

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
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 165728

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 39828		3. API Number 30-025-41125
5. Property Name YOUNG 16 OB STATE COM		6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	16	18S	32E	O	150	S	1650	E	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	16	18S	32E	B	330	N	2181	E	Lea

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 3773
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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	1135	850	0
Int1	12.25	9.625	36	2680	600	0
Int2	8.75	7	26	9430	1000	0
Prod	6.125	4.5	13.5	13761	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: _____ Printed Name: Electronically filed by Monty Whetstone Title: Vice President Operations Email Address: prodmgr@mewbourne.com Date: 4/17/2013	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 4/23/2013 Expiration Date: 4/23/2015 Conditions of Approval Attached
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Santa Fe, NM 87505

Form C-102
August 1, 2011
Permit 165728

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-41125	2. Pool Code 65330	3. Pool Name YOUNG;BONE SPRING
4. Property Code 39828	5. Property Name YOUNG 16 OB STATE COM	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3773

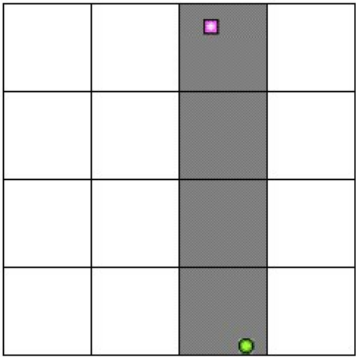
10. Surface Location

UL - Lot O	Section 16	Township 18S	Range 32E	Lot Idn B	Feet From 150	N/S Line S	Feet From 1650	E/W Line E	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot B	Section 16	Township 18S	Range 32E	Lot Idn B	Feet From 330	N/S Line N	Feet From 2181	E/W Line E	County LEA
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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><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></p> <p>E-Signed By: Monty Whetstone Title: Vice President Operations Date: 4/17/2013</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><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></p> <p>Surveyed By: James Tompkins Date of Survey: 4/13/2013 Certificate Number: 14729</p>
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Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: YOUNG 16 OB STATE COM #001H

API: 30-025-41125

Created By	Comment	Comment Date
pkautz	Land s/S	4/18/2013
CHERRERA	OCD RECIEVED FORM C144 CLEZ. OCD PERMIT # P1-06084	4/23/2013

Permit Conditions of Approval

Operator: MEWBOURNE OIL CO , 14744

Well: YOUNG 16 OB STATE COM #001H

API: 30-025-41125

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	In order to seal off protectable water, surface casing must be set 25' top of Rustler Anhydrite.