

Well Name: FULLER 14/23 W2KN FED COM	Well Location: T26S / R29E / SEC 14 / SWNW / 32.0422776 / -103.9612813	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM 11038, NMNM11038	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001544543	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Other

Date Sundry Submitted: 04/16/2021

Time Sundry Submitted: 02:05

Date proposed operation will begin: 04/16/2021

Procedure Description: Mewbourne Oil Company would like to change the well name from Fuller 14/11 W1FC Fed Com #1H to Fuller 14/23 W2KN Fed Com #2H, change BHL to 330' FSL & 2200' FWL, Sec 23, T26S, R28E. See attached for C102, directional plot & plan, casing/cmt design.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- FULLER_14_23_W2KN_FED_COM__20210416140454
- Fuller_14_23_W2KN_Fed_Com_2H_csg_assumptions_cmt_design_20210416140445.docx
- Fuller_14_23_W2KN_Fed_Com_2H_Add_Info_20210416140427.pdf
- Fuller_14_23_W2KN_Fed_Com_2H_Dir_plot_20210416140425.pdf
- Fuller_14_23_W2KN_Fed_Com_2H_Dir_plan_20210416140424.pdf

Received by OCD: 8/5/2021 10:54:08 AM

Page 2 of 14

Well Name: FULLER 14/23 W2KN FED COM	Well Location: T26S / R29E / SEC 14 / SWNW / 32.0422776 / -103.9612813	County or Parish/State: EDDY / NM
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Lease Number: NMNM 11038, NMNM11038	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001544543	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Conditions of Approval

Additional Reviews

FULLER_14_23_W2KN_FED_COM_2H_Sundry_2157189_COA_OTA_20210518141341.pdf

Operator Certification

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

Operator Electronic Signature: BRADLEY BISHOP

Signed on: APR 16, 2021 02:05 PM

Name: MEWBOURNE OIL COMPANY

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Phone: (575) 393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 06/08/2021

Signature: Chris Walls

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45543	² Pool Code 98220	³ Pool Name Purple Sage Wolfcamp
⁴ Property Code	⁵ Property Name FULLER 14/23 W2KN FED COM	⁶ Well Number 2H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 2938'

¹⁰ Surface Location

UL or lot no. E	Section 14	Township 26S	Range 29E	Lot Idn	Feet from the 2600	North/South line NORTH	Feet From the 510	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. N	Section 23	Township 26S	Range 29E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2200	East/West line WEST	County EDDY
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¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1940" N: 371167.4 - E: 656080.2 B: FOUND BRASS CAP "1940" N: 373856.1 - E: 656068.5 C: FOUND BRASS CAP "1940" N: 376539.9 - E: 656060.1 D: FOUND BRASS CAP "1940" N: 379229.8 - E: 656067.0 E: FOUND BRASS CAP "1940" N: 381920.7 - E: 656056.9 F: FOUND BRASS CAP "1940" N: 381901.5 - E: 658773.2 G: FOUND BRASS CAP "1940" N: 381882.4 - E: 661489.4 H: FOUND BRASS CAP "1940" N: 379187.8 - E: 661491.3 I: FOUND BRASS CAP "1940" N: 376497.1 - E: 661496.5 J: FOUND BRASS CAP "1940" N: 373802.7 - E: 661493.7 K: FOUND BRASS CAP "1940" N: 371124.3 - E: 661488.2 L: FOUND BRASS CAP "1940" N: 371145.6 - E: 658784.1 M: FOUND BRASS CAP "1940" N: 376518.6 - E: 658778.8	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Jackie Lathan Date: 8-5-21 Printed Name: Jackie Lathan E-mail Address:
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 8-4-20 Date of Survey Signature and Seal of Professional Surveyor: Robert M. Howett 19680 Certificate Number REV:NAME CHANGE/BH MOVE-4/8/21

Job No.: LS20080345R

Intent ☒ As Drilled ☐

API #

Operator Name:
Mewbourne Oil Co.Property Name:
Fuller 14/23 W2KN Fed ComWell Number
2H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	14	26S	29E		2448	N	2200	W	Eddy
Latitude					Longitude				NAD
32.0426484					-103.9559565				83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	14	26S	29E		2360	S	2200	W	Eddy
Latitude					Longitude				NAD
32.0410678					-103.9559602				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	23	26S	29E		330	S	2200	W	Eddy
Latitude					Longitude				NAD
32.0207162					-103.9560069				83

Is this well the defining well for the Horizontal Spacing Unit?

☒

Is this well an infill well?

☐

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

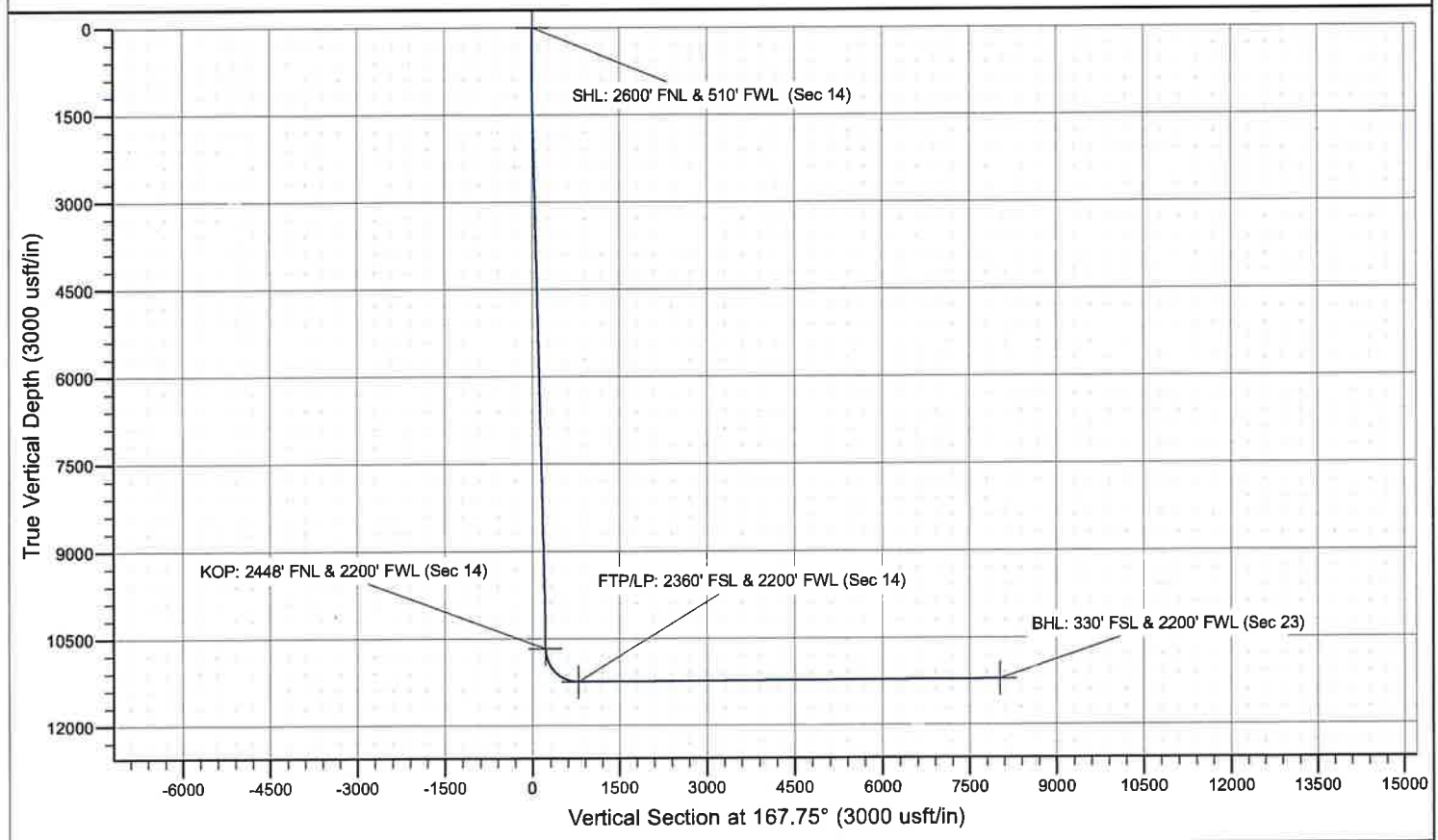
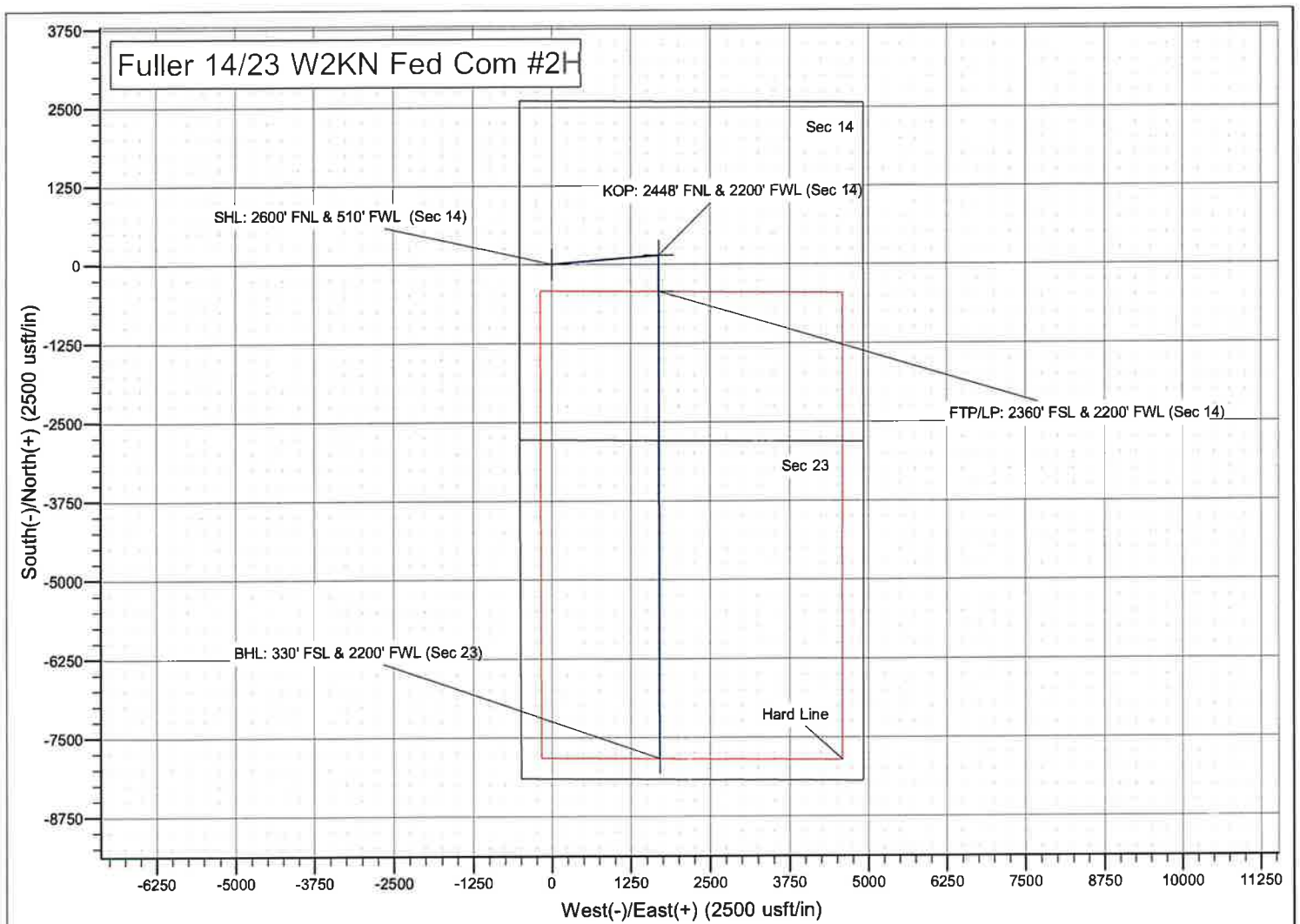
API #

Operator Name:

Property Name:

Well Number

KZ 06/29/2018



Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/23 W2KN Fed Com #2H

Sec 14, T26S, R29E

SHL: 2600' FNL & 510' FWL, Sec 14

BHL: 330' FSL & 2200' FWL, Sec 23

Plan: Design #1

Standard Planning Report

15 April, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2200' FWL, Sec 23		
Design:	Design #1		

Project	Eddy County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Fuller 14/23 W2KN Fed Com #2H			
Site Position:		Northing:	379,317.00 usft	Latitude: 32.0422769
From:	Map	Easting:	656,577.00 usft	Longitude: -103.9614091
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	

Well	Sec 14, T26S, R29E			
Well Position	+N/-S	0.0 usft	Northing:	379,317.00 usft
	+E/-W	0.0 usft	Easting:	656,577.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	2,965.0 usft
Grid Convergence:		0.20 °	Ground Level:	2,937.0 usft

Wellbore	BHL: 330' FSL & 2200' FWL, Sec 23				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.31	59.86	48,089.24606897

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	167.75

Plan Survey Tool Program	Date 4/15/2021			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,133.5	Design #1 (BHL: 330' FSL & 2200	

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,497.6	10.46	85.23	1,493.7	5.3	63.3	1.50	1.50	0.00	85.23	
10,130.7	10.46	85.23	9,983.3	135.7	1,625.7	0.00	0.00	0.00	0.00	
10,828.3	0.00	0.00	10,677.0	141.0	1,689.0	1.50	-1.50	0.00	180.00	KOP: 2448' FNL & 22
11,731.1	90.27	179.91	11,250.0	-434.7	1,689.9	10.00	10.00	0.00	179.91	
19,133.5	90.27	179.91	11,215.0	-7,837.0	1,701.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 2200

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2200' FWL, Sec 23		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 2600' FNL & 510' FWL (Sec 14)									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	1.50	85.23	900.0	0.1	1.3	0.2	1.50	1.50	0.00
1,000.0	3.00	85.23	999.9	0.4	5.2	0.7	1.50	1.50	0.00
1,100.0	4.50	85.23	1,099.7	1.0	11.7	1.5	1.50	1.50	0.00
1,200.0	6.00	85.23	1,199.3	1.7	20.9	2.7	1.50	1.50	0.00
1,300.0	7.50	85.23	1,298.6	2.7	32.6	4.3	1.50	1.50	0.00
1,400.0	9.00	85.23	1,397.5	3.9	46.9	6.1	1.50	1.50	0.00
1,497.6	10.46	85.23	1,493.7	5.3	63.3	8.3	1.50	1.50	0.00
1,500.0	10.46	85.23	1,496.1	5.3	63.7	8.3	0.00	0.00	0.00
1,600.0	10.46	85.23	1,594.4	6.8	81.8	10.7	0.00	0.00	0.00
1,700.0	10.46	85.23	1,692.8	8.3	99.9	13.0	0.00	0.00	0.00
1,800.0	10.46	85.23	1,791.1	9.9	118.0	15.4	0.00	0.00	0.00
1,900.0	10.46	85.23	1,889.4	11.4	136.1	17.8	0.00	0.00	0.00
2,000.0	10.46	85.23	1,987.8	12.9	154.2	20.1	0.00	0.00	0.00
2,100.0	10.46	85.23	2,086.1	14.4	172.3	22.5	0.00	0.00	0.00
2,200.0	10.46	85.23	2,184.4	15.9	190.4	24.9	0.00	0.00	0.00
2,300.0	10.46	85.23	2,282.8	17.4	208.5	27.2	0.00	0.00	0.00
2,400.0	10.46	85.23	2,381.1	18.9	226.6	29.6	0.00	0.00	0.00
2,500.0	10.46	85.23	2,479.5	20.4	244.7	31.9	0.00	0.00	0.00
2,600.0	10.46	85.23	2,577.8	21.9	262.8	34.3	0.00	0.00	0.00
2,700.0	10.46	85.23	2,676.1	23.5	280.9	36.7	0.00	0.00	0.00
2,800.0	10.46	85.23	2,774.5	25.0	299.0	39.0	0.00	0.00	0.00
2,900.0	10.46	85.23	2,872.8	26.5	317.1	41.4	0.00	0.00	0.00
3,000.0	10.46	85.23	2,971.1	28.0	335.2	43.8	0.00	0.00	0.00
3,100.0	10.46	85.23	3,069.5	29.5	353.3	46.1	0.00	0.00	0.00
3,200.0	10.46	85.23	3,167.8	31.0	371.4	48.5	0.00	0.00	0.00
3,300.0	10.46	85.23	3,266.2	32.5	389.5	50.8	0.00	0.00	0.00
3,400.0	10.46	85.23	3,364.5	34.0	407.6	53.2	0.00	0.00	0.00
3,500.0	10.46	85.23	3,462.8	35.5	425.7	55.6	0.00	0.00	0.00
3,600.0	10.46	85.23	3,561.2	37.0	443.8	57.9	0.00	0.00	0.00
3,700.0	10.46	85.23	3,659.5	38.6	461.9	60.3	0.00	0.00	0.00
3,800.0	10.46	85.23	3,757.8	40.1	480.0	62.7	0.00	0.00	0.00
3,900.0	10.46	85.23	3,856.2	41.6	498.1	65.0	0.00	0.00	0.00
4,000.0	10.46	85.23	3,954.5	43.1	516.2	67.4	0.00	0.00	0.00
4,100.0	10.46	85.23	4,052.9	44.6	534.3	69.7	0.00	0.00	0.00
4,200.0	10.46	85.23	4,151.2	46.1	552.4	72.1	0.00	0.00	0.00
4,300.0	10.46	85.23	4,249.5	47.6	570.5	74.5	0.00	0.00	0.00
4,400.0	10.46	85.23	4,347.9	49.1	588.6	76.8	0.00	0.00	0.00
4,500.0	10.46	85.23	4,446.2	50.6	606.7	79.2	0.00	0.00	0.00
4,600.0	10.46	85.23	4,544.5	52.2	624.8	81.5	0.00	0.00	0.00
4,700.0	10.46	85.23	4,642.9	53.7	642.9	83.9	0.00	0.00	0.00
4,800.0	10.46	85.23	4,741.2	55.2	661.0	86.3	0.00	0.00	0.00
4,900.0	10.46	85.23	4,839.6	56.7	679.1	88.6	0.00	0.00	0.00
5,000.0	10.46	85.23	4,937.9	58.2	697.2	91.0	0.00	0.00	0.00
5,100.0	10.46	85.23	5,036.2	59.7	715.3	93.4	0.00	0.00	0.00

Planning Report

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Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
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Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2200' FWL, Sec 23		
Design:	Design #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)	
5,200.0	10.46	85.23	5,134.6	61.2	733.4	95.7	0.00	0.00	0.00	
5,300.0	10.46	85.23	5,232.9	62.7	751.5	98.1	0.00	0.00	0.00	
5,400.0	10.46	85.23	5,331.2	64.2	769.5	100.4	0.00	0.00	0.00	
5,500.0	10.46	85.23	5,429.6	65.8	787.6	102.8	0.00	0.00	0.00	
5,600.0	10.46	85.23	5,527.9	67.3	805.7	105.2	0.00	0.00	0.00	
5,700.0	10.46	85.23	5,626.2	68.8	823.8	107.5	0.00	0.00	0.00	
5,800.0	10.46	85.23	5,724.6	70.3	841.9	109.9	0.00	0.00	0.00	
5,900.0	10.46	85.23	5,822.9	71.8	860.0	112.3	0.00	0.00	0.00	
6,000.0	10.46	85.23	5,921.3	73.3	878.1	114.6	0.00	0.00	0.00	
6,100.0	10.46	85.23	6,019.6	74.8	896.2	117.0	0.00	0.00	0.00	
6,200.0	10.46	85.23	6,117.9	76.3	914.3	119.3	0.00	0.00	0.00	
6,300.0	10.46	85.23	6,216.3	77.8	932.4	121.7	0.00	0.00	0.00	
6,400.0	10.46	85.23	6,314.6	79.4	950.5	124.1	0.00	0.00	0.00	
6,500.0	10.46	85.23	6,412.9	80.9	968.6	126.4	0.00	0.00	0.00	
6,600.0	10.46	85.23	6,511.3	82.4	986.7	128.8	0.00	0.00	0.00	
6,700.0	10.46	85.23	6,609.6	83.9	1,004.8	131.2	0.00	0.00	0.00	
6,800.0	10.46	85.23	6,708.0	85.4	1,022.9	133.5	0.00	0.00	0.00	
6,900.0	10.46	85.23	6,806.3	86.9	1,041.0	135.9	0.00	0.00	0.00	
7,000.0	10.46	85.23	6,904.6	88.4	1,059.1	138.2	0.00	0.00	0.00	
7,100.0	10.46	85.23	7,003.0	89.9	1,077.2	140.6	0.00	0.00	0.00	
7,200.0	10.46	85.23	7,101.3	91.4	1,095.3	143.0	0.00	0.00	0.00	
7,300.0	10.46	85.23	7,199.6	92.9	1,113.4	145.3	0.00	0.00	0.00	
7,400.0	10.46	85.23	7,298.0	94.5	1,131.5	147.7	0.00	0.00	0.00	
7,500.0	10.46	85.23	7,396.3	96.0	1,149.6	150.1	0.00	0.00	0.00	
7,600.0	10.46	85.23	7,494.7	97.5	1,167.7	152.4	0.00	0.00	0.00	
7,700.0	10.46	85.23	7,593.0	99.0	1,185.8	154.8	0.00	0.00	0.00	
7,800.0	10.46	85.23	7,691.3	100.5	1,203.9	157.1	0.00	0.00	0.00	
7,900.0	10.46	85.23	7,789.7	102.0	1,222.0	159.5	0.00	0.00	0.00	
8,000.0	10.46	85.23	7,888.0	103.5	1,240.1	161.9	0.00	0.00	0.00	
8,100.0	10.46	85.23	7,986.3	105.0	1,258.2	164.2	0.00	0.00	0.00	
8,200.0	10.46	85.23	8,084.7	106.5	1,276.3	166.6	0.00	0.00	0.00	
8,300.0	10.46	85.23	8,183.0	108.1	1,294.4	169.0	0.00	0.00	0.00	
8,400.0	10.46	85.23	8,281.4	109.6	1,312.5	171.3	0.00	0.00	0.00	
8,500.0	10.46	85.23	8,379.7	111.1	1,330.6	173.7	0.00	0.00	0.00	
8,600.0	10.46	85.23	8,478.0	112.6	1,348.7	176.0	0.00	0.00	0.00	
8,700.0	10.46	85.23	8,576.4	114.1	1,366.8	178.4	0.00	0.00	0.00	
8,800.0	10.46	85.23	8,674.7	115.6	1,384.9	180.8	0.00	0.00	0.00	
8,900.0	10.46	85.23	8,773.0	117.1	1,403.0	183.1	0.00	0.00	0.00	
9,000.0	10.46	85.23	8,871.4	118.6	1,421.1	185.5	0.00	0.00	0.00	
9,100.0	10.46	85.23	8,969.7	120.1	1,439.2	187.8	0.00	0.00	0.00	
9,200.0	10.46	85.23	9,068.0	121.7	1,457.3	190.2	0.00	0.00	0.00	
9,300.0	10.46	85.23	9,166.4	123.2	1,475.4	192.6	0.00	0.00	0.00	
9,400.0	10.46	85.23	9,264.7	124.7	1,493.5	194.9	0.00	0.00	0.00	
9,500.0	10.46	85.23	9,363.1	126.2	1,511.6	197.3	0.00	0.00	0.00	
9,600.0	10.46	85.23	9,461.4	127.7	1,529.7	199.7	0.00	0.00	0.00	
9,700.0	10.46	85.23	9,559.7	129.2	1,547.7	202.0	0.00	0.00	0.00	
9,800.0	10.46	85.23	9,658.1	130.7	1,565.8	204.4	0.00	0.00	0.00	
9,900.0	10.46	85.23	9,756.4	132.2	1,583.9	206.7	0.00	0.00	0.00	
10,000.0	10.46	85.23	9,854.7	133.7	1,602.0	209.1	0.00	0.00	0.00	
10,100.0	10.46	85.23	9,953.1	135.3	1,620.1	211.5	0.00	0.00	0.00	
10,130.7	10.46	85.23	9,983.3	135.7	1,625.7	212.2	0.00	0.00	0.00	
10,200.0	9.42	85.23	10,051.5	136.7	1,637.6	213.8	1.50	-1.50	0.00	
10,300.0	7.92	85.23	10,150.4	138.0	1,652.7	215.7	1.50	-1.50	0.00	
10,400.0	6.42	85.23	10,249.6	139.0	1,665.1	217.3	1.50	-1.50	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2200' FWL, Sec 23		
Design:	Design #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)
10,500.0	4.92	85.23	10,349.1	139.8	1,674.9	218.6	1.50	-1.50	0.00
10,600.0	3.42	85.23	10,448.8	140.4	1,682.2	219.6	1.50	-1.50	0.00
10,700.0	1.92	85.23	10,548.7	140.8	1,686.9	220.2	1.50	-1.50	0.00
10,800.0	0.42	85.23	10,648.7	141.0	1,688.9	220.4	1.50	-1.50	0.00
10,828.3	0.00	0.00	10,677.0	141.0	1,689.0	220.5	1.50	-1.50	0.00
KOP: 2448' FNL & 2200' FWL (Sec 14)									
10,850.0	2.17	179.91	10,698.7	140.6	1,689.0	220.9	10.00	10.00	0.00
10,900.0	7.17	179.91	10,748.5	136.5	1,689.0	224.8	10.00	10.00	0.00
10,950.0	12.17	179.91	10,797.8	128.1	1,689.0	233.0	10.00	10.00	0.00
11,000.0	17.17	179.91	10,846.1	115.5	1,689.0	245.4	10.00	10.00	0.00
11,050.0	22.17	179.91	10,893.2	98.6	1,689.1	261.9	10.00	10.00	0.00
11,100.0	27.17	179.91	10,938.6	77.8	1,689.1	282.3	10.00	10.00	0.00
11,150.0	32.17	179.91	10,982.1	53.0	1,689.1	306.4	10.00	10.00	0.00
11,200.0	37.17	179.91	11,023.2	24.6	1,689.2	334.2	10.00	10.00	0.00
11,250.0	42.17	179.91	11,061.7	-7.3	1,689.2	365.4	10.00	10.00	0.00
11,300.0	47.17	179.91	11,097.2	-42.4	1,689.3	399.8	10.00	10.00	0.00
11,350.0	52.17	179.91	11,129.6	-80.5	1,689.3	437.0	10.00	10.00	0.00
11,400.0	57.17	179.91	11,158.5	-121.3	1,689.4	476.9	10.00	10.00	0.00
11,450.0	62.16	179.91	11,183.7	-164.5	1,689.5	519.1	10.00	10.00	0.00
11,500.0	67.16	179.91	11,205.1	-209.6	1,689.5	563.2	10.00	10.00	0.00
11,550.0	72.16	179.91	11,222.5	-256.5	1,689.6	609.0	10.00	10.00	0.00
11,600.0	77.16	179.91	11,235.7	-304.7	1,689.7	656.2	10.00	10.00	0.00
11,650.0	82.16	179.91	11,244.7	-353.9	1,689.7	704.2	10.00	10.00	0.00
11,700.0	87.16	179.91	11,249.3	-403.6	1,689.8	752.9	10.00	10.00	0.00
11,730.4	90.20	179.91	11,250.0	-434.0	1,689.9	782.6	10.00	10.00	0.00
FTP/LP: 2360' FSL & 2200' FWL (Sec 14)									
11,731.1	90.27	179.91	11,250.0	-434.7	1,689.9	783.3	10.00	10.00	0.00
11,800.0	90.27	179.91	11,249.7	-503.6	1,690.0	850.6	0.00	0.00	0.00
11,900.0	90.27	179.91	11,249.2	-603.6	1,690.1	948.4	0.00	0.00	0.00
12,000.0	90.27	179.91	11,248.7	-703.6	1,690.3	1,046.1	0.00	0.00	0.00
12,100.0	90.27	179.91	11,248.3	-803.6	1,690.4	1,143.9	0.00	0.00	0.00
12,200.0	90.27	179.91	11,247.8	-903.6	1,690.6	1,241.6	0.00	0.00	0.00
12,300.0	90.27	179.91	11,247.3	-1,003.6	1,690.7	1,339.4	0.00	0.00	0.00
12,400.0	90.27	179.91	11,246.8	-1,103.6	1,690.9	1,437.2	0.00	0.00	0.00
12,500.0	90.27	179.91	11,246.4	-1,203.6	1,691.0	1,534.9	0.00	0.00	0.00
12,600.0	90.27	179.91	11,245.9	-1,303.6	1,691.2	1,632.7	0.00	0.00	0.00
12,700.0	90.27	179.91	11,245.4	-1,403.6	1,691.3	1,730.4	0.00	0.00	0.00
12,800.0	90.27	179.91	11,244.9	-1,503.6	1,691.5	1,828.2	0.00	0.00	0.00
12,900.0	90.27	179.91	11,244.5	-1,603.6	1,691.6	1,925.9	0.00	0.00	0.00
13,000.0	90.27	179.91	11,244.0	-1,703.6	1,691.8	2,023.7	0.00	0.00	0.00
13,100.0	90.27	179.91	11,243.5	-1,803.6	1,691.9	2,121.4	0.00	0.00	0.00
13,200.0	90.27	179.91	11,243.1	-1,903.6	1,692.1	2,219.2	0.00	0.00	0.00
13,300.0	90.27	179.91	11,242.6	-2,003.6	1,692.2	2,317.0	0.00	0.00	0.00
13,400.0	90.27	179.91	11,242.1	-2,103.6	1,692.4	2,414.7	0.00	0.00	0.00
13,500.0	90.27	179.91	11,241.6	-2,203.6	1,692.5	2,512.5	0.00	0.00	0.00
13,600.0	90.27	179.91	11,241.2	-2,303.6	1,692.7	2,610.2	0.00	0.00	0.00
13,700.0	90.27	179.91	11,240.7	-2,403.6	1,692.8	2,708.0	0.00	0.00	0.00
13,800.0	90.27	179.91	11,240.2	-2,503.6	1,693.0	2,805.7	0.00	0.00	0.00
13,900.0	90.27	179.91	11,239.7	-2,603.6	1,693.1	2,903.5	0.00	0.00	0.00
14,000.0	90.27	179.91	11,239.3	-2,703.6	1,693.3	3,001.2	0.00	0.00	0.00
14,100.0	90.27	179.91	11,238.8	-2,803.6	1,693.4	3,099.0	0.00	0.00	0.00
14,200.0	90.27	179.91	11,238.3	-2,903.6	1,693.6	3,196.8	0.00	0.00	0.00
14,300.0	90.27	179.91	11,237.9	-3,003.6	1,693.7	3,294.5	0.00	0.00	0.00
14,400.0	90.27	179.91	11,237.4	-3,103.6	1,693.9	3,392.3	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2200' FWL, Sec 23		
Design:	Design #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)	
14,500.0	90.27	179.91	11,236.9	-3,203.6	1,694.0	3,490.0	0.00	0.00	0.00	
14,600.0	90.27	179.91	11,236.4	-3,303.6	1,694.2	3,587.8	0.00	0.00	0.00	
14,700.0	90.27	179.91	11,236.0	-3,403.6	1,694.3	3,685.5	0.00	0.00	0.00	
14,800.0	90.27	179.91	11,235.5	-3,503.6	1,694.5	3,783.3	0.00	0.00	0.00	
14,900.0	90.27	179.91	11,235.0	-3,603.6	1,694.6	3,881.0	0.00	0.00	0.00	
15,000.0	90.27	179.91	11,234.5	-3,703.6	1,694.8	3,978.8	0.00	0.00	0.00	
15,100.0	90.27	179.91	11,234.1	-3,803.6	1,694.9	4,076.6	0.00	0.00	0.00	
15,200.0	90.27	179.91	11,233.6	-3,903.6	1,695.1	4,174.3	0.00	0.00	0.00	
15,300.0	90.27	179.91	11,233.1	-4,003.6	1,695.2	4,272.1	0.00	0.00	0.00	
15,400.0	90.27	179.91	11,232.7	-4,103.6	1,695.4	4,369.8	0.00	0.00	0.00	
15,500.0	90.27	179.91	11,232.2	-4,203.6	1,695.5	4,467.6	0.00	0.00	0.00	
15,600.0	90.27	179.91	11,231.7	-4,303.6	1,695.7	4,565.3	0.00	0.00	0.00	
15,700.0	90.27	179.91	11,231.2	-4,403.6	1,695.8	4,663.1	0.00	0.00	0.00	
15,800.0	90.27	179.91	11,230.8	-4,503.6	1,696.0	4,760.8	0.00	0.00	0.00	
15,900.0	90.27	179.91	11,230.3	-4,603.6	1,696.1	4,858.6	0.00	0.00	0.00	
16,000.0	90.27	179.91	11,229.8	-4,703.6	1,696.3	4,956.3	0.00	0.00	0.00	
16,100.0	90.27	179.91	11,229.3	-4,803.6	1,696.4	5,054.1	0.00	0.00	0.00	
16,200.0	90.27	179.91	11,228.9	-4,903.6	1,696.6	5,151.9	0.00	0.00	0.00	
16,300.0	90.27	179.91	11,228.4	-5,003.6	1,696.7	5,249.6	0.00	0.00	0.00	
16,400.0	90.27	179.91	11,227.9	-5,103.6	1,696.9	5,347.4	0.00	0.00	0.00	
16,500.0	90.27	179.91	11,227.5	-5,203.6	1,697.0	5,445.1	0.00	0.00	0.00	
16,600.0	90.27	179.91	11,227.0	-5,303.6	1,697.2	5,542.9	0.00	0.00	0.00	
16,700.0	90.27	179.91	11,226.5	-5,403.6	1,697.3	5,640.6	0.00	0.00	0.00	
16,800.0	90.27	179.91	11,226.0	-5,503.6	1,697.5	5,738.4	0.00	0.00	0.00	
16,900.0	90.27	179.91	11,225.6	-5,603.6	1,697.6	5,836.1	0.00	0.00	0.00	
17,000.0	90.27	179.91	11,225.1	-5,703.6	1,697.8	5,933.9	0.00	0.00	0.00	
17,100.0	90.27	179.91	11,224.6	-5,803.6	1,697.9	6,031.7	0.00	0.00	0.00	
17,200.0	90.27	179.91	11,224.1	-5,903.6	1,698.1	6,129.4	0.00	0.00	0.00	
17,300.0	90.27	179.91	11,223.7	-6,003.6	1,698.2	6,227.2	0.00	0.00	0.00	
17,400.0	90.27	179.91	11,223.2	-6,103.6	1,698.4	6,324.9	0.00	0.00	0.00	
17,500.0	90.27	179.91	11,222.7	-6,203.6	1,698.5	6,422.7	0.00	0.00	0.00	
17,600.0	90.27	179.91	11,222.3	-6,303.6	1,698.7	6,520.4	0.00	0.00	0.00	
17,700.0	90.27	179.91	11,221.8	-6,403.6	1,698.8	6,618.2	0.00	0.00	0.00	
17,800.0	90.27	179.91	11,221.3	-6,503.6	1,699.0	6,715.9	0.00	0.00	0.00	
17,900.0	90.27	179.91	11,220.8	-6,603.6	1,699.1	6,813.7	0.00	0.00	0.00	
18,000.0	90.27	179.91	11,220.4	-6,703.6	1,699.3	6,911.5	0.00	0.00	0.00	
18,100.0	90.27	179.91	11,219.9	-6,803.6	1,699.4	7,009.2	0.00	0.00	0.00	
18,200.0	90.27	179.91	11,219.4	-6,903.5	1,699.6	7,107.0	0.00	0.00	0.00	
18,300.0	90.27	179.91	11,218.9	-7,003.5	1,699.7	7,204.7	0.00	0.00	0.00	
18,400.0	90.27	179.91	11,218.5	-7,103.5	1,699.9	7,302.5	0.00	0.00	0.00	
18,500.0	90.27	179.91	11,218.0	-7,203.5	1,700.0	7,400.2	0.00	0.00	0.00	
18,600.0	90.27	179.91	11,217.5	-7,303.5	1,700.2	7,498.0	0.00	0.00	0.00	
18,700.0	90.27	179.91	11,217.0	-7,403.5	1,700.3	7,595.7	0.00	0.00	0.00	
18,800.0	90.27	179.91	11,216.6	-7,503.5	1,700.5	7,693.5	0.00	0.00	0.00	
18,900.0	90.27	179.91	11,216.1	-7,603.5	1,700.6	7,791.3	0.00	0.00	0.00	
19,000.0	90.27	179.91	11,215.6	-7,703.5	1,700.8	7,889.0	0.00	0.00	0.00	
19,100.0	90.27	179.91	11,215.2	-7,803.5	1,700.9	7,986.8	0.00	0.00	0.00	
19,133.5	90.27	179.91	11,215.0	-7,837.0	1,701.0	8,019.5	0.00	0.00	0.00	
BHL: 330' FSL & 2200' FWL (Sec 23)										

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 2200' FWL, Sec 23		
Design:	Design #1		

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
SHL: 2600' FNL & 510' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	379,317.00	656,577.00	32.0422769	-103.9614091
KOP: 2448' FNL & 2200' - plan hits target center - Point	0.00	0.00	10,677.0	141.0	1,689.0	379,458.00	658,266.00	32.0426484	-103.9559565
BHL: 330' FSL & 2200' F - plan hits target center - Point	0.00	0.00	11,215.0	-7,837.0	1,701.0	371,480.00	658,278.00	32.0207173	-103.9560077
FTP/LP: 2360' FSL & 22 - plan hits target center - Point	0.00	0.00	11,250.0	-434.0	1,689.9	378,883.00	658,266.87	32.0410678	-103.9559602

District I

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

District II

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

District III

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

District IV

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

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

COMMENTS

Action 40207

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 40207
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 8/6/2021	8/6/2021

District I
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Oil Conservation Division
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CONDITIONS

Action 40207

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 40207
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	8/6/2021