

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

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.)		WELL API NO. 30-025-50243
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 5270 Hobbs, NM 88240		7. Lease Name or Unit Agreement Name Mad Dog 26/35 B1DM State Com
4. Well Location Unit Letter <u>D</u> : <u>205</u> feet from the <u>FNL</u> line and <u>1240</u> feet from the <u>FWL</u> line Section <u>26</u> Township <u>23S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well Number <u>001H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3413' GL		9. OGRID Number <u>14744</u>
		10. Pool name or Wildcat Antelope Ridge; Bone Spring [2200]

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☒	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.

1) Change BHL from 100' FSL & 660' FWL (Sec 35, T23S, R34E, 32.254091,-103.4472197) to 100' FSL & 400' FWL (Sec 35, T23S, R34E, 32.2540942,-103.4480605)

**Proposed Spud Date: 9/22/2022

2) Please refer to attached documents for plan adjustments.

Spud Date:

9/22/2022

Rig Release Date:

10/17/2022

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

SIGNATURE CCW TITLE Engineer DATE 09/14/2022

Type or print name Christian Ward E-mail address: cward@mewbourne.com PHONE: (580) 754-0042

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 30-025-50243	² Pool Code 2200	³ Pool Name Antelope Ridge; Bone Spring [2200]
⁴ Property Code 332923	⁵ Property Name MAD DOG 26/35 B1DM STATE COM	⁶ Well Number 1H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 3413'

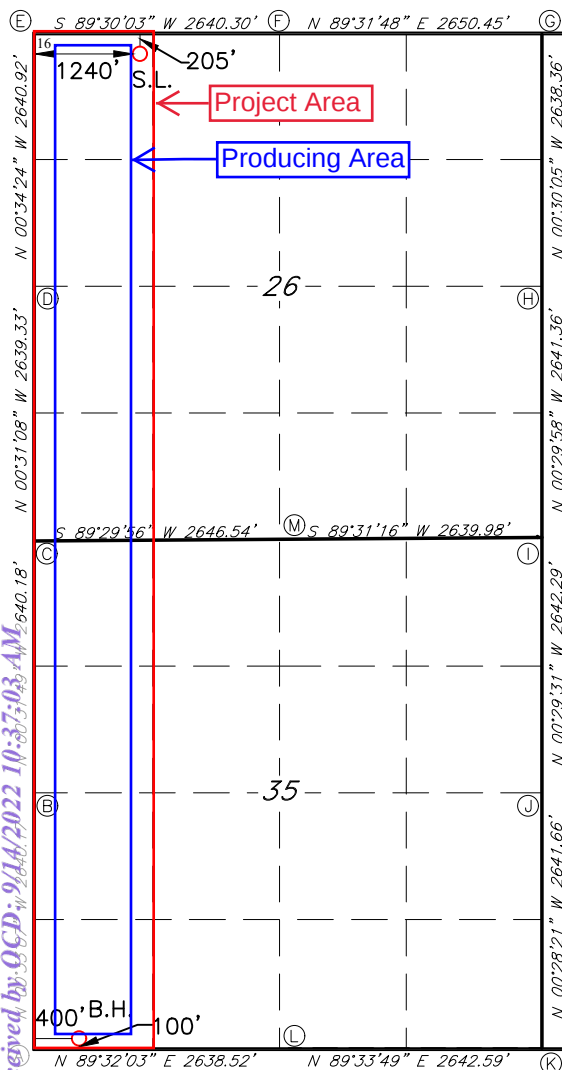
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	26	23S	34E		205	NORTH	1240	WEST	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
M	35	23S	34E		100	SOUTH	400	WEST	LEA
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N: 467562.1 - E: 815749.3
LAT: 32.2822802° N
LONG: 103.4453839° W
BOTTOM HOLE
N: 457301.1 - E: 815006.7
LAT: 32.2540942° N
LONG: 103.4480605° W
CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRASS CAP "1913"
N: 457197.9 - E: 814607.8
B: FOUND BRASS CAP "1913"
N: 459837.5 - E: 814582.3
C: FOUND BRASS CAP "1913"
N: 462477.1 - E: 814557.9
D: FOUND BRASS CAP "1913"
N: 465115.9 - E: 814534.0
E: CALCULATED CORNER
N: 467756.2 - E: 814507.6
F: FOUND BRASS CAP "1913"
N: 467779.2 - E: 817147.3
G: FOUND BRASS CAP "1913"
N: 467801.0 - E: 819797.3
H: FOUND BRASS CAP "1913"
N: 465163.1 - E: 819820.3
I: FOUND BRASS CAP "1913"
N: 462522.3 - E: 819843.4
J: FOUND BRASS CAP "1913"
N: 459880.6 - E: 819866.0
K: FOUND BRASS CAP "1913"
N: 457239.4 - E: 819887.8
L: FOUND BRASS CAP "1913"
N: 457219.3 - E: 817245.8
M: FOUND 1/2" REBAR
N: 462500.2 - E: 817203.9

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.

CCW
Signature

09/14/2022

Date

Christian Ward
Printed Name

cward@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.

12/13/2021

Date of Survey

Signature and Seal of Professional Surveyor

19680

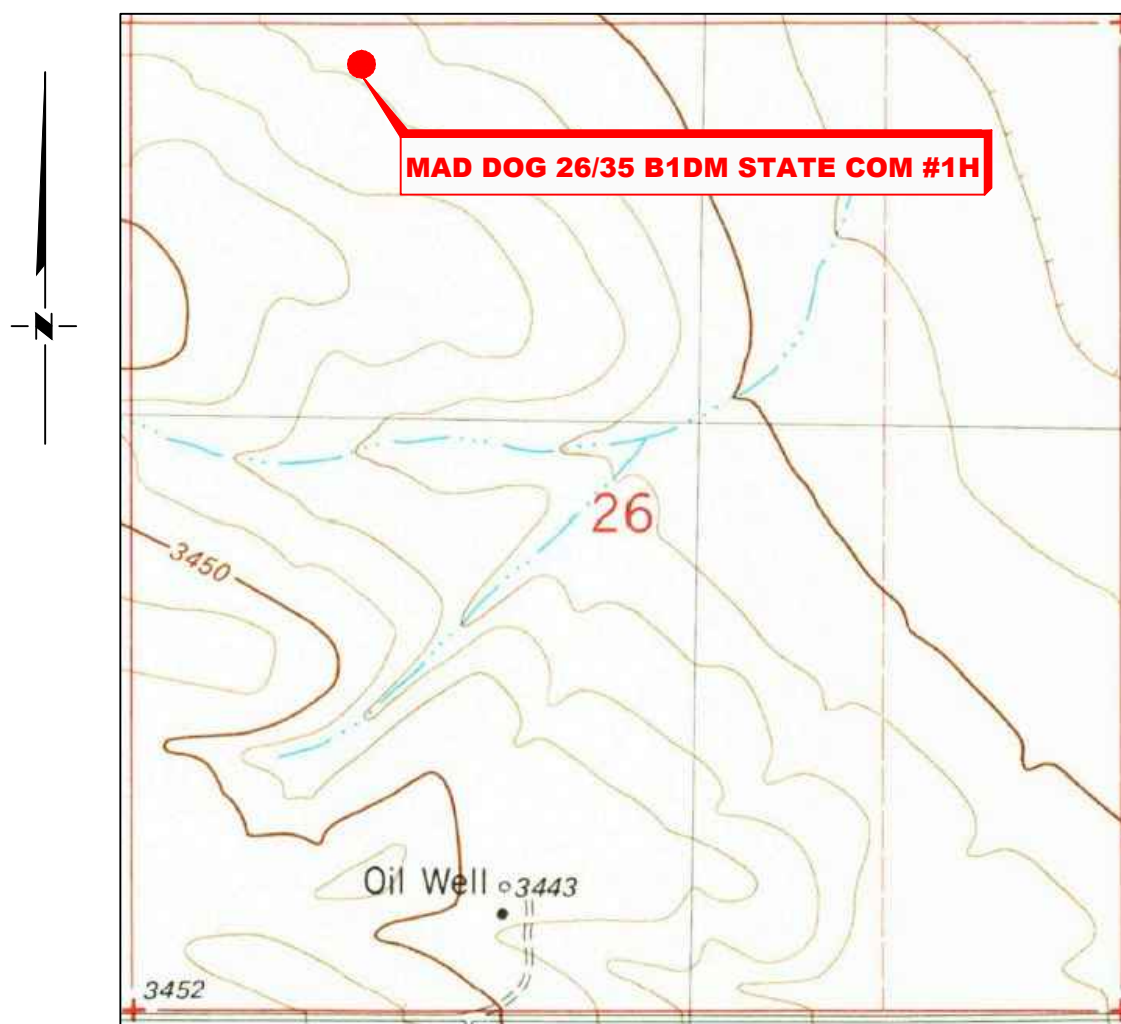
Certificate Number

REV: SHL & BH MOVE 07/26/22

Job No: LS21121283R1

LOCATION VERIFICATION MAP

NOT TO SCALE



*SECTION 26, TWP. 23 SOUTH, RGE. 34 EAST,
N. M. P. M., LEA COUNTY, NEW MEXICO*

OPERATOR: Mewbourne Oil Company
 LEASE: Mad Dog 26/35 B1DM State Com
 WELL NO.: 1H
 ELEVATION: 3413'

LOCATION: 205' FNL & 1240' FWL
 CONTOUR INTERVAL: 10'
 USGS TOPO. SOURCE MAP:
San Simon Sink, NM (1984)

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1	SHL MOVE	03/02/22
NO.	REVISION	DATE
JOB NO.: LS21121283R		
DWG. NO.: 21121283R-2		

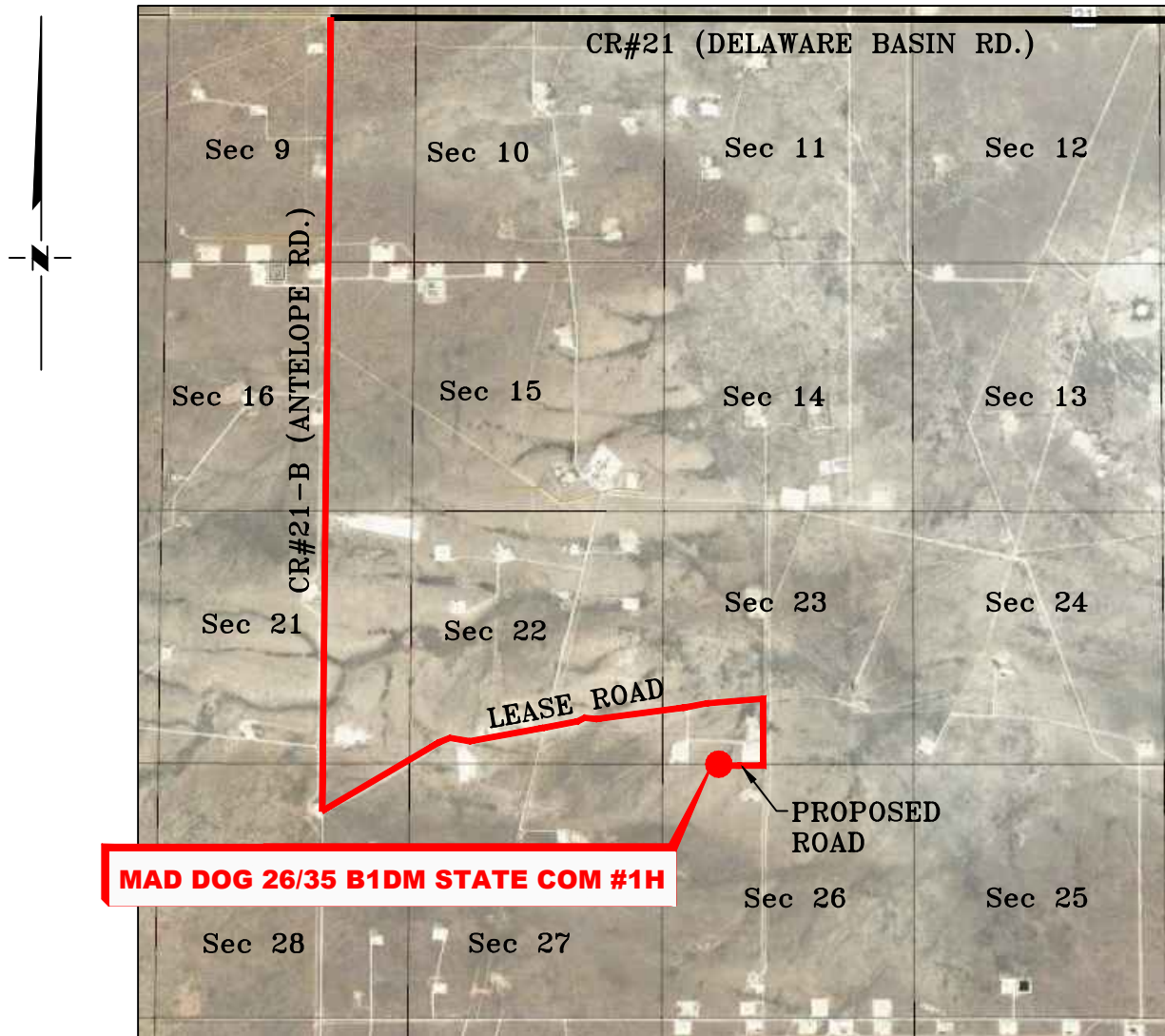


701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 12/13/2021
SURVEYED BY: ML/AG
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1

VICINITY MAP

NOT TO SCALE



SECTION 26, TWP. 23 SOUTH, RGE. 34 EAST,
N. M. P. M., LEA COUNTY, NEW MEXICO

OPERATOR: Mewbourne Oil Company
LEASE: Mad Dog 26/35 B1DM State Com
WELL NO.: 1H

LOCATION: 205' FNL & 1240' FWL
ELEVATION: 3413'

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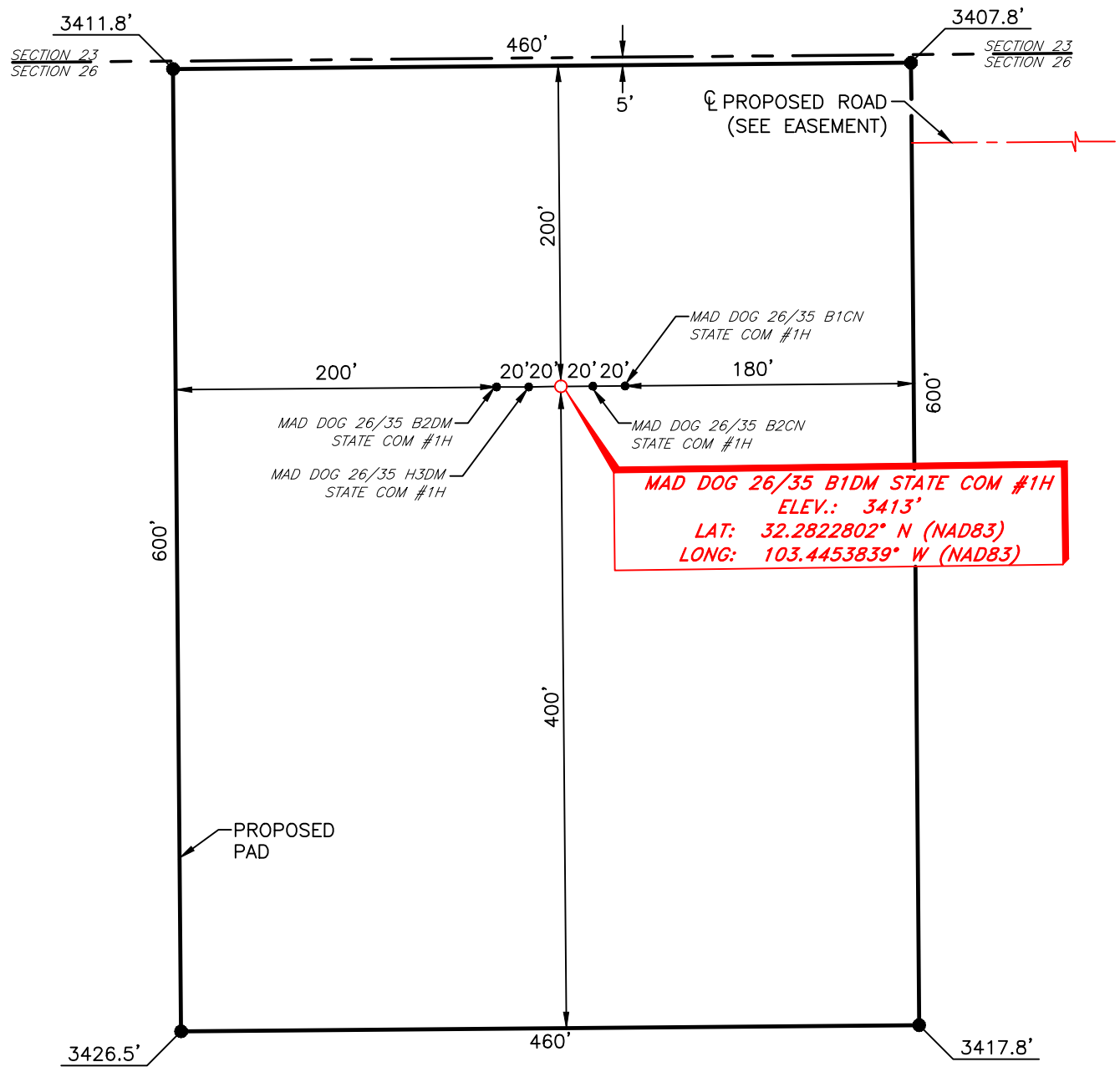
1	SHL MOVE	03/02/22
NO.	REVISION	DATE
JOB NO.: LS21121283R		
DWG. NO.: 21121283R-3		



ENERGY SERVICES LLC.
701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.
DATE: 12/13/21
SURVEYED BY: ML/AG
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
MAD DOG 26/35 B1DM STATE COM #1H
(205' FNL & 1240' FWL)
SECTION 26, T23S, R34E
N. M. P. M., LEA CO., NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of CR #21 (Delaware Basin Rd.) & CR #21-B (Antelope Rd.);
Go South on CR #21-B approx. 3.2 miles to lease road on left;
Turn left and go East approx. 1.8 miles to lease road on the right;
Turn right and go South approx. 0.25 miles to proposed road on the right;
Turn right and go West approx. 0.2 miles to location on the left.



SCALE: 1" = 100'
0 50 100
BEARINGS ARE
NAD 83 GRID - NM EAST
DISTANCES ARE
GROUND.

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS
AND/OR PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY
DATA IS SHOWN FROM A PREVIOUS SURVEY REFERENCED HEREON.

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1	SHL MOVE	03/02/22
NO.	REVISION	DATE
JOB NO.: LS21121283R		
DWG. NO.: 21121283R-4		

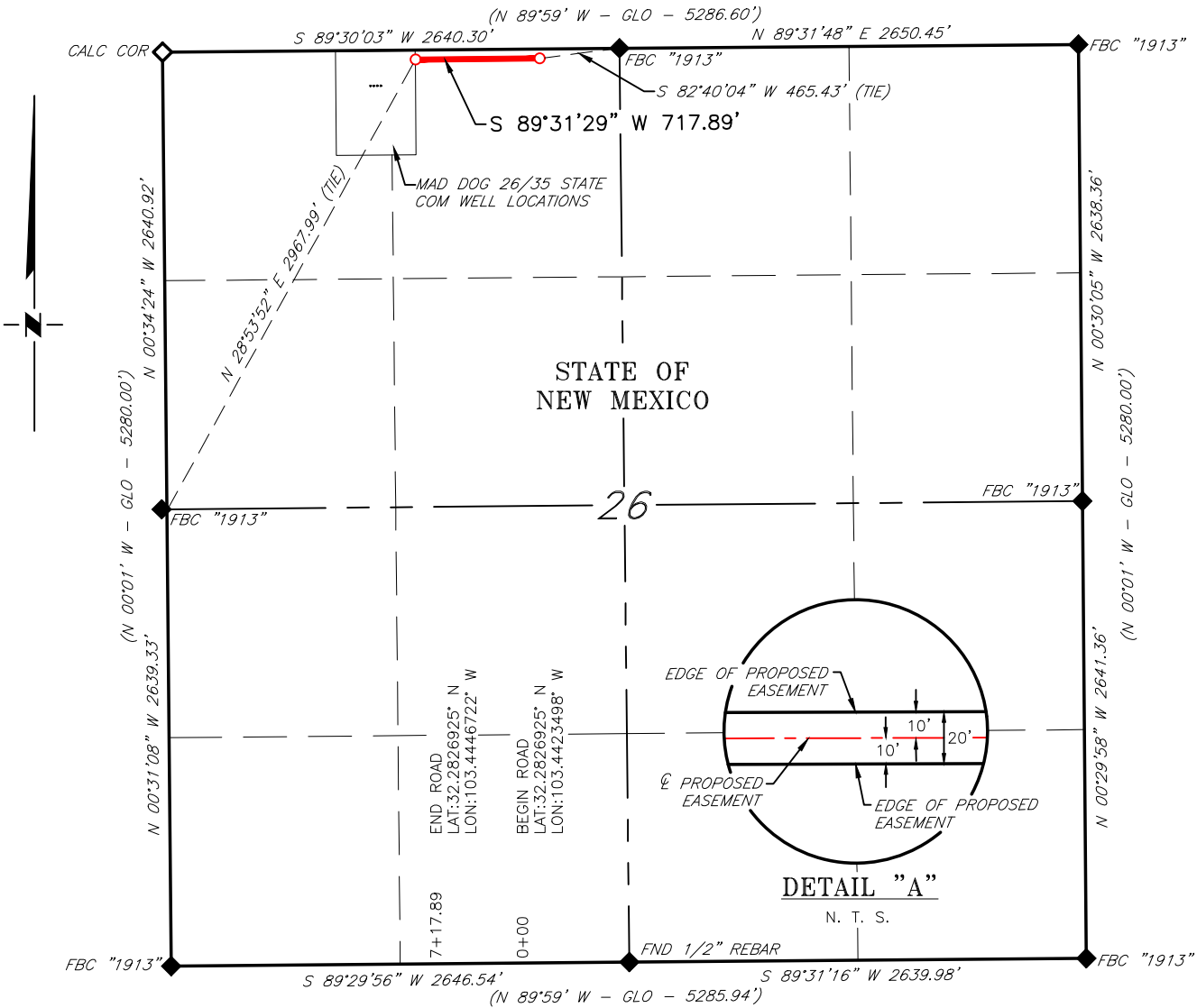
RRC

ENERGY SERVICES LLC.

701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 12/13/2021
SURVEYED BY: ML/AG
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
PROPOSED ACCESS ROAD FOR THE MAD DOG 26/35 DM & CN
STATE COM WELL LOCATIONS
SECTION 26, T23S, R34E,
N. M. P. M., LEA CO., NEW MEXICO



DESCRIPTION

A strip of land 20 feet wide, being 717.89 feet or 43.508 rods in length, lying in Section 26, Township 23 South, Range 34 East, N. M. P. M., Lea County, New Mexico, being 10 feet left and 10 feet right of the following described survey of a centerline across State of New Mexico land:

BEGINNING at Engr. Sta. 0+00, a point in the Northwest quarter of Section 26, which bears, S 82°40'04" W, 465.43 feet, from a brass cap, stamped "1913", found for the North quarter corner of Section 26;

Thence S 89°31'29" W, 717.89 feet, to Engr. Sta. 7+17.89, the End of Survey, a point in the Northwest quarter of Section 26, which bears, N 28°53'52" E, 2,967.99 feet from brass cap, stamped "1913", found for the West quarter corner of Section 26.

Said strip of land contains 0.330 acres, more or less, and is allocated by forties as follows:

NE 1/4 NW 1/4 717.89 Feet 43.508 Rods 0.330 Acres

SCALE: 1" = 1000'

0 500' 1000'

BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

() RECORD DATA - GLO
◇ CALCULATED CORNER
◆ FOUND MONUMENT AS NOTED
— PROPOSED ACCESS ROAD

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.: LS21121283		
DWG. NO.: 21121283-5		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 12/13/2021
SURVEYED BY: ML/AG
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1

Operator Name:	Property Name:	Well Number
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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 06/27/2018

Mad Dog 26/35 B1DM State Com #1H SHL: 205' FNL & 1240' FWL (Sec 26) BHL: 100' FSL & 400' FWL (Sec 35)								
Casing Type	Fluid Type	Hole Size	Casing Description	Casing Weight	Top MD	Setting Depth	Sacks Cement	Top of Lead/Top of Tail
Surface	Spud Mud	17.5"	13.375" 48# H40 STC	48.0 lb/ft	0'	840'	630	0'/649'
Intermediate	Brine	12.25"	9.625" 36# J55 LTC	36.0 lb/ft	0'	3453'	1000	0'/4318'
Intermediate	Brine	12.25"	9.625" 40# J55 LTC	40.0 lb/ft	3453'	4393'		
Intermediate	Brine	12.25"	9.625" 40# N80 LTC	40.0 lb/ft	4393'	5000'		
Production	Cut-Brine	8.75"	7" 26# P110 LTC	26.0 lb/ft	0'	9150'	570	4800'/6683
Liner	OBM	6.125"	4.5" 13.5# P110 LTC	13.5 lb/ft	8938'	19979'	710	8938'/NA

Mewbourne Oil Company, Mad Dog 26/35 B1DM State Com #1H**Sec 26, T23S, R34E****SHL: 205' FNL & 1240' FWL, Sec 26****BHL: 100' FSL & 400' FWL, Sec 35****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'	840'	13.375"	48	H40	STC	2.00	4.50	7.99	13.42
12.25"	0'	3453'	9.625"	36	J55	LTC	1.13	1.96	2.43	3.03
12.25"	3453'	4393'	9.625"	40	J55	LTC	1.13	1.73	8.40	10.18
12.25"	4393'	5000'	9.625"	40	N80	LTC	1.19	2.21	30.36	37.74
8.75"	0'	9150'	7"	26	P110	LTC	1.36	2.17	2.69	3.49
6.125"	8938'	19979'	4.5"	13.5	P110	LTC	2.11	2.45	2.27	2.83
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.	N
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

Lea County, New Mexico NAD 83

Mad Dog 26/35 B1DM State Com #1H

Sec 26, T23S, R34E

SHL: 205' FNL & 1240' FWL, Sec 26

BHL: 100' FSL & 400' FWL (Sec 35)

Plan: Design #1

Standard Planning Report

14 September, 2022

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Mad Dog 26/35 B1DM State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3441.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3441.0usft (Original Well Elev)
Site:	Mad Dog 26/35 B1DM State Com #1H	North Reference:	Grid
Well:	Sec 26, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 400' FWL (Sec 35)		
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		Mad Dog 26/35 B1DM State Com #1H				
Site Position:		Northing:	467,562.10	usft	Latitude:	32.2822803
From:	Map	Easting:	815,749.30	usft	Longitude:	-103.4453840
Position Uncertainty:		0.0	usft	Slot Radius:	13-3/16	"

Well	Sec 26, T23S, R34E					
Well Position	+N/-S	0.0 usft	Northing:	467,562.10 usft	Latitude:	32.2822803
	+E/-W	0.0 usft	Easting:	815,749.30 usft	Longitude:	-103.4453840
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,441.0 usft	Ground Level:	3,413.0 usft
Grid Convergence:		0.47 °				

Wellbore	BHL: 100' FSL & 400' FWL (Sec 35)				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.09	60.17	48,310.39333099

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	184.14	

Plan Survey Tool Program	Date	9/14/2022			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	19,979.9	Design #1 (BHL: 100' FSL & 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	
850.0	0.00	0.00	850.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,157.6	6.15	282.57	1,157.0	3.6	-16.1	2.00	2.00	0.00	282.57	
8,896.2	6.15	282.57	8,851.0	184.0	-825.5	0.00	0.00	0.00	0.00	
9,203.7	0.00	0.00	9,158.0	187.6	-841.6	2.00	-2.00	0.00	180.00	KOP: 10' FNL & 400' I
10,104.7	90.09	179.46	9,731.0	-386.3	-836.2	10.00	10.00	0.00	179.46	
19,979.9	90.09	179.46	9,716.0	-10,261.0	-742.6	0.00	0.00	0.00	0.00	BHL: 100' FSL & 400'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Mad Dog 26/35 B1DM State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3441.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3441.0usft (Original Well Elev)
Site:	Mad Dog 26/35 B1DM State Com #1H	North Reference:	Grid
Well:	Sec 26, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 400' FWL (Sec 35)		
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: 205' FNL & 1240' FWL (26)									
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
850.0	0.00	0.00	850.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	1.00	282.57	900.0	0.1	-0.4	-0.1	2.00	2.00	0.00
1,000.0	3.00	282.57	999.9	0.9	-3.8	-0.6	2.00	2.00	0.00
1,100.0	5.00	282.57	1,099.7	2.4	-10.6	-1.6	2.00	2.00	0.00
1,157.6	6.15	282.57	1,157.0	3.6	-16.1	-2.4	2.00	2.00	0.00
1,200.0	6.15	282.57	1,199.2	4.6	-20.5	-3.1	0.00	0.00	0.00
1,300.0	6.15	282.57	1,298.6	6.9	-31.0	-4.7	0.00	0.00	0.00
1,400.0	6.15	282.57	1,398.0	9.2	-41.5	-6.2	0.00	0.00	0.00
1,500.0	6.15	282.57	1,497.4	11.6	-51.9	-7.8	0.00	0.00	0.00
1,600.0	6.15	282.57	1,596.9	13.9	-62.4	-9.4	0.00	0.00	0.00
1,700.0	6.15	282.57	1,696.3	16.2	-72.8	-10.9	0.00	0.00	0.00
1,800.0	6.15	282.57	1,795.7	18.6	-83.3	-12.5	0.00	0.00	0.00
1,900.0	6.15	282.57	1,895.1	20.9	-93.8	-14.1	0.00	0.00	0.00
2,000.0	6.15	282.57	1,994.6	23.2	-104.2	-15.6	0.00	0.00	0.00
2,100.0	6.15	282.57	2,094.0	25.6	-114.7	-17.2	0.00	0.00	0.00
2,200.0	6.15	282.57	2,193.4	27.9	-125.1	-18.8	0.00	0.00	0.00
2,300.0	6.15	282.57	2,292.8	30.2	-135.6	-20.4	0.00	0.00	0.00
2,400.0	6.15	282.57	2,392.3	32.6	-146.1	-21.9	0.00	0.00	0.00
2,500.0	6.15	282.57	2,491.7	34.9	-156.5	-23.5	0.00	0.00	0.00
2,600.0	6.15	282.57	2,591.1	37.2	-167.0	-25.1	0.00	0.00	0.00
2,700.0	6.15	282.57	2,690.5	39.5	-177.4	-26.6	0.00	0.00	0.00
2,800.0	6.15	282.57	2,790.0	41.9	-187.9	-28.2	0.00	0.00	0.00
2,900.0	6.15	282.57	2,889.4	44.2	-198.3	-29.8	0.00	0.00	0.00
3,000.0	6.15	282.57	2,988.8	46.5	-208.8	-31.3	0.00	0.00	0.00
3,100.0	6.15	282.57	3,088.2	48.9	-219.3	-32.9	0.00	0.00	0.00
3,200.0	6.15	282.57	3,187.6	51.2	-229.7	-34.5	0.00	0.00	0.00
3,300.0	6.15	282.57	3,287.1	53.5	-240.2	-36.1	0.00	0.00	0.00
3,400.0	6.15	282.57	3,386.5	55.9	-250.6	-37.6	0.00	0.00	0.00
3,500.0	6.15	282.57	3,485.9	58.2	-261.1	-39.2	0.00	0.00	0.00
3,600.0	6.15	282.57	3,585.3	60.5	-271.6	-40.8	0.00	0.00	0.00
3,700.0	6.15	282.57	3,684.8	62.9	-282.0	-42.3	0.00	0.00	0.00
3,800.0	6.15	282.57	3,784.2	65.2	-292.5	-43.9	0.00	0.00	0.00
3,900.0	6.15	282.57	3,883.6	67.5	-302.9	-45.5	0.00	0.00	0.00
4,000.0	6.15	282.57	3,983.0	69.9	-313.4	-47.0	0.00	0.00	0.00
4,100.0	6.15	282.57	4,082.5	72.2	-323.9	-48.6	0.00	0.00	0.00
4,200.0	6.15	282.57	4,181.9	74.5	-334.3	-50.2	0.00	0.00	0.00
4,300.0	6.15	282.57	4,281.3	76.8	-344.8	-51.8	0.00	0.00	0.00
4,400.0	6.15	282.57	4,380.7	79.2	-355.2	-53.3	0.00	0.00	0.00
4,500.0	6.15	282.57	4,480.2	81.5	-365.7	-54.9	0.00	0.00	0.00
4,600.0	6.15	282.57	4,579.6	83.8	-376.2	-56.5	0.00	0.00	0.00
4,700.0	6.15	282.57	4,679.0	86.2	-386.6	-58.0	0.00	0.00	0.00
4,800.0	6.15	282.57	4,778.4	88.5	-397.1	-59.6	0.00	0.00	0.00
4,900.0	6.15	282.57	4,877.9	90.8	-407.5	-61.2	0.00	0.00	0.00
5,000.0	6.15	282.57	4,977.3	93.2	-418.0	-62.8	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Mad Dog 26/35 B1DM State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3441.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3441.0usft (Original Well Elev)
Site:	Mad Dog 26/35 B1DM State Com #1H	North Reference:	Grid
Well:	Sec 26, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 400' FWL (Sec 35)		
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	6.15	282.57	5,076.7	95.5	-428.5	-64.3	0.00	0.00	0.00
5,200.0	6.15	282.57	5,176.1	97.8	-438.9	-65.9	0.00	0.00	0.00
5,300.0	6.15	282.57	5,275.6	100.2	-449.4	-67.5	0.00	0.00	0.00
5,400.0	6.15	282.57	5,375.0	102.5	-459.8	-69.0	0.00	0.00	0.00
5,500.0	6.15	282.57	5,474.4	104.8	-470.3	-70.6	0.00	0.00	0.00
5,600.0	6.15	282.57	5,573.8	107.2	-480.8	-72.2	0.00	0.00	0.00
5,700.0	6.15	282.57	5,673.3	109.5	-491.2	-73.7	0.00	0.00	0.00
5,800.0	6.15	282.57	5,772.7	111.8	-501.7	-75.3	0.00	0.00	0.00
5,900.0	6.15	282.57	5,872.1	114.1	-512.1	-76.9	0.00	0.00	0.00
6,000.0	6.15	282.57	5,971.5	116.5	-522.6	-78.5	0.00	0.00	0.00
6,100.0	6.15	282.57	6,070.9	118.8	-533.1	-80.0	0.00	0.00	0.00
6,200.0	6.15	282.57	6,170.4	121.1	-543.5	-81.6	0.00	0.00	0.00
6,300.0	6.15	282.57	6,269.8	123.5	-554.0	-83.2	0.00	0.00	0.00
6,400.0	6.15	282.57	6,369.2	125.8	-564.4	-84.7	0.00	0.00	0.00
6,500.0	6.15	282.57	6,468.6	128.1	-574.9	-86.3	0.00	0.00	0.00
6,600.0	6.15	282.57	6,568.1	130.5	-585.3	-87.9	0.00	0.00	0.00
6,700.0	6.15	282.57	6,667.5	132.8	-595.8	-89.4	0.00	0.00	0.00
6,800.0	6.15	282.57	6,766.9	135.1	-606.3	-91.0	0.00	0.00	0.00
6,900.0	6.15	282.57	6,866.3	137.5	-616.7	-92.6	0.00	0.00	0.00
7,000.0	6.15	282.57	6,965.8	139.8	-627.2	-94.2	0.00	0.00	0.00
7,100.0	6.15	282.57	7,065.2	142.1	-637.6	-95.7	0.00	0.00	0.00
7,200.0	6.15	282.57	7,164.6	144.5	-648.1	-97.3	0.00	0.00	0.00
7,300.0	6.15	282.57	7,264.0	146.8	-658.6	-98.9	0.00	0.00	0.00
7,400.0	6.15	282.57	7,363.5	149.1	-669.0	-100.4	0.00	0.00	0.00
7,500.0	6.15	282.57	7,462.9	151.4	-679.5	-102.0	0.00	0.00	0.00
7,600.0	6.15	282.57	7,562.3	153.8	-689.9	-103.6	0.00	0.00	0.00
7,700.0	6.15	282.57	7,661.7	156.1	-700.4	-105.1	0.00	0.00	0.00
7,800.0	6.15	282.57	7,761.2	158.4	-710.9	-106.7	0.00	0.00	0.00
7,900.0	6.15	282.57	7,860.6	160.8	-721.3	-108.3	0.00	0.00	0.00
8,000.0	6.15	282.57	7,960.0	163.1	-731.8	-109.9	0.00	0.00	0.00
8,100.0	6.15	282.57	8,059.4	165.4	-742.2	-111.4	0.00	0.00	0.00
8,200.0	6.15	282.57	8,158.9	167.8	-752.7	-113.0	0.00	0.00	0.00
8,300.0	6.15	282.57	8,258.3	170.1	-763.2	-114.6	0.00	0.00	0.00
8,400.0	6.15	282.57	8,357.7	172.4	-773.6	-116.1	0.00	0.00	0.00
8,500.0	6.15	282.57	8,457.1	174.8	-784.1	-117.7	0.00	0.00	0.00
8,600.0	6.15	282.57	8,556.6	177.1	-794.5	-119.3	0.00	0.00	0.00
8,700.0	6.15	282.57	8,656.0	179.4	-805.0	-120.8	0.00	0.00	0.00
8,800.0	6.15	282.57	8,755.4	181.8	-815.5	-122.4	0.00	0.00	0.00
8,896.2	6.15	282.57	8,851.0	184.0	-825.5	-123.9	0.00	0.00	0.00
8,900.0	6.07	282.57	8,854.8	184.1	-825.9	-124.0	2.00	-2.00	0.00
9,000.0	4.07	282.57	8,954.4	186.0	-834.5	-125.3	2.00	-2.00	0.00
9,100.0	2.07	282.57	9,054.3	187.2	-839.8	-126.1	2.00	-2.00	0.00
9,203.7	0.00	0.00	9,158.0	187.6	-841.6	-126.3	2.00	-2.00	0.00
KOP: 10' FNL & 400' FWL (Sec 26)									
9,250.0	4.63	179.46	9,204.2	185.7	-841.6	-124.5	10.00	10.00	0.00
9,300.0	9.63	179.46	9,253.8	179.5	-841.5	-118.3	10.00	10.00	0.00
9,350.0	14.62	179.46	9,302.7	169.0	-841.4	-107.8	10.00	10.00	0.00
9,400.0	19.62	179.46	9,350.4	154.3	-841.3	-93.2	10.00	10.00	0.00
9,450.0	24.62	179.46	9,396.7	135.5	-841.1	-74.4	10.00	10.00	0.00
9,500.0	29.62	179.46	9,441.2	112.7	-840.9	-51.7	10.00	10.00	0.00
9,529.2	32.55	179.46	9,466.3	97.6	-840.8	-36.7	10.00	10.00	0.00
FTP: 100' FNL & 400' FWL (Sec 26)									
9,550.0	34.62	179.46	9,483.6	86.1	-840.7	-25.2	10.00	10.00	0.00
9,600.0	39.62	179.46	9,523.4	56.0	-840.4	4.9	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Mad Dog 26/35 B1DM State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3441.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3441.0usft (Original Well Elev)
Site:	Mad Dog 26/35 B1DM State Com #1H	North Reference:	Grid
Well:	Sec 26, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 400' FWL (Sec 35)		
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)
9,650.0	44.62	179.46	9,560.5	22.4	-840.0	38.3	10.00	10.00	0.00
9,700.0	49.62	179.46	9,594.5	-14.2	-839.7	74.8	10.00	10.00	0.00
9,750.0	54.62	179.46	9,625.2	-53.7	-839.3	114.1	10.00	10.00	0.00
9,800.0	59.62	179.46	9,652.3	-95.6	-838.9	155.9	10.00	10.00	0.00
9,850.0	64.62	179.46	9,675.7	-139.8	-838.5	200.0	10.00	10.00	0.00
9,900.0	69.62	179.46	9,695.1	-185.9	-838.1	245.9	10.00	10.00	0.00
9,950.0	74.62	179.46	9,710.5	-233.4	-837.6	293.3	10.00	10.00	0.00
10,000.0	79.62	179.46	9,721.6	-282.2	-837.2	341.8	10.00	10.00	0.00
10,050.0	84.62	179.46	9,728.5	-331.7	-836.7	391.2	10.00	10.00	0.00
10,103.4	89.96	179.46	9,731.0	-385.0	-836.2	444.4	10.00	10.00	0.00
LP: 583' FNL & 400' FWL (Sec 26)									
10,104.7	90.09	179.46	9,731.0	-386.3	-836.2	445.6	10.00	10.00	0.00
10,200.0	90.09	179.46	9,730.9	-481.6	-835.3	540.6	0.00	0.00	0.00
10,300.0	90.09	179.46	9,730.7	-581.6	-834.3	640.3	0.00	0.00	0.00
10,400.0	90.09	179.46	9,730.6	-681.6	-833.4	739.9	0.00	0.00	0.00
10,500.0	90.09	179.46	9,730.4	-781.6	-832.4	839.6	0.00	0.00	0.00
10,600.0	90.09	179.46	9,730.2	-881.6	-831.5	939.3	0.00	0.00	0.00
10,700.0	90.09	179.46	9,730.1	-981.6	-830.5	1,038.9	0.00	0.00	0.00
10,800.0	90.09	179.46	9,729.9	-1,081.5	-829.6	1,138.6	0.00	0.00	0.00
10,900.0	90.09	179.46	9,729.8	-1,181.5	-828.6	1,238.3	0.00	0.00	0.00
11,000.0	90.09	179.46	9,729.6	-1,281.5	-827.7	1,337.9	0.00	0.00	0.00
11,100.0	90.09	179.46	9,729.5	-1,381.5	-826.7	1,437.6	0.00	0.00	0.00
11,200.0	90.09	179.46	9,729.3	-1,481.5	-825.8	1,537.3	0.00	0.00	0.00
11,300.0	90.09	179.46	9,729.2	-1,581.5	-824.9	1,636.9	0.00	0.00	0.00
11,400.0	90.09	179.46	9,729.0	-1,681.5	-823.9	1,736.6	0.00	0.00	0.00
11,500.0	90.09	179.46	9,728.9	-1,781.5	-823.0	1,836.3	0.00	0.00	0.00
11,600.0	90.09	179.46	9,728.7	-1,881.5	-822.0	1,935.9	0.00	0.00	0.00
11,700.0	90.09	179.46	9,728.6	-1,981.5	-821.1	2,035.6	0.00	0.00	0.00
11,800.0	90.09	179.46	9,728.4	-2,081.5	-820.1	2,135.3	0.00	0.00	0.00
11,900.0	90.09	179.46	9,728.3	-2,181.5	-819.2	2,234.9	0.00	0.00	0.00
12,000.0	90.09	179.46	9,728.1	-2,281.5	-818.2	2,334.6	0.00	0.00	0.00
12,100.0	90.09	179.46	9,728.0	-2,381.5	-817.3	2,434.3	0.00	0.00	0.00
12,200.0	90.09	179.46	9,727.8	-2,481.5	-816.3	2,533.9	0.00	0.00	0.00
12,300.0	90.09	179.46	9,727.7	-2,581.5	-815.4	2,633.6	0.00	0.00	0.00
12,400.0	90.09	179.46	9,727.5	-2,681.5	-814.4	2,733.3	0.00	0.00	0.00
12,500.0	90.09	179.46	9,727.4	-2,781.5	-813.5	2,832.9	0.00	0.00	0.00
12,600.0	90.09	179.46	9,727.2	-2,881.5	-812.5	2,932.6	0.00	0.00	0.00
12,700.0	90.09	179.46	9,727.1	-2,981.5	-811.6	3,032.3	0.00	0.00	0.00
12,800.0	90.09	179.46	9,726.9	-3,081.5	-810.6	3,131.9	0.00	0.00	0.00
12,900.0	90.09	179.46	9,726.8	-3,181.5	-809.7	3,231.6	0.00	0.00	0.00
13,000.0	90.09	179.46	9,726.6	-3,281.4	-808.7	3,331.3	0.00	0.00	0.00
13,100.0	90.09	179.46	9,726.5	-3,381.4	-807.8	3,430.9	0.00	0.00	0.00
13,200.0	90.09	179.46	9,726.3	-3,481.4	-806.8	3,530.6	0.00	0.00	0.00
13,300.0	90.09	179.46	9,726.1	-3,581.4	-805.9	3,630.3	0.00	0.00	0.00
13,400.0	90.09	179.46	9,726.0	-3,681.4	-805.0	3,729.9	0.00	0.00	0.00
13,500.0	90.09	179.46	9,725.8	-3,781.4	-804.0	3,829.6	0.00	0.00	0.00
13,600.0	90.09	179.46	9,725.7	-3,881.4	-803.1	3,929.3	0.00	0.00	0.00
13,700.0	90.09	179.46	9,725.5	-3,981.4	-802.1	4,028.9	0.00	0.00	0.00
13,800.0	90.09	179.46	9,725.4	-4,081.4	-801.2	4,128.6	0.00	0.00	0.00
13,900.0	90.09	179.46	9,725.2	-4,181.4	-800.2	4,228.3	0.00	0.00	0.00
14,000.0	90.09	179.46	9,725.1	-4,281.4	-799.3	4,327.9	0.00	0.00	0.00
14,100.0	90.09	179.46	9,724.9	-4,381.4	-798.3	4,427.6	0.00	0.00	0.00
14,200.0	90.09	179.46	9,724.8	-4,481.4	-797.4	4,527.3	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Mad Dog 26/35 B1DM State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3441.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3441.0usft (Original Well Elev)
Site:	Mad Dog 26/35 B1DM State Com #1H	North Reference:	Grid
Well:	Sec 26, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 400' FWL (Sec 35)		
Design:	Design #1		

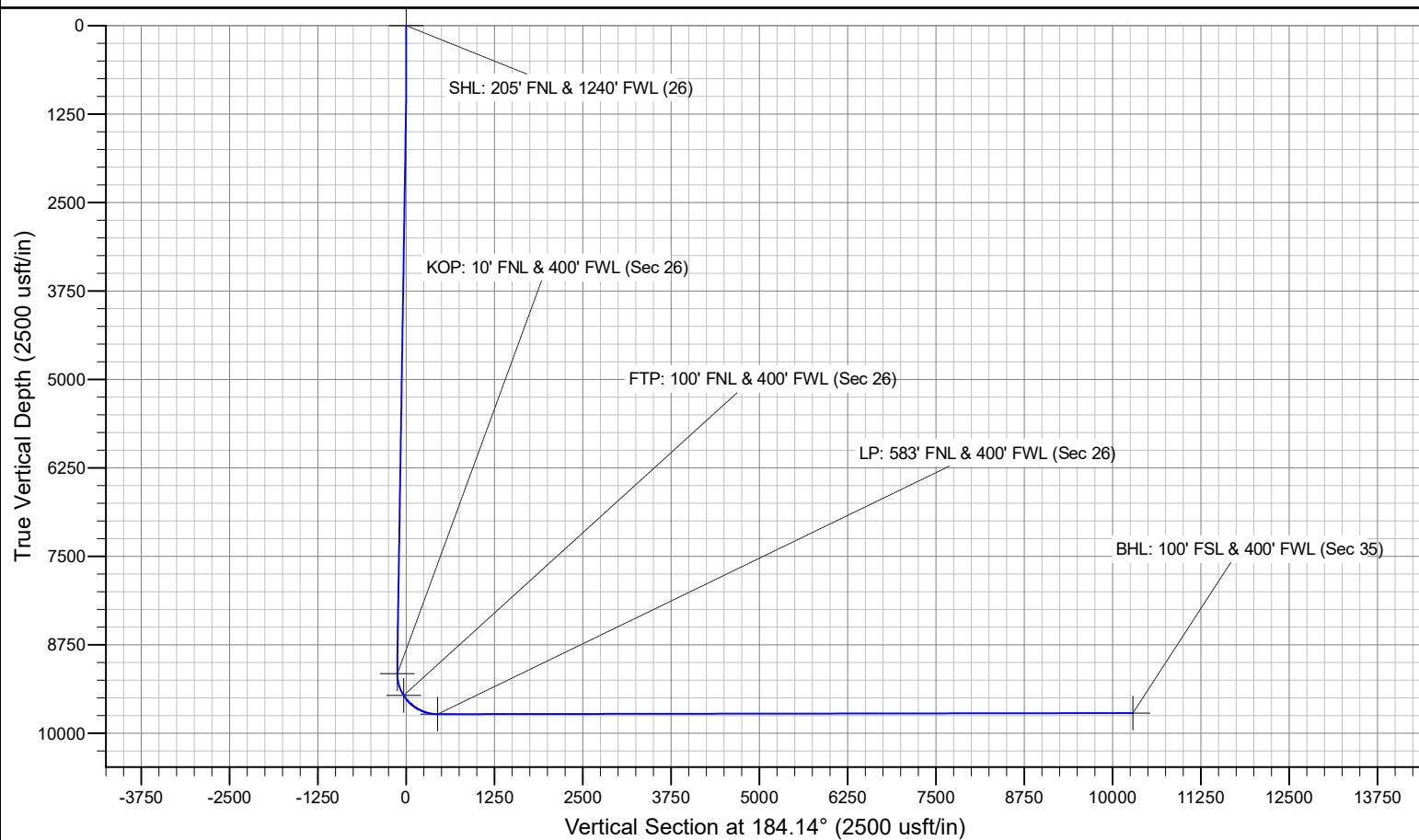
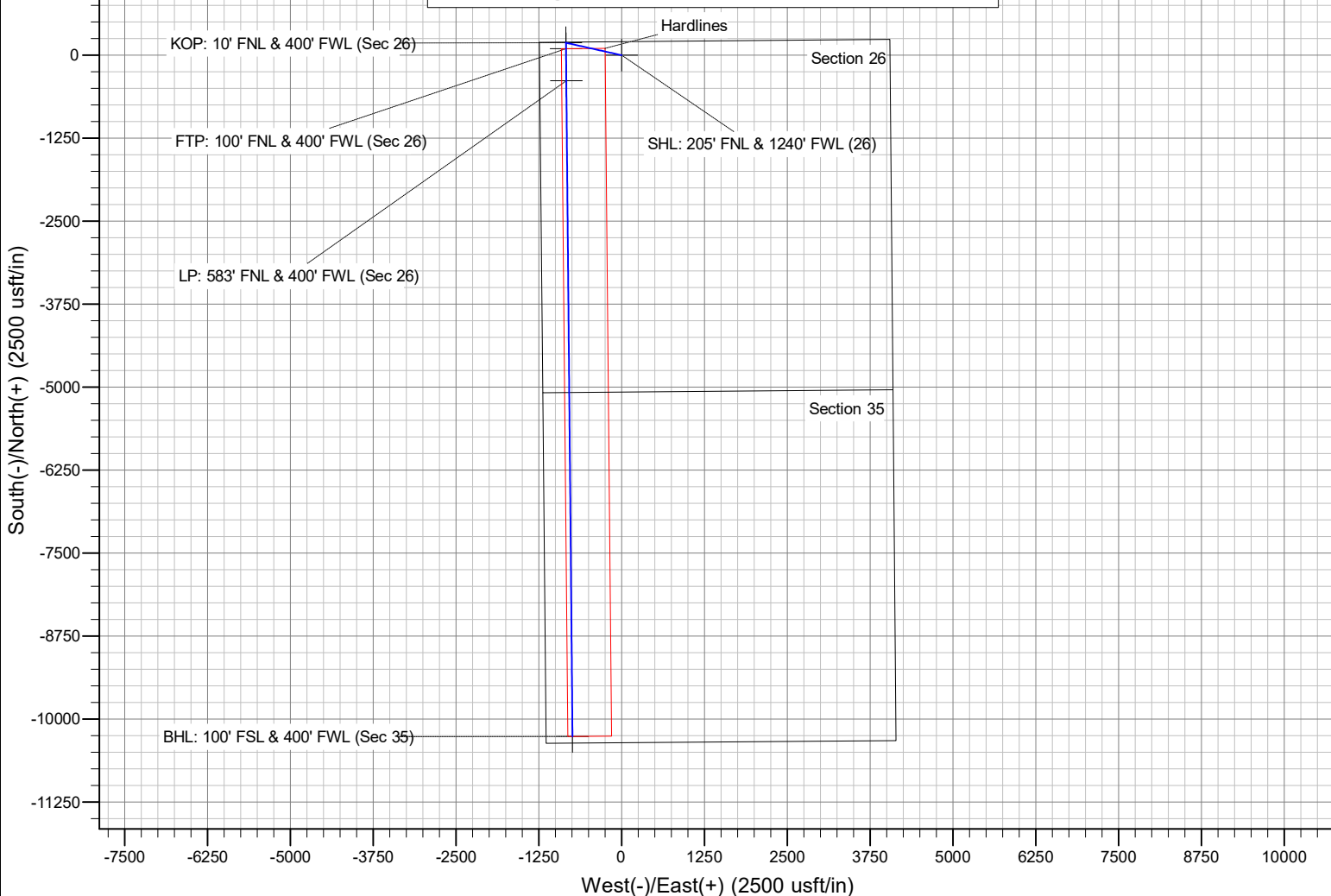
Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,300.0	90.09	179.46	9,724.6	-4,581.4	-796.4	4,626.9	0.00	0.00	0.00
14,400.0	90.09	179.46	9,724.5	-4,681.4	-795.5	4,726.6	0.00	0.00	0.00
14,500.0	90.09	179.46	9,724.3	-4,781.4	-794.5	4,826.3	0.00	0.00	0.00
14,600.0	90.09	179.46	9,724.2	-4,881.4	-793.6	4,925.9	0.00	0.00	0.00
14,700.0	90.09	179.46	9,724.0	-4,981.4	-792.6	5,025.6	0.00	0.00	0.00
14,800.0	90.09	179.46	9,723.9	-5,081.4	-791.7	5,125.3	0.00	0.00	0.00
14,900.0	90.09	179.46	9,723.7	-5,181.4	-790.7	5,224.9	0.00	0.00	0.00
15,000.0	90.09	179.46	9,723.6	-5,281.4	-789.8	5,324.6	0.00	0.00	0.00
15,100.0	90.09	179.46	9,723.4	-5,381.3	-788.8	5,424.3	0.00	0.00	0.00
15,200.0	90.09	179.46	9,723.3	-5,481.3	-787.9	5,523.9	0.00	0.00	0.00
15,300.0	90.09	179.46	9,723.1	-5,581.3	-786.9	5,623.6	0.00	0.00	0.00
15,400.0	90.09	179.46	9,723.0	-5,681.3	-786.0	5,723.3	0.00	0.00	0.00
15,500.0	90.09	179.46	9,722.8	-5,781.3	-785.1	5,822.9	0.00	0.00	0.00
15,600.0	90.09	179.46	9,722.7	-5,881.3	-784.1	5,922.6	0.00	0.00	0.00
15,700.0	90.09	179.46	9,722.5	-5,981.3	-783.2	6,022.2	0.00	0.00	0.00
15,800.0	90.09	179.46	9,722.3	-6,081.3	-782.2	6,121.9	0.00	0.00	0.00
15,900.0	90.09	179.46	9,722.2	-6,181.3	-781.3	6,221.6	0.00	0.00	0.00
16,000.0	90.09	179.46	9,722.0	-6,281.3	-780.3	6,321.2	0.00	0.00	0.00
16,100.0	90.09	179.46	9,721.9	-6,381.3	-779.4	6,420.9	0.00	0.00	0.00
16,200.0	90.09	179.46	9,721.7	-6,481.3	-778.4	6,520.6	0.00	0.00	0.00
16,300.0	90.09	179.46	9,721.6	-6,581.3	-777.5	6,620.2	0.00	0.00	0.00
16,400.0	90.09	179.46	9,721.4	-6,681.3	-776.5	6,719.9	0.00	0.00	0.00
16,500.0	90.09	179.46	9,721.3	-6,781.3	-775.6	6,819.6	0.00	0.00	0.00
16,600.0	90.09	179.46	9,721.1	-6,881.3	-774.6	6,919.2	0.00	0.00	0.00
16,700.0	90.09	179.46	9,721.0	-6,981.3	-773.7	7,018.9	0.00	0.00	0.00
16,800.0	90.09	179.46	9,720.8	-7,081.3	-772.7	7,118.6	0.00	0.00	0.00
16,900.0	90.09	179.46	9,720.7	-7,181.3	-771.8	7,218.2	0.00	0.00	0.00
17,000.0	90.09	179.46	9,720.5	-7,281.3	-770.8	7,317.9	0.00	0.00	0.00
17,100.0	90.09	179.46	9,720.4	-7,381.3	-769.9	7,417.6	0.00	0.00	0.00
17,200.0	90.09	179.46	9,720.2	-7,481.3	-768.9	7,517.2	0.00	0.00	0.00
17,300.0	90.09	179.46	9,720.1	-7,581.2	-768.0	7,616.9	0.00	0.00	0.00
17,400.0	90.09	179.46	9,719.9	-7,681.2	-767.0	7,716.6	0.00	0.00	0.00
17,500.0	90.09	179.46	9,719.8	-7,781.2	-766.1	7,816.2	0.00	0.00	0.00
17,600.0	90.09	179.46	9,719.6	-7,881.2	-765.2	7,915.9	0.00	0.00	0.00
17,700.0	90.09	179.46	9,719.5	-7,981.2	-764.2	8,015.6	0.00	0.00	0.00
17,800.0	90.09	179.46	9,719.3	-8,081.2	-763.3	8,115.2	0.00	0.00	0.00
17,900.0	90.09	179.46	9,719.2	-8,181.2	-762.3	8,214.9	0.00	0.00	0.00
18,000.0	90.09	179.46	9,719.0	-8,281.2	-761.4	8,314.6	0.00	0.00	0.00
18,100.0	90.09	179.46	9,718.9	-8,381.2	-760.4	8,414.2	0.00	0.00	0.00
18,200.0	90.09	179.46	9,718.7	-8,481.2	-759.5	8,513.9	0.00	0.00	0.00
18,300.0	90.09	179.46	9,718.6	-8,581.2	-758.5	8,613.6	0.00	0.00	0.00
18,400.0	90.09	179.46	9,718.4	-8,681.2	-757.6	8,713.2	0.00	0.00	0.00
18,500.0	90.09	179.46	9,718.2	-8,781.2	-756.6	8,812.9	0.00	0.00	0.00
18,600.0	90.09	179.46	9,718.1	-8,881.2	-755.7	8,912.6	0.00	0.00	0.00
18,700.0	90.09	179.46	9,717.9	-8,981.2	-754.7	9,012.2	0.00	0.00	0.00
18,800.0	90.09	179.46	9,717.8	-9,081.2	-753.8	9,111.9	0.00	0.00	0.00
18,900.0	90.09	179.46	9,717.6	-9,181.2	-752.8	9,211.6	0.00	0.00	0.00
19,000.0	90.09	179.46	9,717.5	-9,281.2	-751.9	9,311.2	0.00	0.00	0.00
19,100.0	90.09	179.46	9,717.3	-9,381.2	-750.9	9,410.9	0.00	0.00	0.00
19,200.0	90.09	179.46	9,717.2	-9,481.2	-750.0	9,510.6	0.00	0.00	0.00
19,300.0	90.09	179.46	9,717.0	-9,581.2	-749.0	9,610.2	0.00	0.00	0.00
19,400.0	90.09	179.46	9,716.9	-9,681.2	-748.1	9,709.9	0.00	0.00	0.00
19,500.0	90.09	179.46	9,716.7	-9,781.1	-747.1	9,809.6	0.00	0.00	0.00
19,600.0	90.09	179.46	9,716.6	-9,881.1	-746.2	9,909.2	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Mad Dog 26/35 B1DM State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3441.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3441.0usft (Original Well Elev)
Site:	Mad Dog 26/35 B1DM State Com #1H	North Reference:	Grid
Well:	Sec 26, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FSL & 400' FWL (Sec 35)		
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	90.09	179.46	9,716.4	-9,981.1	-745.3	10,008.9	0.00	0.00	0.00
19,800.0	90.09	179.46	9,716.3	-10,081.1	-744.3	10,108.6	0.00	0.00	0.00
19,900.0	90.09	179.46	9,716.1	-10,181.1	-743.4	10,208.2	0.00	0.00	0.00
19,979.9	90.09	179.46	9,716.0	-10,261.0	-742.6	10,287.8	0.00	0.00	0.00
BHL: 100' FSL & 400' FWL (Sec 35)									

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: 205' FNL & 1240' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	467,562.10	815,749.30	32.2822803	-103.4453840
KOP: 10' FNL & 400' FW - plan hits target center - Point	0.00	0.00	9,158.0	187.6	-841.6	467,749.69	814,907.68	32.2828150	-103.4481021
FTP: 100' FNL & 400' Fv - plan hits target center - Point	0.00	0.00	9,466.3	97.6	-840.8	467,659.70	814,908.54	32.2825677	-103.4481017
BHL: 100' FSL & 400' Fv - plan hits target center - Point	0.00	0.00	9,716.0	-10,261.0	-742.6	457,301.10	815,006.70	32.2540942	-103.4480606
LP: 583' FNL & 400' FW - plan hits target center - Point	0.00	0.00	9,731.0	-385.0	-836.2	467,177.10	814,913.11	32.2812411	-103.4480998



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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 143263

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 143263
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/14/2022