

**From:** [McClure, Dean, EMNRD](#) on behalf of [Engineer, OCD, EMNRD](#)  
**To:** [John Smith](#); [Gomez, Matthew, EMNRD](#); [Rikala, Ward, EMNRD](#)  
**Cc:** [Bradley Bishop](#); [Cordero, Gilbert, EMNRD](#); [Engineer, OCD, EMNRD](#); [McClure, Dean, EMNRD](#); [Wrinkle, Justin, EMNRD](#)  
**Subject:** RE: [EXTERNAL] Stone Cold 23/14 Fed Com #528H Sundries  
**Date:** Friday, May 23, 2025 4:18:16 PM  
**Attachments:** [Sundry Package Report 20250523154254.pdf](#)  
[Sundry Package Report 20250523154426.pdf](#)  
[Sundry Package Report 20250523154152.pdf](#)

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Mewbourne is granted verbal approval to proceed as proposed in the 3 attached notices of intent. All COAs on the original APD for the 30-025-54576 STONE COLD 23 14 B2PA FED COM #001H are in effect for the skidded well.

Mewbourne shall submit the BLM approved sundries to the Division no later than 24 hours after the BLM has provided written approval. If the BLM has not provided written approval by 5/30/2025, then on that date, Mewbourne shall provide an update to the Division via email to [OCD.Engineer@emnrd.nm.gov](mailto:OCD.Engineer@emnrd.nm.gov) and CC Ward Rikala, Matthew Gomez, and Gilbert Cordero.

Dean McClure  
Petroleum Engineer, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 469-8211

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**From:** John Smith <[john.smith@mewbourne.com](mailto:john.smith@mewbourne.com)>  
**Sent:** Friday, May 23, 2025 3:48 PM  
**To:** Gomez, Matthew, EMNRD <[Matthew.Gomez@emnrd.nm.gov](mailto:Matthew.Gomez@emnrd.nm.gov)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; McClure, Dean, EMNRD <[Dean.McClure@emnrd.nm.gov](mailto:Dean.McClure@emnrd.nm.gov)>  
**Cc:** Bradley Bishop <[bbishop@mewbourne.com](mailto:bbishop@mewbourne.com)>  
**Subject:** [EXTERNAL] Stone Cold 23/14 Fed Com #528H Sundries

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

Attached are the sundries for the P&A/Skid/Name Change Process for the current Stone Cold 23/14 Fed Com #528H that has been discussed between Bradley and the NMOCD. If you need anything else from me, please don't hesitate to reach out.

Thanks,  
**John Smith**  
Petroleum Engineer, Mewbourne Oil Company

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Phone: [\(580\) 574-3048](tel:(580)574-3048)  
Email: [john.smith@mewbourne.com](mailto:john.smith@mewbourne.com)  
Hobbs, NM



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

<b>Well Name:</b> STONE COLD 23/14 FED COM	<b>Well Location:</b> T18S / R33E / SEC 26 / NENE / 32.7248073 / -103.6279546	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 528H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM04591	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002554576	<b>Operator:</b> MEWBOURNE OIL COMPANY	

**Notice of Intent**

**Sundry ID:** 2854545

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 05/23/2025

**Time Sundry Submitted:** 03:20

**Date proposed operation will begin:** 05/24/2025

**Procedure Description:** Mewbourne Oil Company request that the following change be made to the Stone Cold 23/14 Fed Com #528H (API #30-025-54576): 1. Change well name f/ Stone Cold 23/14 Fed Com #528H to Stone Cold 23/14 Fed Com #528Y. 2. Attached is updated C-102.

**NOI Attachments**

**Procedure Description**

Stone\_Cold\_23\_14\_Fed\_Com\_528Y\_C102\_\_New\_\_20250523151945.pdf

Stone\_Cold\_23\_14\_Fed\_Com\_\_528H\_Name\_Change\_Sundry\_20250523151945.pdf

Well Name: STONE COLD 23/14 FED COM

Well Location: T18S / R33E / SEC 26 / NENE / 32.7248073 / -103.6279546

County or Parish/State: LEA / NM

Well Number: 528H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM04591

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002554576

Operator: MEWBOURNE OIL COMPANY

**Operator**

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

Operator Electronic Signature: JOHN SMITH

Signed on: MAY 23, 2025 03:20 PM

Name: MEWBOURNE OIL COMPANY

Title: Engineer

Street Address: 419 W TAOS ST

City: HOBBS

State: NM

Phone: (580) 574-3048

Email address: JOHN.SMITH@MEWBOURNE.COM

**Field**

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NENE / 400 FNL / 870 FEL / TWSP: 18S / RANGE: 33E / SECTION: 26 / LAT: 32.7248073 / LONG: -103.6279546 ( TVD: 0 feet, MD: 0 feet )

PPP: NESE / 1320 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 14 / LAT: 32.7440463 / LONG: -103.6272798 ( TVD: 9392 feet, MD: 16500 feet )

PPP: NESE / 1320 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 23 / LAT: 32.7295347 / LONG: -103.6272743 ( TVD: 9614 feet, MD: 11215 feet )

PPP: SESE / 100 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 23 / LAT: 32.7261827 / LONG: -103.627273 ( TVD: 9665 feet, MD: 9995 feet )

BHL: NENE / 100 FNL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 14 / LAT: 32.7546532 / LONG: -103.6272839 ( TVD: 9229 feet, MD: 20362 feet )

CONFIDENTIAL

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting
	Submittal Type:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>13160</b>	Pool Name <b>CORBIN; BONE SPRING, SOUTH</b>
Property Code	Property Name <b>STONE COLD 23/14 FED COM</b>	Well Number <b>528Y</b>
OGRID No. <b>14744</b>	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Ground Level Elevation <b>3846'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>A</b>	<b>26</b>	<b>18S</b>	<b>33E</b>		<b>400' FNL</b>	<b>870' FEL</b>	<b>32.7248073</b>	<b>-103.627955</b>	<b>LEA</b>

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>B</b>	<b>14</b>	<b>18S</b>	<b>33E</b>		<b>100' FNL</b>	<b>660' FEL</b>	<b>32.7546533</b>	<b>-103.627284</b>	<b>LEA</b>

Dedicated Acres <b>160</b>	Infill or Defining Well <b>DEFINING</b>	Defining Well API	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>B</b>	<b>26</b>	<b>18S</b>	<b>33E</b>		<b>473' FNL</b>	<b>660' FEL</b>	<b>32.7246084</b>	<b>-103.627272</b>	<b>LEA</b>

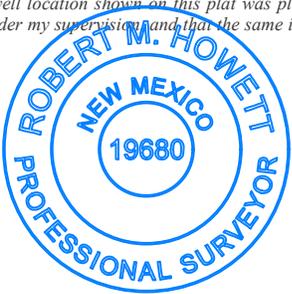
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>O</b>	<b>23</b>	<b>18S</b>	<b>33E</b>		<b>100' FSL</b>	<b>660' FEL</b>	<b>32.7261830</b>	<b>-103.627273</b>	<b>LEA</b>

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>B</b>	<b>14</b>	<b>18S</b>	<b>33E</b>		<b>100' FNL</b>	<b>660' FEL</b>	<b>32.7546533</b>	<b>-103.627284</b>	<b>LEA</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3873'</b>
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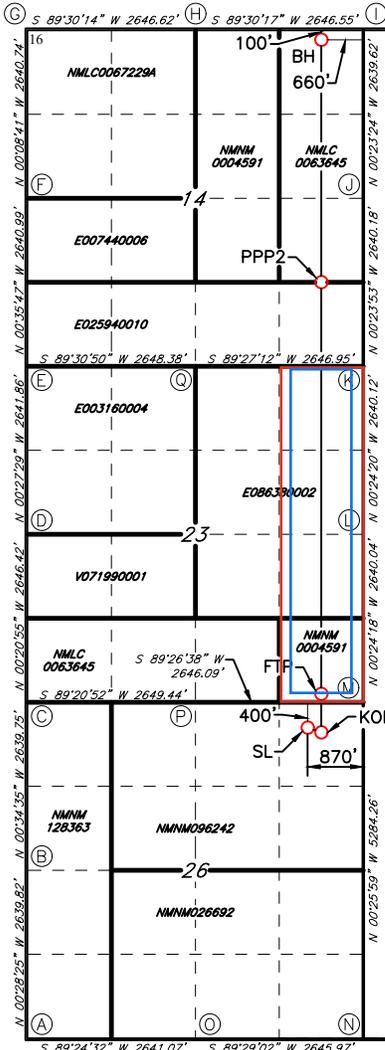
<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the 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.</i></p> <p><i>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.</i></p> <p><u>John Smith</u>                      04/03/2025                  Signature                                      Date</p> <p><b>John Smith</b>                  Printed Name</p> <p><u>john.smith@mewbourne.com</u>                  Email Address</p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>_____                  Signature and Seal of Professional Surveyor</p> <p><u>Robert M. Howett</u>                  Certificate Number                      Date of Survey</p> <p><b>19680</b></p>
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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.

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 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.

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	
<b>SURFACE LOCATION (SL)</b>	<b>PROPOSED PENETRATION POINT 2 (PPP2)</b>
N: 628138.3 - E: 758261.2	N: 635139.2 - E: 758422.0
LAT: 32.7248073° N	LAT: 32.7440461° N
LONG: 103.6279547° W	LONG: 103.6272799° W
<b>KICK OFF POINT (KOP)</b>	<b>BOTTOM HOLE (BH)</b>
473' FNL - 660' FEL SEC.26	N: 638998.3 - E: 758395.1
N: 628067.3 - E: 758471.7	LAT: 32.7546533° N
LAT: 32.7246084° N	LONG: 103.6272838° W
LONG: 103.6272718° W	
<b>FIRST TAKE POINT (FTP)</b>	
100' FSL - 660' FEL SEC.23	
N: 628640.2 - E: 758467.4	
LAT: 32.7261830° N	
LONG: 103.6272733° W	
CORNER DATA	
NAD 83 GRID - NM EAST	
A: FOUND BRASS CAP "1913"	J: FOUND BRASS CAP "1913"
N: 623212.6 - E: 753882.2	N: 636465.0 - E: 759072.2
B: FOUND BRASS CAP "1913"	K: FOUND BRASS CAP "1913"
N: 625851.8 - E: 753860.4	N: 633825.5 - E: 759090.6
C: FOUND BRASS CAP "1913"	L: FOUND 1" PIPE
N: 628490.8 - E: 753833.8	N: 631186.0 - E: 759109.3
D: FOUND BRASS CAP "1913"	M: FOUND BRASS CAP "1913"
N: 631136.6 - E: 753817.7	N: 628546.6 - E: 759127.9
E: FOUND BRASS CAP "1913"	N: FOUND BRASS CAP "1913"
N: 633777.8 - E: 753796.6	N: 623263.7 - E: 759167.8
F: FOUND BRASS CAP "1913"	O: FOUND BRASS CAP "1913"
N: 636418.1 - E: 753769.1	N: 623239.9 - E: 756522.6
G: FOUND BRASS CAP "1913"	P: FOUND BRASS CAP "1913"
N: 639058.2 - E: 753762.5	N: 628521.0 - E: 756482.5
H: FOUND 1/2" REBAR	Q: FOUND BRASS CAP "1913"
N: 639081.1 - E: 756408.4	N: 633800.3 - E: 756444.3
I: FOUND BRASS CAP "1913"	
N: 639104.0 - E: 759054.3	

**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *John Smith* Date: 04/03/2025  
Printed Name: John Smith  
E-mail Address: john.smith@mewbourne.com

**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.

07/05/2022  
Date of Survey

Signature and Seal of Professional Surveyor: *Robert M. Howett*

19680  
Certificate Number

REV: ADD WELL CALLS - 07/25/2024

JOB No: LS21070748D







# Mewbourne Oil Company

## Sundry Request:

Mewbourne Oil Company request that the following change be made to the Stone Cold 23/14 Fed Com #528H (API #30-025-54576):

1. Change well name f/ Stone Cold 23/14 Fed Com #528H to Stone Cold 23/14 Fed Com #528Y.
2. Attached is updated C-102.

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

<b>Well Name:</b> STONE COLD 23/14 FED COM	<b>Well Location:</b> T18S / R33E / SEC 26 / NENE / 32.7248073 / -103.6279546	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 528H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM04591	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002554576	<b>Operator:</b> MEWBOURNE OIL COMPANY	

### Notice of Intent

**Sundry ID:** 2854547

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 05/23/2025

**Time Sundry Submitted:** 03:32

**Date proposed operation will begin:** 05/24/2025

**Procedure Description:** Mewbourne Oil Company request that the following change be made to the Stone Cold 23/14 Fed Com #528Y (Name Change Sundry ID #2854545) (API #30-025-54576): 1. MOC will perform P&A of the Stone Cold 23/14 Fed Com #528Y by cementing drill string in the hole (Currently at 5,391' MD), bringing cement up to 800' MD (2,315' of cement inside 9 5/8" casing). 2. MOC will then back off the drill string at 309' MD and pump a cement plug from 300' to surface, cut the wellhead off and weld on a plate per BLM procedures. Attached is an email chain showing BLM Verbal Approval via Julio Sanchez.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

### NOI Attachments

**Procedure Description**

P\_A\_Sundry\_20250523153208.pdf

BLM\_Verbal\_P\_A\_Procedure\_Approval\_20250523153208.pdf

Well Name: STONE COLD 23/14 FED  
COM

Well Location: T18S / R33E / SEC 26 /  
NENE / 32.7248073 / -103.6279546

County or Parish/State: LEA /  
NM

Well Number: 528H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM04591

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002554576

Operator: MEWBOURNE OIL  
COMPANY

**Operator**

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

Operator Electronic Signature: JOHN SMITH

Signed on: MAY 23, 2025 03:32 PM

Name: MEWBOURNE OIL COMPANY

Title: Engineer

Street Address: 419 W TAOS ST

City: HOBBS

State: NM

Phone: (580) 574-3048

Email address: JOHN.SMITH@MEWBOURNE.COM

**Field**

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NENE / 400 FNL / 870 FEL / TWSP: 18S / RANGE: 33E / SECTION: 26 / LAT: 32.7248073 / LONG: -103.6279546 ( TVD: 0 feet, MD: 0 feet )

PPP: NESE / 1320 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 14 / LAT: 32.7440463 / LONG: -103.6272798 ( TVD: 9392 feet, MD: 16500 feet )

PPP: NESE / 1320 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 23 / LAT: 32.7295347 / LONG: -103.6272743 ( TVD: 9614 feet, MD: 11215 feet )

PPP: SESE / 100 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 23 / LAT: 32.7261827 / LONG: -103.627273 ( TVD: 9665 feet, MD: 9995 feet )

BHL: NENE / 100 FNL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 14 / LAT: 32.7546532 / LONG: -103.6272839 ( TVD: 9229 feet, MD: 20362 feet )

CONFIDENTIAL



# Mewbourne Oil Company

## Sundry Request:

Mewbourne Oil Company request that the following change be made to the Stone Cold 23/14 Fed Com #528Y (Name Change Sundry ID #2854545) (API #30-025-54576):

1. MOC will perform P&A of the Stone Cold 23/14 Fed Com #528Y by cementing drill string in the hole (Currently at 5,391' MD), bringing cement up to 800' MD (2,315' of cement inside 9 5/8" casing).
2. MOC will then back off the drill string at 309' MD and pump a cement plug from 300' to surface, cut the wellhead off and weld on a plate per BLM procedures.

Attached is an email chain showing BLM Verbal Approval via Julio Sanchez.

## John Smith

---

**From:** Sanchez, Julio A <juliosanchez@blm.gov>  
**Sent:** Friday, May 23, 2025 1:20 PM  
**To:** Ryan Branson  
**Cc:** John Smith  
**Subject:** [EXT] Re: [EXTERNAL] Stone Cold 23/14 Fed Com #528H Plugging

You don't often get email from juliosanchez@blm.gov. [Learn why this is important](#)

The BLM grants you verbal approve to proceed with the plan as proposed.

Thank you

## Julio Sanchez

Petroleum Engineer  
620 E Greene Street Carlsbad NM 88220  
Mobile: 575-200-4291  
Office: 575-234-2240

---

**From:** Ryan Branson <rbranson@mewbourne.com>  
**Sent:** Friday, May 23, 2025 1:17:58 PM  
**To:** Sanchez, Julio A <juliosanchez@blm.gov>  
**Cc:** John Smith <john.smith@mewbourne.com>  
**Subject:** [EXTERNAL] Stone Cold 23/14 Fed Com #528H Plugging

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Stone Cold 23/14 Fed Com #528H  
API #30-025-54576

Julio,  
After speaking with you about possibly plugging the well mentioned above, This would be the procedure we would go about.

Surface casing is set @ 1690'  
Intermediate casing is set @ 3115'  
End of drill pipe is @ 5391'

We ran a free point and found we are stuck between 309' & 340'. The plan is the cement the drill string the hole, bringing cement up to 800', which would be 2315' of cement inside of the 9 5/8" casing. Back off of the drill string @ 309'. Pump another cement plug from 300' to surface. Cut the wellhead off and weld on a plate per BLM procedures.

Once well is completely capped, walk rig over 80' to the west, putting SHL @ 400' FNL & 950' FEL. We will sundry well to redrill.

Let me know if you have any questions.

Ryan Branson  
Drilling Engineer  
(806)-202-3467  
[rbranson@mewbourne.com](mailto:rbranson@mewbourne.com)



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

<b>Well Name:</b> STONE COLD 23/14 FED COM	<b>Well Location:</b> T18S / R33E / SEC 26 / NENE / 32.7248073 / -103.6279546	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 528H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM04591	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002554576	<b>Operator:</b> MEWBOURNE OIL COMPANY	

**Notice of Intent**

**Sundry ID:** 2854548

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 05/23/2025

**Time Sundry Submitted:** 03:39

**Date proposed operation will begin:** 05/24/2025

**Procedure Description:** Mewbourne Oil Company request that the following change be made to the Stone Cold 23/14 Fed Com #528H (API #30-025-54576): 1. Request to skid original wellbore, Stone Cold 23/14 Fed Com #528H f/ 400' FNL & 870' FEL, Sec 26, T18S R33E, Lea Co., NM to 400' FNL & 950' FEL, Sec 26, T18S R33E, Lea Co., NM. 2. Attached is updated C-102, Drilling Program, Dir Plan corresponding w/ new SHL 3. Reference Sundry ID #2854547 for P&A of Stone Cold 23/14 Fed Com #528Y (Name Change Sundry ID #2854545).

**NOI Attachments**

**Procedure Description**

- Stone\_Cold\_23\_14\_Fed\_Com\_528H\_Drlg\_Program\_20250523153857.pdf
- Stone\_Cold\_23\_14\_Fed\_Com\_528H\_MOC\_Dir\_Plan\_20250523153857.pdf
- Stone\_Cold\_23\_14\_Fed\_Com\_528H\_Skid\_Sundry\_20250523153857.pdf
- Stone\_Cold\_23\_14\_Fed\_Com\_528H\_C102\_\_New\_\_20250523153858.pdf

Well Name: STONE COLD 23/14 FED  
COM

Well Location: T18S / R33E / SEC 26 /  
NENE / 32.7248073 / -103.6279546

County or Parish/State: LEA /  
NM

Well Number: 528H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM04591

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002554576

Operator: MEWBOURNE OIL  
COMPANY

### Operator

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

Operator Electronic Signature: JOHN SMITH

Signed on: MAY 23, 2025 03:39 PM

Name: MEWBOURNE OIL COMPANY

Title: Engineer

Street Address: 419 W TAOS ST

City: HOBBS

State: NM

Phone: (580) 574-3048

Email address: JOHN.SMITH@MEWBOURNE.COM

### Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
	Title
Signature	Date

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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(Instructions on page 2)

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PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

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The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NENE / 400 FNL / 870 FEL / TWSP: 18S / RANGE: 33E / SECTION: 26 / LAT: 32.7248073 / LONG: -103.6279546 ( TVD: 0 feet, MD: 0 feet )

PPP: NESE / 1320 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 14 / LAT: 32.7440463 / LONG: -103.6272798 ( TVD: 9392 feet, MD: 16500 feet )

PPP: NESE / 1320 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 23 / LAT: 32.7295347 / LONG: -103.6272743 ( TVD: 9614 feet, MD: 11215 feet )

PPP: SESE / 100 FSL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 23 / LAT: 32.7261827 / LONG: -103.627273 ( TVD: 9665 feet, MD: 9995 feet )

BHL: NENE / 100 FNL / 660 FEL / TWSP: 18S / RANGE: 33E / SECTION: 14 / LAT: 32.7546532 / LONG: -103.6272839 ( TVD: 9229 feet, MD: 20362 feet )

CONFIDENTIAL

**Mewbourne Oil Company, Stone Cold 23-14 Fed Com 528H**  
**Sec 26, T18S, R33E**  
**SHL: 400' FNL 950' FEL (Sec 26)**  
**BHL: 100' FNL 660' FEL (Sec 14)**

**Well Location** **GL: 3846'**

Point	Calls	Leases	Aliquot	Section	Township	Range	County	Lat	Long	TVD	MD
SHL	SHL: 400' FNL & 950' FEL (Sec 26)	NMNM096242	NENE	26	18S	33E	Lea	32.7248073	- 103.6279547	0'	0'
KOP	KOP: 473' FNL & 660' FEL (Sec 26)	NMNM096242	NENE	26	18S	33E	Lea	32.7246084	- 103.6272718	9,091'	9,150'
FTP	FTP/LP: 100' FSL & 660' FEL (Sec 23)	NMNM 0004591	SESE	23	18S	33E	Lea	32.7261830	- 103.6272733	9,664'	10,027'
PPP2	PPP2: 1320' FSL & 660' FEL (Sec 14)	NMLC 0063645	NESE	14	18S	33E	Lea	32.7440461	- 103.6272799	9,614'	11,271'
BHL	BHL: 100' FNL & 660' FEL (Sec 14)	NMLC 0063645	NENE	14	18S	33E	Lea	32.7546453	- 103.6272838	9,229'	20,418'

**GEOLOGY**

Formation	Est. Top (TVD)	Lithology	Mineral Resources	Formation	Est. Top (TVD)	Lithology	Mineral Resources
Rustler	1594'	Dolomite/Anhydrite	Usable Water	Delaware (Lamar)	5294'	Limestone	Oil/Natural Gas
Castile				Bell Canyon			
Salt Top	1859'	Salt	None	Cherry Canyon			
Marker Bed 126				Manzanita Marker			
Salt Base	2984'	Salt	None	Basal Brushy Canyon			
Yates	3099'	Sandstone	Oil/Natural Gas	Bone Spring	7449'	Limestone/Shale	Oil/Natural Gas
Seven Rivers	3644'	Dolomite	Oil/Natural Gas	1st Bone Spring Carbonate			
Queen	4324'	Sandstone/Dolomite	Oil/Natural Gas	1st Bone Spring Sand	8674'	Sandstone	Oil/Natural Gas
Capitan				2nd Bone Spring Carbonate			
Grayburg	4954'	0	None	2nd Bone Spring Sand	9324'	Sandstone	Oil/Natural Gas
San Andres	5049'	Dolomite	Oil/Natural Gas	3rd Bone Spring Carbonate			
Glorietta				3rd Bone Spring Sand			
Yeso				Wolfcamp			

Casing Program Design A						BLM Minimum Safety Factors	1.125	1.0	1.6 Dry	1.6 Dry
									1.8 Wet	1.8 Wet
Surface	17.5"	0'	0'	1670'	1670'	13.375" 54.5# J55 STC	1.51	3.66	5.65	9.37
Intermediate	12.25"	0'	0'	3100'	3100'	9.625" 36# J55 LTC	1.23	2.14	4.06	5.05
Production	8.75"	0'	0'	9029'	9026'	7" 26# P110 LTC	1.37	2.19	2.95	3.54
Production	8.5"	8829'	8826'	20418'	9229'	4.5" 13.5# RYS110 CDC HTQ	1.85	2.15	2.73	2.70

**All casing strings will be tested in accordance with 43 CFR Part 3172. Must have table for contingency casing.**

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

**Mewbourne Oil Company, Stone Cold 23-14 Fed Com 528H**

**Sec 26, T18S, R33E**

**SHL: 400' FNL 950' FEL (Sec 26)**

**BHL: 100' FNL 660' FEL (Sec 14)**

**Design A - Cement Program**

Size	Lead	WT	SL	PL	Interval	Volume	Percentage	Class
13.375 in	LEAD	970	12.5	2.12	0' - 1478'	2060	100%	Class C: Salt, Gel, Extender, LCM
	TAIL	200	14.8	1.34	1478' - 1670'	268		Class C: Retarder
9.625 in	LEAD	430	12.5	2.12	0' - 2401'	920	25%	Class C: Salt, Gel, Extender, LCM
	TAIL	200	14.8	1.34	2401' - 3100'	268		Class C: Retarder
7 in - 4.5 in	LEAD	310	12.5	2.12	5295' - 7379'	660	25%	Class C: Salt, Gel, Extender, LCM, Defoamer
	TAIL	3500	15.6	1.18	7379' - 20417.6'	4130		Class H: Retarder, Fluid Loss, Defoamer
<b>7" DV Tool @ 5295'</b>								
2nd Stg 7 in	LEAD	380	12.5	2.12	0' - 4543'	810	25%	Class C: Salt, Gel, Extender, LCM, Defoamer
	TAIL	100	14.8	1.34	4543' - 5295'	134		Class C: Retarder, Fluid Loss, Defoamer

**Pressure Control Equipment**

BOP installed and tested before drilling hole, in:	Size, in	System Rated WP	Type	Tested to:	Rating Depth	
12.25	13.375	5M	Annular	X	2500#/3500#	20,418'
			Blind Ram	X		
		5M	Pipe Ram	X	5000#	
			Double Ram			
			Other*			

\*Specify if additional ram is utilized.

**Equipment:** Annular, Pipe Rams, Blind Rams, Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

**Variance Request:** A variance is requested for the use of a flexible choke line from the BOP to the choke manifold. See attached for hydrostatic test chart. Anchors are not required by manufacturer. Variance is requested to use a multi bowl wellhead. Variance is requested to perform break testing according to attached procedure. If a breaktesting variance is approved & incorporated, API Standard 53 will be incorporated and testing annular BOP to 70% of RWP or 100% of MASP, whichever is greater, will be performed.

**Testing Procedure:** BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR Part 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

Y	Formation integrity test will be performed per 43 CFR Part 3172. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with 43 CFR Part 3172.
N	Mewbourne Oil Company request a variance to use a 5000 psi annular BOP with a 10,000 psi BOP stack.

**Mud Program**

Depth (MD)	Mud Wt., lb/gal	Mud Type
0' - 1670'	8.4 - 8.6	Fresh Water
1670' - 3100'	10.0 - 10.2	Brine
3100' - 10026.5'	8.6 - 9.7	Cut-Brine
10026.5' - 20417.6'	10.0 - 11.5	OBM

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

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

**Mewbourne Oil Company, Stone Cold 23-14 Fed Com 528H**  
**Sec 26, T18S, R33E**  
**SHL: 400' FNL 950' FEL (Sec 26)**  
**BHL: 100' FNL 660' FEL (Sec 14)**

**Logging and Testing Procedures**

Logging, Coring and Testing.	
Y	Will run GR/CNL from KOP (9149.8') to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
N	No logs are planned based on well control or offset log information. Offset Well:
N	Coring? If yes, explain:

**Open & Cased Hole Logs Run In the Well**

<input type="checkbox"/> Caliper	<input type="checkbox"/> Cement Bond Log	<input type="checkbox"/> CNL/FDC
<input type="checkbox"/> Compensated Densilog	<input checked="" type="checkbox"/> <b>Compensated Neutron Log</b>	<input type="checkbox"/> Computer Generated Log
<input type="checkbox"/> Dip Meter Log	<input checked="" type="checkbox"/> <b>Directional Survey</b>	<input type="checkbox"/> Dual Induction/Microresistivity
<input type="checkbox"/> Dual Lateral Log/Microspherically Focused	<input type="checkbox"/> Electric Log	<input type="checkbox"/> Formation Density Compensated Log
<input checked="" type="checkbox"/> <b>Gamma Ray Log</b>	<input checked="" type="checkbox"/> <b>Measurement While Drilling</b>	<input type="checkbox"/> Mud Log/Geological Lithology Log
<input type="checkbox"/> Other	<input type="checkbox"/> Porosity-Resistivity Log	<input type="checkbox"/> Sidewall Neutron Log
<input type="checkbox"/> Sonic Log	<input type="checkbox"/> Spontaneous Potential Log	<input type="checkbox"/> Temperature Log

**Drilling Conditions**

Condition	Specify what type and where?
BH Pressure at deepest TVD	5779 psi
BH Temperature	140
Abnormal Temp, Pressure, or Geologic Hazards	No

Mitigation measure for abnormal conditions. Describe. *Lost circulation material/sweeps/mud scavengers in surface hole. Weighted mud for possible over-pressure in Wolfcamp formation.*

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

	H2S is present
X	H2S Plan attached

**Mewbourne Oil Company, Stone Cold 23-14 Fed Com 528H**  
**Sec 26, T18S, R33E**  
**SHL: 400' FNL 950' FEL (Sec 26)**  
**BHL: 100' FNL 660' FEL (Sec 14)**

**Other facets of operation**

Mewbourne Oil Company also requests approval to implement additional designs as described below &/or in other attachments. BLM will be notified of elected design.

**Offline Cementing Variance:** Variance is requested to perform offline cementing according to the attached procedure. **R-111Q:** Mewbourne proposes performing Open Hole Cementing per R-111Q Guidelines if well is in Potash.

Casing Program Design B						BLM Minimum Safety Factors	1.125	1.0	1.6 Dry	1.6 Dry
									1.8 Wet	1.8 Wet
Surface	17.5"	0'	0'	1670'	1670'	13.375" 54.5# J55 STC	1.51	3.66	5.65	9.37
Intermediate	12.25"	0'	0'	3100'	3100'	9.625" 36# J55 LTC	1.23	2.14	4.06	5.05
Production	8.75"	0'	0'	10027'	9664'	7" 26# P110 LTC	1.28	2.04	2.66	3.18
Liner	8.5"	9150'	9091'	20418'	9229'	4.5" 13.5# P110 LTC	1.85	2.15	2.22	2.77

**All casing strings will be tested in accordance with 43 CFR Part 3172. Must have table for contingency casing.**

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

**Design B - Cement Program**

<b>13.375 in</b>	LEAD	970	12.5	2.12	0' - 1478'	2060	100%	Class C: Salt, Gel, Extender, LCM
	TAIL	200	14.8	1.34	1478' - 1670'	268		Class C: Retarder
<b>9.625 in</b>	LEAD	430	12.5	2.12	0' - 2401'	920	25%	Class C: Salt, Gel, Extender, LCM
	TAIL	200	14.8	1.34	2401' - 3100'	268		Class C: Retarder
<b>1st Stg 7 in</b>	LEAD	120	12.5	2.12	5295' - 6648'	260	25%	Class C: Salt, Gel, Extender, LCM, Defoamer
	TAIL	550	15.6	1.18	6648' - 10026.5'	649		Class H: Retarder, Fluid Loss, Defoamer
<b>7" DV Tool @ 5295'</b>								
<b>2nd Stg 7 in</b>	LEAD	380	12.5	2.12	0' - 4543'	810	25%	Class C: Salt, Gel, Extender, LCM, Defoamer
	TAIL	100	14.8	1.34	4543' - 5295'	134		Class C: Retarder, Fluid Loss, Defoamer
<b>4.5 in</b>	LEAD	2050	13.5	1.85	9149.8' - 20417.6'	3800	25%	Class H: Salt, Gel, Fluid Loss, Retarder, Dispersant, Defoamer, Anti-settling Agent

# **Mewbourne Oil Company**

**Lea County, New Mexico NAD 83**

**Stone Cold 23/14 B2PA Fed Com #1H**

**Sec 26, T18S, R33E**

**SHL: 400' FNL & 870' FEL (Sec 26)**

**BHL: 100' FNL & 660' FEL (Sec 14)**

**Plan: Design #1**

## **Standard Planning Report**

**23 May, 2025**

### Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Stone Cold 23/14 B2PA Fed Com#1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Project:</b>	Lea County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Site:</b>	Stone Cold 23/14 B2PA Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 26, T18S, R33E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 100' FNL & 660' FEL (Sec 14)		
<b>Design:</b>	Design #1		

<b>Project</b>	Lea County, New Mexico NAD 83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Stone Cold 23/14 B2PA Fed Com #1H				
<b>Site Position:</b>		<b>Northing:</b>	628,932.24 usft	<b>Latitude:</b>	32.7269910
<b>From:</b>	Map	<b>Easting:</b>	758,173.26 usft	<b>Longitude:</b>	-103.6282234
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "		

<b>Well</b>	Sec 26, T18S, R33E					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	628,932.24 usft	<b>Latitude:</b>	32.7269910
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	758,173.26 usft	<b>Longitude:</b>	-103.6282234
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	3,874.0 usft	<b>Ground Level:</b>	3,846.0 usft
<b>Grid Convergence:</b>	0.38 °					

<b>Wellbore</b>	BHL: 100' FNL & 660' FEL (Sec 14)				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	12/31/2014	7.21	60.55	48,554.49733445

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	1.26

<b>Plan Survey Tool Program</b>	<b>Date</b>	5/23/2025		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.0	20,417.6	Design #1 (BHL: 100' FNL & 660'	

<b>Plan Sections</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	<b>TFO (°)</b>	<b>Target</b>
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,750.0	0.00	0.00	1,750.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,124.1	7.48	160.98	2,123.1	-23.1	8.0	2.00	2.00	0.00	160.98	
8,775.6	7.48	160.98	8,717.9	-842.0	290.3	0.00	0.00	0.00	0.00	
9,149.8	0.00	0.00	9,091.0	-865.0	298.2	2.00	-2.00	0.00	180.00	KOP: 473' FNL & 660'
10,074.8	92.41	359.60	9,664.0	-267.4	294.1	9.99	9.99	0.00	-0.40	
20,417.6	92.41	359.60	9,229.0	10,066.1	221.8	0.00	0.00	0.00	0.00	BHL: 100' FNL & 660'

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Stone Cold 23/14 B2PA Fed Com#1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Project:</b>	Lea County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Site:</b>	Stone Cold 23/14 B2PA Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 26, T18S, R33E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 100' FNL & 660' FEL (Sec 14)		
<b>Design:</b>	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
<b>SHL: 400' FNL &amp; 950' FEL (Sec 26)</b>									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,750.0	0.00	0.00	1,750.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	1.00	160.98	1,800.0	-0.4	0.1	-0.4	2.00	2.00	0.00
1,900.0	3.00	160.98	1,899.9	-3.7	1.3	-3.7	2.00	2.00	0.00
2,000.0	5.00	160.98	1,999.7	-10.3	3.6	-10.2	2.00	2.00	0.00
2,100.0	7.00	160.98	2,099.1	-20.2	7.0	-20.0	2.00	2.00	0.00
2,124.1	7.48	160.98	2,123.1	-23.1	8.0	-22.9	2.00	2.00	0.00
2,200.0	7.48	160.98	2,198.3	-32.4	11.2	-32.1	0.00	0.00	0.00
2,300.0	7.48	160.98	2,297.4	-44.7	15.4	-44.4	0.00	0.00	0.00
2,400.0	7.48	160.98	2,396.6	-57.0	19.7	-56.6	0.00	0.00	0.00
2,500.0	7.48	160.98	2,495.7	-69.3	23.9	-68.8	0.00	0.00	0.00
2,600.0	7.48	160.98	2,594.9	-81.6	28.2	-81.0	0.00	0.00	0.00
2,700.0	7.48	160.98	2,694.0	-94.0	32.4	-93.2	0.00	0.00	0.00
2,800.0	7.48	160.98	2,793.2	-106.3	36.6	-105.4	0.00	0.00	0.00
2,900.0	7.48	160.98	2,892.3	-118.6	40.9	-117.7	0.00	0.00	0.00
3,000.0	7.48	160.98	2,991.5	-130.9	45.1	-129.9	0.00	0.00	0.00
3,100.0	7.48	160.98	3,090.6	-143.2	49.4	-142.1	0.00	0.00	0.00
3,200.0	7.48	160.98	3,189.8	-155.5	53.6	-154.3	0.00	0.00	0.00
3,300.0	7.48	160.98	3,288.9	-167.8	57.9	-166.5	0.00	0.00	0.00
3,400.0	7.48	160.98	3,388.1	-180.1	62.1	-178.7	0.00	0.00	0.00
3,500.0	7.48	160.98	3,487.2	-192.5	66.4	-190.9	0.00	0.00	0.00
3,600.0	7.48	160.98	3,586.4	-204.8	70.6	-203.2	0.00	0.00	0.00
3,700.0	7.48	160.98	3,685.5	-217.1	74.8	-215.4	0.00	0.00	0.00
3,800.0	7.48	160.98	3,784.7	-229.4	79.1	-227.6	0.00	0.00	0.00
3,900.0	7.48	160.98	3,883.8	-241.7	83.3	-239.8	0.00	0.00	0.00
4,000.0	7.48	160.98	3,983.0	-254.0	87.6	-252.0	0.00	0.00	0.00
4,100.0	7.48	160.98	4,082.1	-266.3	91.8	-264.2	0.00	0.00	0.00
4,200.0	7.48	160.98	4,181.3	-278.6	96.1	-276.4	0.00	0.00	0.00
4,300.0	7.48	160.98	4,280.4	-290.9	100.3	-288.7	0.00	0.00	0.00
4,400.0	7.48	160.98	4,379.6	-303.3	104.6	-300.9	0.00	0.00	0.00
4,500.0	7.48	160.98	4,478.7	-315.6	108.8	-313.1	0.00	0.00	0.00
4,600.0	7.48	160.98	4,577.9	-327.9	113.0	-325.3	0.00	0.00	0.00
4,700.0	7.48	160.98	4,677.0	-340.2	117.3	-337.5	0.00	0.00	0.00
4,800.0	7.48	160.98	4,776.2	-352.5	121.5	-349.7	0.00	0.00	0.00
4,900.0	7.48	160.98	4,875.3	-364.8	125.8	-361.9	0.00	0.00	0.00
5,000.0	7.48	160.98	4,974.4	-377.1	130.0	-374.2	0.00	0.00	0.00

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Stone Cold 23/14 B2PA Fed Com#1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Project:</b>	Lea County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Site:</b>	Stone Cold 23/14 B2PA Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 26, T18S, R33E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 100' FNL & 660' FEL (Sec 14)		
<b>Design:</b>	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	7.48	160.98	5,073.6	-389.4	134.3	-386.4	0.00	0.00	0.00
5,200.0	7.48	160.98	5,172.7	-401.7	138.5	-398.6	0.00	0.00	0.00
5,300.0	7.48	160.98	5,271.9	-414.1	142.8	-410.8	0.00	0.00	0.00
5,400.0	7.48	160.98	5,371.0	-426.4	147.0	-423.0	0.00	0.00	0.00
5,500.0	7.48	160.98	5,470.2	-438.7	151.2	-435.2	0.00	0.00	0.00
5,600.0	7.48	160.98	5,569.3	-451.0	155.5	-447.5	0.00	0.00	0.00
5,700.0	7.48	160.98	5,668.5	-463.3	159.7	-459.7	0.00	0.00	0.00
5,800.0	7.48	160.98	5,767.6	-475.6	164.0	-471.9	0.00	0.00	0.00
5,900.0	7.48	160.98	5,866.8	-487.9	168.2	-484.1	0.00	0.00	0.00
6,000.0	7.48	160.98	5,965.9	-500.2	172.5	-496.3	0.00	0.00	0.00
6,100.0	7.48	160.98	6,065.1	-512.5	176.7	-508.5	0.00	0.00	0.00
6,200.0	7.48	160.98	6,164.2	-524.9	181.0	-520.7	0.00	0.00	0.00
6,300.0	7.48	160.98	6,263.4	-537.2	185.2	-533.0	0.00	0.00	0.00
6,400.0	7.48	160.98	6,362.5	-549.5	189.5	-545.2	0.00	0.00	0.00
6,500.0	7.48	160.98	6,461.7	-561.8	193.7	-557.4	0.00	0.00	0.00
6,600.0	7.48	160.98	6,560.8	-574.1	197.9	-569.6	0.00	0.00	0.00
6,700.0	7.48	160.98	6,660.0	-586.4	202.2	-581.8	0.00	0.00	0.00
6,800.0	7.48	160.98	6,759.1	-598.7	206.4	-594.0	0.00	0.00	0.00
6,900.0	7.48	160.98	6,858.3	-611.0	210.7	-606.2	0.00	0.00	0.00
7,000.0	7.48	160.98	6,957.4	-623.3	214.9	-618.5	0.00	0.00	0.00
7,100.0	7.48	160.98	7,056.6	-635.7	219.2	-630.7	0.00	0.00	0.00
7,200.0	7.48	160.98	7,155.7	-648.0	223.4	-642.9	0.00	0.00	0.00
7,300.0	7.48	160.98	7,254.9	-660.3	227.7	-655.1	0.00	0.00	0.00
7,400.0	7.48	160.98	7,354.0	-672.6	231.9	-667.3	0.00	0.00	0.00
7,500.0	7.48	160.98	7,453.2	-684.9	236.1	-679.5	0.00	0.00	0.00
7,600.0	7.48	160.98	7,552.3	-697.2	240.4	-691.7	0.00	0.00	0.00
7,700.0	7.48	160.98	7,651.5	-709.5	244.6	-704.0	0.00	0.00	0.00
7,800.0	7.48	160.98	7,750.6	-721.8	248.9	-716.2	0.00	0.00	0.00
7,900.0	7.48	160.98	7,849.8	-734.1	253.1	-728.4	0.00	0.00	0.00
8,000.0	7.48	160.98	7,948.9	-746.5	257.4	-740.6	0.00	0.00	0.00
8,100.0	7.48	160.98	8,048.0	-758.8	261.6	-752.8	0.00	0.00	0.00
8,200.0	7.48	160.98	8,147.2	-771.1	265.9	-765.0	0.00	0.00	0.00
8,300.0	7.48	160.98	8,246.3	-783.4	270.1	-777.3	0.00	0.00	0.00
8,400.0	7.48	160.98	8,345.5	-795.7	274.3	-789.5	0.00	0.00	0.00
8,500.0	7.48	160.98	8,444.6	-808.0	278.6	-801.7	0.00	0.00	0.00
8,600.0	7.48	160.98	8,543.8	-820.3	282.8	-813.9	0.00	0.00	0.00
8,700.0	7.48	160.98	8,642.9	-832.6	287.1	-826.1	0.00	0.00	0.00
8,775.6	7.48	160.98	8,717.9	-842.0	290.3	-835.4	0.00	0.00	0.00
8,800.0	7.00	160.98	8,742.1	-844.9	291.3	-838.2	2.00	-2.00	0.00
8,900.0	5.00	160.98	8,841.5	-854.7	294.7	-848.0	2.00	-2.00	0.00
9,000.0	3.00	160.98	8,941.3	-861.3	297.0	-854.6	2.00	-2.00	0.00
9,100.0	1.00	160.98	9,041.2	-864.6	298.1	-857.8	2.00	-2.00	0.00
9,149.8	0.00	0.00	9,091.0	-865.0	298.2	-858.2	2.00	-2.00	0.00
<b>KOP: 473' FNL &amp; 660' FEL (Sec 26)</b>									
9,200.0	5.02	359.60	9,141.2	-862.8	298.2	-856.0	9.99	9.99	0.00
9,250.0	10.01	359.60	9,190.7	-856.3	298.2	-849.5	9.99	9.99	0.00
9,300.0	15.01	359.60	9,239.5	-845.4	298.1	-838.7	9.99	9.99	0.00
9,350.0	20.00	359.60	9,287.2	-830.4	298.0	-823.6	9.99	9.99	0.00
9,400.0	25.00	359.60	9,333.4	-811.3	297.9	-804.5	9.99	9.99	0.00
9,450.0	29.99	359.60	9,377.7	-788.2	297.7	-781.5	9.99	9.99	0.00
9,500.0	34.99	359.60	9,419.9	-761.4	297.5	-754.6	9.99	9.99	0.00
9,550.0	39.98	359.60	9,459.5	-730.9	297.3	-724.2	9.99	9.99	0.00
9,600.0	44.98	359.60	9,496.4	-697.2	297.1	-690.5	9.99	9.99	0.00

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Stone Cold 23/14 B2PA Fed Com#1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Project:</b>	Lea County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Site:</b>	Stone Cold 23/14 B2PA Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 26, T18S, R33E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 100' FNL & 660' FEL (Sec 14)		
<b>Design:</b>	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	49.98	359.60	9,530.2	-660.3	296.8	-653.6	9.99	9.99	0.00
9,700.0	54.97	359.60	9,560.6	-620.7	296.5	-614.0	9.99	9.99	0.00
9,750.0	59.97	359.60	9,587.5	-578.6	296.2	-571.9	9.99	9.99	0.00
9,800.0	64.96	359.60	9,610.6	-534.2	295.9	-527.6	9.99	9.99	0.00
9,850.0	69.96	359.60	9,629.8	-488.1	295.6	-481.4	9.99	9.99	0.00
9,900.0	74.95	359.60	9,644.8	-440.4	295.3	-433.8	9.99	9.99	0.00
9,950.0	79.95	359.60	9,655.7	-391.6	294.9	-385.0	9.99	9.99	0.00
10,000.0	84.94	359.60	9,662.3	-342.1	294.6	-335.5	9.99	9.99	0.00
10,026.5	87.59	359.60	9,664.0	-315.6	294.4	-309.1	9.99	9.99	0.00
<b>FTP/LP: 100' FSL &amp; 660' FEL (Sec 23)</b>									
10,050.0	89.94	359.60	9,664.5	-292.2	294.2	-285.6	9.99	9.99	0.00
10,074.8	92.41	359.60	9,664.0	-267.4	294.1	-260.9	9.99	9.99	0.00
10,100.0	92.41	359.60	9,662.9	-242.2	293.9	-235.6	0.00	0.00	0.00
10,200.0	92.41	359.60	9,658.7	-142.3	293.2	-135.8	0.00	0.00	0.00
10,300.0	92.41	359.60	9,654.5	-42.4	292.5	-35.9	0.00	0.00	0.00
10,400.0	92.41	359.60	9,650.3	57.5	291.8	64.0	0.00	0.00	0.00
10,500.0	92.41	359.60	9,646.1	157.5	291.1	163.8	0.00	0.00	0.00
10,600.0	92.41	359.60	9,641.9	257.4	290.4	263.7	0.00	0.00	0.00
10,700.0	92.41	359.60	9,637.7	357.3	289.7	363.6	0.00	0.00	0.00
10,800.0	92.41	359.60	9,633.5	457.2	289.0	463.4	0.00	0.00	0.00
10,900.0	92.41	359.60	9,629.3	557.1	288.3	563.3	0.00	0.00	0.00
11,000.0	92.41	359.60	9,625.1	657.0	287.6	663.2	0.00	0.00	0.00
11,100.0	92.41	359.60	9,620.9	756.9	286.9	763.0	0.00	0.00	0.00
11,200.0	92.41	359.60	9,616.7	856.8	286.2	862.9	0.00	0.00	0.00
11,270.6	92.41	359.60	9,613.7	927.4	285.7	933.5	0.00	0.00	0.00
<b>PPP2: 1320' FSL &amp; 660' FEL (Sec 23)</b>									
11,300.0	92.41	359.60	9,612.5	956.7	285.5	962.8	0.00	0.00	0.00
11,400.0	92.41	359.60	9,608.3	1,056.6	284.8	1,062.7	0.00	0.00	0.00
11,500.0	92.41	359.60	9,604.1	1,156.5	284.1	1,162.5	0.00	0.00	0.00
11,600.0	92.41	359.60	9,599.9	1,256.5	283.4	1,262.4	0.00	0.00	0.00
11,700.0	92.41	359.60	9,595.6	1,356.4	282.7	1,362.3	0.00	0.00	0.00
11,800.0	92.41	359.60	9,591.4	1,456.3	282.0	1,462.1	0.00	0.00	0.00
11,900.0	92.41	359.60	9,587.2	1,556.2	281.3	1,562.0	0.00	0.00	0.00
12,000.0	92.41	359.60	9,583.0	1,656.1	280.6	1,661.9	0.00	0.00	0.00
12,100.0	92.41	359.60	9,578.8	1,756.0	279.9	1,761.7	0.00	0.00	0.00
12,200.0	92.41	359.60	9,574.6	1,855.9	279.2	1,861.6	0.00	0.00	0.00
12,300.0	92.41	359.60	9,570.4	1,955.8	278.5	1,961.5	0.00	0.00	0.00
12,400.0	92.41	359.60	9,566.2	2,055.7	277.8	2,061.3	0.00	0.00	0.00
12,500.0	92.41	359.60	9,562.0	2,155.6	277.1	2,161.2	0.00	0.00	0.00
12,600.0	92.41	359.60	9,557.8	2,255.5	276.4	2,261.1	0.00	0.00	0.00
12,700.0	92.41	359.60	9,553.6	2,355.5	275.7	2,361.0	0.00	0.00	0.00
12,800.0	92.41	359.60	9,549.4	2,455.4	275.0	2,460.8	0.00	0.00	0.00
12,900.0	92.41	359.60	9,545.2	2,555.3	274.3	2,560.7	0.00	0.00	0.00
13,000.0	92.41	359.60	9,541.0	2,655.2	273.6	2,660.6	0.00	0.00	0.00
13,100.0	92.41	359.60	9,536.8	2,755.1	272.9	2,760.4	0.00	0.00	0.00
13,200.0	92.41	359.60	9,532.6	2,855.0	272.2	2,860.3	0.00	0.00	0.00
13,300.0	92.41	359.60	9,528.4	2,954.9	271.5	2,960.2	0.00	0.00	0.00
13,400.0	92.41	359.60	9,524.1	3,054.8	270.8	3,060.0	0.00	0.00	0.00
13,500.0	92.41	359.60	9,519.9	3,154.7	270.1	3,159.9	0.00	0.00	0.00
13,600.0	92.41	359.60	9,515.7	3,254.6	269.4	3,259.8	0.00	0.00	0.00
13,700.0	92.41	359.60	9,511.5	3,354.5	268.7	3,359.7	0.00	0.00	0.00
13,800.0	92.41	359.60	9,507.3	3,454.5	268.1	3,459.5	0.00	0.00	0.00
13,900.0	92.41	359.60	9,503.1	3,554.4	267.4	3,559.4	0.00	0.00	0.00
14,000.0	92.41	359.60	9,498.9	3,654.3	266.7	3,659.3	0.00	0.00	0.00

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Stone Cold 23/14 B2PA Fed Com#1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Project:</b>	Lea County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Site:</b>	Stone Cold 23/14 B2PA Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 26, T18S, R33E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 100' FNL & 660' FEL (Sec 14)		
<b>Design:</b>	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)	
14,100.0	92.41	359.60	9,494.7	3,754.2	266.0	3,759.1	0.00	0.00	0.00	
14,200.0	92.41	359.60	9,490.5	3,854.1	265.3	3,859.0	0.00	0.00	0.00	
14,300.0	92.41	359.60	9,486.3	3,954.0	264.6	3,958.9	0.00	0.00	0.00	
14,400.0	92.41	359.60	9,482.1	4,053.9	263.9	4,058.7	0.00	0.00	0.00	
14,500.0	92.41	359.60	9,477.9	4,153.8	263.2	4,158.6	0.00	0.00	0.00	
14,600.0	92.41	359.60	9,473.7	4,253.7	262.5	4,258.5	0.00	0.00	0.00	
14,700.0	92.41	359.60	9,469.5	4,353.6	261.8	4,358.3	0.00	0.00	0.00	
14,800.0	92.41	359.60	9,465.3	4,453.5	261.1	4,458.2	0.00	0.00	0.00	
14,900.0	92.41	359.60	9,461.1	4,553.5	260.4	4,558.1	0.00	0.00	0.00	
15,000.0	92.41	359.60	9,456.9	4,653.4	259.7	4,658.0	0.00	0.00	0.00	
15,100.0	92.41	359.60	9,452.6	4,753.3	259.0	4,757.8	0.00	0.00	0.00	
15,200.0	92.41	359.60	9,448.4	4,853.2	258.3	4,857.7	0.00	0.00	0.00	
15,300.0	92.41	359.60	9,444.2	4,953.1	257.6	4,957.6	0.00	0.00	0.00	
15,400.0	92.41	359.60	9,440.0	5,053.0	256.9	5,057.4	0.00	0.00	0.00	
15,500.0	92.41	359.60	9,435.8	5,152.9	256.2	5,157.3	0.00	0.00	0.00	
15,600.0	92.41	359.60	9,431.6	5,252.8	255.5	5,257.2	0.00	0.00	0.00	
15,700.0	92.41	359.60	9,427.4	5,352.7	254.8	5,357.0	0.00	0.00	0.00	
15,800.0	92.41	359.60	9,423.2	5,452.6	254.1	5,456.9	0.00	0.00	0.00	
15,900.0	92.41	359.60	9,419.0	5,552.5	253.4	5,556.8	0.00	0.00	0.00	
16,000.0	92.41	359.60	9,414.8	5,652.5	252.7	5,656.6	0.00	0.00	0.00	
16,100.0	92.41	359.60	9,410.6	5,752.4	252.0	5,756.5	0.00	0.00	0.00	
16,200.0	92.41	359.60	9,406.4	5,852.3	251.3	5,856.4	0.00	0.00	0.00	
16,300.0	92.41	359.60	9,402.2	5,952.2	250.6	5,956.3	0.00	0.00	0.00	
16,400.0	92.41	359.60	9,398.0	6,052.1	249.9	6,056.1	0.00	0.00	0.00	
16,500.0	92.41	359.60	9,393.8	6,152.0	249.2	6,156.0	0.00	0.00	0.00	
16,555.1	92.41	359.60	9,391.5	6,207.0	248.8	6,211.0	0.00	0.00	0.00	
<b>PPP3: 1320' FSL &amp; 660' FEL (Sec 14)</b>										
16,600.0	92.41	359.60	9,389.6	6,251.9	248.5	6,255.9	0.00	0.00	0.00	
16,700.0	92.41	359.60	9,385.4	6,351.8	247.8	6,355.7	0.00	0.00	0.00	
16,800.0	92.41	359.60	9,381.1	6,451.7	247.1	6,455.6	0.00	0.00	0.00	
16,900.0	92.41	359.60	9,376.9	6,551.6	246.4	6,555.5	0.00	0.00	0.00	
17,000.0	92.41	359.60	9,372.7	6,651.5	245.7	6,655.3	0.00	0.00	0.00	
17,100.0	92.41	359.60	9,368.5	6,751.5	245.0	6,755.2	0.00	0.00	0.00	
17,200.0	92.41	359.60	9,364.3	6,851.4	244.3	6,855.1	0.00	0.00	0.00	
17,300.0	92.41	359.60	9,360.1	6,951.3	243.6	6,955.0	0.00	0.00	0.00	
17,400.0	92.41	359.60	9,355.9	7,051.2	242.9	7,054.8	0.00	0.00	0.00	
17,500.0	92.41	359.60	9,351.7	7,151.1	242.2	7,154.7	0.00	0.00	0.00	
17,600.0	92.41	359.60	9,347.5	7,251.0	241.5	7,254.6	0.00	0.00	0.00	
17,700.0	92.41	359.60	9,343.3	7,350.9	240.8	7,354.4	0.00	0.00	0.00	
17,800.0	92.41	359.60	9,339.1	7,450.8	240.1	7,454.3	0.00	0.00	0.00	
17,900.0	92.41	359.60	9,334.9	7,550.7	239.4	7,554.2	0.00	0.00	0.00	
18,000.0	92.41	359.60	9,330.7	7,650.6	238.7	7,654.0	0.00	0.00	0.00	
18,100.0	92.41	359.60	9,326.5	7,750.5	238.0	7,753.9	0.00	0.00	0.00	
18,200.0	92.41	359.60	9,322.3	7,850.5	237.3	7,853.8	0.00	0.00	0.00	
18,300.0	92.41	359.60	9,318.1	7,950.4	236.6	7,953.6	0.00	0.00	0.00	
18,400.0	92.41	359.60	9,313.9	8,050.3	235.9	8,053.5	0.00	0.00	0.00	
18,500.0	92.41	359.60	9,309.7	8,150.2	235.2	8,153.4	0.00	0.00	0.00	
18,600.0	92.41	359.60	9,305.4	8,250.1	234.5	8,253.3	0.00	0.00	0.00	
18,700.0	92.41	359.60	9,301.2	8,350.0	233.8	8,353.1	0.00	0.00	0.00	
18,800.0	92.41	359.60	9,297.0	8,449.9	233.1	8,453.0	0.00	0.00	0.00	
18,900.0	92.41	359.60	9,292.8	8,549.8	232.4	8,552.9	0.00	0.00	0.00	
19,000.0	92.41	359.60	9,288.6	8,649.7	231.7	8,652.7	0.00	0.00	0.00	
19,100.0	92.41	359.60	9,284.4	8,749.6	231.0	8,752.6	0.00	0.00	0.00	
19,200.0	92.41	359.60	9,280.2	8,849.5	230.3	8,852.5	0.00	0.00	0.00	

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Stone Cold 23/14 B2PA Fed Com#1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Project:</b>	Lea County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3874.0usft (Original Well Elev)
<b>Site:</b>	Stone Cold 23/14 B2PA Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 26, T18S, R33E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 100' FNL & 660' FEL (Sec 14)		
<b>Design:</b>	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)
19,300.0	92.41	359.60	9,276.0	8,949.5	229.6	8,952.3	0.00	0.00	0.00
19,400.0	92.41	359.60	9,271.8	9,049.4	228.9	9,052.2	0.00	0.00	0.00
19,500.0	92.41	359.60	9,267.6	9,149.3	228.2	9,152.1	0.00	0.00	0.00
19,600.0	92.41	359.60	9,263.4	9,249.2	227.5	9,251.9	0.00	0.00	0.00
19,700.0	92.41	359.60	9,259.2	9,349.1	226.9	9,351.8	0.00	0.00	0.00
19,800.0	92.41	359.60	9,255.0	9,449.0	226.2	9,451.7	0.00	0.00	0.00
19,900.0	92.41	359.60	9,250.8	9,548.9	225.5	9,551.6	0.00	0.00	0.00
20,000.0	92.41	359.60	9,246.6	9,648.8	224.8	9,651.4	0.00	0.00	0.00
20,100.0	92.41	359.60	9,242.4	9,748.7	224.1	9,751.3	0.00	0.00	0.00
20,200.0	92.41	359.60	9,238.2	9,848.6	223.4	9,851.2	0.00	0.00	0.00
20,300.0	92.41	359.60	9,233.9	9,948.5	222.7	9,951.0	0.00	0.00	0.00
20,400.0	92.41	359.60	9,229.7	10,048.5	222.0	10,050.9	0.00	0.00	0.00
20,417.6	92.41	359.60	9,229.0	10,066.1	221.8	10,068.5	0.00	0.00	0.00
<b>BHL: 100' FNL &amp; 660' FEL (Sec 14)</b>									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL: 400' FNL & 950' - plan hits target center - Point	0.00	0.01	0.0	0.0	0.0	628,932.24	758,173.26	32.7269910	-103.6282234
KOP: 473' FNL & 660' - plan hits target center - Point	0.00	0.00	9,091.0	-865.0	298.2	628,067.23	758,471.50	32.7246081	-103.6272724
BHL: 100' FNL & 660' - plan hits target center - Point	0.00	0.00	9,229.0	10,066.1	221.8	638,998.30	758,395.10	32.7546532	-103.6272839
PPP3: 1320' FSL & 660' - plan hits target center - Point	0.00	0.00	9,391.5	6,207.0	248.8	635,139.26	758,422.07	32.7440463	-103.6272798
PPP2: 1320' FSL & 660' - plan hits target center - Point	0.00	0.00	9,613.7	927.4	285.7	629,859.64	758,458.97	32.7295347	-103.6272743
FTP/LP: 100' FSL & 660' - plan hits target center - Point	0.00	0.00	9,664.0	-315.6	294.4	628,616.60	758,467.66	32.7261181	-103.6272729



# Mewbourne Oil Company

## Sundry Request:

Mewbourne Oil Company request that the following change be made to the Stone Cold 23/14 Fed Com #528H (API #30-025-54576):

1. Request to skid original wellbore, Stone Cold 23/14 Fed Com #528H f/ 400' FNL & 870' FEL, Sec 26, T18S R33E, Lea Co., NM to 400' FNL & 950' FEL, Sec 26, T18S R33E, Lea Co., NM.
2. Attached is updated C-102, Drilling Program, Dir Plan corresponding w/ new SHL
3. Reference Sundry ID #2854547 for P&A of Stone Cold 23/14 Fed Com #528Y (Name Change Sundry ID #2854545).

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting
	Submittal Type:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>13160</b>	Pool Name <b>CORBIN; BONE SPRING, SOUTH</b>
Property Code	Property Name <b>STONE COLD 23/14 FED COM</b>	Well Number <b>528H</b>
OGRID No. <b>14744</b>	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Ground Level Elevation <b>3846'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>A</b>	<b>26</b>	<b>18S</b>	<b>33E</b>		<b>400' FNL</b>	<b>950' FEL</b>	<b>32.7269910</b>	<b>-103.628223</b>	<b>LEA</b>

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>B</b>	<b>14</b>	<b>18S</b>	<b>33E</b>		<b>100' FNL</b>	<b>660' FEL</b>	<b>32.7546533</b>	<b>-103.627284</b>	<b>LEA</b>

Dedicated Acres <b>160</b>	Infill or Defining Well <b>DEFINING</b>	Defining Well API	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>B</b>	<b>26</b>	<b>18S</b>	<b>33E</b>		<b>473' FNL</b>	<b>660' FEL</b>	<b>32.7246084</b>	<b>-103.627272</b>	<b>LEA</b>

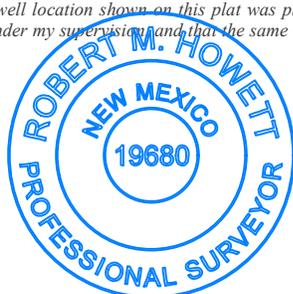
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>O</b>	<b>23</b>	<b>18S</b>	<b>33E</b>		<b>100' FSL</b>	<b>660' FEL</b>	<b>32.7261830</b>	<b>-103.627273</b>	<b>LEA</b>

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>B</b>	<b>14</b>	<b>18S</b>	<b>33E</b>		<b>100' FNL</b>	<b>660' FEL</b>	<b>32.7546533</b>	<b>-103.627284</b>	<b>LEA</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3873'</b>
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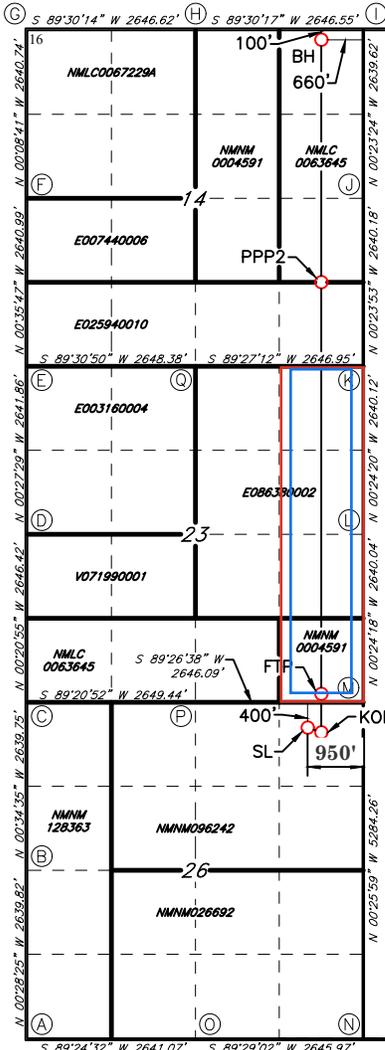
<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the 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.</i></p> <p><i>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.</i></p> <p><u>John Smith</u>                      04/03/2025                  Signature                                      Date</p> <p><b>John Smith</b>                  Printed Name</p> <p><u>john.smith@mewbourne.com</u>                  Email Address</p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>_____                  Signature and Seal of Professional Surveyor</p> <p><u>Robert M. Howett</u>                  Certificate Number                      Date of Survey</p> <p><b>19680</b></p>
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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.

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 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.

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	
<b>SURFACE LOCATION (SL)</b>	<b>PROPOSED PENETRATION POINT 2 (PPP2)</b>
N: 628138.3 - E: 758261.2	1320' FSL - 660' FEL SEC.14
LAT: 32.7248073° N	N: 635139.2 - E: 758422.0
LONG: 103.6279547° W	LAT: 32.7440461° N
	LONG: 103.6272799° W
<b>KICK OFF POINT (KOP)</b>	<b>BOTTOM HOLE (BH)</b>
473' FNL - 660' FEL SEC.26	N: 638998.3 - E: 758395.1
N: 628067.3 - E: 758471.7	LAT: 32.7546533° N
LAT: 32.7246084° N	LONG: 103.6272838° W
LONG: 103.6272718° W	
<b>FIRST TAKE POINT (FTP)</b>	
100' FSL - 660' FEL SEC.23	
N: 628640.2 - E: 758467.4	
LAT: 32.7261830° N	
LONG: 103.6272733° W	
CORNER DATA	
NAD 83 GRID - NM EAST	
A: FOUND BRASS CAP "1913"	J: FOUND BRASS CAP "1913"
N: 623212.6 - E: 753882.2	N: 636465.0 - E: 759072.2
B: FOUND BRASS CAP "1913"	K: FOUND BRASS CAP "1913"
N: 625851.8 - E: 753860.4	N: 633825.5 - E: 759090.6
C: FOUND BRASS CAP "1913"	L: FOUND 1" PIPE
N: 628490.8 - E: 753833.8	N: 631186.0 - E: 759109.3
D: FOUND BRASS CAP "1913"	M: FOUND BRASS CAP "1913"
N: 631136.6 - E: 753817.7	N: 628546.6 - E: 759127.9
E: FOUND BRASS CAP "1913"	N: FOUND BRASS CAP "1913"
N: 633777.8 - E: 753796.6	N: 623263.7 - E: 759167.8
F: FOUND BRASS CAP "1913"	O: FOUND BRASS CAP "1913"
N: 636418.1 - E: 753769.1	N: 623239.9 - E: 756522.6
G: FOUND BRASS CAP "1913"	P: FOUND BRASS CAP "1913"
N: 639058.2 - E: 753762.5	N: 628521.0 - E: 756482.5
H: FOUND 1/2" REBAR	Q: FOUND BRASS CAP "1913"
N: 639081.1 - E: 756408.4	N: 633800.3 - E: 756444.3
I: FOUND BRASS CAP "1913"	
N: 639104.0 - E: 759054.3	

**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *John Smith* Date: 04/03/2025  
Printed Name: John Smith  
E-mail Address: john.smith@mewbourne.com

**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.

07/05/2022  
Date of Survey

Signature and Seal of Professional Surveyor: *Robert M. Howett*

19680  
Certificate Number

REV: ADD WELL CALLS - 07/25/2024

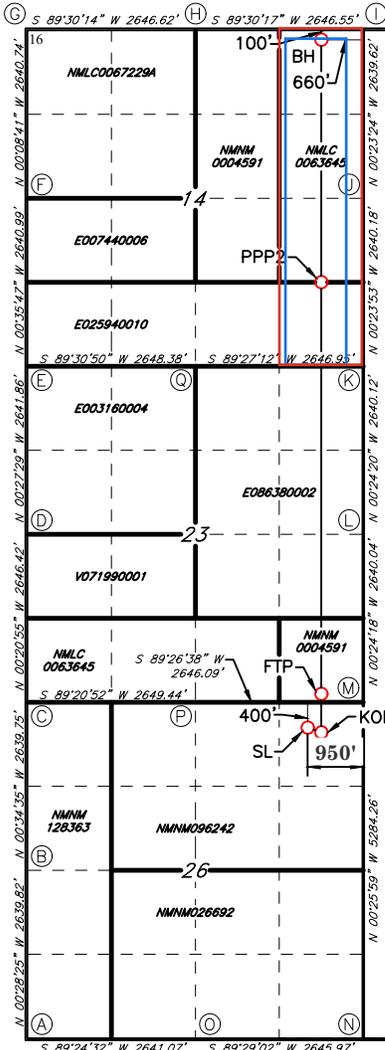
JOB No: LS21070748D



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**GEODETIC DATA**  
NAD 83 GRID - NM EAST

**SURFACE LOCATION (SL)**  
N: 628138.3 - E: 758261.2

**PROPOSED PENETRATION POINT 2 (PPP2)**  
1320' FSL - 660' FEL SEC.14  
N: 635139.2 - E: 758422.0

LAT: 32.7248073° N  
LONG: 103.6279547° W

LAT: 32.7440461° N  
LONG: 103.6272799° W

**KICK OFF POINT (KOP)**  
473' FNL - 660' FEL SEC.26  
N: 628067.3 - E: 758471.7

**BOTTOM HOLE (BH)**  
N: 638998.3 - E: 758395.1

LAT: 32.7246084° N  
LONG: 103.6272718° W

LAT: 32.7546533° N  
LONG: 103.6272838° W

**FIRST TAKE POINT (FTP)**  
100' FSL - 660' FEL SEC.23  
N: 628640.2 - E: 758467.4

LAT: 32.7261830° N  
LONG: 103.6272733° W

**CORNER DATA**  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1913" N: 623212.6 - E: 753882.2  
J: FOUND BRASS CAP "1913" N: 636465.0 - E: 759072.2  
B: FOUND BRASS CAP "1913" N: 625851.8 - E: 753860.4  
K: FOUND BRASS CAP "1913" N: 633825.5 - E: 759090.6  
C: FOUND BRASS CAP "1913" N: 628490.8 - E: 753833.8  
L: FOUND 1" PIPE N: 631186.0 - E: 759109.3  
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*John Smith* 04/03/2025  
Signature Date  
John Smith  
Printed Name  
john.smith@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.

07/05/2022  
Date of Survey

Signature and Seal of Professional Surveyor:  
  
19680  
Certificate Number

REV: ADD WELL CALLS - 07/25/2024

JOB No: LS21070748D

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 466997

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 466997
	Action Type: [IM-SD] Well File Support Doc (ENG) (IM-AWF)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclure	All COAs on the original APD for the 30-025-54576 STONE COLD 23 14 B2PA FED COM #001H are in effect for the skidded well.	5/23/2025
dmcclure	Mewbourne shall submit the BLM approved sundries to the Division no later than 24 hours after the BLM has provided written approval. If the BLM has not provided written approval by 5/30/2025, then on that date, Mewbourne shall provide an update to the Division via email to OCD.Engineer@emnrd.nm.gov and CC Ward Rikala, Matthew Gomez, and Gilbert Cordero.	5/23/2025