Merit Dr., Suite 1700
Dallas, Texas 75251-2256
Attn: Joshua Raley

RKC, Inc. and
Vivian M. Kral
7500 Arapahoe Road, Suite 380
Centennial, Colorado 80112
Attn: Anthony Kochevor

K.P. Kauffman Company, Inc.
Attn: Land Manager
1675 Broadway #2800
Denver, CO 80202

Offsets to Non-Standard Unit

COG Operating LLC
600 W. Illinois Ave.
Midland, TX 79701
Attn: Baylor Mitchell

Carlsbad Current Argus.

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JAMES BRUCE ATTORNEY AT LAW
POBOX 1056

SANTA FE, NM 87504

NOTICE

To: Carbon Techs Energy, Inc. Nu-Energy Oil & Gas, Inc. (as to your working interests); John F. Green, Exco Resources, Inc., RKC, Inc., Vivian M. Kral, and K.P. Kaufman Company, Inc. (as to your record title interests); and COG Operating LLC (as an offset in Case No. 23446), and your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed the following applications with the New Mexico Oil Conservation Division:

(i) Case No. 23445: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the NW/4 of Section 14 and the W/2 of Section 11, Township 26 South, Range 29 East, NMPM. The unit will be dedicated to: (a) the Fuller 14/11 W1ED Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 14 and a last take point in the NW/4NW/4 of Section 11; (b) the Fuller 14/11 W1ED Fed. Com. Well No. 2H, with a first take point in the SW/4NW/4 of Section 14 and a last take point in the NW/4NW/4 of Section 11; (c) the Fuller 14/11 W1FC Fed. Com. Well No. 1H, with a first take point in the SE/4NW/4 of Section 14 and a last take point in the NE/4NW/4 of Section 11; and (d) the Fuller 14/11 W1FC Fed. Com. Well No. 2H, with a first take point in the SE/4NW/4 of Section 14 and a last take point in the NE/4NW/4 of Section 11. The first and last take points of the wells will be 100 feet from the end lines of the well unit, and applicant requests approval of the unorthodox well locations; and

(ii) Case No. 23446: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the Bone Spring formation underlying a horizontal well unit comprised of the NW/4 of Section 14 and the W/2 of Section 11, Township 26 South, Range 29 East, NMPM. The unit will be dedicated to: (a) the Fuller 14/11 B2ED Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 14 and a last take point in the NW/4NW/4 of Section 11; and (b) the Fuller 14/11 B2FC Fed. Com. Well No. 2H, with a first take point in the SE/4NW/4 of Section 14 and a last take point in the NE/4NW/4 of Section 11. Applicant also requests approval of the non-standard unit.


Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing, and equipping the wells. These matters are scheduled for hearing on April 6, 2023 at 8:15 a.m. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the attorney for applicant, James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruce@aol.com. The units are located approximately 14 miles southeast of Malaga, New Mexico.
#5637735, Current Argus, March 23, 2023

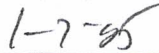
i, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

03/23/2023


Legal Clerk

Subscribed and sworn before me this March 23, 2023:


State of WI, County of Brown
NOTARY PUBLIC


My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

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of Affidavits 1

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EXHIBIT 5