

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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 172710

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 40105		3. API Number 30-025-41376
5. Property Name YOUNG 16 NC STATE COM		6. Well No. 001H

7. Surface Location

UL - Lot N	Section 16	Township 18S	Range 32E	Lot Idn N	Feet From 330	N/S Line S	Feet From 2040	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot C	Section 16	Township 18S	Range 32E	Lot Idn C	Feet From 330	N/S Line N	Feet From 1980	E/W Line W	County Lea
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9. Pool Information

YOUNG;BONE SPRING	65330
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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 3770
16. Multiple N	17. Proposed Depth	18. Formation Bone Spring	19. Contractor	20. Spud Date
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	1100	850	0
Int1	12.25	9.625	36	2700	600	0
Int2	8.75	7	26	9430	1000	0
Prod	6.125	4.5	13.5	13800	0	0

Casing/Cement Program: Additional Comments

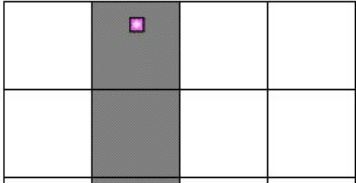
MOC proposes to drill & test the Bone Spring formation. H2S rule 118 does not apply because MOC has researched this area & no high concentrations were found. Will have on location & working all H2S safety equipment before drilling into the Delaware for safety & insurance purposes. 4 1/2 production liner 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 <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: Paul Kautz
Title: Vice President Operations	Title: Geologist
Email Address: prodmgr@mewbourne.com	Approved Date: 9/10/2013 Expiration Date: 9/10/2015
Date: 9/3/2013 Phone: 903-561-2900	Conditions of Approval Attached

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Phone:(505) 478-3470 Fax:(505) 478-3462

	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:	9/3/2013	
	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:	8/29/2013	
	Certificate Number:	19680	

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Form APD Comments
Permit 172710

PERMIT COMMENTS

Operator Name and Address: MEWBOURNE OIL CO [14744] Po Box 5270 Hobbs, NM 88241		API Number: 30-025-41376
		Well: YOUNG 16 NC STATE COM #001H

Created By	Comment	Comment Date
pkautz	Land s/S	9/3/2013

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Form APD Conditions
 Permit 172710

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MEWBOURNE OIL CO [14744] Po Box 5270 Hobbs, NM 88241		API Number: 30-025-41376
		Well: YOUNG 16 NC STATE COM #001H

OCD Reviewer	Condition
pkautz	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
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite, in order to seal protectable water.
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
DMULL	Will require a directional survey with the C-104