

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8181 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 187108

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
4. Property Code 313323		3. API Number 30-015-42408
5. Property Name Esperanza 11 B2MP State		6. Well No. 001H

7. Surface Location

UL - Lot M	Section 11	Township 21S	Range 27E	Lot Idn M	Feet From 757	N/S Line S	Feet From 317	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot P	Section 11	Township 21S	Range 27E	Lot Idn P	Feet From 750	N/S Line S	Feet From 330	E/W Line E	County Eddy
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9. Pool Information

AVALON;BONE SPRING, EAST	3713
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3306
16. Multiple N	17. Proposed Depth 12255	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 6/16/2014
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	48	580	400	0
Int1	12.25	9.625	36	2900	600	0
Prod	8.75	7	26	8000	600	2700
Liner1	6.125	4.5	13.5	12255	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. 4.5" 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	2500	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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Monty Whetstone	Approved By: Randy Dade
Title: Vice President Operations	Title: District Supervisor
Email Address: prodmgr@mewbourne.com	Approved Date: 6/5/2014 Expiration Date: 6/5/2016
Date: 6/4/2014 Phone: 903-561-2900	Conditions of Approval Attached

Surveyed By: James Tompkins
Date of Survey: 5/13/2014
Certificate Number: 14729

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Form APD Comments

Permit 187108

PERMIT COMMENTS

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241		API Number: 30-015-42408
		Well: Esperanza 11 B2MP State #001H
Created By	Comment	Comment Date
CSHAPARD	Land f/S	6/4/2014

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Form APD Conditions
Permit 187108

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241		API Number: 30-015-42408
		Well: Esperanza 11 B2MP State #001H
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	