

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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-015-53394
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Forty Niner Ridge Unit
8. Well Number 173H
9. OGRID Number 14744
10. Pool name or Wildcat Forty Niner Ridge/Purple Sage Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3278' GL

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Mewbourne Oil Company	
3. Address of Operator P.O. Box 5720 Hobbs, NM 88241	
4. Well Location Unit Letter <u>C</u> : <u>100</u> feet from the <u>North</u> line and <u>1425</u> feet from the <u>West</u> line Section <u>27</u> Township <u>23S</u> Range <u>30E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3278' GL	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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

Mewbourne Oil Company requests that the following changes be made to the Forty Niner Ridge Unit #173H

1. BHL change f/ 20' FNL & 1355' FWL (15) to 20' FNL & 1590' FWL (15)
2. BHL changed on attached C-102.
3. Change SHL from "100' FNL & 1660' FWL (Sec 27, T23S, R30E)" to "100' FNL & 1425' FWL

Please see attached drilling plan and other documentation referring to design changes and data that corresponds to said procedural alterations.

Spud Date:

10/8/2023

Rig Release Date:

10/31/2023

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

SIGNATURE Benjamin Davis TITLE Petroleum Engineer DATE 6/21/2023

Type or print name Benjamin Davis E-mail address: bdavis@mewbourne.com PHONE: 580-574-3250

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-53394</b>		<sup>2</sup> Pool Code <b>98220</b>		<sup>3</sup> Pool Name <b>PURPLE SAGE WOLFCAMP</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>FORTY NINER RIDGE UNIT</b>			<sup>6</sup> Well Number <b>173H</b>
<sup>7</sup> OGRID NO. <b>14744</b>		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3278'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>C</b>	<b>27</b>	<b>23S</b>	<b>30E</b>		<b>100</b>	<b>NORTH</b>	<b>1425</b>	<b>WEST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>C</b>	<b>15</b>	<b>23S</b>	<b>30E</b>		<b>20</b>	<b>NORTH</b>	<b>1590</b>	<b>WEST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>640</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p><b>Project Area</b> →</p> <p><b>Producing Area</b> →</p> <p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b> N: 466964.5 - E: 683852.7 LAT: 32.2829175° N LONG: 103.8721696° W</p> <p><b>BOTTOM HOLE</b> N: 477635.7 - E: 683711.4 LAT: 32.3122519° N LONG: 103.8724786° W</p> <p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1942" N: 461758.2 - E: 682200.1</p> <p>B: FOUND BRASS CAP "1942" N: 464404.8 - E: 682185.2</p> <p>C: FOUND BRASS CAP "1942" N: 467055.4 - E: 682172.6</p> <p>D: FOUND BRASS CAP "1942" N: 469704.3 - E: 682151.4</p> <p>E: FOUND BRASS CAP "1942" N: 472352.8 - E: 682132.3</p> <p>F: FOUND BRASS CAP "1942" N: 475001.9 - E: 682127.2</p> <p>G: FOUND BRASS CAP "1942" N: 477649.8 - E: 682121.7</p> <p>H: FOUND BRASS CAP "1942" N: 477659.7 - E: 684797.6</p> <p>I: FOUND BRASS CAP "1942" N: 477668.6 - E: 687475.8</p> <p>J: FOUND BRASS CAP "1942" N: 475023.4 - E: 687478.1</p> <p>K: FOUND BRASS CAP "1942" N: 472376.5 - E: 687479.5</p> <p>L: FOUND BRASS CAP "1942" N: 469732.1 - E: 687504.4</p> <p>M: FOUND BRASS CAP "1942" N: 467084.8 - E: 687530.3</p> <p>N: FOUND BRASS CAP "1942" N: 464438.9 - E: 687539.5</p> <p>O: FOUND BRASS CAP "1942" N: 461793.6 - E: 687549.5</p> <p>P: FOUND BRASS CAP "1942" N: 461774.6 - E: 684874.6</p> <p>Q: FOUND BRASS CAP "1942" N: 467070.0 - E: 684851.5</p> <p>R: FOUND BRASS CAP "1942" N: 472364.0 - E: 684804.5</p>		<p><b>17 OPERATOR CERTIFICATION</b> 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.</p> <p><i>Ryan McDaniel</i> 5-15-23 Signature Date</p> <p><b>Ryan McDaniel</b> Printed Name</p> <p><b>RyanMcDaniel@mewbourne.com</b> E-mail Address</p>	
<p><b>18 SURVEYOR CERTIFICATION</b> 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.</p> <p><b>5-17-2021</b> Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><b>19680</b> Certificate Number</p> <p>REV: BH MOVE 4/26/23</p>		<p><b>16</b></p> <p><b>Project Area</b> →</p> <p><b>Producing Area</b> →</p> <p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b> N: 466964.5 - E: 683852.7 LAT: 32.2829175° N LONG: 103.8721696° W</p> <p><b>BOTTOM HOLE</b> N: 477635.7 - E: 683711.4 LAT: 32.3122519° N LONG: 103.8724786° W</p> <p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1942" N: 461758.2 - E: 682200.1</p> <p>B: FOUND BRASS CAP "1942" N: 464404.8 - E: 682185.2</p> <p>C: FOUND BRASS CAP "1942" N: 467055.4 - E: 682172.6</p> <p>D: FOUND BRASS CAP "1942" N: 469704.3 - E: 682151.4</p> <p>E: FOUND BRASS CAP "1942" N: 472352.8 - E: 682132.3</p> <p>F: FOUND BRASS CAP "1942" N: 475001.9 - E: 682127.2</p> <p>G: FOUND BRASS CAP "1942" N: 477649.8 - E: 682121.7</p> <p>H: FOUND BRASS CAP "1942" N: 477659.7 - E: 684797.6</p> <p>I: FOUND BRASS CAP "1942" N: 477668.6 - E: 687475.8</p> <p>J: FOUND BRASS CAP "1942" N: 475023.4 - E: 687478.1</p> <p>K: FOUND BRASS CAP "1942" N: 472376.5 - E: 687479.5</p> <p>L: FOUND BRASS CAP "1942" N: 469732.1 - E: 687504.4</p> <p>M: FOUND BRASS CAP "1942" N: 467084.8 - E: 687530.3</p> <p>N: FOUND BRASS CAP "1942" N: 464438.9 - E: 687539.5</p> <p>O: FOUND BRASS CAP "1942" N: 461793.6 - E: 687549.5</p> <p>P: FOUND BRASS CAP "1942" N: 461774.6 - E: 684874.6</p> <p>Q: FOUND BRASS CAP "1942" N: 467070.0 - E: 684851.5</p> <p>R: FOUND BRASS CAP "1942" N: 472364.0 - E: 684804.5</p>	

Job No: LS21050478R1

<b>Well Name:</b> FORTY NINER RIDGE UNIT	<b>Well Location:</b> T23S / R30E / SEC 27 / NENW /	<b>County or Parish/State:</b>
<b>Well Number:</b> 173H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0531277	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM070951X
<b>US Well Number:</b> 3001553394	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> MEWBOURNE OIL COMPANY

Notice of Intent

**Sundry ID:** 2731692

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 05/19/2023

**Time Sundry Submitted:** 08:45

**Date proposed operation will begin:** 05/25/2023

**Procedure Description:** Mewbourne Oil Company requests to make the following change to the approved APD: 1). Change SHL from "100' FNL & 1660' FWL (Sec 27, T23S, R30E)" to "100' FNL & 1425' FWL (Sec 27, T23S, R30E)". Please see attached C102

NOI Attachments

Procedure Description

Forty\_Niner\_Ridge\_Unit\_173H\_C102\_20230519084443.pdf

<b>Well Name:</b> FORTY NINER RIDGE UNIT	<b>Well Location:</b> T23S / R30E / SEC 27 / NENW /	<b>County or Parish/State:</b>
<b>Well Number:</b> 173H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0531277	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM070951X
<b>US Well Number:</b> 3001553394	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> 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:** GAGE OWEN

**Signed on:** MAY 19, 2023 08:44 AM

**Name:** MEWBOURNE OIL COMPANY

**Title:** Title Engineer

**Street Address:** 4801 BUSINESS PARK BLVD.

**City:** HOBBS

**State:** NM

**Phone:** (575) 552-6224

**Email address:** GOWEN@MEWBOURNE.COM

Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

BLM Point of Contact

**BLM POC Name:** CODY LAYTON

**BLM POC Title:** Assistant Field Manager Lands & Minerals

**BLM POC Phone:** 5752345959

**BLM POC Email Address:** clayton@blm.gov

**Disposition:** Approved

**Disposition Date:** 05/25/2023

**Signature:** Cody R. Layton

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 recompleate 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 perfonned 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 detennined 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: NENW / 100 FNL / 1680 FWL / TWSP: 23S / RANGE: 30E / SECTION: 27 / LAT: 32.2829175 / LONG: -103.8721696 ( TVD: 0 feet, MD: 0 feet )

PPP: NENW / 1323 FNL / 1355 FWL / TWSP: 23S / RANGE: 30E / SECTION: 15 / LAT: 32.3086601 / LONG: -103.8732358 ( TVD: 11300 feet, MD: 20595 feet )

PPP: SENW / 2646 FNL / 1355 FWL / TWSP: 23S / RANGE: 30E / SECTION: 15 / LAT: 32.3050237 / LONG: -103.8732336 ( TVD: 11304 feet, MD: 19272 feet )

PPP: SESW / 0 FSL / 1355 FWL / TWSP: 23S / RANGE: 30E / SECTION: 15 / LAT: 32.2977461 / LONG: -103.8732291 ( TVD: 11312 feet, MD: 16625 feet )

PPP: SESW / 330 FSL / 1355 FWL / TWSP: 23S / RANGE: 30E / SECTION: 22 / LAT: 32.2841033 / LONG: -103.8732206 ( TVD: 11326 feet, MD: 11661 feet )

BHL: NENW / 330 FNL / 1355 FWL / TWSP: 23S / RANGE: 30E / SECTION: 15 / LAT: 32.3114003 / LONG: -103.8732413 ( TVD: 11296 feet, MD: 21902 feet )

CONFIDENTIAL



## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>MEWBOURNE OIL COMPANY</b>
<b>LEASE NO.:</b>	<b>NMNM0531277</b>
<b>WELL NAME &amp; NO.:</b>	<b>FORTY NINER RIDGE UNIT 173H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>100'/N &amp; 1680'/W</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>20'/N &amp; 1590'/W</b>
<b>LOCATION:</b>	<b>Section 27, T.23 S., R.30 E., NMP</b>
<b>COUNTY:</b>	<b>EDDY County, New Mexico</b>

COA

H2S	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Potash	<input type="radio"/> None	<input type="radio"/> Secretary	<input checked="" type="radio"/> R-111-P
Cave/Karst Potential	<input type="radio"/> Low	<input checked="" type="radio"/> Medium	<input type="radio"/> High
Cave/Karst Potential	<input type="radio"/> Critical		
Variance	<input type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input checked="" type="checkbox"/> Unit

**All Previous COAs Still Apply.**

### A. CASING

#### Casing Design:

1. The **13-3/8** inch surface casing shall be set at approximately **425** feet (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **24 hours in the Potash Area** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours



after bringing cement to surface or 500 pounds compressive strength, whichever is greater.

- d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing which shall be set at approximately **3,725** feet is:
    - Cement to surface. If cement does not circulate see B.1.a, c-d above.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**
    - ❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
    - ❖ In Secretary Potash Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
    - ❖ In R111 Potash Areas if cement does not circulate to surface on the first two salt protection casing strings, the cement on the 3rd casing string must come to surface.
  3. The minimum required fill of cement behind the **7** inch production casing is:
    - Cement to surface. If cement does not circulate, contact the appropriate BLM office.  
**Excess cement calculates to -1%, additional cement might be required.**
  4. The minimum required fill of cement behind the **4-1/2** inch production liner is:
    - Cement should tie-back **100 feet** into the previous casing. Operator shall provide method of verification.

## **B. PRESSURE CONTROL**

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'

2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

### **C. SPECIAL REQUIREMENT (S)**

#### **Unit Wells**

The well sign for a unit well shall include the unit number in addition to the surface and bottom hole lease numbers. This also applies to participating area numbers. If a participating area has not been established, the operator can use the general unit designation, but will replace the unit number with the participating area number when the sign is replaced.

#### **Commercial Well Determination**

A commercial well determination shall be submitted after production has been established for at least six months. (This is not necessary for secondary recovery unit wells)

**OTA05222023**

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 230951

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 230951
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Original COA's still apply.	10/24/2023