



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

Sundry Print Report

04/11/2022

Well Name Fuller 14/11 W1HA Fed Com	Well Location: T26S / R29E / SEC 14 / SENE /	County or Parish/State:
Well Number: 1H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM11038	Unit or CA Name: FULLER W1HA W2HA 2H 3H	Unit or CA Number: NMNM138709
US Well Number: 3001549316	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Sundry ID: 2663029

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 03/21/2022

Time Sundry Submitted: 09:32

Date proposed operation will begin: 03/28/2022

Procedure Description: Mewbourne Oil Company requests that the following changes be made to Fuller 14/11 W1HA Fed Com #1H well: 1. Well name change to Fuller 14/23 W1IP Fed #2H. 2. BHL change to 330' FSL & 1100' FEL in Sec 23, T26S, R29E 3. Changes to directional design plot & plan corresponding to BHL change are included in sundry attachments. 4. Changes to csg program & cmt program corresponding to BHL change are included in this sundry request on page 3 & 4.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Fuller_14_23_W1IP_Fed_2H_Add_Info_20220321093228.pdf

FULLER_14_23_W1IP_FED_2H_C102_20220321093228.pdf

Fuller_14_11_W1HA_Fed_Com_1H_Sundry_20220321093228.pdf

Fuller_14_23_W1IP_Fed_20220321093228

Fuller_14_23_W1IP_Fed_20220321093228

Well Name: Fuller 14_23 W1IP Fed Com
Well Location: T26S / R29E / SEC 14 / SENE /
County or Parish/State:
Well Number: 1 H
Type of Well: CONVENTIONAL GAS WELL
Allottee or Tribe Name:
Lease Number: NMNM11038
Unit or CA Name: FULLER W1HA W2HA 2H 3H
Unit or CA Number: NMNM138709
US Well Number: 3001549316
Well Status: Approved Application for Permit to Drill
Operator: MEWBOURNE OIL COMPANY

Conditions of Approval

Specialist Review

Fuller_14_23_W1IP_Fed_2H_Drilling_Sundry_2663029_COA_OTA_20220323213023.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: MAR 21, 2022 09:32 AM

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: RYAN MCDANIEL

Street Address: 4801 Business Park Blvd, Hobbs, NM

City: Hobbs

State: NM

Zip: 88240

Phone: (575)393-5905

Email address: Ryanmcdaniel@mewbourne.com

BLM Point of Contact

BLM POC Name: AJIBOLA OLABODE

BLM POC Title: Engineer

BLM POC Phone: 5752342231

BLM POC Email Address: OAJIBOLAEIT@BLM.GOV

Disposition: Approved

Disposition Date: 03/23/2022

Signature: Olabode Thomas Ajibola

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49316	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp Gas
⁴ Property Code 319625	⁵ Property Name FULLER 14/23 W1IP FED	⁶ Well Number 2H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 2941'

¹⁰ Surface Location

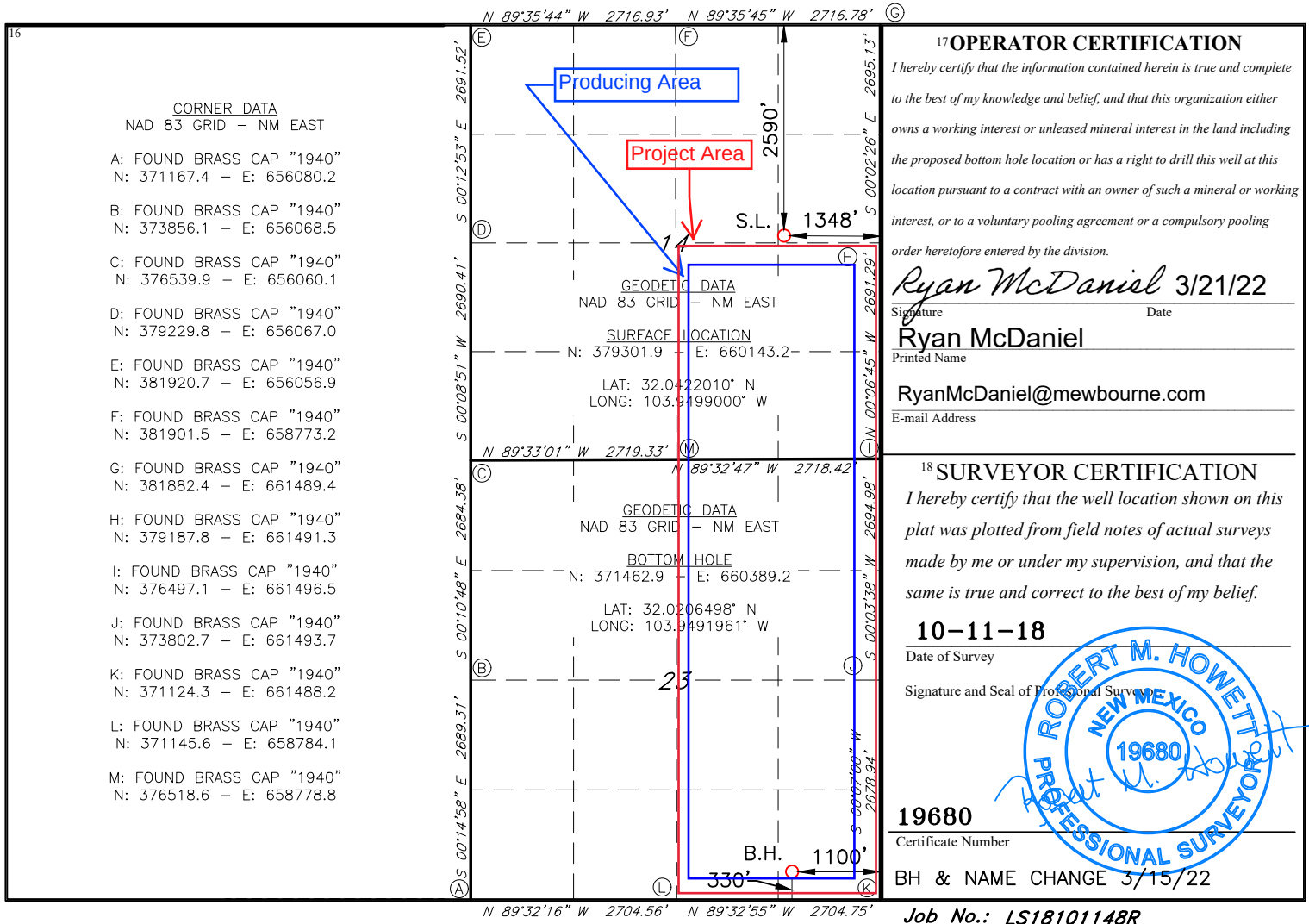
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	14	26S	29E		2590	NORTH	1348	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	26S	29E		330	SOUTH	1100	EAST	EDDY

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.





Mewbourne Oil Company

Sundry Request:

Mewbourne Oil Company requests that the following changes be made to Fuller 14/11 W1HA Fed Com #1H well:

1. Well name change to Fuller 14/23 W1IP Fed #2H.
2. BHL change to 330' FSL & 1100' FEL in Sec 23, T26S, R29E
3. Changes to directional design plot & plan corresponding to BHL change are included in sundry attachments.
4. Changes to csg program & cmt program corresponding to BHL change are included in this sundry request on page 3 & 4.

Mewbourne Oil Company, Fuller 14/23 W1IP Fed #2H
Sec 14, T26S, R29E
SL: 2590' FNL & 1348' FEL (14)
BHL: 330' FSL & 1100' FEL (23)

Well Location Table

Wellbore	N S Foot	N S Indicator	E W Foot	E W Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Lat	Long	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will well produce from this lease?
SHL	2590	N	1348	E	26S	29E	14	SWNE	32.042 2010	- 103.9499 000	Eddy	NM	First Prin	Fed	NMNM 11038	2944	0	0	Y
KOP	2449	N	1100	E	26S	29E	14	SENE	32.042 5749	- 103.9490 992	Eddy	NM	First Prin	Fed	NMNM 11038	-6715	9666	9659	Y
PPP1	2361	S	1100	E	26S	29E	14	NESE	32.040 9997	- 103.9491 063	Eddy	NM	First Prin	Fed	NMNM 11038	-7288	10567	10232	Y
Exit	330	S	1100	E	26S	29E	23	SESE	32.020 6500	- 103.9491 974	Eddy	NM	First Prin	Fed	NMNM 11038	-7258	17969	10202	Y
BHL	330	S	1100	E	26S	29E	23	SESE	32.020 6500	- 103.9491 974	Eddy	NM	First Prin	Fed	NMNM 11038	-7258	17969	10202	Y

** Full Latitudes & Longitudes are available in the Directional Plan **

Mewbourne Oil Company, Fuller 14/23 W1IP Fed #2H
Sec 14, T26S, R29E
SL: 2590' FNL & 1348' FEL (14)
BHL: 330' FSL & 1100' FEL (23)

Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Jt Tension	SF Body Tension
	From	To								
17.5"	0'	800'	13.375"	54.5	J55	STC	3.23	7.81	11.79	19.56
12.25"	0'	4160'	9.625"	40	L80	LTC	1.43	2.66	5.50	4.37
8.75"	0'	9700'	7"	26	P110	LTC	1.30	2.08	2.75	3.29
6.125"	9666'	17969'	4.5"	13.5	P110	LTC	1.67	1.94	3.02	3.76
BLM Minimum Safety Factor							1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Is casing API approved? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

Mewbourne Oil Company, Fuller 14/23 W1IP Fed #2H
Sec 14, T26S, R29E
SL: 2590' FNL & 1348' FEL (14)
BHL: 330' FSL & 1100' FEL (23)

Cementing Program

Casing	# Skis	Wt. lb/gal	Yld ft3/sack	Cu. Ft	% Excess	Slurry Description
Surf.	400	12.5	2.12	848	100	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	268	100	Tail: Class C + Retarder
Inter. Stg 1	460	12.5	2.12	975	25	Lead: Class C + Salt + Gel + Extender + LCM
	100	14.8	1.34	134	25	Tail: Class C + Retarder
ECP/DV Tool @ 2885'						
Inter. Stg 2	110	12.5	2.12	233	25	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	268	25	Tail: Class C + Retarder
Prod. Stg 1	260	12.5	2.12	551	25	Lead: Class C + Salt + Gel + Extender + LCM
	400	15.6	1.18	472	25	Tail: Class H + Retarder + Fluid Loss + Defoamer
ECP/DV Tool @ 4300'						
Prod. Stg 2	100	14.8	1.34	134	25	Class C + Salt + Gel + Fluid Loss + Retarder + Dispersant + Defoamer + Anti-Settling Agent
Liner	330	11.2	2.97	980	25	Class C + Salt + Gel + Fluid Loss + Retarder + Dispersant + Defoamer + Anti-Settling Agent

A copy of cement test will be available on location at time of cement job providing pump times & compressive strengths.

Casing String	TOC	% Excess
Surface	0'	100%
Intermediate	0'	25%
Production	3960'	25%
Liner	9666'	25%

Mud Program

MD		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0'	800'	Spud Mud	8.6-8.8	28-34	N/C
800'	4160'	Saturated Brine	10.0	28-34	N/C
4160'	9700'	Water Based Mud	8.6-9.5	28-34	N/C
9700'	17969'	OBM	10.0-13.0	30-40	<10cc

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	Pason/PVT/Visual Monitoring
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Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/23 W1IP Fed #2H

Sec 14, T26S, R29E

SHL: 2590' FNL & 1348' FEL, Sec 14

BHL: 330' FSL & 1100' FEL, Sec 23

Plan: Design #1

Standard Planning Report

15 March, 2022

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2972.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2972.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1100' FEL, 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 W1IP Fed #2H		
Site Position:		Northing:	379,301.90 usft
From:	Map	Easting:	660,143.20 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.0422011
		Longitude:	-103.9498999

Well	Sec 14, T26S, R29E		
Well Position	+N/-S	0.0 usft	Northing: 379,301.90 usft
	+E/-W	0.0 usft	Easting: 660,143.20 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	2,972.0 usft
Grid Convergence:	0.20 °	Ground Level:	2,944.0 usft

Wellbore	BHL: 330' FSL & 1100' FEL, Sec 23				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.31	59.87	48,090.39376596

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	178.21	

Plan Survey Tool Program	Date	3/15/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,969.4	Design #1 (BHL: 330' FSL & 1100		

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	
4,160.0	0.00	0.00	4,160.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,311.4	3.03	61.07	4,311.4	1.9	3.5	2.00	2.00	0.00	61.07	
9,515.0	3.03	61.07	9,507.6	134.9	244.1	0.00	0.00	0.00	0.00	
9,666.4	0.00	0.01	9,659.0	136.9	247.6	2.00	-2.00	0.00	180.00	KOP: 2543' FNL & 1100'
10,568.8	90.23	180.01	10,232.0	-438.5	247.5	10.00	10.00	0.00	-179.99	
17,969.4	90.23	180.01	10,202.0	-7,838.9	245.6	0.00	0.00	0.00	0.00	BHL: 330' FSL & 1100'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W11P Fed #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2972.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2972.0usft (Original Well Elev)
Site:	Fuller 14/23 W11P Fed #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1100' FEL, 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 2590' FNL & 1348' FEL (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	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,160.0	0.00	0.00	4,160.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.80	61.07	4,200.0	0.1	0.2	-0.1	2.00	2.00	0.00
4,300.0	2.80	61.07	4,299.9	1.7	3.0	-1.6	2.00	2.00	0.00
4,311.4	3.03	61.07	4,311.4	1.9	3.5	-1.8	2.00	2.00	0.00
4,400.0	3.03	61.07	4,399.8	4.2	7.6	-4.0	0.00	0.00	0.00
4,500.0	3.03	61.07	4,499.7	6.8	12.2	-6.4	0.00	0.00	0.00
4,600.0	3.03	61.07	4,599.5	9.3	16.8	-8.8	0.00	0.00	0.00
4,700.0	3.03	61.07	4,699.4	11.9	21.5	-11.2	0.00	0.00	0.00
4,800.0	3.03	61.07	4,799.2	14.4	26.1	-13.6	0.00	0.00	0.00
4,900.0	3.03	61.07	4,899.1	17.0	30.7	-16.0	0.00	0.00	0.00
5,000.0	3.03	61.07	4,999.0	19.5	35.3	-18.4	0.00	0.00	0.00

Planning Report

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Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2972.0usft (Original Well Elev)
Site:	Fuller 14/23 W11P Fed #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1100' FEL, 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)
5,100.0	3.03	61.07	5,098.8	22.1	40.0	-20.8	0.00	0.00	0.00
5,200.0	3.03	61.07	5,198.7	24.6	44.6	-23.2	0.00	0.00	0.00
5,300.0	3.03	61.07	5,298.5	27.2	49.2	-25.6	0.00	0.00	0.00
5,400.0	3.03	61.07	5,398.4	29.8	53.8	-28.1	0.00	0.00	0.00
5,500.0	3.03	61.07	5,498.3	32.3	58.5	-30.5	0.00	0.00	0.00
5,600.0	3.03	61.07	5,598.1	34.9	63.1	-32.9	0.00	0.00	0.00
5,700.0	3.03	61.07	5,698.0	37.4	67.7	-35.3	0.00	0.00	0.00
5,800.0	3.03	61.07	5,797.9	40.0	72.3	-37.7	0.00	0.00	0.00
5,900.0	3.03	61.07	5,897.7	42.5	77.0	-40.1	0.00	0.00	0.00
6,000.0	3.03	61.07	5,997.6	45.1	81.6	-42.5	0.00	0.00	0.00
6,100.0	3.03	61.07	6,097.4	47.7	86.2	-44.9	0.00	0.00	0.00
6,200.0	3.03	61.07	6,197.3	50.2	90.8	-47.3	0.00	0.00	0.00
6,300.0	3.03	61.07	6,297.2	52.8	95.5	-49.7	0.00	0.00	0.00
6,400.0	3.03	61.07	6,397.0	55.3	100.1	-52.2	0.00	0.00	0.00
6,500.0	3.03	61.07	6,496.9	57.9	104.7	-54.6	0.00	0.00	0.00
6,600.0	3.03	61.07	6,596.7	60.4	109.3	-57.0	0.00	0.00	0.00
6,700.0	3.03	61.07	6,696.6	63.0	113.9	-59.4	0.00	0.00	0.00
6,800.0	3.03	61.07	6,796.5	65.5	118.6	-61.8	0.00	0.00	0.00
6,900.0	3.03	61.07	6,896.3	68.1	123.2	-64.2	0.00	0.00	0.00
7,000.0	3.03	61.07	6,996.2	70.7	127.8	-66.6	0.00	0.00	0.00
7,100.0	3.03	61.07	7,096.0	73.2	132.4	-69.0	0.00	0.00	0.00
7,200.0	3.03	61.07	7,195.9	75.8	137.1	-71.4	0.00	0.00	0.00
7,300.0	3.03	61.07	7,295.8	78.3	141.7	-73.8	0.00	0.00	0.00
7,400.0	3.03	61.07	7,395.6	80.9	146.3	-76.3	0.00	0.00	0.00
7,500.0	3.03	61.07	7,495.5	83.4	150.9	-78.7	0.00	0.00	0.00
7,600.0	3.03	61.07	7,595.3	86.0	155.6	-81.1	0.00	0.00	0.00
7,700.0	3.03	61.07	7,695.2	88.5	160.2	-83.5	0.00	0.00	0.00
7,800.0	3.03	61.07	7,795.1	91.1	164.8	-85.9	0.00	0.00	0.00
7,900.0	3.03	61.07	7,894.9	93.7	169.4	-88.3	0.00	0.00	0.00
8,000.0	3.03	61.07	7,994.8	96.2	174.1	-90.7	0.00	0.00	0.00
8,100.0	3.03	61.07	8,094.6	98.8	178.7	-93.1	0.00	0.00	0.00
8,200.0	3.03	61.07	8,194.5	101.3	183.3	-95.5	0.00	0.00	0.00
8,300.0	3.03	61.07	8,294.4	103.9	187.9	-97.9	0.00	0.00	0.00
8,400.0	3.03	61.07	8,394.2	106.4	192.6	-100.4	0.00	0.00	0.00
8,500.0	3.03	61.07	8,494.1	109.0	197.2	-102.8	0.00	0.00	0.00
8,600.0	3.03	61.07	8,593.9	111.5	201.8	-105.2	0.00	0.00	0.00
8,700.0	3.03	61.07	8,693.8	114.1	206.4	-107.6	0.00	0.00	0.00
8,800.0	3.03	61.07	8,793.7	116.7	211.0	-110.0	0.00	0.00	0.00
8,900.0	3.03	61.07	8,893.5	119.2	215.7	-112.4	0.00	0.00	0.00
9,000.0	3.03	61.07	8,993.4	121.8	220.3	-114.8	0.00	0.00	0.00
9,100.0	3.03	61.07	9,093.2	124.3	224.9	-117.2	0.00	0.00	0.00
9,200.0	3.03	61.07	9,193.1	126.9	229.5	-119.6	0.00	0.00	0.00
9,300.0	3.03	61.07	9,293.0	129.4	234.2	-122.0	0.00	0.00	0.00
9,400.0	3.03	61.07	9,392.8	132.0	238.8	-124.5	0.00	0.00	0.00
9,500.0	3.03	61.07	9,492.7	134.6	243.4	-126.9	0.00	0.00	0.00
9,515.0	3.03	61.07	9,507.6	134.9	244.1	-127.2	0.00	0.00	0.00
9,600.0	1.33	61.07	9,592.6	136.5	246.9	-128.7	2.00	-2.00	0.00
9,666.4	0.00	0.01	9,659.0	136.9	247.6	-129.1	2.00	-2.00	0.00
KOP: 2543' FNL & 1100' FEL (14)									
9,700.0	3.36	180.01	9,692.6	135.9	247.6	-128.1	10.00	10.00	0.00
9,750.0	8.36	180.01	9,742.3	130.8	247.6	-123.0	10.00	10.00	0.00
9,800.0	13.36	180.01	9,791.4	121.4	247.6	-113.6	10.00	10.00	0.00
9,850.0	18.36	180.01	9,839.5	107.7	247.6	-99.9	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2972.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2972.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1100' FEL, 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)
9,900.0	23.36	180.01	9,886.2	89.9	247.6	-82.1	10.00	10.00	0.00
9,950.0	28.36	180.01	9,931.2	68.1	247.6	-60.3	10.00	10.00	0.00
10,000.0	33.36	180.01	9,974.1	42.5	247.6	-34.7	10.00	10.00	0.00
10,050.0	38.36	180.01	10,014.6	13.2	247.6	-5.4	10.00	10.00	0.00
10,100.0	43.36	180.01	10,052.4	-19.5	247.6	27.2	10.00	10.00	0.00
10,150.0	48.36	180.01	10,087.2	-55.4	247.6	63.1	10.00	10.00	0.00
10,200.0	53.35	180.01	10,118.7	-94.1	247.6	101.8	10.00	10.00	0.00
10,250.0	58.35	180.01	10,146.8	-135.5	247.5	143.2	10.00	10.00	0.00
10,300.0	63.35	180.01	10,171.1	-179.2	247.5	186.8	10.00	10.00	0.00
10,350.0	68.35	180.01	10,191.6	-224.8	247.5	232.4	10.00	10.00	0.00
10,400.0	73.35	180.01	10,208.0	-272.0	247.5	279.6	10.00	10.00	0.00
10,450.0	78.35	180.01	10,220.2	-320.5	247.5	328.0	10.00	10.00	0.00
10,500.0	83.35	180.01	10,228.2	-369.8	247.5	377.4	10.00	10.00	0.00
10,550.0	88.35	180.01	10,231.8	-419.7	247.5	427.2	10.00	10.00	0.00
10,566.5	90.00	180.01	10,232.0	-436.2	247.5	443.7	10.00	10.00	0.00
LP/FTP/PPP1: 2360' FSL & 1100' FEL (14)									
10,568.8	90.23	180.01	10,232.0	-438.5	247.5	446.0	10.00	10.00	0.00
10,600.0	90.23	180.01	10,231.9	-469.7	247.5	477.2	0.00	0.00	0.00
10,700.0	90.23	180.01	10,231.5	-569.7	247.4	577.1	0.00	0.00	0.00
10,800.0	90.23	180.01	10,231.1	-669.7	247.4	677.1	0.00	0.00	0.00
10,900.0	90.23	180.01	10,230.7	-769.6	247.4	777.0	0.00	0.00	0.00
11,000.0	90.23	180.01	10,230.3	-869.6	247.4	877.0	0.00	0.00	0.00
11,100.0	90.23	180.01	10,229.8	-969.6	247.3	976.9	0.00	0.00	0.00
11,200.0	90.23	180.01	10,229.4	-1,069.6	247.3	1,076.9	0.00	0.00	0.00
11,300.0	90.23	180.01	10,229.0	-1,169.6	247.3	1,176.8	0.00	0.00	0.00
11,400.0	90.23	180.01	10,228.6	-1,269.6	247.2	1,276.8	0.00	0.00	0.00
11,500.0	90.23	180.01	10,228.2	-1,369.6	247.2	1,376.7	0.00	0.00	0.00
11,600.0	90.23	180.01	10,227.8	-1,469.6	247.2	1,476.7	0.00	0.00	0.00
11,700.0	90.23	180.01	10,227.4	-1,569.6	247.2	1,576.6	0.00	0.00	0.00
11,800.0	90.23	180.01	10,227.0	-1,669.6	247.1	1,676.6	0.00	0.00	0.00
11,900.0	90.23	180.01	10,226.6	-1,769.6	247.1	1,776.5	0.00	0.00	0.00
12,000.0	90.23	180.01	10,226.2	-1,869.6	247.1	1,876.5	0.00	0.00	0.00
12,100.0	90.23	180.01	10,225.8	-1,969.6	247.1	1,976.4	0.00	0.00	0.00
12,200.0	90.23	180.01	10,225.4	-2,069.6	247.0	2,076.4	0.00	0.00	0.00
12,300.0	90.23	180.01	10,225.0	-2,169.6	247.0	2,176.3	0.00	0.00	0.00
12,400.0	90.23	180.01	10,224.6	-2,269.6	247.0	2,276.3	0.00	0.00	0.00
12,500.0	90.23	180.01	10,224.2	-2,369.6	247.0	2,376.2	0.00	0.00	0.00
12,600.0	90.23	180.01	10,223.8	-2,469.6	246.9	2,476.2	0.00	0.00	0.00
12,700.0	90.23	180.01	10,223.4	-2,569.6	246.9	2,576.1	0.00	0.00	0.00
12,800.0	90.23	180.01	10,223.0	-2,669.6	246.9	2,676.1	0.00	0.00	0.00
12,900.0	90.23	180.01	10,222.5	-2,769.6	246.9	2,776.0	0.00	0.00	0.00
13,000.0	90.23	180.01	10,222.1	-2,869.6	246.8	2,876.0	0.00	0.00	0.00
13,100.0	90.23	180.01	10,221.7	-2,969.6	246.8	2,975.9	0.00	0.00	0.00
13,200.0	90.23	180.01	10,221.3	-3,069.6	246.8	3,075.9	0.00	0.00	0.00
13,300.0	90.23	180.01	10,220.9	-3,169.6	246.8	3,175.8	0.00	0.00	0.00
13,400.0	90.23	180.01	10,220.5	-3,269.6	246.7	3,275.8	0.00	0.00	0.00
13,500.0	90.23	180.01	10,220.1	-3,369.6	246.7	3,375.7	0.00	0.00	0.00
13,600.0	90.23	180.01	10,219.7	-3,469.6	246.7	3,475.7	0.00	0.00	0.00
13,700.0	90.23	180.01	10,219.3	-3,569.6	246.7	3,575.6	0.00	0.00	0.00
13,800.0	90.23	180.01	10,218.9	-3,669.6	246.6	3,675.5	0.00	0.00	0.00
13,900.0	90.23	180.01	10,218.5	-3,769.6	246.6	3,775.5	0.00	0.00	0.00
14,000.0	90.23	180.01	10,218.1	-3,869.6	246.6	3,875.4	0.00	0.00	0.00
14,100.0	90.23	180.01	10,217.7	-3,969.6	246.6	3,975.4	0.00	0.00	0.00
14,200.0	90.23	180.01	10,217.3	-4,069.6	246.5	4,075.3	0.00	0.00	0.00

Planning Report

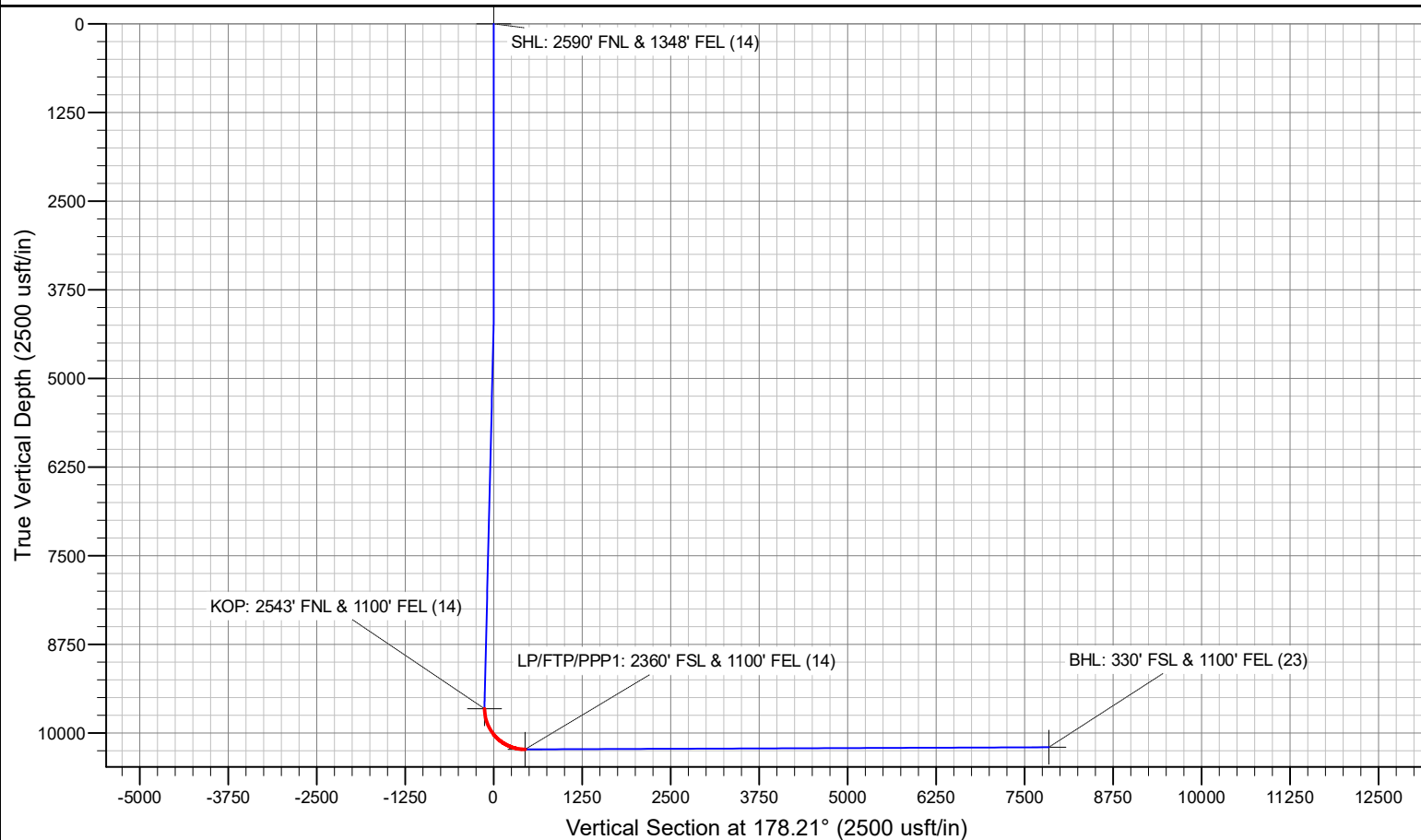
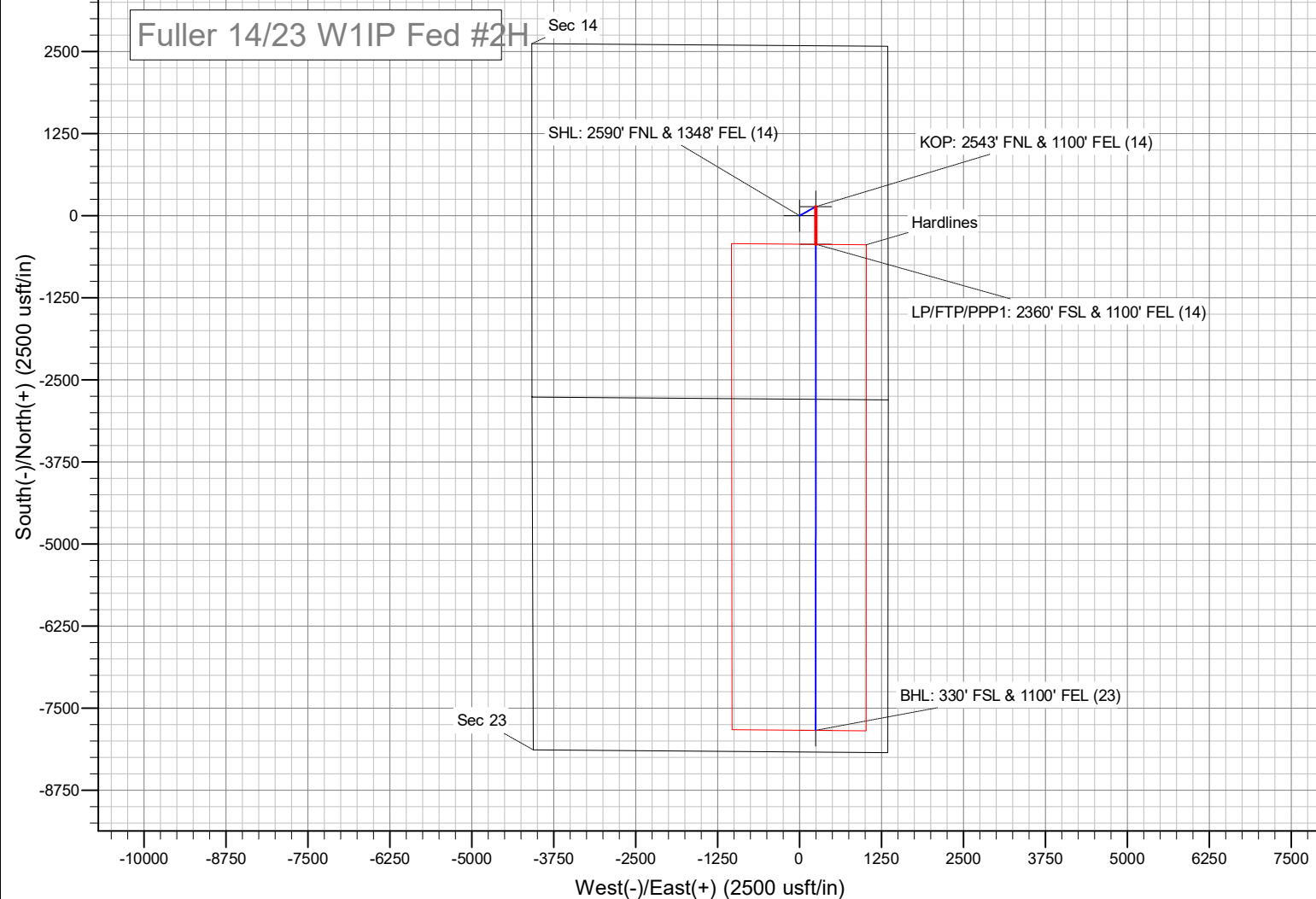
Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2972.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2972.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1100' FEL, 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)
14,300.0	90.23	180.01	10,216.9	-4,169.6	246.5	4,175.3	0.00	0.00	0.00
14,400.0	90.23	180.01	10,216.5	-4,269.6	246.5	4,275.2	0.00	0.00	0.00
14,500.0	90.23	180.01	10,216.1	-4,369.6	246.5	4,375.2	0.00	0.00	0.00
14,600.0	90.23	180.01	10,215.7	-4,469.6	246.4	4,475.1	0.00	0.00	0.00
14,700.0	90.23	180.01	10,215.3	-4,569.6	246.4	4,575.1	0.00	0.00	0.00
14,800.0	90.23	180.01	10,214.8	-4,669.6	246.4	4,675.0	0.00	0.00	0.00
14,900.0	90.23	180.01	10,214.4	-4,769.6	246.3	4,775.0	0.00	0.00	0.00
15,000.0	90.23	180.01	10,214.0	-4,869.6	246.3	4,874.9	0.00	0.00	0.00
15,100.0	90.23	180.01	10,213.6	-4,969.6	246.3	4,974.9	0.00	0.00	0.00
15,200.0	90.23	180.01	10,213.2	-5,069.6	246.3	5,074.8	0.00	0.00	0.00
15,300.0	90.23	180.01	10,212.8	-5,169.6	246.2	5,174.8	0.00	0.00	0.00
15,400.0	90.23	180.01	10,212.4	-5,269.6	246.2	5,274.7	0.00	0.00	0.00
15,500.0	90.23	180.01	10,212.0	-5,369.6	246.2	5,374.7	0.00	0.00	0.00
15,600.0	90.23	180.01	10,211.6	-5,469.6	246.2	5,474.6	0.00	0.00	0.00
15,700.0	90.23	180.01	10,211.2	-5,569.6	246.1	5,574.6	0.00	0.00	0.00
15,800.0	90.23	180.01	10,210.8	-5,669.6	246.1	5,674.5	0.00	0.00	0.00
15,900.0	90.23	180.01	10,210.4	-5,769.6	246.1	5,774.5	0.00	0.00	0.00
16,000.0	90.23	180.01	10,210.0	-5,869.6	246.1	5,874.4	0.00	0.00	0.00
16,100.0	90.23	180.01	10,209.6	-5,969.6	246.0	5,974.4	0.00	0.00	0.00
16,200.0	90.23	180.01	10,209.2	-6,069.6	246.0	6,074.3	0.00	0.00	0.00
16,300.0	90.23	180.01	10,208.8	-6,169.6	246.0	6,174.3	0.00	0.00	0.00
16,400.0	90.23	180.01	10,208.4	-6,269.6	246.0	6,274.2	0.00	0.00	0.00
16,500.0	90.23	180.01	10,208.0	-6,369.6	245.9	6,374.2	0.00	0.00	0.00
16,600.0	90.23	180.01	10,207.6	-6,469.6	245.9	6,474.1	0.00	0.00	0.00
16,700.0	90.23	180.01	10,207.1	-6,569.6	245.9	6,574.1	0.00	0.00	0.00
16,800.0	90.23	180.01	10,206.7	-6,669.6	245.9	6,674.0	0.00	0.00	0.00
16,900.0	90.23	180.01	10,206.3	-6,769.6	245.8	6,774.0	0.00	0.00	0.00
17,000.0	90.23	180.01	10,205.9	-6,869.6	245.8	6,873.9	0.00	0.00	0.00
17,100.0	90.23	180.01	10,205.5	-6,969.6	245.8	6,973.9	0.00	0.00	0.00
17,200.0	90.23	180.01	10,205.1	-7,069.6	245.8	7,073.8	0.00	0.00	0.00
17,300.0	90.23	180.01	10,204.7	-7,169.6	245.7	7,173.8	0.00	0.00	0.00
17,400.0	90.23	180.01	10,204.3	-7,269.6	245.7	7,273.7	0.00	0.00	0.00
17,500.0	90.23	180.01	10,203.9	-7,369.6	245.7	7,373.7	0.00	0.00	0.00
17,600.0	90.23	180.01	10,203.5	-7,469.6	245.7	7,473.6	0.00	0.00	0.00
17,700.0	90.23	180.01	10,203.1	-7,569.6	245.6	7,573.6	0.00	0.00	0.00
17,800.0	90.23	180.01	10,202.7	-7,669.6	245.6	7,673.5	0.00	0.00	0.00
17,900.0	90.23	180.01	10,202.3	-7,769.6	245.6	7,773.5	0.00	0.00	0.00
17,969.4	90.23	180.01	10,202.0	-7,838.9	245.6	7,842.8	0.00	0.00	0.00
BHL: 330' FSL & 1100' FEL (23)									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W1IP Fed #2H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2972.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2972.0usft (Original Well Elev)
Site:	Fuller 14/23 W1IP Fed #2H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1100' FEL, 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: 2590' FNL & 1348' - plan hits target center - Point	0.00	0.01	0.0	0.0	0.0	379,301.90	660,143.20	32.0422011	-103.9498999
KOP: 2543' FNL & 1100' - plan hits target center - Point	0.00	0.00	9,659.0	136.9	247.6	379,438.77	660,390.81	32.0425749	-103.9490992
BHL: 330' FSL & 1100' F - plan hits target center - Point	0.00	0.00	10,202.0	-7,838.9	245.6	371,462.95	660,388.76	32.0206500	-103.9491974
LP/FTP/PPP1: 2360' FS - plan hits target center - Point	0.00	0.00	10,232.0	-436.2	247.5	378,865.74	660,390.67	32.0409997	-103.9491063



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 97667

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 97667
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 4/13/2022	4/13/2022

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CONDITIONS

Action 97667

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 97667
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	4/13/2022