

Submit 1 Copy To Appropriate District:

Office

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-48528	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Charolais 33/21 W1HA State Com	
8. Well Number	1H
9. OGRID Number	14744
10. Pool name or Wildcat Klein Ranch; Wolfcamp	
4. Well Location Unit Letter <u>H</u> : <u>2625</u> feet from the <u>North</u> line and <u>1250</u> feet from the <u>East</u> line Section <u>33</u> Township <u>19S</u> Range <u>35E</u> NMPM <u>83</u> County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) KB: 3718'	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Mewbourne Oil Co

3. Address of Operator

PO Box 5270, Hobbs, NM 88241

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mewbourne Oil Co request the name for the **Charolais 33/21 W1HA State Com #1H** be changed to **Charolais 33/21 B1HA State Com #1H** and formation changed f/ a **wolfcamp** to **bone springs**. Attached C102 and Dir Plot & Plan and Csg data reflect the changes requested.

Spud Date:

Est. 3/18/23

Rig Release Date:

Est. 4/15/23

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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 30-025-48528	² Pool Code 49680	³ Pool Name PEARL; BONE SPRING
⁴ Property Code 333667	⁵ Property Name CHAROLAIS 33/21 B1HA STATE COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3690'

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	33	19S	35E		2625	NORTH	1250	EAST	LEA

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
A	21	19S	35E		100	NORTH	400	EAST	LEA

¹² Dedicated Acres 400	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.

16 <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION</u> N: 589279.2 - E: 810938.7 LAT: 32.6169268° N LONG: 103.4577191° W <u>BOTTOM HOLE</u> N: 602420.7 - E: 811671.3 LAT: 32.6530283° N LONG: 103.4549873° W <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1912" N: 586582.1 - E: 806900.8 B: FOUND 3/8" REBAR N: 589232.5 - E: 806911.6 C: FOUND 1" REBAR N: 591876.9 - E: 806871.7 D: FOUND 1/2" REBAR N: 597180.6 - E: 806833.3 E: FOUND 6"x4"x4" LIMSTONE ROCK N: 599826.9 - E: 806808.3 F: FOUND 5/8" REBAR N: 602472.4 - E: 806786.3 G: FOUND 8"x4"x6" LIMSTONE ROCK N: 602498.9 - E: 809425.1 H: FOUND 1" REBAR N: 602524.6 - E: 812070.3 I: FOUND 5/8" REBAR N: 599872.9 - E: 812094.2 J: CALCULATED CORNER N: 597212.1 - E: 812121.0 K: FOUND 1/2" REBAR N: 594551.3 - E: 812140.3 L: FOUND 5/8" REBAR N: 591911.9 - E: 812165.1 M: FOUND 14"x4"x4" LIMSTONE ROCK N: 589274.0 - E: 812188.6 N: CALCULATED CORNER N: 586624.4 - E: 812193.3 O: FOUND 6"x4"x4" LIMSTONE ROCK N: 597200.2 - E: 809485.6	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Ryan McDaniel</i> 1/4/23 Signature Date RYAN MCDANIEL Printed Name RYANMCDANIEL@MEWBOURNE.COM E-mail Address 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 1/05/2021 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number REV: NAME CHANGE 12/10/22
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Operator Name:	Property Name:	Well Number
Mewbourne Oil Company	Charolais 33/21 B1HA State Com	1H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	33	19S	35E	-	2628'	FNL	400'	FEL	Lea
Latitude					Longitude				NAD
32.6169135					-103.4549582				83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	33	19S	35E	-	2539'	FNL	400'	FEL	Lea
Latitude					Longitude				NAD
32.6171581					-103.4549584				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	21	19S	35E	-	100'	FNL	400'	FEL	Lea
Latitude					Longitude				NAD
32.6530283					-103.4549873				83

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

Y

Is this well an infill well?

N

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

Well Name Charolais 33/21 B1HA State Com #1H

Csg Type	Fluid Type	Hole Size	Csg Size	Csg Grade	Csg Weight	Top MD	Setting Depth	SKS Cmt	Top Cmt
Surf	Spud Mud	17 1/2"	13 3/8"	J55	54.5	0	1930	1340	0
Inter	Brine	12 1/4"	9 5/8"	J55	40	0	3640	740	0
Prod	Cut Brine	8 3/4"	7"	P110	26	0	9936	1050	3440
Liner	OBM	6 1/8"	4 1/2"	P110	13.5	8950	22495	860	8950

Mewbourne Oil Company

Lea County, New Mexico NAD 83

Charolais 33/21 B1HA State Com #1H

Sec 33, T19S, R35E

SHL: 2625 FNL & 1250 FEL (33)

BHL: 100 FNL & 400 FEL (21)

Plan: Design #1

Standard Planning Report

04 January, 2023

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
Design:	Design #1		

Project	Lea County, New Mexico 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		Charolais 33/21 B1HA State Com #1H									
Site Position:		Northing:		589,279.20 usft		Latitude:		32.6169267			
From:		Map		Easting:		810,938.70 usft		Longitude:		-103.4577193	
Position Uncertainty:		0.0 usft		Slot Radius:		13-3/16 "					

Well	Sec 33, T19S, R35E					
Well Position	+N/-S	0.0 usft	Northing:	589,279.20 usft	Latitude:	32.6169267
	+E/-W	0.0 usft	Easting:	810,938.70 usft	Longitude:	-103.4577193
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,718.0 usft	Ground Level:	3,690.0 usft
Grid Convergence:		0.47 °				

Wellbore	BHL: 100 FNL & 400 FEL (21)				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.12	60.48	48,507.76942180

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	3.19

Plan Survey Tool Program			Date	1/4/2023	
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	0.0	Design #1 (BHL: 100 FNL & 400		

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	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
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: 2625' FNL & 1250' FEL (Sec 33)									
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	2.00	89.85	2,100.0	0.0	1.7	0.1	2.00	2.00	0.00
2,200.0	4.00	89.85	2,199.8	0.0	7.0	0.4	2.00	2.00	0.00
2,300.0	6.00	89.85	2,299.5	0.0	15.7	0.9	2.00	2.00	0.00
2,366.7	7.33	89.85	2,365.7	0.1	23.4	1.4	2.00	2.00	0.00
2,400.0	7.33	89.85	2,398.7	0.1	27.7	1.6	0.00	0.00	0.00
2,500.0	7.33	89.85	2,497.9	0.1	40.5	2.4	0.00	0.00	0.00
2,600.0	7.33	89.85	2,597.1	0.1	53.2	3.1	0.00	0.00	0.00
2,700.0	7.33	89.85	2,696.3	0.2	66.0	3.8	0.00	0.00	0.00
2,800.0	7.33	89.85	2,795.5	0.2	78.7	4.6	0.00	0.00	0.00
2,900.0	7.33	89.85	2,894.6	0.2	91.5	5.3	0.00	0.00	0.00
3,000.0	7.33	89.85	2,993.8	0.3	104.3	6.1	0.00	0.00	0.00
3,100.0	7.33	89.85	3,093.0	0.3	117.0	6.8	0.00	0.00	0.00
3,200.0	7.33	89.85	3,192.2	0.3	129.8	7.6	0.00	0.00	0.00
3,300.0	7.33	89.85	3,291.4	0.4	142.6	8.3	0.00	0.00	0.00
3,400.0	7.33	89.85	3,390.5	0.4	155.3	9.0	0.00	0.00	0.00
3,500.0	7.33	89.85	3,489.7	0.4	168.1	9.8	0.00	0.00	0.00
3,600.0	7.33	89.85	3,588.9	0.5	180.9	10.5	0.00	0.00	0.00
3,700.0	7.33	89.85	3,688.1	0.5	193.6	11.3	0.00	0.00	0.00
3,800.0	7.33	89.85	3,787.3	0.5	206.4	12.0	0.00	0.00	0.00
3,900.0	7.33	89.85	3,886.5	0.6	219.2	12.8	0.00	0.00	0.00
4,000.0	7.33	89.85	3,985.6	0.6	231.9	13.5	0.00	0.00	0.00
4,100.0	7.33	89.85	4,084.8	0.6	244.7	14.3	0.00	0.00	0.00
4,200.0	7.33	89.85	4,184.0	0.7	257.5	15.0	0.00	0.00	0.00
4,300.0	7.33	89.85	4,283.2	0.7	270.2	15.7	0.00	0.00	0.00
4,400.0	7.33	89.85	4,382.4	0.7	283.0	16.5	0.00	0.00	0.00
4,500.0	7.33	89.85	4,481.5	0.8	295.8	17.2	0.00	0.00	0.00
4,600.0	7.33	89.85	4,580.7	0.8	308.5	18.0	0.00	0.00	0.00
4,700.0	7.33	89.85	4,679.9	0.8	321.3	18.7	0.00	0.00	0.00
4,800.0	7.33	89.85	4,779.1	0.9	334.1	19.5	0.00	0.00	0.00
4,900.0	7.33	89.85	4,878.3	0.9	346.8	20.2	0.00	0.00	0.00
5,000.0	7.33	89.85	4,977.5	0.9	359.6	20.9	0.00	0.00	0.00
5,100.0	7.33	89.85	5,076.6	1.0	372.3	21.7	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
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	7.33	89.85	5,175.8	1.0	385.1	22.4	0.00	0.00	0.00
5,300.0	7.33	89.85	5,275.0	1.0	397.9	23.2	0.00	0.00	0.00
5,400.0	7.33	89.85	5,374.2	1.1	410.6	23.9	0.00	0.00	0.00
5,500.0	7.33	89.85	5,473.4	1.1	423.4	24.7	0.00	0.00	0.00
5,600.0	7.33	89.85	5,572.5	1.1	436.2	25.4	0.00	0.00	0.00
5,700.0	7.33	89.85	5,671.7	1.2	448.9	26.1	0.00	0.00	0.00
5,800.0	7.33	89.85	5,770.9	1.2	461.7	26.9	0.00	0.00	0.00
5,900.0	7.33	89.85	5,870.1	1.2	474.5	27.6	0.00	0.00	0.00
6,000.0	7.33	89.85	5,969.3	1.3	487.2	28.4	0.00	0.00	0.00
6,100.0	7.33	89.85	6,068.5	1.3	500.0	29.1	0.00	0.00	0.00
6,200.0	7.33	89.85	6,167.6	1.3	512.8	29.9	0.00	0.00	0.00
6,300.0	7.33	89.85	6,266.8	1.4	525.5	30.6	0.00	0.00	0.00
6,400.0	7.33	89.85	6,366.0	1.4	538.3	31.4	0.00	0.00	0.00
6,500.0	7.33	89.85	6,465.2	1.4	551.1	32.1	0.00	0.00	0.00
6,600.0	7.33	89.85	6,564.4	1.5	563.8	32.8	0.00	0.00	0.00
6,700.0	7.33	89.85	6,663.5	1.5	576.6	33.6	0.00	0.00	0.00
6,800.0	7.33	89.85	6,762.7	1.5	589.4	34.3	0.00	0.00	0.00
6,900.0	7.33	89.85	6,861.9	1.6	602.1	35.1	0.00	0.00	0.00
7,000.0	7.33	89.85	6,961.1	1.6	614.9	35.8	0.00	0.00	0.00
7,100.0	7.33	89.85	7,060.3	1.6	627.7	36.6	0.00	0.00	0.00
7,200.0	7.33	89.85	7,159.5	1.7	640.4	37.3	0.00	0.00	0.00
7,300.0	7.33	89.85	7,258.6	1.7	653.2	38.0	0.00	0.00	0.00
7,400.0	7.33	89.85	7,357.8	1.7	665.9	38.8	0.00	0.00	0.00
7,500.0	7.33	89.85	7,457.0	1.8	678.7	39.5	0.00	0.00	0.00
7,600.0	7.33	89.85	7,556.2	1.8	691.5	40.3	0.00	0.00	0.00
7,700.0	7.33	89.85	7,655.4	1.8	704.2	41.0	0.00	0.00	0.00
7,800.0	7.33	89.85	7,754.5	1.9	717.0	41.8	0.00	0.00	0.00
7,900.0	7.33	89.85	7,853.7	1.9	729.8	42.5	0.00	0.00	0.00
8,000.0	7.33	89.85	7,952.9	1.9	742.5	43.2	0.00	0.00	0.00
8,100.0	7.33	89.85	8,052.1	2.0	755.3	44.0	0.00	0.00	0.00
8,200.0	7.33	89.85	8,151.3	2.0	768.1	44.7	0.00	0.00	0.00
8,300.0	7.33	89.85	8,250.5	2.0	780.8	45.5	0.00	0.00	0.00
8,400.0	7.33	89.85	8,349.6	2.1	793.6	46.2	0.00	0.00	0.00
8,500.0	7.33	89.85	8,448.8	2.1	806.4	47.0	0.00	0.00	0.00
8,600.0	7.33	89.85	8,548.0	2.1	819.1	47.7	0.00	0.00	0.00
8,659.8	7.33	89.85	8,607.3	2.1	826.8	48.2	0.00	0.00	0.00
8,700.0	6.53	89.85	8,647.2	2.2	831.6	48.4	2.00	-2.00	0.00
8,800.0	4.53	89.85	8,746.8	2.2	841.3	49.0	2.00	-2.00	0.00
8,900.0	2.53	89.85	8,846.6	2.2	847.4	49.4	2.00	-2.00	0.00
9,000.0	0.53	89.85	8,946.5	2.2	850.1	49.5	2.00	-2.00	0.00
9,026.5	0.00	0.00	8,973.0	2.2	850.2	49.5	2.00	-2.00	0.00
KOP: 2628' FNL & 400' FEL (Sec 33)									
9,050.0	2.35	359.49	8,996.5	2.7	850.2	50.0	10.00	10.00	0.00
9,100.0	7.35	359.49	9,046.3	6.9	850.2	54.2	10.00	10.00	0.00
9,150.0	12.35	359.49	9,095.6	15.5	850.1	62.8	10.00	10.00	0.00
9,200.0	17.35	359.49	9,143.9	28.3	850.0	75.5	10.00	10.00	0.00
9,250.0	22.35	359.49	9,190.9	45.2	849.8	92.5	10.00	10.00	0.00
9,300.0	27.35	359.49	9,236.2	66.2	849.6	113.4	10.00	10.00	0.00
9,350.0	32.34	359.49	9,279.6	91.1	849.4	138.2	10.00	10.00	0.00
9,350.2	32.34	359.49	9,279.7	91.2	849.4	138.3	0.00	0.00	0.00
FTP: 2539' FNL & 400' FEL (Sec 33)									
9,400.0	37.34	359.49	9,320.6	119.7	849.1	166.7	10.03	10.03	0.00
9,450.0	42.34	359.49	9,359.0	151.7	848.9	198.7	10.00	10.00	0.00
9,500.0	47.34	359.49	9,394.4	186.9	848.5	233.9	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
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)
9,550.0	52.34	359.49	9,426.7	225.1	848.2	272.0	10.00	10.00	0.00
9,600.0	57.34	359.49	9,455.5	266.0	847.8	312.8	10.00	10.00	0.00
9,650.0	62.34	359.49	9,480.6	309.2	847.5	355.9	10.00	10.00	0.00
9,700.0	67.34	359.49	9,501.8	354.5	847.0	401.1	10.00	10.00	0.00
9,750.0	72.34	359.49	9,519.1	401.4	846.6	447.9	10.00	10.00	0.00
9,800.0	77.33	359.49	9,532.1	449.6	846.2	496.0	10.00	10.00	0.00
9,850.0	82.33	359.49	9,541.0	498.8	845.8	545.1	10.00	10.00	0.00
9,900.0	87.33	359.49	9,545.5	548.6	845.3	594.8	10.00	10.00	0.00
9,936.3	90.96	359.49	9,546.0	584.8	845.0	631.0	10.00	10.00	0.00
LP: 2055' FNL & 400' FEL (Sec 33)									
10,000.0	90.96	359.49	9,544.9	648.6	844.4	694.6	0.00	0.00	0.00
10,100.0	90.96	359.49	9,543.3	748.5	843.5	794.3	0.00	0.00	0.00
10,200.0	90.96	359.49	9,541.6	848.5	842.6	894.1	0.00	0.00	0.00
10,300.0	90.96	359.49	9,539.9	948.5	841.7	993.9	0.00	0.00	0.00
10,400.0	90.96	359.49	9,538.2	1,048.5	840.8	1,093.7	0.00	0.00	0.00
10,500.0	90.96	359.49	9,536.6	1,148.5	839.9	1,193.4	0.00	0.00	0.00
10,600.0	90.96	359.49	9,534.9	1,248.5	839.0	1,293.2	0.00	0.00	0.00
10,700.0	90.96	359.49	9,533.2	1,348.4	838.2	1,393.0	0.00	0.00	0.00
10,800.0	90.96	359.49	9,531.6	1,448.4	837.3	1,492.8	0.00	0.00	0.00
10,900.0	90.96	359.49	9,529.9	1,548.4	836.4	1,592.6	0.00	0.00	0.00
11,000.0	90.96	359.49	9,528.2	1,648.4	835.5	1,692.3	0.00	0.00	0.00
11,100.0	90.96	359.49	9,526.5	1,748.4	834.6	1,792.1	0.00	0.00	0.00
11,200.0	90.96	359.49	9,524.9	1,848.4	833.7	1,891.9	0.00	0.00	0.00
11,300.0	90.96	359.49	9,523.2	1,948.3	832.8	1,991.7	0.00	0.00	0.00
11,400.0	90.96	359.49	9,521.5	2,048.3	831.9	2,091.4	0.00	0.00	0.00
11,500.0	90.96	359.49	9,519.9	2,148.3	831.0	2,191.2	0.00	0.00	0.00
11,600.0	90.96	359.49	9,518.2	2,248.3	830.1	2,291.0	0.00	0.00	0.00
11,700.0	90.96	359.49	9,516.5	2,348.3	829.2	2,390.8	0.00	0.00	0.00
11,800.0	90.96	359.49	9,514.8	2,448.2	828.3	2,490.6	0.00	0.00	0.00
11,900.0	90.96	359.49	9,513.2	2,548.2	827.4	2,590.3	0.00	0.00	0.00
12,000.0	90.96	359.49	9,511.5	2,648.2	826.5	2,690.1	0.00	0.00	0.00
12,100.0	90.96	359.49	9,509.8	2,748.2	825.6	2,789.9	0.00	0.00	0.00
12,200.0	90.96	359.49	9,508.1	2,848.2	824.7	2,889.7	0.00	0.00	0.00
12,300.0	90.96	359.49	9,506.5	2,948.2	823.8	2,989.4	0.00	0.00	0.00
12,400.0	90.96	359.49	9,504.8	3,048.1	822.9	3,089.2	0.00	0.00	0.00
12,500.0	90.96	359.49	9,503.1	3,148.1	822.0	3,189.0	0.00	0.00	0.00
12,600.0	90.96	359.49	9,501.5	3,248.1	821.1	3,288.8	0.00	0.00	0.00
12,700.0	90.96	359.49	9,499.8	3,348.1	820.3	3,388.5	0.00	0.00	0.00
12,800.0	90.96	359.49	9,498.1	3,448.1	819.4	3,488.3	0.00	0.00	0.00
12,900.0	90.96	359.49	9,496.4	3,548.0	818.5	3,588.1	0.00	0.00	0.00
13,000.0	90.96	359.49	9,494.8	3,648.0	817.6	3,687.9	0.00	0.00	0.00
13,100.0	90.96	359.49	9,493.1	3,748.0	816.7	3,787.7	0.00	0.00	0.00
13,200.0	90.96	359.49	9,491.4	3,848.0	815.8	3,887.4	0.00	0.00	0.00
13,300.0	90.96	359.49	9,489.8	3,948.0	814.9	3,987.2	0.00	0.00	0.00
13,400.0	90.96	359.49	9,488.1	4,048.0	814.0	4,087.0	0.00	0.00	0.00
13,500.0	90.96	359.49	9,486.4	4,147.9	813.1	4,186.8	0.00	0.00	0.00
13,600.0	90.96	359.49	9,484.7	4,247.9	812.2	4,286.5	0.00	0.00	0.00
13,700.0	90.96	359.49	9,483.1	4,347.9	811.3	4,386.3	0.00	0.00	0.00
13,800.0	90.96	359.49	9,481.4	4,447.9	810.4	4,486.1	0.00	0.00	0.00
13,900.0	90.96	359.49	9,479.7	4,547.9	809.5	4,585.9	0.00	0.00	0.00
14,000.0	90.96	359.49	9,478.0	4,647.8	808.6	4,685.7	0.00	0.00	0.00
14,100.0	90.96	359.49	9,476.4	4,747.8	807.7	4,785.4	0.00	0.00	0.00
14,200.0	90.96	359.49	9,474.7	4,847.8	806.8	4,885.2	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
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	90.96	359.49	9,473.0	4,947.8	805.9	4,985.0	0.00	0.00	0.00	
14,400.0	90.96	359.49	9,471.4	5,047.8	805.0	5,084.8	0.00	0.00	0.00	
14,500.0	90.96	359.49	9,469.7	5,147.8	804.1	5,184.5	0.00	0.00	0.00	
14,600.0	90.96	359.49	9,468.0	5,247.7	803.3	5,284.3	0.00	0.00	0.00	
14,700.0	90.96	359.49	9,466.3	5,347.7	802.4	5,384.1	0.00	0.00	0.00	
14,800.0	90.96	359.49	9,464.7	5,447.7	801.5	5,483.9	0.00	0.00	0.00	
14,900.0	90.96	359.49	9,463.0	5,547.7	800.6	5,583.6	0.00	0.00	0.00	
15,000.0	90.96	359.49	9,461.3	5,647.7	799.7	5,683.4	0.00	0.00	0.00	
15,100.0	90.96	359.49	9,459.7	5,747.7	798.8	5,783.2	0.00	0.00	0.00	
15,200.0	90.96	359.49	9,458.0	5,847.6	797.9	5,883.0	0.00	0.00	0.00	
15,300.0	90.96	359.49	9,456.3	5,947.6	797.0	5,982.8	0.00	0.00	0.00	
15,400.0	90.96	359.49	9,454.6	6,047.6	796.1	6,082.5	0.00	0.00	0.00	
15,500.0	90.96	359.49	9,453.0	6,147.6	795.2	6,182.3	0.00	0.00	0.00	
15,600.0	90.96	359.49	9,451.3	6,247.6	794.3	6,282.1	0.00	0.00	0.00	
15,700.0	90.96	359.49	9,449.6	6,347.5	793.4	6,381.9	0.00	0.00	0.00	
15,800.0	90.96	359.49	9,448.0	6,447.5	792.5	6,481.6	0.00	0.00	0.00	
15,900.0	90.96	359.49	9,446.3	6,547.5	791.6	6,581.4	0.00	0.00	0.00	
16,000.0	90.96	359.49	9,444.6	6,647.5	790.7	6,681.2	0.00	0.00	0.00	
16,100.0	90.96	359.49	9,442.9	6,747.5	789.8	6,781.0	0.00	0.00	0.00	
16,200.0	90.96	359.49	9,441.3	6,847.5	788.9	6,880.7	0.00	0.00	0.00	
16,300.0	90.96	359.49	9,439.6	6,947.4	788.0	6,980.5	0.00	0.00	0.00	
16,400.0	90.96	359.49	9,437.9	7,047.4	787.1	7,080.3	0.00	0.00	0.00	
16,500.0	90.96	359.49	9,436.2	7,147.4	786.2	7,180.1	0.00	0.00	0.00	
16,600.0	90.96	359.49	9,434.6	7,247.4	785.4	7,279.9	0.00	0.00	0.00	
16,700.0	90.96	359.49	9,432.9	7,347.4	784.5	7,379.6	0.00	0.00	0.00	
16,800.0	90.96	359.49	9,431.2	7,447.3	783.6	7,479.4	0.00	0.00	0.00	
16,900.0	90.96	359.49	9,429.6	7,547.3	782.7	7,579.2	0.00	0.00	0.00	
17,000.0	90.96	359.49	9,427.9	7,647.3	781.8	7,679.0	0.00	0.00	0.00	
17,100.0	90.96	359.49	9,426.2	7,747.3	780.9	7,778.7	0.00	0.00	0.00	
17,200.0	90.96	359.49	9,424.5	7,847.3	780.0	7,878.5	0.00	0.00	0.00	
17,300.0	90.96	359.49	9,422.9	7,947.3	779.1	7,978.3	0.00	0.00	0.00	
17,400.0	90.96	359.49	9,421.2	8,047.2	778.2	8,078.1	0.00	0.00	0.00	
17,500.0	90.96	359.49	9,419.5	8,147.2	777.3	8,177.9	0.00	0.00	0.00	
17,600.0	90.96	359.49	9,417.9	8,247.2	776.4	8,277.6	0.00	0.00	0.00	
17,700.0	90.96	359.49	9,416.2	8,347.2	775.5	8,377.4	0.00	0.00	0.00	
17,800.0	90.96	359.49	9,414.5	8,447.2	774.6	8,477.2	0.00	0.00	0.00	
17,900.0	90.96	359.49	9,412.8	8,547.1	773.7	8,577.0	0.00	0.00	0.00	
18,000.0	90.96	359.49	9,411.2	8,647.1	772.8	8,676.7	0.00	0.00	0.00	
18,100.0	90.96	359.49	9,409.5	8,747.1	771.9	8,776.5	0.00	0.00	0.00	
18,200.0	90.96	359.49	9,407.8	8,847.1	771.0	8,876.3	0.00	0.00	0.00	
18,300.0	90.96	359.49	9,406.1	8,947.1	770.1	8,976.1	0.00	0.00	0.00	
18,400.0	90.96	359.49	9,404.5	9,047.1	769.2	9,075.8	0.00	0.00	0.00	
18,500.0	90.96	359.49	9,402.8	9,147.0	768.4	9,175.6	0.00	0.00	0.00	
18,600.0	90.96	359.49	9,401.1	9,247.0	767.5	9,275.4	0.00	0.00	0.00	
18,700.0	90.96	359.49	9,399.5	9,347.0	766.6	9,375.2	0.00	0.00	0.00	
18,800.0	90.96	359.49	9,397.8	9,447.0	765.7	9,475.0	0.00	0.00	0.00	
18,900.0	90.96	359.49	9,396.1	9,547.0	764.8	9,574.7	0.00	0.00	0.00	
19,000.0	90.96	359.49	9,394.4	9,646.9	763.9	9,674.5	0.00	0.00	0.00	
19,100.0	90.96	359.49	9,392.8	9,746.9	763.0	9,774.3	0.00	0.00	0.00	
19,200.0	90.96	359.49	9,391.1	9,846.9	762.1	9,874.1	0.00	0.00	0.00	
19,300.0	90.96	359.49	9,389.4	9,946.9	761.2	9,973.8	0.00	0.00	0.00	
19,400.0	90.96	359.49	9,387.8	10,046.9	760.3	10,073.6	0.00	0.00	0.00	
19,500.0	90.96	359.49	9,386.1	10,146.9	759.4	10,173.4	0.00	0.00	0.00	
19,600.0	90.96	359.49	9,384.4	10,246.8	758.5	10,273.2	0.00	0.00	0.00	

Planning Report

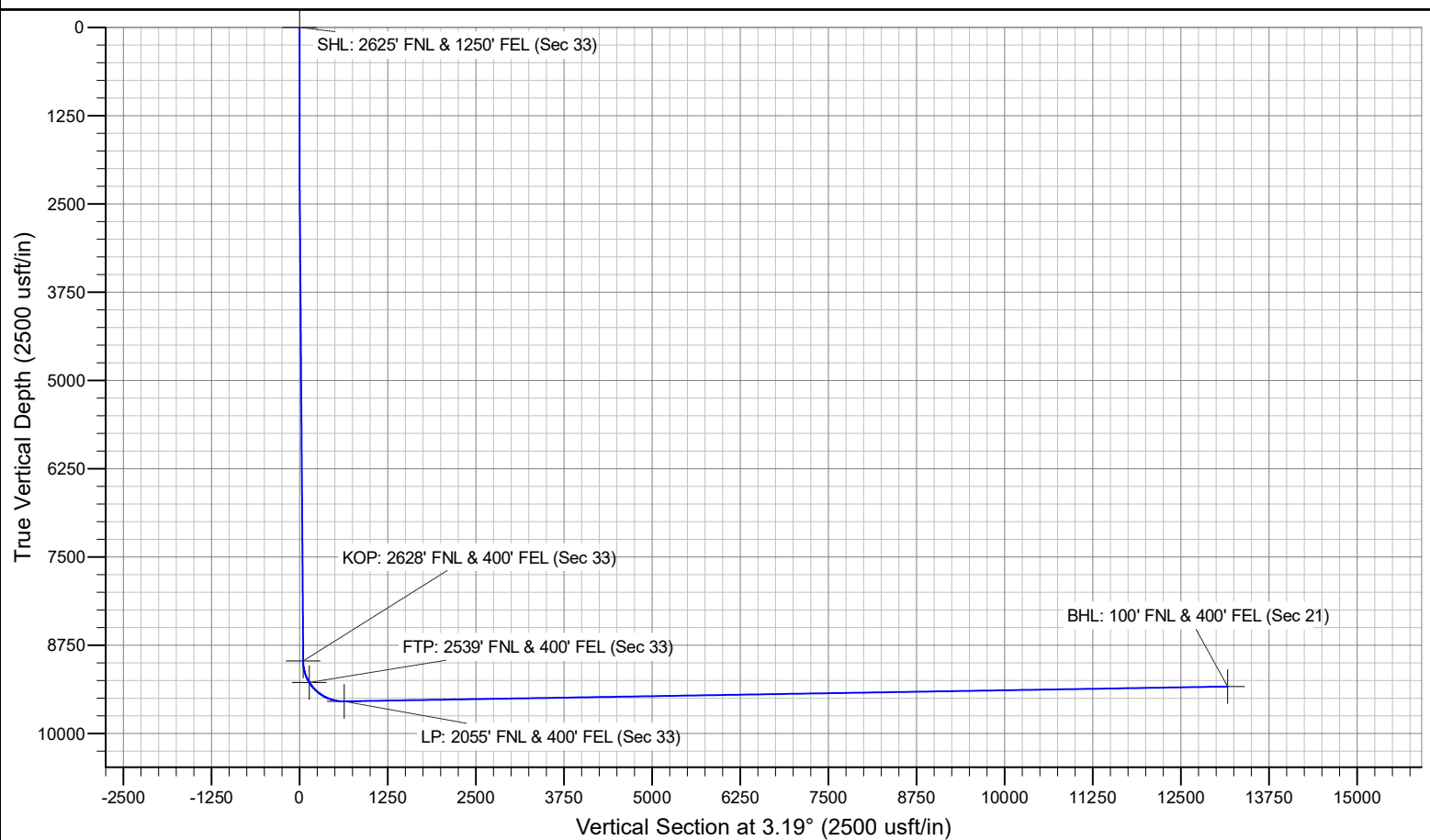
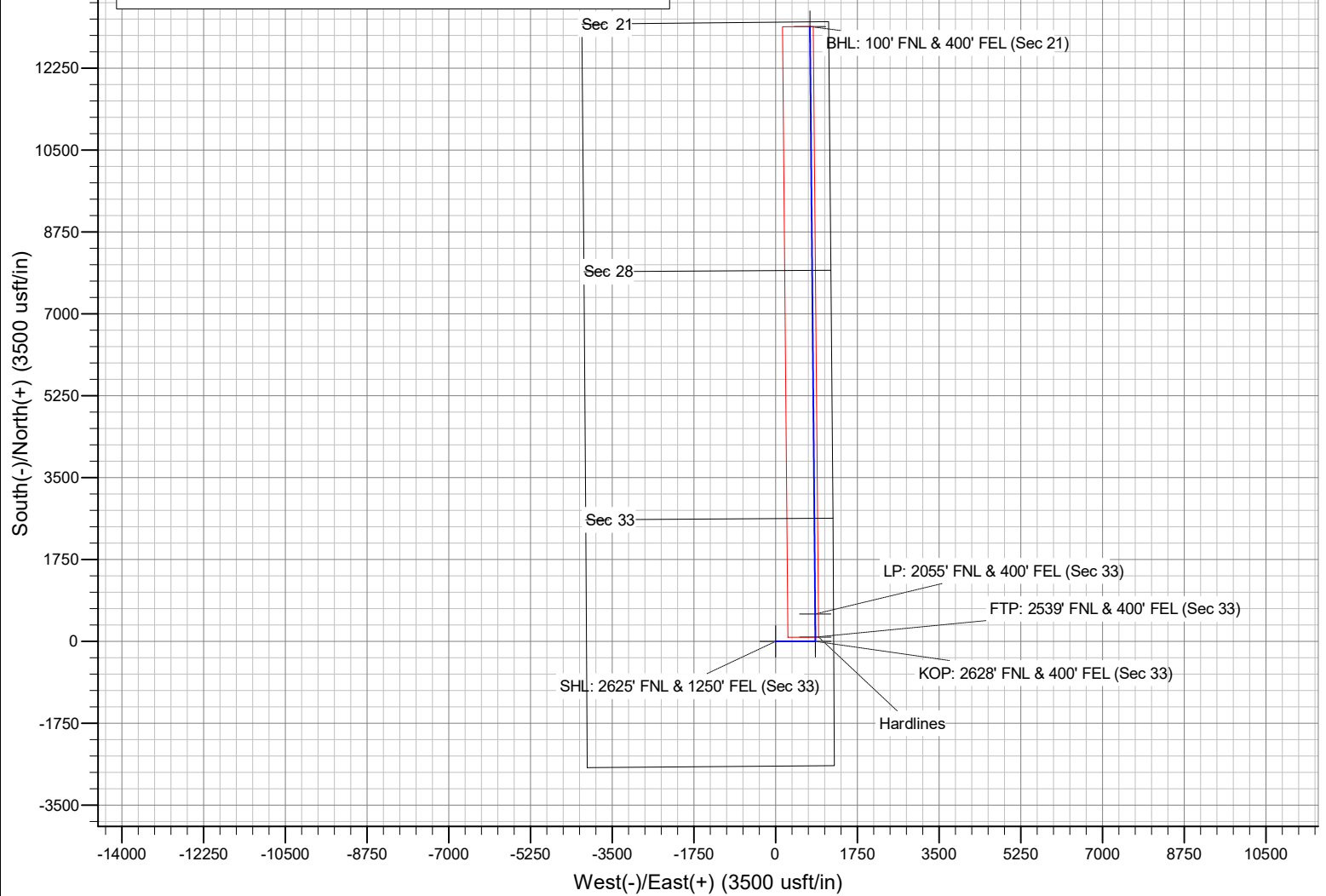
Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
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)	
19,700.0	90.96	359.49	9,382.7	10,346.8	757.6	10,373.0	0.00	0.00	0.00	
19,800.0	90.96	359.49	9,381.1	10,446.8	756.7	10,472.7	0.00	0.00	0.00	
19,900.0	90.96	359.49	9,379.4	10,546.8	755.8	10,572.5	0.00	0.00	0.00	
20,000.0	90.96	359.49	9,377.7	10,646.8	754.9	10,672.3	0.00	0.00	0.00	
20,100.0	90.96	359.49	9,376.1	10,746.8	754.0	10,772.1	0.00	0.00	0.00	
20,200.0	90.96	359.49	9,374.4	10,846.7	753.1	10,871.8	0.00	0.00	0.00	
20,300.0	90.96	359.49	9,372.7	10,946.7	752.2	10,971.6	0.00	0.00	0.00	
20,400.0	90.96	359.49	9,371.0	11,046.7	751.3	11,071.4	0.00	0.00	0.00	
20,500.0	90.96	359.49	9,369.4	11,146.7	750.5	11,171.2	0.00	0.00	0.00	
20,600.0	90.96	359.49	9,367.7	11,246.7	749.6	11,270.9	0.00	0.00	0.00	
20,700.0	90.96	359.49	9,366.0	11,346.6	748.7	11,370.7	0.00	0.00	0.00	
20,800.0	90.96	359.49	9,364.3	11,446.6	747.8	11,470.5	0.00	0.00	0.00	
20,900.0	90.96	359.49	9,362.7	11,546.6	746.9	11,570.3	0.00	0.00	0.00	
21,000.0	90.96	359.49	9,361.0	11,646.6	746.0	11,670.1	0.00	0.00	0.00	
21,100.0	90.96	359.49	9,359.3	11,746.6	745.1	11,769.8	0.00	0.00	0.00	
21,200.0	90.96	359.49	9,357.7	11,846.6	744.2	11,869.6	0.00	0.00	0.00	
21,300.0	90.96	359.49	9,356.0	11,946.5	743.3	11,969.4	0.00	0.00	0.00	
21,400.0	90.96	359.49	9,354.3	12,046.5	742.4	12,069.2	0.00	0.00	0.00	
21,500.0	90.96	359.49	9,352.6	12,146.5	741.5	12,168.9	0.00	0.00	0.00	
21,600.0	90.96	359.49	9,351.0	12,246.5	740.6	12,268.7	0.00	0.00	0.00	
21,700.0	90.96	359.49	9,349.3	12,346.5	739.7	12,368.5	0.00	0.00	0.00	
21,800.0	90.96	359.49	9,347.6	12,446.4	738.8	12,468.3	0.00	0.00	0.00	
21,900.0	90.96	359.49	9,346.0	12,546.4	737.9	12,568.1	0.00	0.00	0.00	
22,000.0	90.96	359.49	9,344.3	12,646.4	737.0	12,667.8	0.00	0.00	0.00	
22,100.0	90.96	359.49	9,342.6	12,746.4	736.1	12,767.6	0.00	0.00	0.00	
22,200.0	90.96	359.49	9,340.9	12,846.4	735.2	12,867.4	0.00	0.00	0.00	
22,300.0	90.96	359.49	9,339.3	12,946.4	734.3	12,967.2	0.00	0.00	0.00	
22,400.0	90.96	359.49	9,337.6	13,046.3	733.5	13,066.9	0.00	0.00	0.00	
22,495.2	90.96	359.49	9,336.0	13,141.5	732.6	13,161.9	0.00	0.00	0.00	
BHL: 100' FNL & 400' FEL (Sec 21)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL: 2625' FNL & 1250' - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	589,279.20	810,938.70	32.6169267	-103.4577193	
KOP: 2628' FNL & 400' I - plan hits target center - Point	0.00	0.00	8,973.0	2.2	850.2	589,281.40	811,788.90	32.6169135	-103.4549582	
FTP: 2539' FNL & 400' F - plan hits target center - Point	0.00	0.00	9,279.7	91.2	849.4	589,370.40	811,788.10	32.6171581	-103.4549584	
BHL: 100' FNL & 400' FE - plan hits target center - Point	0.00	0.00	9,336.0	13,141.5	732.6	602,420.70	811,671.30	32.6530283	-103.4549873	
LP: 2055' FNL & 400' FE - plan hits target center - Point	0.00	0.00	9,546.0	584.8	845.0	589,864.04	811,783.68	32.6185149	-103.4549595	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Charolais 33/21 B1HA State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3718.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3718.0usft (Original Well Elev)
Site:	Charolais 33/21 B1HA State Com #1H	North Reference:	Grid
Well:	Sec 33, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100 FNL & 400 FEL (21)		
Design:	Design #1		



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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 172352

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 172352
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	1/5/2023