

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

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 30-025-40037
4. Property Code 35339	5. Property Name RED HAWK 32 STATE	6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	32	19S	34E	A	510	N	330	E	LEA

8. Pool Information

APACHE RIDGE;BONE SPRING	2260
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3679
14. Multiple N	15. Proposed Depth 15190	16. Formation Bone Spring	17. Contractor	18. Spud Date 3/15/2011
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. 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	1100	300	0
Int1	12.25	9.625	40	3600	100	0
Int1	12.25	9.625	36	3300	800	0
Prod	8.75	7	26	11180	900	3000
Liner1	6.125	4.5	11.6	15190	0	

Casing/Cement Program: Additional Comments

MOC proposes to drill & test the Bone Springs formations. 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 Yates formation for safety & insurance purposes. If commercial, production casing will be run & will utilize packer/port system. No cmt is required. Will stimulate as need for production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1500	Schaffer
DoubleRam	5000	5000	Schaffer
Annular	5000	2500	Schaffer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ . Printed Name: Electronically filed by Monty Whetstone Title: Vice President Operations Email Address: prodmgr@mewbourne.com Date: 1/20/2011 Phone: 903-561-2900	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 1/31/2011	Expiration Date: 1/31/2013
	Conditions of Approval Attached	

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 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

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Santa Fe, NM 87505

Form C-102
 Permit 126101

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40037	2. Pool Code 2260	3. Pool Name APACHE RIDGE;BONE SPRING
4. Property Code 35339	5. Property Name RED HAWK 32 STATE	6. Well No. 002H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3679

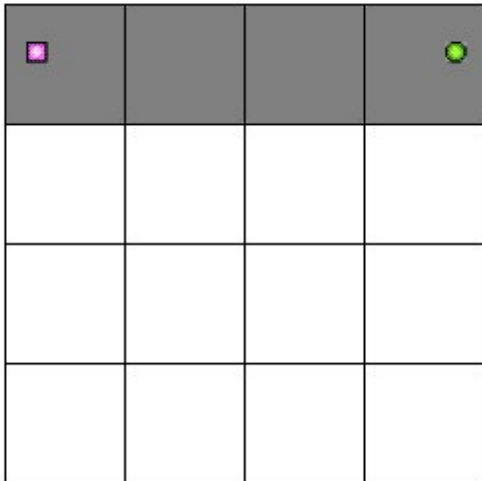
10. Surface Location

UL - Lot A	Section 32	Township 19S	Range 34E	Lot Idn	Feet From 510	N/S Line N	Feet From 330	E/W Line E	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 32	Township 19S	Range 34E	Lot Idn D	Feet From 510	N/S Line N	Feet From 330	E/W Line W	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

	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: 1/20/2011	
	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: Gary Jones Date of Survey: 1/19/2011 Certificate Number: 7977		

Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: RED HAWK 32 STATE #002H

API: 30-025-40037

Created By	Comment	Comment Date
NMYOUNG	Mud Program: 0-500' FW w/sweeps. 500' - 3600' Brine. 3600' - 10200' FW. 10200-TD FW w/polymer.	1/20/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-02851.	1/31/2011

Permit Conditions of Approval

Operator: MEWBOURNE OIL CO , 14744

Well: RED HAWK 32 STATE #002H

API: 30-025-40037

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	Must use fresh water mud above Rustler Ahydrite.
pkautz	Surface casing must be set 25' below top of Rustler Ahydrite