

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

5. Lease Serial No. NMNM027919

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator MEWBOURNE OIL COMPANY

3a. Address PO Box 5270, Hobbs, NM 88240

3b. Phone No. (include area code)
(575) 393-59054. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 11/T24S/R28E/NMP

7. If Unit of CA/Agreement, Name and/or No.

JOURNEY 12 W2MP FEE COM 2H/NMNM137071

8. Well Name and No. JOURNEY 11/12 WOLI FED COM/1H

9. API Well No. 3001549184

10. Field and Pool or Exploratory Area
PURPLE SAGE/ WOLFCAMP11. Country or Parish, State
EDDY/NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" 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.)

Mewbourne Oil Co. requests approval to make the following changes to the approved APD:

- 1) Change well name from Journey 11/12 WOLI 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.

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

ANDY TAYLOR / Ph: (575) 393-5905

Title Engineer

Signature

Date

01/12/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

AJIBOLA OLABODE / Ph: (575) 234-2231 / Approved

Title Engineer

Date 01/13/2022

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 CARLSBAD

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)

Additional Information

Location of Well

0. SHL: NWSW / 1035 FSL / 265 FWL / TWSP: 24S / RANGE: 28E / SECTION: 11 / LAT: 32.2282216 / LONG: -104.0660916 (TVD: 27 feet, MD: 27 feet)

PPP: NWSE / 1340 FSL / 2663 FEL / TWSP: 24S / RANGE: 28E / SECTION: 12 / LAT: 32.2287876 / LONG: -104.0408893 (TVD: 9752 feet, MD: 17464 feet)

PPP: NWSW / 1340 FSL / 330 FWL / TWSP: 24S / RANGE: 28E / SECTION: 11 / LAT: 32.229068 / LONG: -104.0658806 (TVD: 9581 feet, MD: 9731 feet)

BHL: NESE / 1340 FSL / 330 FEL / TWSP: 24S / RANGE: 28E / SECTION: 12 / LAT: 32.2287016 / LONG: -104.033343 (TVD: 9797 feet, MD: 19798 feet)

CONFIDENTIAL

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

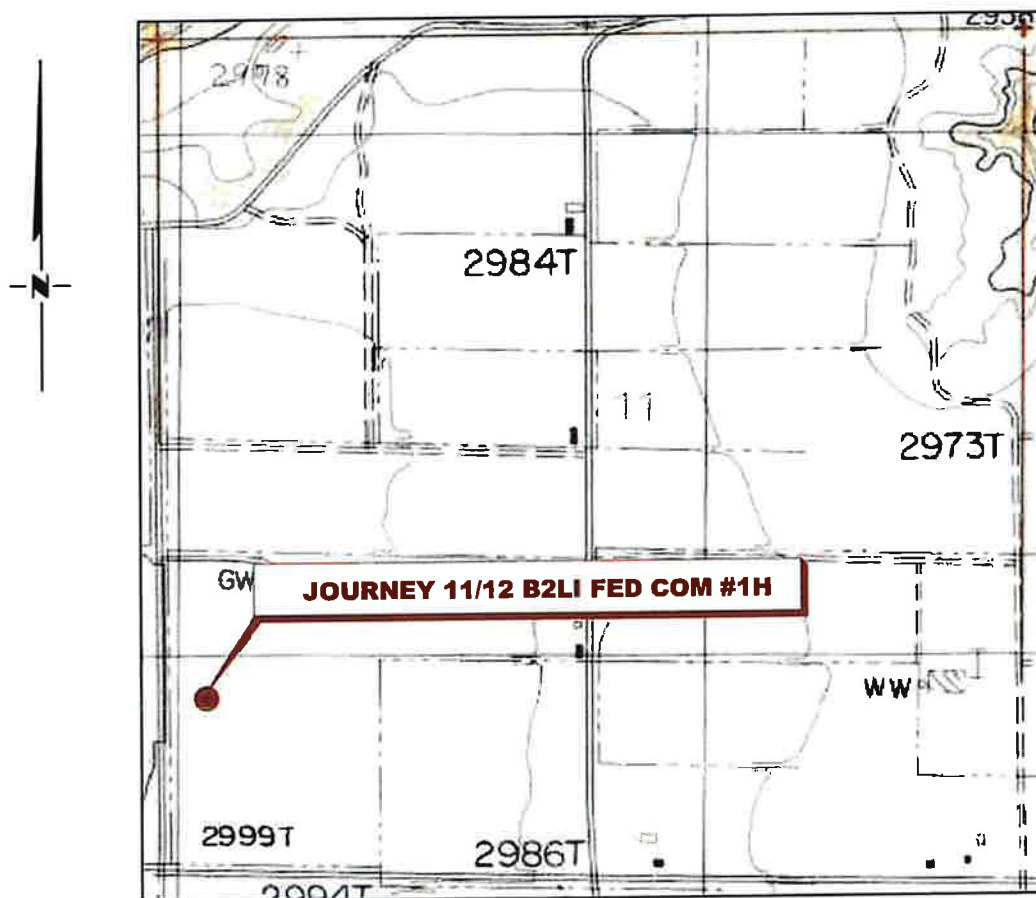
¹ API Number 30-015-49184		² Pool Code 42800		³ Pool Name MALAGA; BONE SPRING, NORTH					
⁴ Property Code 331859		⁵ Property Name JOURNEY 11/12 B2LI FED COM						⁶ Well Number 1H	
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 2999'	
¹⁰ Surface Location									
UL or lot no. M	Section 11	Township 24S	Range 28E	Lot Idn	Feet from the 1035	North/South line SOUTH	Feet from the 265	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. I	Section 12	Township 24S	Range 28E	Lot Idn	Feet from the 2140	North/South line SOUTH	Feet from the 100	East/West line EAST	County EDDY
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 446863.5 - E: 623973.5 LAT: 32.2282216° N LONG: 104.0660916° W BOTTOM HOLE N: 447865.5 - E: 634325.3 LAT: 32.2309007° N LONG: 104.0326055° W			CORNER DATA NAD 83 GRID - NM EAST A: FOUND 1/2" REBAR N: 445835.0 - E: 623710.0 B: FOUND BRASS CAP "1942" N: 451079.2 - E: 623703.4 C: FOUND RAILROAD SPIKE N: 451053.5 - E: 626388.7 D: FOUND BRASS CAP "1942" N: 451029.8 - E: 629073.5 E: FOUND BRASS CAP "1942" N: 451041.6 - E: 631739.8			F: FOUND BRASS CAP "1942" N: 451054.0 - E: 634408.7 G: FOUND BRASS CAP "1942" N: 448388.8 - E: 634422.6 H: FOUND 1" REBAR N: 445726.4 - E: 634436.4 I: FOUND 1/2" REBAR N: 445707.6 - E: 629112.1		
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: <u>Andrew W Taylor</u> Date: <u>1/6/2022</u> Printed Name: <u>Andrew Taylor</u> E-mail Address: <u>ataylor@mewbourne.com</u>								
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. Date of Survey: <u>03/30/2021</u> Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> Certificate Number: <u>19680</u> REV: NAME CHANGE/BH MOVE 11/02/21 Job No: <u>LS21030269R</u>								

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 CompanyLOCATION: 1035' FSL & 265' FWLLEASE: Journey 11/12 B2LI Fed ComCONTOUR INTERVAL: 10'WELL NO.: 1H

USGS TOPO. SOURCE MAP:

ELEVATION: 2999'Malaga, NM (1985)

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

RRC

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
LEASE: Journey 11/12 B2LI Fed Com
WELL NO.: 1H

LOCATION: 1035' FSL & 265' FWL
ELEVATION: 2999'

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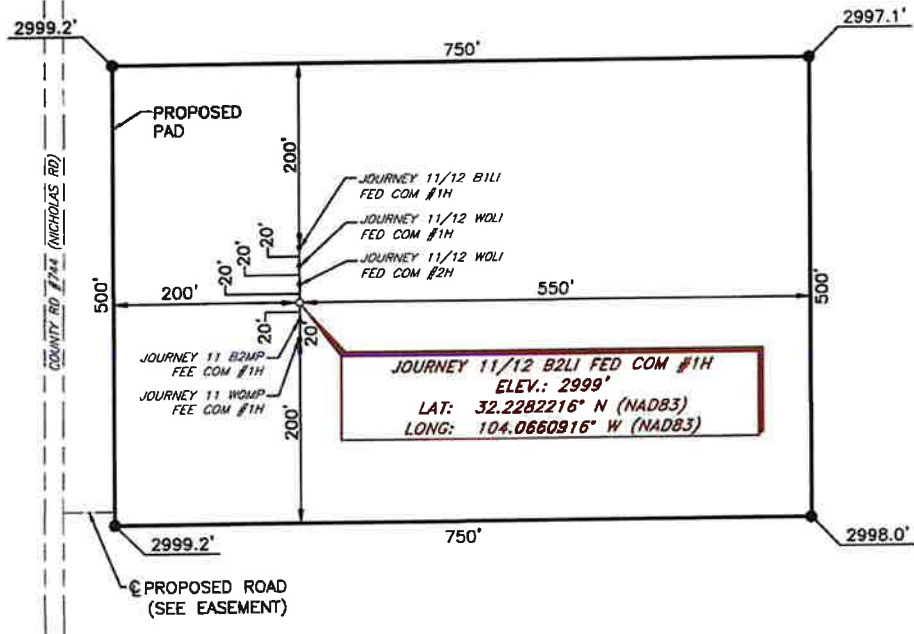
NO.	REVISION	DATE
JOB NO.:	LS21030269R	
DWG. NO.:	21030269R-3	

RRC

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**



DIRECTIONS TO LOCATION

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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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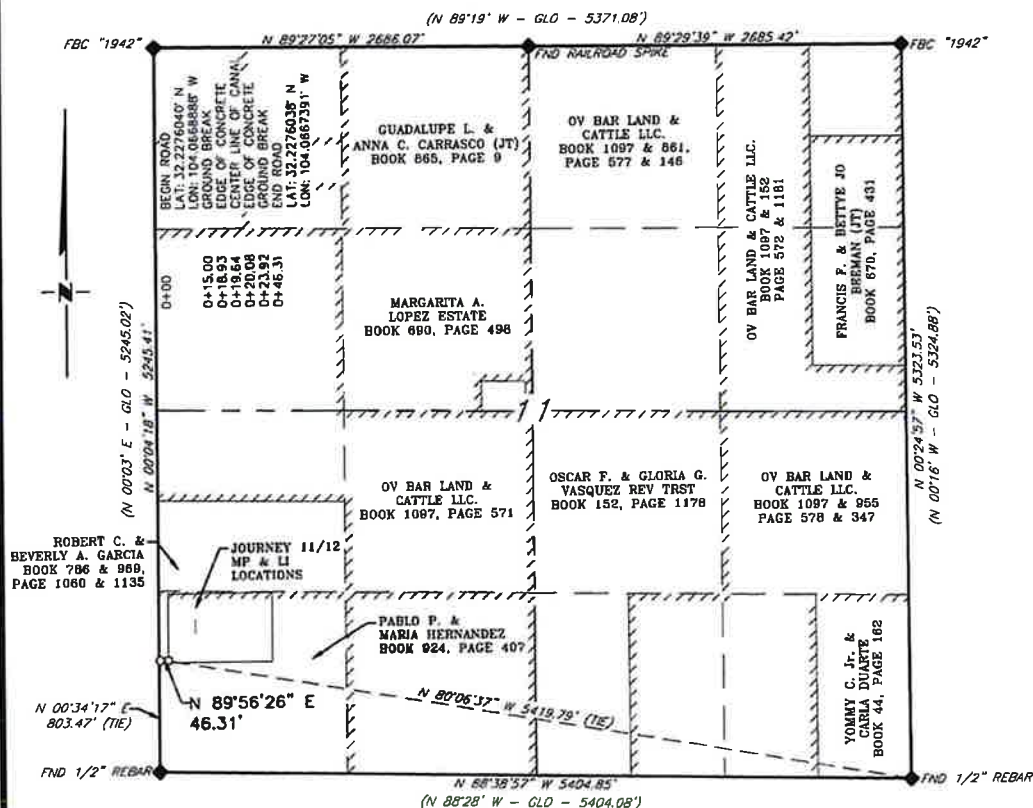
NO.	REVISION	DATE
JOB NO.:	LS21030269R	
DWG. NO.:	21030269R-4	



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

SCALE: 1" = 150'
DATE: 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°34'17" E, 803.47 feet from a 1/2" rebar, found for the Southwest corner of Section 11;

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 2.807 Rods 0.032 Acres

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

BEARINGS ARE GRID NAD 83
 NAD 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 plot from an actual survey made on the ground under my direct supervision, said survey and plot meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
 Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS21030186	
DWG. NO.:	21030186-5	



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

SCALE: 1" = 1000'
DATE: 03/26/2021
SURVEYED BY: ML/JC
DRAWN BY: RQ
APPROVED BY: RMH
SHEET: 1 OF 1

Mewbourne Oil Company, Journey 11/12 B2LI Fed Com #1H
Sec 11, T24S, R28E
SHL: 1035' FSL & 265' FEL (11)
BHL: 2140' FSL & 100' FEL (12)

Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Jt Tension	SF Body Tension
	From	To								
17.5"	0'	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 Factor							1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

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

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

Mewbourne Oil Company, 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	# Sk	Wt. lb/ gal	Yld ft3/ sack	H ₂ O 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 of fluid?	Pason/PVT/Visual Monitoring
---	-----------------------------

District I
1625 N. French Dr., Hobbs, NM 88240
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 119826

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 119826
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO review 6/24/2022	6/24/2022
jagarcia	Approved, John Garcia, Petroleum Engineer	9/16/2022

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

CONDITIONS

Action 119826

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 119826
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	New property code is 333290	9/16/2022