Submit 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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-54856

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: North Wilson Deep Unit

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

8. Well Number 18H

2. Name of Operator: Mewbourne Oil Company

9. OGRID Number 14744

3. Address of Operator: 4801 Business Park Blvd, Hobbs, NM 88240

10. Pool name or Wildcat: WILSON; BONE SPRING, NORTH

4. Well Location
Unit Letter M : 255 feet from the SOUTH line and 1300 feet from the WEST line
Section 16 Township 21S Range 35E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3641' GLE

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

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

MOC requests to make the following changes to the North Wilson Deep Unit #18H:

- Change name from the North Wilson Deep Unit #18H to North Wilson Deep Unit #18Y.
- MOC requests to skid the North Wilson Deep #18H from 255' FSL & 1300' FWL to 241' FSL & 1358' FWL.
-Reason for SKID is loss of BHA in hole at 910' & could not recover fish. Refer to P&A sundry on OCD imaging for further details.

Attached is a C-102 reflecting the name change, a C-102 reflecting the skid, new directional plan, updated NGMP, csg/cmt plan.

Spud Date: 1/19/2026 Rig Release Date: 2/14/2026

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

SIGNATURE Alex Garza TITLE Petroleum Engineer DATE 1/2/2026

Type or print name Alex Garza E-mail address: alex.garza@mewbourne.com PHONE: 580-727-5116

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☑ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-025-55720	Pool Code ~~97044~~	Pool Name WILSON; BONE SPRING, NORTH
Property Code 325675	Property Name NORTH WILSON DEEP UNIT	Well Number 18H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3642'
Surface Owner: ☐ State ☑ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☑ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	16	21S	35E		241 FSL	1358 FWL	32.4724269°N	103.3767169°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	21S	35E		100 FSL	1300 FWL	32.4284875°N	103.3769080°W	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
960	DEFINING		N	U
Order Numbers. N/A			Well setbacks are under Common Ownership: ☑ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	21S	35E		473 FSL	1300 FWL	32.4730660°N	103.3769056°W	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	21S	35E		100 FNL	1300 FWL	32.4714913°N	103.3769057°W	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	21S	35E		100 FSL	1300 FWL	32.4284875°N	103.3769080°W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☑ Horizontal ☐ Vertical	Ground Floor Elevation: 3642'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and , if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Alex Garza — Signature — 10/29/2025 — Date

Alex Garza — Printed Name

alex.garza@mewbourne.com — Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.

ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Robert M. Howett

Certificate Number	Date of Survey
19680	04/17/2025

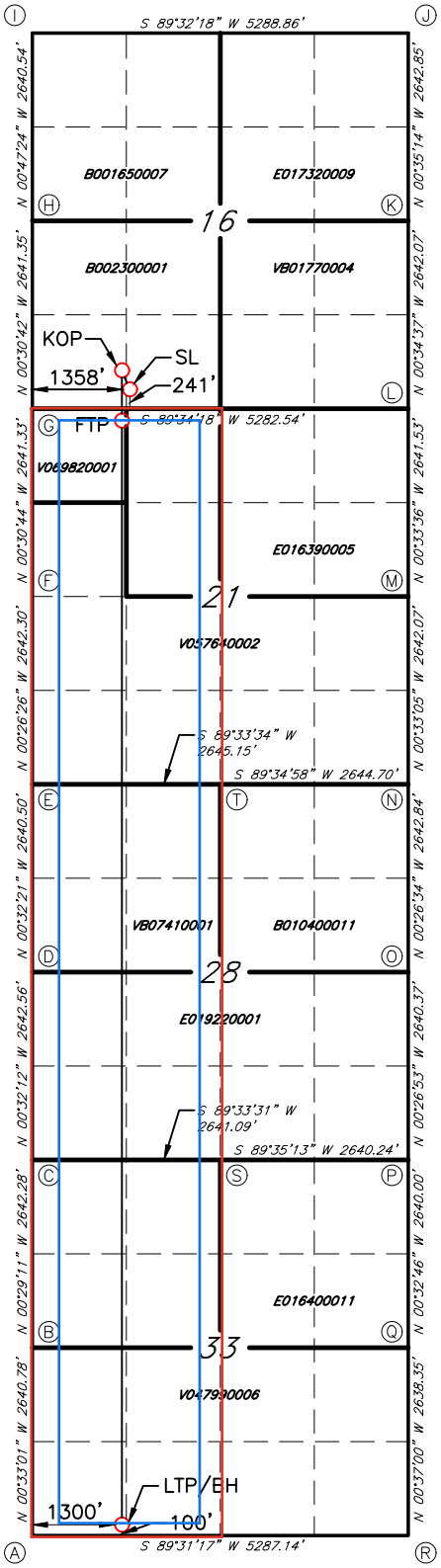
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

NORTH WILSON DEEP UNIT #18H



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (SL)
241' FSL – 1358' FWL SEC.16
N: 536922.1 – E: 836352.5

LAT: 32.4724269° N
LONG: 103.3767169° W

KICK OFF POINT (KOP)
473' FSL – 1300' FWL SEC.16
N: 537154.1 – E: 836292.2

LAT: 32.4730660° N
LONG: 103.3769056° W

FIRST TAKE POINT (FTP)
100' FNL – 1300' FWL SEC.21
N: 536581.2 – E: 836297.3

LAT: 32.4714913° N
LONG: 103.3769057° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)
100' FSL – 1300' FWL SEC.33
N: 520935.7 – E: 836436.7

LAT: 32.4284875° N
LONG: 103.3769080° W

CORNER DATA
NAD 83 GRID – NM EAST

A: CALCULATED CORNER
N: 520824.9 – E: 835137.9

B: FOUND 1/2" REBAR
N: 523465.1 – E: 835112.6

C: FOUND 6"X4"X4"
LIMESTONE ROCK
N: 526106.9 – E: 835090.2

D: FOUND 1/2" REBAR
N: 528748.9 – E: 835065.4

E: FOUND 1/2" REBAR
N: 531388.9 – E: 835040.6

F: FOUND 12"X4"X4"
LIMESTONE ROCK
N: 534030.7 – E: 835020.3

G: FOUND 3/4" REBAR
N: 536671.5 – E: 834996.6

H: FOUND LIMESTONE ROCK
N: 539312.3 – E: 834973.1

I: FOUND LIMESTONE ROCK
N: 541952.2 – E: 834936.7

J: FOUND 10"X3"X6"
LIMESTONE ROCK
N: 541994.8 – E: 840224.5

K: FOUND 10"X4"X4"
LIMESTONE ROCK
N: 539352.5 – E: 840251.6

L: FOUND 12"X6"X4"
LIMESTONE ROCK
N: 536711.0 – E: 840278.2

M: FOUND 12"X4"X4"
LIMESTONE ROCK
N: 534070.0 – E: 840304.0

N: FOUND NAIL
N: 531428.5 – E: 840329.4

O: FOUND 6"X6"X4"
LIMESTONE ROCK
N: 528786.1 – E: 840349.8

P: FOUND 3/4" REBAR
N: 526146.3 – E: 840370.5

Q: FOUND 6"X4"X4"
LIMESTONE ROCK
N: 523506.8 – E: 840395.6

R: FOUND 1/2" REBAR
N: 520869.0 – E: 840424.0

S: FOUND 12"X6"X6"
LIMESTONE ROCK
N: 526127.2 – E: 837730.7

T: FOUND BRASS CAP 6"X4"X4"
LIMESTONE ROCK
N: 531409.2 – E: 837685.2

JOB #: LS25040336R3

Mewbourne Oil Company

North Wilson Deep Unit 18H

SHL: 241' FSL & 1358' FWL (Sec 16)

BHL: 100' FSL & 1300' FWL (Sec 33)

Casing Type	Fluid Type	Hole Size (in)	Casing Description	Top MD	Setting Depth	Sacks Cement	Top of Cement
Surface	Fresh Water	17.5	13.375" 54.5# J55 STC	0	1950	1360	0'
Intermediate	Brine	12.25	9.625" 36# J55 LTC	0'	3385	1070	0'
Intermediate		12.25	9.625" 40# J55 LTC	3385'	4307		
Intermediate		12.25	9.625" 40# L80 LTC	4307'	5178		
Intermediate		12.25	9.625" 40# HCL80 LTC	5178'	5500		
Production	Cut-Brine	8.75	7" 26# HCP110 LTC	0'	9918	5450	4110'
Production	OBM	8.5	5.5" 20# HPP110 Talon	9918	26467		

Formation	Est. Top (TVD)	Formation	Est. Top (TVD)
Rustler	1870	Delaware (Lamar)	
Castile		Bell Canyon	
Salt Top	2000	Cherry Canyon	5580
Marker Bed 126		Manzanita Marker	
Salt Base	3550	Basal Brushy Canyon	7610
Yates	3770	Bone Spring	7870
Seven Rivers		1st Bone Spring Carbonate	8140
Queen		1st Bone Spring Sand	8950
Capitan	4160	2nd Bone Spring Carbonate	9290
Grayburg		2nd Bone Spring Sand	9580
San Andres		3rd Bone Spring Carbonate	9980
Glorietta		3rd Bone Spring Sand	**10400**
Yeso		Wolfcamp	10520

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☑ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-025-54856	97704	WILSON; BONE SPRING, NORTH	
Property Code 325675	Property Name NORTH WILSON DEEP UNIT		Well Number 18Y
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY		Ground Level Elevation 3641'
Surface Owner: ☐ State ☑ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☑ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	21S	35E		255 FSL	1300 FWL	32.4724674°N	103.3769055°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	21S	35E		100 FSL	1300 FWL	32.4284875°N	103.3769080°W	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
960	DEFINING		N	U
Order Numbers. N/A			Well setbacks are under Common Ownership: ☑ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	21S	35E		473 FSL	1300 FWL	32.4730660°N	103.3769056°W	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	21S	35E		100 FNL	1300 FWL	32.4714913°N	103.3769057°W	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	21S	35E		100 FSL	1300 FWL	32.4284875°N	103.3769080°W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☑ Horizontal ☐ Vertical	Ground Floor Elevation:
N/A		3641'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and , if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Brett Miller 05/29/2025

Signature Date

Brett Miller

Printed Name

brett.miller@mewbourne.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.

ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Robert M. Howett

Certificate Number	Date of Survey
19680	04/17/2025

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

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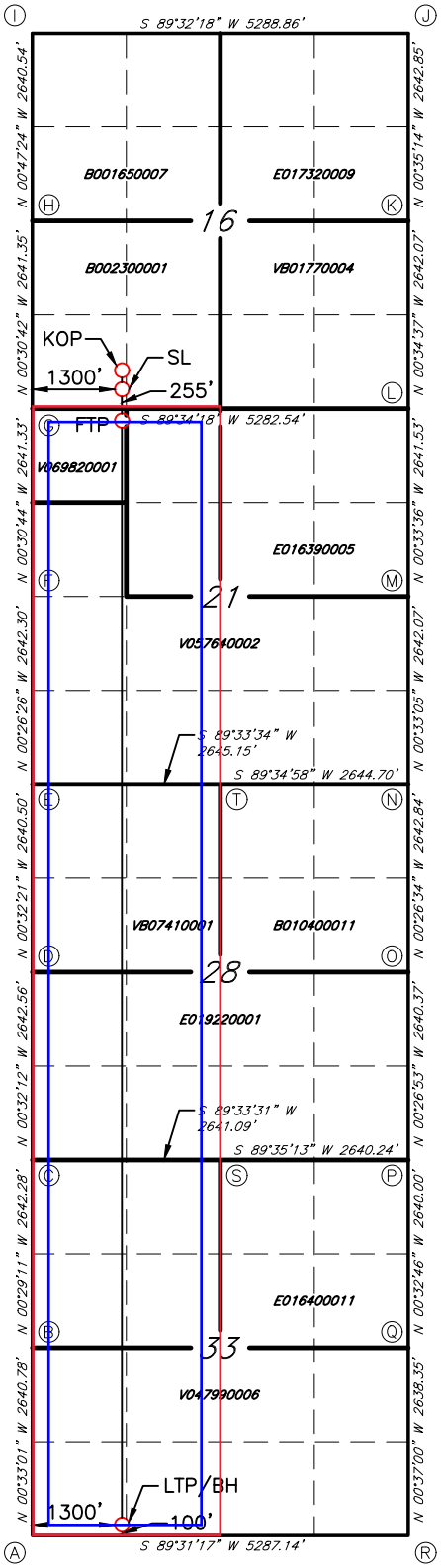
NORTH WILSON DEEP UNIT #18Y



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (SL)
255' FSL – 1300' FWL SEC.16
N: 536936.3 – E: 836294.2

LAT: 32.4724674° N
LONG: 103.3769055° W

KICK OFF POINT (KOP)
473' FSL – 1300' FWL SEC.16
N: 537154.1 – E: 836292.2

LAT: 32.4730660° N
LONG: 103.3769056° W

FIRST TAKE POINT (FTP)
100' FNL – 1300' FWL SEC.21
N: 536581.2 – E: 836297.3

LAT: 32.4714913° N
LONG: 103.3769057° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)
100' FSL – 1300' FWL SEC.33
N: 520935.7 – E: 836436.7

LAT: 32.4284875° N
LONG: 103.3769080° W

CORNER DATA
NAD 83 GRID – NM EAST

A: CALCULATED CORNER
N: 520824.9 – E: 835137.9

B: FOUND 1/2" REBAR
N: 523465.1 – E: 835112.6

C: FOUND 6"X4"X4" LIMESTONE ROCK
N: 526106.9 – E: 835090.2

D: FOUND 1/2" REBAR
N: 528748.9 – E: 835065.4

E: FOUND 1/2" REBAR
N: 531388.9 – E: 835040.6

F: FOUND 12"X4"X4" LIMESTONE ROCK
N: 534030.7 – E: 835020.3

G: FOUND 3/4" REBAR
N: 536671.5 – E: 834996.6

H: FOUND LIMESTONE ROCK
N: 539312.3 – E: 834973.1

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K: FOUND 10"X4"X4" LIMESTONE ROCK
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N: 534070.0 – E: 840304.0

N: FOUND NAIL
N: 531428.5 – E: 840329.4

O: FOUND 6"X6"X4" LIMESTONE ROCK
N: 528786.1 – E: 840349.8

P: FOUND 3/4" REBAR
N: 526146.3 – E: 840370.5

Q: FOUND 6"X4"X4" LIMESTONE ROCK
N: 523506.8 – E: 840395.6

R: FOUND 1/2" REBAR
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S: FOUND 12"X6"X6" LIMESTONE ROCK
N: 526127.2 – E: 837730.7

T: FOUND BRASS CAP 6"X4"X4" LIMESTONE ROCK
N: 531409.2 – E: 837685.2

JOB #: LS25040336D1

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: Mewbourne Oil Co. **OGRID:** 14744 **Date:** 1/2/2026

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
NORTH WILSON DEEP UNIT 18H		M 16 21S 35E	241' FSL x 1358' FWL	1500	2500	2000
				Y1-400 Y2-300 Y3-200	Y1-700 Y2-500 Y3-350	Y1-500 Y2-400 Y3-250

IV. Central Delivery Point Name: NORTH WILSON DEEP UNIT 18H [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
NORTH WILSON DEEP UNIT 18H		1/19/26	2/14/26	3/14/25	3/18/26	3/23/26

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Bradley Bishop
Printed Name:	BRADLEY BISHOP
Title:	REGULATORY MANAGER
E-mail Address:	BBISHOP@MEWBOURNE.COM
Date:	6/3/25
Phone:	575-393-5905

OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

Mewbourne Oil Company

Natural Gas Management Plan – Attachment

VI. Separation equipment will be sized by construction engineering staff based on stated manufacturer daily throughput capacities and anticipated daily production rates to ensure adequate capacity. Closed vent system piping, compression needs, and VRUs will be sized utilizing ProMax modelling software to ensure adequate capacity for anticipated production volumes and conditions.

VII. Mewbourne Oil Company (MOC) will take following actions to comply with the regulations listed in 19.15.27.8 :

A. MOC will maximize the recovery of natural gas by minimizing the waste, as defined by 19.15.2 NMAC, of natural gas through venting and flaring. MOC will ensure that well(s) will be connected to a natural gas gathering system with sufficient capacity to transport natural gas. If there is no adequate takeaway for the gas, well(s) will be shut in until the natural gas gathering system is available.

B. All drilling operations will be equipped with a rig flare located at least 100 ft from the nearest surface hole. Rig flare will be utilized to combust any natural gas that is brought to surface during normal drilling operations. In the case of emergency venting or flaring the volumes will be estimated and reported appropriately.

C. During completion operations any natural gas brought to surface will be flared. Immediately following the finish of completion operations, all well flow will be directed to permanent separation equipment. Produced natural gas from separation equipment will be sent to sales. It is not anticipated that gas will not meet pipeline standards. However, if natural gas does not meet gathering pipeline quality specifications, MOC will flare the natural gas for 60 days or until the natural gas meets the pipeline quality specifications, whichever is sooner. MOC will ensure that the flare is sized properly and is equipped with automatic igniter or continuous pilot. The gas sample will analyzed twice per week and the gas will be routed into a gathering system as soon as pipeline specifications are met.

D. Natural gas will not be flared with the exceptions and provisions listed in the 19.15.27.8 D.(1) through (4). If there is no adequate takeaway for the separator gas, well(s) will be shut in until the natural gas gathering system is available with exception of emergency or malfunction situations. Venting and/or flaring volumes will be estimated and reported appropriately.

E. MOC will comply with the performance standards requirements and provisions listed in 19.15.27.8 E.(1) through (8). All equipment will be designed and sized to handle maximum anticipated pressures and throughputs in order to minimize the waste. Production storage tanks constructed after May 25, 2021 will be equipped with automatic gauging system. Flares constructed after May 25, 2021 will be equipped with automatic igniter or continuous pilot. Flares will be located at least 100' from the well and storage tanks unless otherwise approved by the division. MOC will conduct AVO inspections as described in 19.15.27.8 E (5) (a) with frequencies specified in 19.15.27.8 E (5) (b) and (c). All emergencies will be resolved as quickly and safely as feasible to minimize waste.

F. The volume of natural gas that is vented or flared as the result of malfunction or emergency during drilling and completions operations will be estimated. The volume of natural gas that is vented, flared or beneficially used during production operations, will be measured or estimated. MOC will install equipment to measure

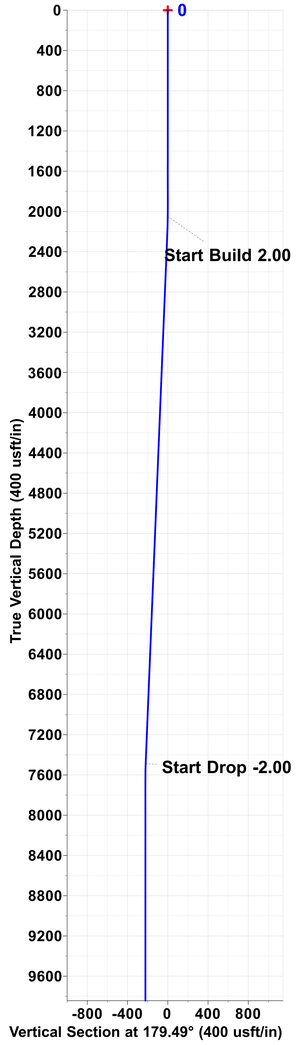
the volume of natural gas flared from existing process piping or a flowline piped from equipment such as high pressure separators, heater treaters, or vapor recovery units associated with a well or facility associated with a well authorized by an APD issued after May 25, 2021 that has an average daily production greater than 60 Mcf/day. If metering is not practicable due to circumstances such as low flow rate or low pressureventing and flaring, MOC will estimate the volume of vented or flared natural gas. Measuring equipment will conform to industry standards and will not be designed or equipped with a manifold that allows thediversion of natural gas around the metering element except for the sole purpose of inspecting and servicing the measurement equipment.

VIII. For maintenance activities involving production equipment and compression, venting will be limited to the depressurization of the subject equipment to ensure safe working conditions. For maintenance of production and compression equipment the associated producing wells will be shut in to eliminate venting. For maintenance of VRUs all gas normally routed to the VRU will be routed to flare to eliminate venting.

MEWBOURNE OIL COMPANY

Company: MEWBOURNE OIL COMPANY
Project: LEA CO., NM (NAD83)
Site: NORTH WILSON DEEP UNIT
Well: NORTH WILSON DEEP UNIT 18H
Wellbore: OH
Rig: PATT 558
Design: PLAN 2 / 9:56, October 27 2025

TRUE Directional Services, LLC



WELL DETAILS: NORTH WILSON DEEP UNIT 18H

RKB = 28' @ 3669.00usft (PATT 558)
GROUND LEVEL: 3641.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	536921.62	836353.43	32.4724255	-103.3767138

PROJECT DETAILS: LEA CO., NM (NAD83)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1870.00	1870.00	Rustler
2000.00	2000.00	Salt Top
3550.00	3551.27	Salt Base
3630.00	3631.34	Tansill
3770.00	3771.46	Yates
4160.00	4161.81	Capitan Reef
5580.00	5583.08	Cherry Canyon
7610.00	7614.82	Basal Brushy Canyon
7870.00	7874.82	Bone Spring
8140.00	8144.82	Avalon
8950.00	8954.82	1st Sand
9290.00	9294.82	2nd Carbonate
9580.00	9584.82	2nd Sand
9980.00	9984.95	3rd Carbonate
10400.00	10497.13	3rd Sand
10520.00	12427.04	Wolfcamp

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2050.00	0.00	0.00	2050.00	0.00	0.00	0.00	0.00	
3	2170.97	2.42	344.57	2170.94	2.46	-0.68	2.00	-2.47	
4	7493.84	2.42	344.57	7489.06	219.07	-60.46	0.00	-219.60	
5	7614.82	0.00	179.49	7610.00	221.53	-61.14	2.00	-222.07	
6	9920.96	0.00	179.49	9916.15	221.53	-61.14	0.00	-222.07	
7	10809.98	88.90	179.49	10489.00	-340.42	-56.13	10.00	339.91	18H FTP/LP: 100' FNL - 1300' FWL
8	26458.98	88.90	179.49	10789.00	-15985.92	83.27	0.00	15986.03	18H LTP/BHL: 100' FSL - 1300' FWL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
18H SHL: 240' FSL - 1359' FWL	0.00	0.00	0.00	536921.62	836353.43	32.4724255	-103.3767138
18H FTP/LP: 100' FNL - 1300' FWL	10489.00	-340.42	-56.13	536581.20	836297.30	32.4714913	-103.3769057
18H LTP/BHL: 100' FSL - 1300' FWL	10789.00	-15985.92	83.27	520935.70	836436.70	32.4284874	-103.3769081

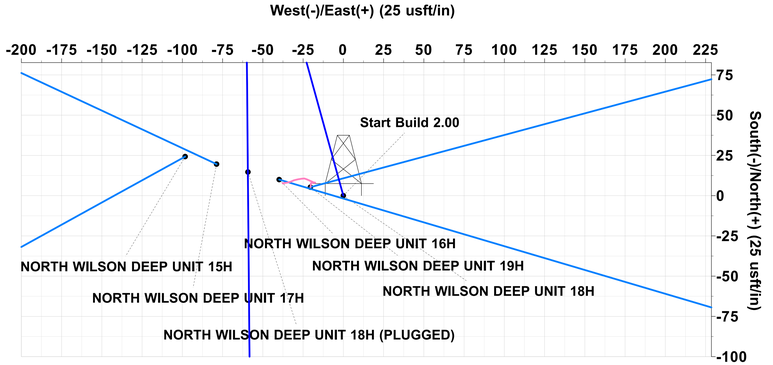
Azimuths to Grid North
True North: -0.51°
Magnetic North: 5.64°

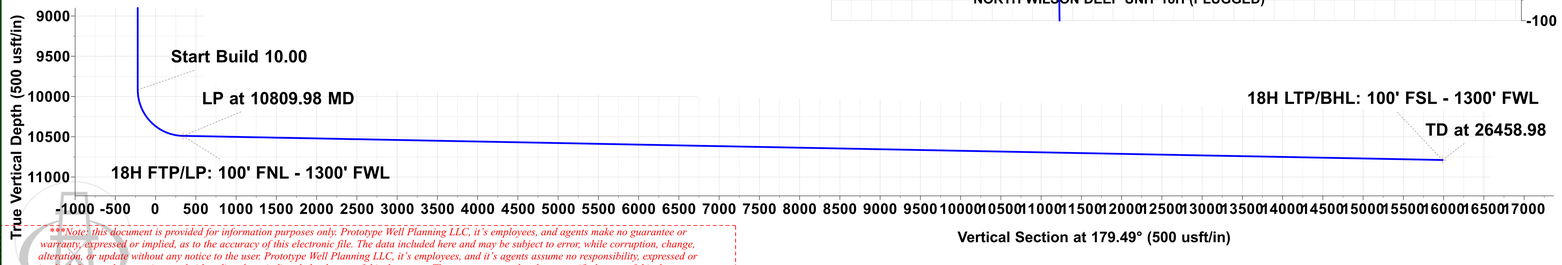
Magnetic Field
Strength: 47148.4nT
Dip Angle: 60.00°
Date: 10/15/2025
Model: IGRF2025

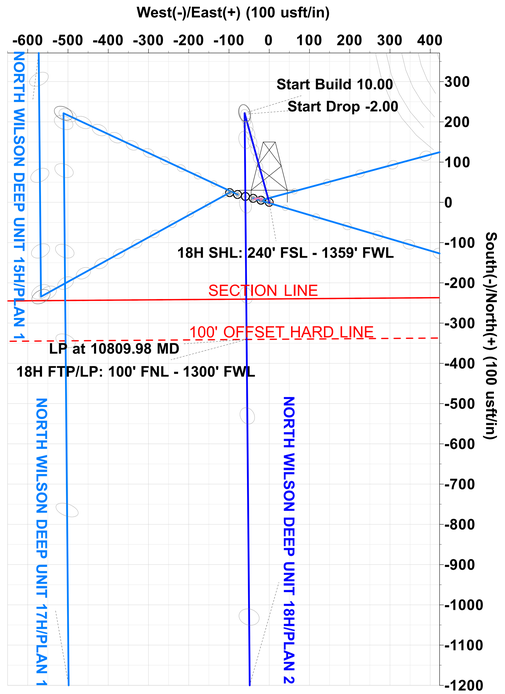
MAGNETIC CORRECTION DATA:

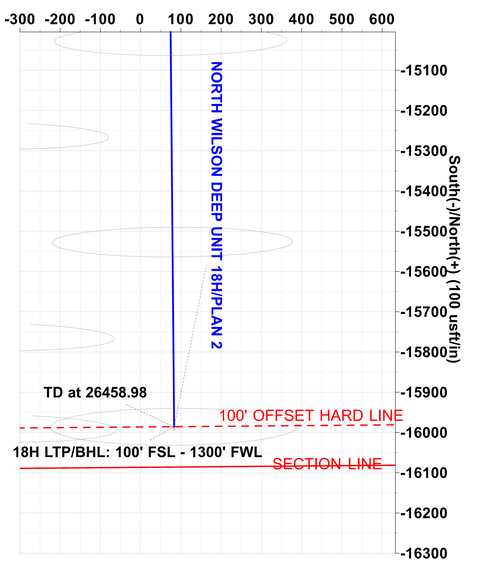
MAGNETIC NORTH IS 5.64° EAST OF GRID NORTH (MAGNETIC CONVERGENCE)
TO CONVERT A MAGNETIC DIRECTION TO A GRID DIRECTION, ADD 5.64°
TO CONVERT A TRUE DIRECTION TO A GRID DIRECTION, SUBTRACT 0.51°

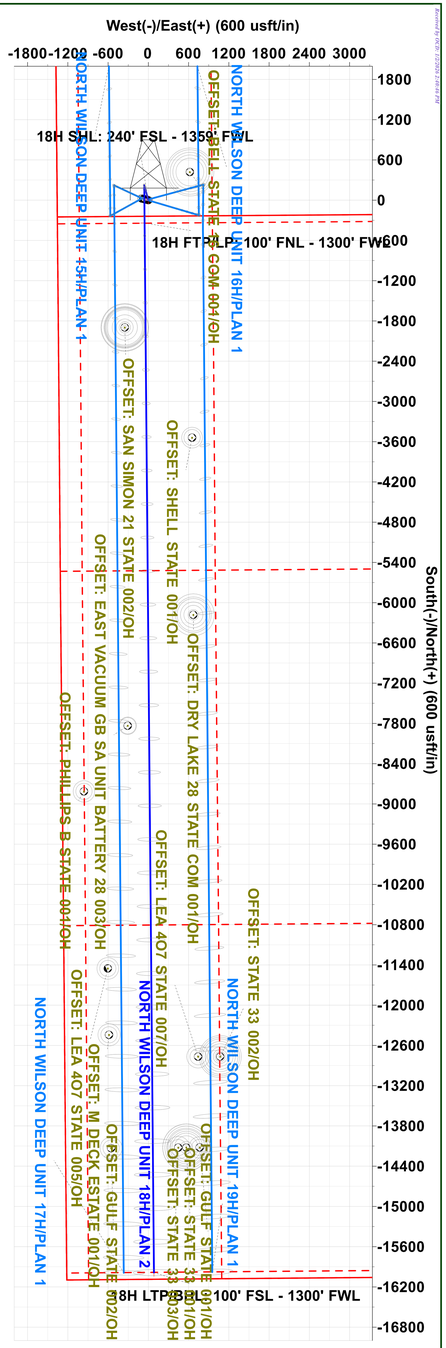
MAGNETIC DECLINATION: 6.15°











Plan: PLAN 2 (NORTH WILSON DEEP UNIT 18H/OH) PATT 558

Created By: MATTHEW MAY Date: 9:56, October 27 2025

MEWBOURNE
OIL COMPANY

MEWBOURNE OIL COMPANY

LEA CO., NM (NAD83)
NORTH WILSON DEEP UNIT
NORTH WILSON DEEP UNIT 18H

OH

Plan: PLAN 2

Standard Planning Report

27 October, 2025

PROTOTYPE
WELL PLANNING
WELL PLANNED. WELL EXECUTED.

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

Project LEA CO., NM (NAD83)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Well NORTH WILSON DEEP UNIT 18H

Well Position	**+N/-S**	0.00 usft	**Northing:**	536,921.62 usft	**Latitude:**	32.4724255
	+E/-W	0.00 usft	**Easting:**	836,353.43 usft	**Longitude:**	-103.3767138
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,641.00 usft
Grid Convergence:		0.51 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2025	10/15/2025	6.15	60.00	47,148.41234797

Design PLAN 2

Audit Notes:

Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	179.49

Plan Survey Tool Program **Date** 10/27/2025

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	26,458.06	PLAN 2 (OH)	MWD+IGRF	
				OWSG MWD + IGRF or WM	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,050.00	0.00	0.00	2,050.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,170.97	2.42	344.57	2,170.94	2.46	-0.68	2.00	2.00	0.00	344.57	
7,493.84	2.42	344.57	7,489.06	219.07	-60.46	0.00	0.00	0.00	0.00	
7,614.82	0.00	179.49	7,610.00	221.53	-61.14	2.00	-2.00	0.00	180.00	
9,920.96	0.00	179.49	9,916.15	221.53	-61.14	0.00	0.00	0.00	0.00	
10,809.98	88.90	179.49	10,489.00	-340.42	-56.13	10.00	10.00	0.00	0.00	18H FTP/LP: 100' F
26,458.98	88.90	179.49	10,789.00	-15,985.92	83.27	0.00	0.00	0.00	0.00	18H LTP/BHL: 100'

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18H SHL: 240' FSL - 1359' FWL									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,870.00	0.00	0.00	1,870.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Salt Top									
2,050.00	0.00	0.00	2,050.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	1.00	344.57	2,100.00	0.42	-0.12	-0.42	2.00	2.00	0.00
2,170.97	2.42	344.57	2,170.94	2.46	-0.68	-2.47	2.00	2.00	0.00
2,200.00	2.42	344.57	2,199.94	3.64	-1.01	-3.65	0.00	0.00	0.00
2,300.00	2.42	344.57	2,299.85	7.71	-2.13	-7.73	0.00	0.00	0.00
2,400.00	2.42	344.57	2,399.76	11.78	-3.25	-11.81	0.00	0.00	0.00
2,500.00	2.42	344.57	2,499.67	15.85	-4.37	-15.89	0.00	0.00	0.00
2,600.00	2.42	344.57	2,599.58	19.92	-5.50	-19.97	0.00	0.00	0.00
2,700.00	2.42	344.57	2,699.49	23.99	-6.62	-24.05	0.00	0.00	0.00
2,800.00	2.42	344.57	2,799.40	28.06	-7.74	-28.13	0.00	0.00	0.00
2,900.00	2.42	344.57	2,899.31	32.13	-8.87	-32.21	0.00	0.00	0.00
3,000.00	2.42	344.57	2,999.23	36.20	-9.99	-36.29	0.00	0.00	0.00
3,100.00	2.42	344.57	3,099.14	40.27	-11.11	-40.36	0.00	0.00	0.00
3,200.00	2.42	344.57	3,199.05	44.34	-12.24	-44.44	0.00	0.00	0.00
3,300.00	2.42	344.57	3,298.96	48.41	-13.36	-48.52	0.00	0.00	0.00
3,400.00	2.42	344.57	3,398.87	52.48	-14.48	-52.60	0.00	0.00	0.00
3,500.00	2.42	344.57	3,498.78	56.54	-15.60	-56.68	0.00	0.00	0.00
3,551.27	2.42	344.57	3,550.00	58.63	-16.18	-58.77	0.00	0.00	0.00
Salt Base									
3,600.00	2.42	344.57	3,598.69	60.61	-16.73	-60.76	0.00	0.00	0.00
3,631.34	2.42	344.57	3,630.00	61.89	-17.08	-62.04	0.00	0.00	0.00
Tansill									
3,700.00	2.42	344.57	3,698.60	64.68	-17.85	-64.84	0.00	0.00	0.00
3,771.46	2.42	344.57	3,770.00	67.59	-18.65	-67.76	0.00	0.00	0.00
Yates									
3,800.00	2.42	344.57	3,798.51	68.75	-18.97	-68.92	0.00	0.00	0.00
3,900.00	2.42	344.57	3,898.42	72.82	-20.10	-73.00	0.00	0.00	0.00
4,000.00	2.42	344.57	3,998.33	76.89	-21.22	-77.08	0.00	0.00	0.00

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,100.00	2.42	344.57	4,098.24	80.96	-22.34	-81.16	0.00	0.00	0.00
4,161.81	2.42	344.57	4,160.00	83.48	-23.04	-83.68	0.00	0.00	0.00
Capitan Reef									
4,200.00	2.42	344.57	4,198.16	85.03	-23.47	-85.24	0.00	0.00	0.00
4,300.00	2.42	344.57	4,298.07	89.10	-24.59	-89.32	0.00	0.00	0.00
4,400.00	2.42	344.57	4,397.98	93.17	-25.71	-93.39	0.00	0.00	0.00
4,500.00	2.42	344.57	4,497.89	97.24	-26.84	-97.47	0.00	0.00	0.00
4,600.00	2.42	344.57	4,597.80	101.31	-27.96	-101.55	0.00	0.00	0.00
4,700.00	2.42	344.57	4,697.71	105.38	-29.08	-105.63	0.00	0.00	0.00
4,800.00	2.42	344.57	4,797.62	109.45	-30.20	-109.71	0.00	0.00	0.00
4,900.00	2.42	344.57	4,897.53	113.52	-31.33	-113.79	0.00	0.00	0.00
5,000.00	2.42	344.57	4,997.44	117.59	-32.45	-117.87	0.00	0.00	0.00
5,100.00	2.42	344.57	5,097.35	121.66	-33.57	-121.95	0.00	0.00	0.00
5,200.00	2.42	344.57	5,197.26	125.72	-34.70	-126.03	0.00	0.00	0.00
5,300.00	2.42	344.57	5,297.17	129.79	-35.82	-130.11	0.00	0.00	0.00
5,400.00	2.42	344.57	5,397.09	133.86	-36.94	-134.19	0.00	0.00	0.00
5,500.00	2.42	344.57	5,497.00	137.93	-38.07	-138.27	0.00	0.00	0.00
5,583.08	2.42	344.57	5,580.00	141.31	-39.00	-141.65	0.00	0.00	0.00
Cherry Canyon									
5,600.00	2.42	344.57	5,596.91	142.00	-39.19	-142.35	0.00	0.00	0.00
5,700.00	2.42	344.57	5,696.82	146.07	-40.31	-146.42	0.00	0.00	0.00
5,800.00	2.42	344.57	5,796.73	150.14	-41.43	-150.50	0.00	0.00	0.00
5,900.00	2.42	344.57	5,896.64	154.21	-42.56	-154.58	0.00	0.00	0.00
6,000.00	2.42	344.57	5,996.55	158.28	-43.68	-158.66	0.00	0.00	0.00
6,100.00	2.42	344.57	6,096.46	162.35	-44.80	-162.74	0.00	0.00	0.00
6,200.00	2.42	344.57	6,196.37	166.42	-45.93	-166.82	0.00	0.00	0.00
6,300.00	2.42	344.57	6,296.28	170.49	-47.05	-170.90	0.00	0.00	0.00
6,400.00	2.42	344.57	6,396.19	174.56	-48.17	-174.98	0.00	0.00	0.00
6,500.00	2.42	344.57	6,496.11	178.63	-49.30	-179.06	0.00	0.00	0.00
6,600.00	2.42	344.57	6,596.02	182.70	-50.42	-183.14	0.00	0.00	0.00
6,700.00	2.42	344.57	6,695.93	186.77	-51.54	-187.22	0.00	0.00	0.00
6,800.00	2.42	344.57	6,795.84	190.83	-52.67	-191.30	0.00	0.00	0.00
6,900.00	2.42	344.57	6,895.75	194.90	-53.79	-195.38	0.00	0.00	0.00
7,000.00	2.42	344.57	6,995.66	198.97	-54.91	-199.45	0.00	0.00	0.00
7,100.00	2.42	344.57	7,095.57	203.04	-56.03	-203.53	0.00	0.00	0.00
7,200.00	2.42	344.57	7,195.48	207.11	-57.16	-207.61	0.00	0.00	0.00
7,300.00	2.42	344.57	7,295.39	211.18	-58.28	-211.69	0.00	0.00	0.00
7,400.00	2.42	344.57	7,395.30	215.25	-59.40	-215.77	0.00	0.00	0.00
7,493.84	2.42	344.57	7,489.06	219.07	-60.46	-219.60	0.00	0.00	0.00
7,500.00	2.30	344.57	7,495.21	219.31	-60.52	-219.84	2.00	-2.00	0.00
7,600.00	0.30	344.57	7,595.18	221.49	-61.13	-222.03	2.00	-2.00	0.00
7,614.82	0.00	179.49	7,610.00	221.53	-61.14	-222.07	2.00	-2.00	0.00
Basal Brushy Canyon									
7,700.00	0.00	0.00	7,695.18	221.53	-61.14	-222.07	0.00	0.00	0.00
7,800.00	0.00	0.00	7,795.18	221.53	-61.14	-222.07	0.00	0.00	0.00
7,874.82	0.00	0.00	7,870.00	221.53	-61.14	-222.07	0.00	0.00	0.00
Bone Spring									
7,900.00	0.00	0.00	7,895.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,000.00	0.00	0.00	7,995.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,100.00	0.00	0.00	8,095.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,144.82	0.00	0.00	8,140.00	221.53	-61.14	-222.07	0.00	0.00	0.00
Avalon									
8,200.00	0.00	0.00	8,195.18	221.53	-61.14	-222.07	0.00	0.00	0.00

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,300.00	0.00	0.00	8,295.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,400.00	0.00	0.00	8,395.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,500.00	0.00	0.00	8,495.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,600.00	0.00	0.00	8,595.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,700.00	0.00	0.00	8,695.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,800.00	0.00	0.00	8,795.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,900.00	0.00	0.00	8,895.18	221.53	-61.14	-222.07	0.00	0.00	0.00
8,954.82	0.00	0.00	8,950.00	221.53	-61.14	-222.07	0.00	0.00	0.00
1st Sand									
9,000.00	0.00	0.00	8,995.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,100.00	0.00	0.00	9,095.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,200.00	0.00	0.00	9,195.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,294.82	0.00	0.00	9,290.00	221.53	-61.14	-222.07	0.00	0.00	0.00
2nd Carbonate									
9,300.00	0.00	0.00	9,295.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,400.00	0.00	0.00	9,395.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,500.00	0.00	0.00	9,495.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,584.82	0.00	0.00	9,580.00	221.53	-61.14	-222.07	0.00	0.00	0.00
2nd Sand									
9,600.00	0.00	0.00	9,595.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,700.00	0.00	0.00	9,695.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,800.00	0.00	0.00	9,795.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,900.00	0.00	0.00	9,895.18	221.53	-61.14	-222.07	0.00	0.00	0.00
9,920.96	0.00	179.49	9,916.15	221.53	-61.14	-222.07	0.00	0.00	0.00
9,950.00	2.90	179.49	9,945.17	220.80	-61.13	-221.33	10.00	10.00	0.00
9,984.95	6.40	179.49	9,980.00	217.96	-61.11	-218.50	10.00	10.00	0.00
3rd Carbonate									
10,000.00	7.90	179.49	9,994.93	216.09	-61.09	-216.62	10.00	10.00	0.00
10,050.00	12.90	179.49	10,044.10	207.06	-61.01	-207.60	10.00	10.00	0.00
10,100.00	17.90	179.49	10,092.28	193.79	-60.89	-194.32	10.00	10.00	0.00
10,150.00	22.90	179.49	10,139.13	176.36	-60.73	-176.90	10.00	10.00	0.00
10,200.00	27.90	179.49	10,184.28	154.92	-60.54	-155.45	10.00	10.00	0.00
10,250.00	32.90	179.49	10,227.39	129.62	-60.32	-130.16	10.00	10.00	0.00
10,300.00	37.90	179.49	10,268.14	100.67	-60.06	-101.20	10.00	10.00	0.00
10,350.00	42.90	179.49	10,306.20	68.27	-59.77	-68.80	10.00	10.00	0.00
10,400.00	47.90	179.49	10,341.29	32.68	-59.45	-33.21	10.00	10.00	0.00
10,450.00	52.90	179.49	10,373.15	-5.83	-59.11	5.31	10.00	10.00	0.00
10,497.13	57.62	179.49	10,400.00	-44.55	-58.77	44.02	10.00	10.00	0.00
3rd Sand									
10,500.00	57.90	179.49	10,401.53	-46.98	-58.74	46.45	10.00	10.00	0.00
10,550.00	62.90	179.49	10,426.22	-90.44	-58.36	89.91	10.00	10.00	0.00
10,600.00	67.90	179.49	10,447.02	-135.88	-57.95	135.36	10.00	10.00	0.00
10,650.00	72.90	179.49	10,463.79	-182.97	-57.53	182.45	10.00	10.00	0.00
10,700.00	77.90	179.49	10,476.38	-231.34	-57.10	230.82	10.00	10.00	0.00
10,750.00	82.90	179.49	10,484.72	-280.62	-56.66	280.11	10.00	10.00	0.00
10,800.00	87.90	179.49	10,488.72	-330.44	-56.22	329.93	10.00	10.00	0.00
10,809.98	88.90	179.49	10,489.00	-340.42	-56.13	339.91	10.00	10.00	0.00
18H FTP/LP: 100' FNL - 1300' FWL									
10,900.00	88.90	179.49	10,490.73	-430.42	-55.33	429.91	0.00	0.00	0.00
11,000.00	88.90	179.49	10,492.64	-530.40	-54.44	529.89	0.00	0.00	0.00
11,100.00	88.90	179.49	10,494.56	-630.38	-53.55	629.87	0.00	0.00	0.00
11,200.00	88.90	179.49	10,496.48	-730.35	-52.66	729.86	0.00	0.00	0.00
11,300.00	88.90	179.49	10,498.39	-830.33	-51.76	829.84	0.00	0.00	0.00

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,400.00	88.90	179.49	10,500.31	-930.31	-50.87	929.82	0.00	0.00	0.00
11,500.00	88.90	179.49	10,502.23	-1,030.29	-49.98	1,029.80	0.00	0.00	0.00
11,600.00	88.90	179.49	10,504.15	-1,130.26	-49.09	1,129.78	0.00	0.00	0.00
11,700.00	88.90	179.49	10,506.06	-1,230.24	-48.20	1,229.76	0.00	0.00	0.00
11,800.00	88.90	179.49	10,507.98	-1,330.22	-47.31	1,329.75	0.00	0.00	0.00
11,900.00	88.90	179.49	10,509.90	-1,430.20	-46.42	1,429.73	0.00	0.00	0.00
12,000.00	88.90	179.49	10,511.81	-1,530.17	-45.53	1,529.71	0.00	0.00	0.00
12,100.00	88.90	179.49	10,513.73	-1,630.15	-44.64	1,629.69	0.00	0.00	0.00
12,200.00	88.90	179.49	10,515.65	-1,730.13	-43.75	1,729.67	0.00	0.00	0.00
12,300.00	88.90	179.49	10,517.56	-1,830.11	-42.86	1,829.65	0.00	0.00	0.00
12,400.00	88.90	179.49	10,519.48	-1,930.08	-41.97	1,929.63	0.00	0.00	0.00
12,427.04	88.90	179.49	10,520.00	-1,957.12	-41.73	1,956.67	0.00	0.00	0.00
Wolfcamp									
12,500.00	88.90	179.49	10,521.40	-2,030.06	-41.08	2,029.62	0.00	0.00	0.00
12,600.00	88.90	179.49	10,523.32	-2,130.04	-40.18	2,129.60	0.00	0.00	0.00
12,700.00	88.90	179.49	10,525.23	-2,230.02	-39.29	2,229.58	0.00	0.00	0.00
12,800.00	88.90	179.49	10,527.15	-2,330.00	-38.40	2,329.56	0.00	0.00	0.00
12,900.00	88.90	179.49	10,529.07	-2,429.97	-37.51	2,429.54	0.00	0.00	0.00
13,000.00	88.90	179.49	10,530.98	-2,529.95	-36.62	2,529.52	0.00	0.00	0.00
13,100.00	88.90	179.49	10,532.90	-2,629.93	-35.73	2,629.51	0.00	0.00	0.00
13,200.00	88.90	179.49	10,534.82	-2,729.91	-34.84	2,729.49	0.00	0.00	0.00
13,300.00	88.90	179.49	10,536.74	-2,829.88	-33.95	2,829.47	0.00	0.00	0.00
13,400.00	88.90	179.49	10,538.65	-2,929.86	-33.06	2,929.45	0.00	0.00	0.00
13,500.00	88.90	179.49	10,540.57	-3,029.84	-32.17	3,029.43	0.00	0.00	0.00
13,600.00	88.90	179.49	10,542.49	-3,129.82	-31.28	3,129.41	0.00	0.00	0.00
13,700.00	88.90	179.49	10,544.40	-3,229.79	-30.39	3,229.40	0.00	0.00	0.00
13,800.00	88.90	179.49	10,546.32	-3,329.77	-29.50	3,329.38	0.00	0.00	0.00
13,900.00	88.90	179.49	10,548.24	-3,429.75	-28.60	3,429.36	0.00	0.00	0.00
14,000.00	88.90	179.49	10,550.15	-3,529.73	-27.71	3,529.34	0.00	0.00	0.00
14,100.00	88.90	179.49	10,552.07	-3,629.70	-26.82	3,629.32	0.00	0.00	0.00
14,200.00	88.90	179.49	10,553.99	-3,729.68	-25.93	3,729.30	0.00	0.00	0.00
14,300.00	88.90	179.49	10,555.91	-3,829.66	-25.04	3,829.29	0.00	0.00	0.00
14,400.00	88.90	179.49	10,557.82	-3,929.64	-24.15	3,929.27	0.00	0.00	0.00
14,500.00	88.90	179.49	10,559.74	-4,029.62	-23.26	4,029.25	0.00	0.00	0.00
14,600.00	88.90	179.49	10,561.66	-4,129.59	-22.37	4,129.23	0.00	0.00	0.00
14,700.00	88.90	179.49	10,563.57	-4,229.57	-21.48	4,229.21	0.00	0.00	0.00
14,800.00	88.90	179.49	10,565.49	-4,329.55	-20.59	4,329.19	0.00	0.00	0.00
14,900.00	88.90	179.49	10,567.41	-4,429.53	-19.70	4,429.18	0.00	0.00	0.00
15,000.00	88.90	179.49	10,569.33	-4,529.50	-18.81	4,529.16	0.00	0.00	0.00
15,100.00	88.90	179.49	10,571.24	-4,629.48	-17.91	4,629.14	0.00	0.00	0.00
15,200.00	88.90	179.49	10,573.16	-4,729.46	-17.02	4,729.12	0.00	0.00	0.00
15,300.00	88.90	179.49	10,575.08	-4,829.44	-16.13	4,829.10	0.00	0.00	0.00
15,400.00	88.90	179.49	10,576.99	-4,929.41	-15.24	4,929.08	0.00	0.00	0.00
15,500.00	88.90	179.49	10,578.91	-5,029.39	-14.35	5,029.07	0.00	0.00	0.00
15,600.00	88.90	179.49	10,580.83	-5,129.37	-13.46	5,129.05	0.00	0.00	0.00
15,700.00	88.90	179.49	10,582.74	-5,229.35	-12.57	5,229.03	0.00	0.00	0.00
15,800.00	88.90	179.49	10,584.66	-5,329.33	-11.68	5,329.01	0.00	0.00	0.00
15,900.00	88.90	179.49	10,586.58	-5,429.30	-10.79	5,428.99	0.00	0.00	0.00
16,000.00	88.90	179.49	10,588.50	-5,529.28	-9.90	5,528.97	0.00	0.00	0.00
16,100.00	88.90	179.49	10,590.41	-5,629.26	-9.01	5,628.95	0.00	0.00	0.00
16,200.00	88.90	179.49	10,592.33	-5,729.24	-8.12	5,728.94	0.00	0.00	0.00
16,300.00	88.90	179.49	10,594.25	-5,829.21	-7.23	5,828.92	0.00	0.00	0.00
16,400.00	88.90	179.49	10,596.16	-5,929.19	-6.33	5,928.90	0.00	0.00	0.00
16,500.00	88.90	179.49	10,598.08	-6,029.17	-5.44	6,028.88	0.00	0.00	0.00

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,600.00	88.90	179.49	10,600.00	-6,129.15	-4.55	6,128.86	0.00	0.00	0.00
16,700.00	88.90	179.49	10,601.92	-6,229.12	-3.66	6,228.84	0.00	0.00	0.00
16,800.00	88.90	179.49	10,603.83	-6,329.10	-2.77	6,328.83	0.00	0.00	0.00
16,900.00	88.90	179.49	10,605.75	-6,429.08	-1.88	6,428.81	0.00	0.00	0.00
17,000.00	88.90	179.49	10,607.67	-6,529.06	-0.99	6,528.79	0.00	0.00	0.00
17,100.00	88.90	179.49	10,609.58	-6,629.03	-0.10	6,628.77	0.00	0.00	0.00
17,200.00	88.90	179.49	10,611.50	-6,729.01	0.79	6,728.75	0.00	0.00	0.00
17,300.00	88.90	179.49	10,613.42	-6,828.99	1.68	6,828.73	0.00	0.00	0.00
17,400.00	88.90	179.49	10,615.33	-6,928.97	2.57	6,928.72	0.00	0.00	0.00
17,500.00	88.90	179.49	10,617.25	-7,028.95	3.46	7,028.70	0.00	0.00	0.00
17,600.00	88.90	179.49	10,619.17	-7,128.92	4.35	7,128.68	0.00	0.00	0.00
17,700.00	88.90	179.49	10,621.09	-7,228.90	5.25	7,228.66	0.00	0.00	0.00
17,800.00	88.90	179.49	10,623.00	-7,328.88	6.14	7,328.64	0.00	0.00	0.00
17,900.00	88.90	179.49	10,624.92	-7,428.86	7.03	7,428.62	0.00	0.00	0.00
18,000.00	88.90	179.49	10,626.84	-7,528.83	7.92	7,528.61	0.00	0.00	0.00
18,100.00	88.90	179.49	10,628.75	-7,628.81	8.81	7,628.59	0.00	0.00	0.00
18,200.00	88.90	179.49	10,630.67	-7,728.79	9.70	7,728.57	0.00	0.00	0.00
18,300.00	88.90	179.49	10,632.59	-7,828.77	10.59	7,828.55	0.00	0.00	0.00
18,400.00	88.90	179.49	10,634.51	-7,928.74	11.48	7,928.53	0.00	0.00	0.00
18,500.00	88.90	179.49	10,636.42	-8,028.72	12.37	8,028.51	0.00	0.00	0.00
18,600.00	88.90	179.49	10,638.34	-8,128.70	13.26	8,128.50	0.00	0.00	0.00
18,700.00	88.90	179.49	10,640.26	-8,228.68	14.15	8,228.48	0.00	0.00	0.00
18,800.00	88.90	179.49	10,642.17	-8,328.65	15.04	8,328.46	0.00	0.00	0.00
18,900.00	88.90	179.49	10,644.09	-8,428.63	15.94	8,428.44	0.00	0.00	0.00
19,000.00	88.90	179.49	10,646.01	-8,528.61	16.83	8,528.42	0.00	0.00	0.00
19,100.00	88.90	179.49	10,647.92	-8,628.59	17.72	8,628.40	0.00	0.00	0.00
19,200.00	88.90	179.49	10,649.84	-8,728.57	18.61	8,728.39	0.00	0.00	0.00
19,300.00	88.90	179.49	10,651.76	-8,828.54	19.50	8,828.37	0.00	0.00	0.00
19,400.00	88.90	179.49	10,653.68	-8,928.52	20.39	8,928.35	0.00	0.00	0.00
19,500.00	88.90	179.49	10,655.59	-9,028.50	21.28	9,028.33	0.00	0.00	0.00
19,600.00	88.90	179.49	10,657.51	-9,128.48	22.17	9,128.31	0.00	0.00	0.00
19,700.00	88.90	179.49	10,659.43	-9,228.45	23.06	9,228.29	0.00	0.00	0.00
19,800.00	88.90	179.49	10,661.34	-9,328.43	23.95	9,328.28	0.00	0.00	0.00
19,900.00	88.90	179.49	10,663.26	-9,428.41	24.84	9,428.26	0.00	0.00	0.00
20,000.00	88.90	179.49	10,665.18	-9,528.39	25.73	9,528.24	0.00	0.00	0.00
20,100.00	88.90	179.49	10,667.10	-9,628.36	26.62	9,628.22	0.00	0.00	0.00
20,200.00	88.90	179.49	10,669.01	-9,728.34	27.52	9,728.20	0.00	0.00	0.00
20,300.00	88.90	179.49	10,670.93	-9,828.32	28.41	9,828.18	0.00	0.00	0.00
20,400.00	88.90	179.49	10,672.85	-9,928.30	29.30	9,928.16	0.00	0.00	0.00
20,500.00	88.90	179.49	10,674.76	-10,028.28	30.19	10,028.15	0.00	0.00	0.00
20,600.00	88.90	179.49	10,676.68	-10,128.25	31.08	10,128.13	0.00	0.00	0.00
20,700.00	88.90	179.49	10,678.60	-10,228.23	31.97	10,228.11	0.00	0.00	0.00
20,800.00	88.90	179.49	10,680.51	-10,328.21	32.86	10,328.09	0.00	0.00	0.00
20,900.00	88.90	179.49	10,682.43	-10,428.19	33.75	10,428.07	0.00	0.00	0.00
21,000.00	88.90	179.49	10,684.35	-10,528.16	34.64	10,528.05	0.00	0.00	0.00
21,100.00	88.90	179.49	10,686.27	-10,628.14	35.53	10,628.04	0.00	0.00	0.00
21,200.00	88.90	179.49	10,688.18	-10,728.12	36.42	10,728.02	0.00	0.00	0.00
21,300.00	88.90	179.49	10,690.10	-10,828.10	37.31	10,828.00	0.00	0.00	0.00
21,400.00	88.90	179.49	10,692.02	-10,928.07	38.21	10,927.98	0.00	0.00	0.00
21,500.00	88.90	179.49	10,693.93	-11,028.05	39.10	11,027.96	0.00	0.00	0.00
21,600.00	88.90	179.49	10,695.85	-11,128.03	39.99	11,127.94	0.00	0.00	0.00
21,700.00	88.90	179.49	10,697.77	-11,228.01	40.88	11,227.93	0.00	0.00	0.00
21,800.00	88.90	179.49	10,699.69	-11,327.98	41.77	11,327.91	0.00	0.00	0.00
21,900.00	88.90	179.49	10,701.60	-11,427.96	42.66	11,427.89	0.00	0.00	0.00

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

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)
22,000.00	88.90	179.49	10,703.52	-11,527.94	43.55	11,527.87	0.00	0.00	0.00
22,100.00	88.90	179.49	10,705.44	-11,627.92	44.44	11,627.85	0.00	0.00	0.00
22,200.00	88.90	179.49	10,707.35	-11,727.90	45.33	11,727.83	0.00	0.00	0.00
22,300.00	88.90	179.49	10,709.27	-11,827.87	46.22	11,827.82	0.00	0.00	0.00
22,400.00	88.90	179.49	10,711.19	-11,927.85	47.11	11,927.80	0.00	0.00	0.00
22,500.00	88.90	179.49	10,713.10	-12,027.83	48.00	12,027.78	0.00	0.00	0.00
22,600.00	88.90	179.49	10,715.02	-12,127.81	48.89	12,127.76	0.00	0.00	0.00
22,700.00	88.90	179.49	10,716.94	-12,227.78	49.79	12,227.74	0.00	0.00	0.00
22,800.00	88.90	179.49	10,718.86	-12,327.76	50.68	12,327.72	0.00	0.00	0.00
22,900.00	88.90	179.49	10,720.77	-12,427.74	51.57	12,427.71	0.00	0.00	0.00
23,000.00	88.90	179.49	10,722.69	-12,527.72	52.46	12,527.69	0.00	0.00	0.00
23,100.00	88.90	179.49	10,724.61	-12,627.69	53.35	12,627.67	0.00	0.00	0.00
23,200.00	88.90	179.49	10,726.52	-12,727.67	54.24	12,727.65	0.00	0.00	0.00
23,300.00	88.90	179.49	10,728.44	-12,827.65	55.13	12,827.63	0.00	0.00	0.00
23,400.00	88.90	179.49	10,730.36	-12,927.63	56.02	12,927.61	0.00	0.00	0.00
23,500.00	88.90	179.49	10,732.28	-13,027.60	56.91	13,027.60	0.00	0.00	0.00
23,600.00	88.90	179.49	10,734.19	-13,127.58	57.80	13,127.58	0.00	0.00	0.00
23,700.00	88.90	179.49	10,736.11	-13,227.56	58.69	13,227.56	0.00	0.00	0.00
23,800.00	88.90	179.49	10,738.03	-13,327.54	59.58	13,327.54	0.00	0.00	0.00
23,900.00	88.90	179.49	10,739.94	-13,427.52	60.47	13,427.52	0.00	0.00	0.00
24,000.00	88.90	179.49	10,741.86	-13,527.49	61.37	13,527.50	0.00	0.00	0.00
24,100.00	88.90	179.49	10,743.78	-13,627.47	62.26	13,627.48	0.00	0.00	0.00
24,200.00	88.90	179.49	10,745.69	-13,727.45	63.15	13,727.47	0.00	0.00	0.00
24,300.00	88.90	179.49	10,747.61	-13,827.43	64.04	13,827.45	0.00	0.00	0.00
24,400.00	88.90	179.49	10,749.53	-13,927.40	64.93	13,927.43	0.00	0.00	0.00
24,500.00	88.90	179.49	10,751.45	-14,027.38	65.82	14,027.41	0.00	0.00	0.00
24,600.00	88.90	179.49	10,753.36	-14,127.36	66.71	14,127.39	0.00	0.00	0.00
24,700.00	88.90	179.49	10,755.28	-14,227.34	67.60	14,227.37	0.00	0.00	0.00
24,800.00	88.90	179.49	10,757.20	-14,327.31	68.49	14,327.36	0.00	0.00	0.00
24,900.00	88.90	179.49	10,759.11	-14,427.29	69.38	14,427.34	0.00	0.00	0.00
25,000.00	88.90	179.49	10,761.03	-14,527.27	70.27	14,527.32	0.00	0.00	0.00
25,100.00	88.90	179.49	10,762.95	-14,627.25	71.16	14,627.30	0.00	0.00	0.00
25,200.00	88.90	179.49	10,764.86	-14,727.22	72.06	14,727.28	0.00	0.00	0.00
25,300.00	88.90	179.49	10,766.78	-14,827.20	72.95	14,827.26	0.00	0.00	0.00
25,400.00	88.90	179.49	10,768.70	-14,927.18	73.84	14,927.25	0.00	0.00	0.00
25,500.00	88.90	179.49	10,770.62	-15,027.16	74.73	15,027.23	0.00	0.00	0.00
25,600.00	88.90	179.49	10,772.53	-15,127.14	75.62	15,127.21	0.00	0.00	0.00
25,700.00	88.90	179.49	10,774.45	-15,227.11	76.51	15,227.19	0.00	0.00	0.00
25,800.00	88.90	179.49	10,776.37	-15,327.09	77.40	15,327.17	0.00	0.00	0.00
25,900.00	88.90	179.49	10,778.28	-15,427.07	78.29	15,427.15	0.00	0.00	0.00
26,000.00	88.90	179.49	10,780.20	-15,527.05	79.18	15,527.14	0.00	0.00	0.00
26,100.00	88.90	179.49	10,782.12	-15,627.02	80.07	15,627.12	0.00	0.00	0.00
26,200.00	88.90	179.49	10,784.04	-15,727.00	80.96	15,727.10	0.00	0.00	0.00
26,300.00	88.90	179.49	10,785.95	-15,826.98	81.85	15,827.08	0.00	0.00	0.00
26,400.00	88.90	179.49	10,787.87	-15,926.96	82.74	15,927.06	0.00	0.00	0.00
26,458.98	88.90	179.49	10,789.00	-15,985.92	83.27	15,986.03	0.00	0.00	0.00
18H LTP/BHL: 100' FSL - 1300' FWL									

MEWBOURNE OIL COMPANY

PROTOTYPE
Planning Report

PROTOTYPE WELL PLANNING
WELL PLANNED. WELL EXECUTED.

Database:	PROTO SANDBOX 1	**Local Co-ordinate Reference:**	Well NORTH WILSON DEEP UNIT 18H
Company:	MEWBOURNE OIL COMPANY	**TVD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Project:	LEA CO., NM (NAD83)	**MD Reference:**	RKB = 28' @ 3669.00usft (PATT 558)
Site:	NORTH WILSON DEEP UNIT	**North Reference:**	Grid
Well:	NORTH WILSON DEEP UNIT 18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PLAN 2		

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
18H SHL: 240' FSL - ' - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	536,921.62	836,353.43	32.4724255	-103.3767138
18H FTP/LP: 100' FNl - plan hits target center - Point	0.00	0.00	10,489.00	-340.42	-56.13	536,581.20	836,297.30	32.4714913	-103.3769057
18H LTP/BHL: 100' FS - plan hits target center - Point	0.00	0.00	10,789.00	-15,985.92	83.27	520,935.70	836,436.70	32.4284874	-103.3769081

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,870.00	1,870.00	Rustler			
2,000.00	2,000.00	Salt Top			
3,551.27	3,550.00	Salt Base			
3,631.34	3,630.00	Tansill			
3,771.46	3,770.00	Yates			
4,161.81	4,160.00	Capitan Reef			
5,583.08	5,580.00	Cherry Canyon			
7,614.82	7,610.00	Basal Brushy Canyon			
7,874.82	7,870.00	Bone Spring			
8,144.82	8,140.00	Avalon			
8,954.82	8,950.00	1st Sand			
9,294.82	9,290.00	2nd Carbonate			
9,584.82	9,580.00	2nd Sand			
9,984.95	9,980.00	3rd Carbonate			
10,497.13	10,400.00	3rd Sand			
12,427.04	10,520.00	Wolfcamp			

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 539641
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
dmcclure	Old Well: 30-025-54856 NORTH WILSON DEEP UNIT #018Y	1/2/2026
dmcclure	New Well: 30-025-55720 NORTH WILSON DEEP UNIT #018H	1/2/2026

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	14744
	Action Number: 539641
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	All previous COA's still apply.	1/2/2026
dmcclure	30-025-54856 shall be plugged as directed by the Division.	1/2/2026

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

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 539666
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
dmcclure	Old Well: 30-025-54856 NORTH WILSON DEEP UNIT #018Y	1/2/2026
dmcclure	New Well: 30-025-55720 NORTH WILSON DEEP UNIT #018H	1/2/2026

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

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	14744
	Action Number: 539666
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	All previous COA's still apply.	1/2/2026
dmcclure	30-025-54856 shall be plugged as directed by the Division.	1/2/2026