# Sundry Print Report

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

COM

Well Name: JOURNEY 11/12 B2LI FED Well Location: T24S / R28E / SEC 11 / County or Parish/State:

NWSW /

Well Number: 1H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

Lease Number: NMNM027919 Unit or CA Name: JOURNEY 12 W2MP **Unit or CA Number:** 

FEE COM 2H

NMNM137071

**US Well Number: 3001549184** Well Status: Approved Application for Operator: MEWBOURNE OIL

COMPANY Permit to Drill

#### **Notice of Intent**

**Sundry ID: 2652260** 

Type of Submission: Notice of Intent Type of Action: Other

Date Sundry Submitted: 01/12/2022 Time Sundry Submitted: 02:35

Date proposed operation will begin: 01/13/2022

Procedure Description: Mewbourne Oil Co. requests approval to make the following changes to the approved APD: 1) Change well name from Journey 11/12 W0LI Fed Com #1H to Journey 11/12 B2LI Fed Com #1H. 2) Change target zone from Wolfcamp to Bone Spring and pool from Purple Sage Wolfcamp to Malaga; Bone Spring, North (42800). 3) Change BHL from 1340' FSL & 330' FEL, Sec 12, T24S, R28E to 2140' FSL & 100' FEL, Sec 12, T24S, R28E. 4) Change casing and cement design to fit new well depth as detailed in the attachment.

# **Surface Disturbance**

Is any additional surface disturbance proposed?: No

## **NOI Attachments**

## **Procedure Description**

Journey\_11\_12\_B2LI\_Fed\_Com\_1H\_Sundry\_20220112143425.doc

SES\_\_\_Journey\_11\_12\_B2LI\_FED\_COM\_1H\_\_\_Well\_Plan\_v2\_20220112143415.pdf

JOURNEY\_11\_12\_B2LI\_FED\_COM\_1H\_C\_102\_20220112143334.pdf

Page 2 of by OCD: 8/18/2022 11:34:07 AM Name: JOURNEY 11:12 B2LTFED Well Location: T24S / R28E / SEC 11 / County or Parish/State:

COM NWSW /

Type of Well: CONVENTIONAL GAS **Allottee or Tribe Name:** 

Lease Number: NMNM027919 Unit or CA Name: JOURNEY 12 W2MP **Unit or CA Number:** 

FEE COM 2H NMNM137071

**US Well Number: 3001549184** Operator: MEWBOURNE OIL Well Status: Approved Application for

> Permit to Drill **COMPANY**

# **Conditions of Approval**

#### **Specialist Review**

Well Number: 1H

JOURNEY 11 12 B2LI FED COM 1H Sundry 2652260 Drilling COA OTA 20220113093611.pdf

# **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: ANDY TAYLOR** Signed on: JAN 12, 2022 02:35 PM

Name: MEWBOURNE OIL COMPANY

Title: Engineer

Street Address: PO Box 5270

City: Hobbs State: NM

Phone: (575) 393-5905

Email address: Ataylor@mewbourne.com

#### **Field**

**Representative Name:** 

**Street Address:** 

City: State: Zip:

Phone:

**Email address:** 

## **BLM Point of Contact**

Signature: Olabode Thomas Ajibola

**BLM POC Name: AJIBOLA OLABODE BLM POC Title:** Engineer

**BLM POC Phone:** 5752342231 BLM POC Email Address: OAJIBOLAEIT@BLM.GOV

**Disposition:** Approved Disposition Date: 01/13/2022

Page 2 of 2

District 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe. NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

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

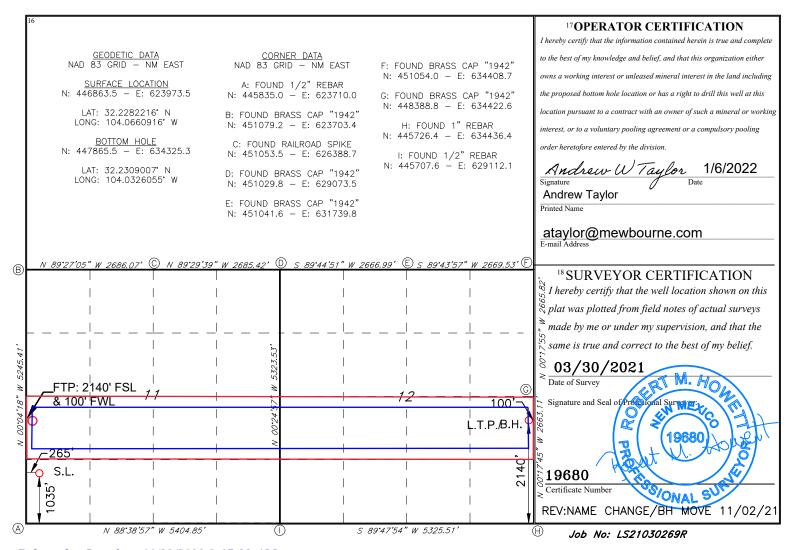
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

■ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

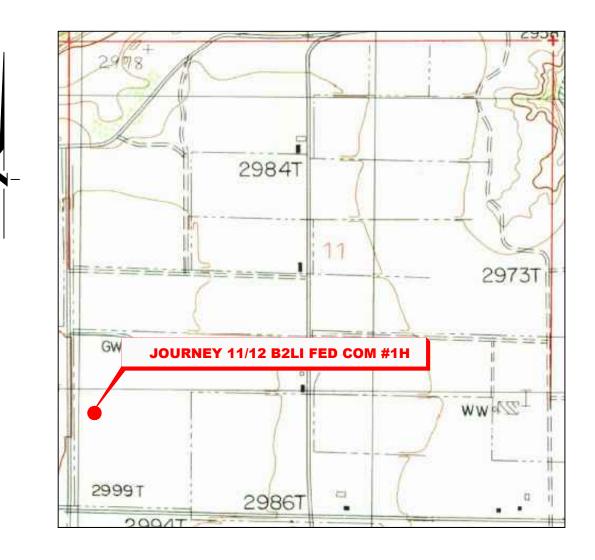
				<sup>2</sup> Pool Code <b>42800</b>		MALAGA; BONE SPRING, NORTH				
<sup>4</sup> Property Code <b>331859</b>				JOURNE		1 7				Well Number 1H
7 OGRID 1474			MEWE		Operator Name NE OIL COMPANY				<sup>9</sup> Elevation <b>2999'</b>	
	<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/We	st line	County
M	11	24S	28E		1035	SOUTH	265	WES	WEST ED	
			11 ]	Bottom H	lole Location	n If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
I	12	24S	28E		2140	SOUTH	100	EAS	ST	EDDY
12 Dedicated Acre	s 13 Joint	or Infill 14	Consolidation	Code 15 C	Order No.					
320										

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.



# LOCATION VERIFICATION MAP

NOT TO SCALE



SECTION 11, TWP. 24 SOUTH, RGE. 28 EAST, N. M. P. M., EDDY CO., NEW MEXICO

OPERATOR: Mewbourne Oil Company LOCATION: 1035' FSL & 265' FWL LEASE: Journey 11/12 B2LI Fed Com CONTOUR INTERVAL: 10'

WELL NO.: 1H

ELEVATION: 2999'

USGS TOPO. SOURCE MAP:

Malaga, NM (1985)

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NO. REVISION DATE JOB NO.: LS21030269R DWG. NO.: 21030269R-2

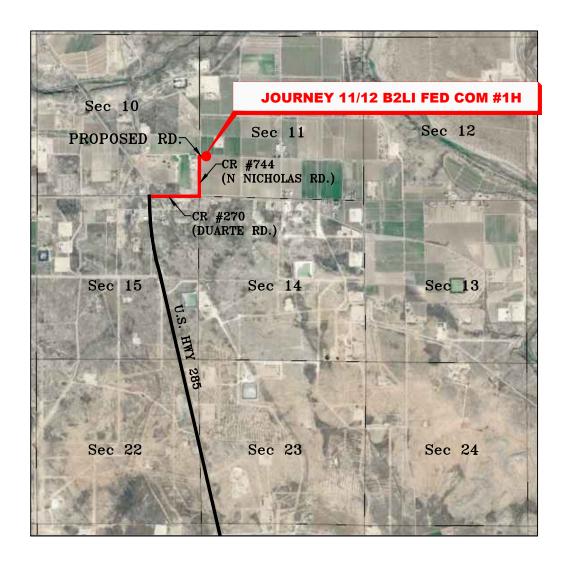


701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'DATE: 03/20/2021 SURVEYED BY: ML/JC DRAWN BY: RQ APPROVED BY: RMH SHEET: 1 OF 1

# VICINITY MAP

NOT TO SCALE



SECTION 11, TWP. 24 SOUTH, RGE. 28 EAST, N. M. P. M., EDDY CO., NEW MEXICO

OPERATOR: Mewbourne Oil Company LOCATION: 1035' FSL & 265' FWL

LEASE: Journey 11/12 B2LI Fed Com ELEVATION: 2999'

WELL NO.: 1H

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NO. REVISION DATE JOB NO.: LS21030269R DWG. NO.: 21030269R-3

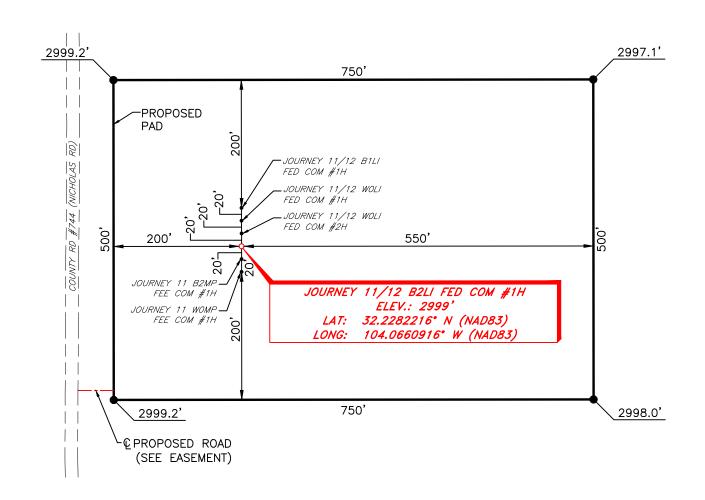


701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S. DATE: 03/30/2021 SURVEYED BY: ML/JC DRAWN BY: RQ APPROVED BY: RMH SHEET: 1 OF 1

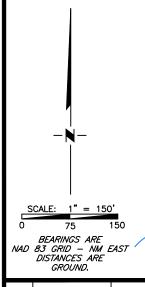
# MEWBOURNE OIL COMPANY JOURNEY 11/12 B2LI FED COM #1H (1035' FSL & 265' FWL) SECTION 11, T24S, R28E

N. M. P. M., EDDY CO., NEW MEXICO



#### <u>DIRECTIONS TO LOCATION</u>

From the intersection of U.S. Hwy 285 & CR #270 (Duarte Rd.); Go East on CR #270 approx. 0.3 miles to CR #277 (N Nicholas Rd.) road on left; Turn left and go North approx. 0.1 miles to proposed road on the right; Turn right and go East approx. 250 ft. to location on the left.



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

Housel Robert M. Howett NM PS 19680

NO. REVISION DATE JOB NO.: LS21030269R

DWG. NO.: 21030269R-4

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

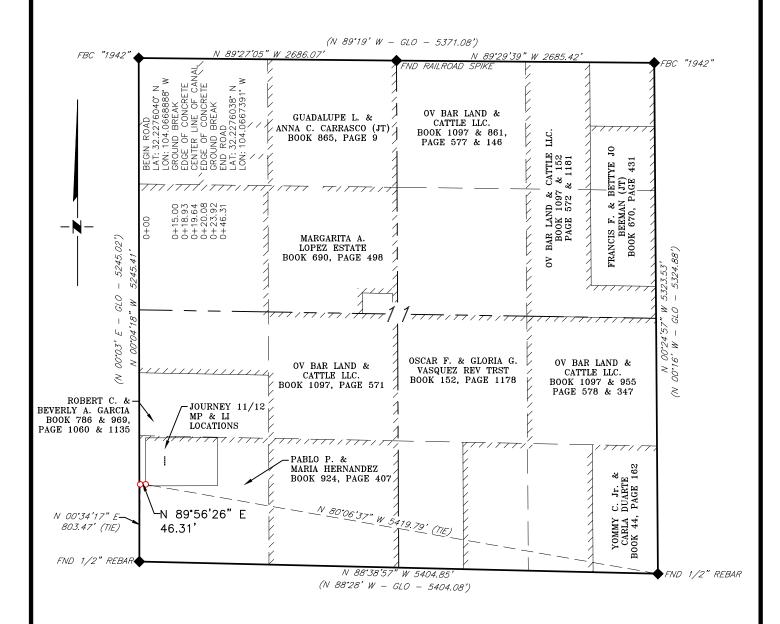
MEX 19680 SIONAL

SCALE: 1" = 150DATE: 03/30/2021 SURVEYED BY: ML/JC DRAWN BY: RQ APPROVED BY: RMH SHEET: 1 OF 1

# MEWBOURNE OIL COMPANY

PROPOSED ACCESS ROAD FOR THE JOURNEY 11/12 WELL LOCATIONS SECTION 11, T24S, R28E

N. M. P. M., EDDY COUNTY, NEW MEXICO



#### **DESCRIPTION**

A strip of land 30 feet wide, being 46.31 feet or 2.807 rods in length, lying in Section 11, Township 24 South, Range 28 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across the lands of Pablo P. & Maria Hernandez, according to a deed filed for record in Book 924, Page 407, of the Deed Records of Eddy County, New Mexico:

BEGINNING at Engr. Sta. 0+00, a point in the Southwest quarter of Section 11, which bears, N  $00^{\circ}34'17''$  E, 803.47 feet from a 1/2'' rebar, found for the Southwest corner of Section 11;

2.807 Rods

0.032 Acres

Thence N 89°56′26″ E, 46.31 feet, to Engr. Sta. 0+46.31, the End of Survey, a point in the Southwest quarter of Section 11, which bears, N 80°06′37″ W, 5,419.97 feet from a 1/2″ rebar, found for the Southeast corner of Section 11.

Said strip of land contains 0.032 acres, more or less, and is allocated by forties as follows:

SW 1/4 SW 1/4

SCALE: 1" = 1000' 0 500' 1000'

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

LEGEND

( ) RECORD DATA — GLO

FOUND MONUMENT
AS NOTED

PROPOSED ACCESS ROAD

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

88240

(575) 964-8200

Robert M. Howell NM PS 19680

NO. REVISION DATE
JOB NO.: LS21030186

NO.: 21030186-5

RRC

SCALE: 1" = 1000'

DATE: 03/26/2021

SURVEYED BY: ML/JC

DRAWN BY: RQ

APPROVED BY: RMH

SHEET: 1 OF 1

SS/ONAL

M. Hoh

Released to Imaging: 11/29/2022 8:17:22 AM

read to Imagine, 11/20/2022 9.17.22 AM

701 S. CECIL ST., HOBBS, NM

# Mewbourne Oil Company, Journey 11/12 B2LI Fed Com #1H Sec 11, T24S, R28E

SHL: 1035' FSL & 265' FEL (11) BHL: 2140' FSL & 100' FEL (12)

# **Casing Program**

Hole	Casing	Interval	Csg.	Weight	Grade	Conn.	SF	SF	SF Jt	SF Body
Size	From	To	Size	(lbs)			Collapse	Burst	Tension	Tension
17.5"	0'	425'	13.375"	48	H40	STC	3.96	8.90	15.78	26.52
12.25"	0'	2485'	9.625"	36	J55	LTC	1.56	2.72	5.06	6.30
8.75"	0'	7775'	7"	26	P110	LTC	2.02	2.57	3.43	4.22
6.125"	7575'	18,714'	4.5"	13.5	P110	LTC	2.42	2.82	2.25	2.81
				BLM Minimum Safety		1.125	1	1.6 Dry	1.6 Dry	
						Factor			1.8 Wet	1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Is casing API approved? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
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-P and SOPA?	N
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 well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

## Mewbourne Oil Company, Journey 11/12 B2LI Fed Com #1H Sec 11, T24S, R28E

SHL: 1035' FSL & 265' FEL (11) BHL: 2140' FSL & 100' FEL (12)

# **Cementing Program**

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H <sub>2</sub> 0 gal/ sk	500# Comp. Strength (hours)	Slurry Description
Surf.	155	12.5	2.12	11	10	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	6.3	8	Tail: Class C + Retarder
Inter.	355	12.5	2.12	11	10	Lead: Class C + Salt + Gel + Extender + LCM
	200	14.8	1.34	6.3	8	Tail: Class C + Retarder
Prod.	270	12.5	2.12	11	9	Lead: Class C + Salt + Gel + Extender + LCM
	400	15.6	1.18	5.2	10	Tail: Class H + Retarder + Fluid Loss + Defoamer
Liner	445	11.2	2.97	18	16	Class H + Salt + Gel + Fluid Loss + Retarder + Dispersant + Defoamer + Anti-Settling Agent

A copy of cement test will be available on location at time of cement job providing pump times & compressive strengths.

Casing String	TOC	% Excess
Surface	0'	100%
Intermediate	0'	25%
Production	2285'	25%
Liner	7575'	25%

#### **Mud Program**

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0'	425'	Spud Mud	8.6-8.8	28-34	N/C
425'	2485'	Brine	10.0	28-34	N/C
2485'	7775'	Cut Brine	8.6-9.7	28-34	N/C
7775'	18,714'	OBM	8.6-10.0	30-40	<10cc

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	Pason/PVT/Visual Monitoring
of fluid?	

# PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

**OPERATOR'S NAME:** | Mewbourne Oil Company

**LEASE NO.:** | NMNM027919

WELL NAME & NO.: JOURNEY 11-12 B2LI FED COM 1H

**SURFACE HOLE FOOTAGE:** 1035'/S & 265'/W **BOTTOM HOLE FOOTAGE** 2140'/S & 100'/E

**LOCATION:** | Section 11, T.24 S., R.28 E., NMP

**COUNTY:** Eddy County, New Mexico

COA

H2S	O Yes	• No	
Potash	None	Secretary	© R-111-P
Cave/Karst Potential	O Low	Medium	O High
Cave/Karst Potential	Critical		
Variance	O None	Flex Hose	Other
Wellhead	Conventional	• Multibowl	O Both
Other	☐4 String Area	☐ Capitan Reef	□WIPP
Other	☐ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	<b>☑</b> COM	□ 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 **8** hours 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 2,485 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.
- 3. The minimum required fill of cement behind the 7 inch production casing is:
  - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.
- 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 **3000** (**3M**) 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)

#### **Communitization Agreement**

- The operator will submit a Communitization Agreement to the Carlsbad Field Office, 620 E Greene St. Carlsbad, New Mexico 88220, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

#### OTA01132022

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

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 135472

#### **CONDITIONS**

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	135472
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

#### CONDITIONS

Created By	Condition	Condition Date
jagarcia	Adhere to previous COAs	11/29/2022