

District I1625 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

Form C-101
August 1, 2011

Permit 185409

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MEWBOURNE OIL CO Po Box 5270 Hobbs, NM 88241		2. OGRID Number 14744
		3. API Number 30-015-42353
4. Property Code 313180	5. Property Name Layla 35 B2NC Fee	6. Well No. 002H

7. Surface Location

UL - Lot N	Section 35	Township 23S	Range 28E	Lot Idn N	Feet From 185	N/S Line S	Feet From 1670	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot C	Section 35	Township 23S	Range 28E	Lot Idn C	Feet From 330	N/S Line N	Feet From 1980	E/W Line W	County Eddy
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9. Pool Information

CULEBRA BLUFF;BONE SPRING, SOUTH	15011
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3017
16. Multiple N	17. Proposed Depth 12900	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 5/5/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	400	590	0
Int1	12.25	9.625	36	2600	645	0
Int2	8.75	7	26	8650	900	2090
Prod	6.125	4.5	13.5	12900	0	0

Casing/Cement Program: Additional Comments

MOC proposed to drill & test the Bone Springs formation. H2S rule 118 does not apply because MOC has researched the area & no high concentrations were found. Will have on location & working all H2S safety equipment before drilling the surface csg shoe for safety & insurance purposes. 4 1/2" production liner will be run & will utilize packer port system. No cement is required. Will stimulate as needed for production.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1500	Schaffer
Double Ram	3000	3000	Schaffer
Annular	3000	1500	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:

Printed Name: Electronically filed by Monty Whetstone

Title: Vice President Operations

Email Address: prodmgr@mewbourne.com

Date: 4/30/2014

Phone: 903-561-2900

OIL CONSERVATION DIVISIONApproved By: *[Signature]*Title: *[Signature]*

Approved Date: 5-1-2014

Expiration Date:

Conditions of Approval Attached

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Form C-102

August 1, 2011

Permit 185409

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42353	2. Pool Code 15011	3. Pool Name CULEBRA BLUFF;BONE SPRING, SOUTH
4. Property Code 313180	5. Property Name Layla 35 B2NC Fee	6. Well No. 002H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3017

10. Surface Location

UL - Lot N	Section 35	Township 23S	Range 28E	Lot Idn N	Feet From 185	N/S Line S	Feet From 1670	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

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UL - Lot C	Section 35	Township 23S	Range 28E	Lot Idn c	Feet From 330	N/S Line N	Feet From 1980	E/W Line W	County EDDY
12. Dedicated Acres 160.00			13. Joint or Infill		14. Consolidation Code			15. Order No.	

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

	OPERATOR CERTIFICATION		
	<i>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(s) 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.</i>		
	E-Signed By: Monty Whetstone Title: Vice President Operations Date: 4/30/2014		
	SURVEYOR CERTIFICATION		
<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>			
Surveyed By: Robert Howett Date of Survey: 4/22/2014 Certificate Number: 19680			

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Form APD Conditions

Permit 185409

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MEWBOURNE OIL CO [14744] Po Box 5270 Hobbs, NM 88241		API Number: 30-015-42353
		Well: Layla 35 B2NC Fee #002H
OCD Reviewer	Condition	
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	