

**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 137718

**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 30-015-39426
4. Property Code 38826	5. Property Name HAYHURST 23 STATE COM	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
O	23	25S	27E	O	330	S	1700	E	EDDY

**8. Pool Information**

HAY HOLLOW;BONE SPRING, NORTH	30216
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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 3061
14. Multiple N	15. Proposed Depth 11200	16. Formation Bone Spring	17. Contractor	18. Spud Date 10/15/2011
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**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	550	550	0
Int1	12.25	9.625	36	2250	1200	0
Int2	8.75	7	26	6850	1000	2050
Prod	6.125	4.5	11.6	11200	0	

**Casing/Cement Program: Additional Comments**

MOC proposes to drill & test 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 needed for production.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1500	Schaffer
DoubleRam	3000	3000	Schaffer
Annular	3000	1500	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 <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Monty Whetstone Title: Vice President Operations Email Address: prodmgr@mewbourne.com Date: 9/21/2011	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 9/22/2011	Expiration Date: 9/22/2013
	Phone: 903-561-2900 Conditions of Approval Attached	

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 137718

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-39426	2. Pool Code 30216	3. Pool Name HAY HOLLOW; BONE SPRING, NORTH
4. Property Code 38826	5. Property Name HAYHURST 23 STATE COM	6. Well No. 002H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3061

**10. Surface Location**

UL - Lot O	Section 23	Township 25S	Range 27E	Lot Idn	Feet From 330	N/S Line S	Feet From 1700	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

11. Bottom Hole Location If Different From Surface									
UL - Lot B	Section 23	Township 25S	Range 27E	Lot Idn B	Feet From 330	N/S Line N	Feet From 1700	E/W Line E	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**

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## Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: HAYHURST 23 STATE COM #002H

API: 30-015-39426

Created By	Comment	Comment Date
NMYOUNG	Mud Program: 0-550' FW spud mud w/lime for pH & LCM as needed. 550'- 2250' Brine water w/lime for pH & LCM as needed. 2250' - 6850' Cut Brine. 6850' - TD Cut Brine.	9/21/2011
Artesia	Land s/S	9/22/2011



# Permit Conditions of Approval

Operator: MEWBOURNE OIL CO , 14744

Well: HAYHURST 23 STATE COM #002H

API: 30-015-39426

OCD Reviewer	Condition
Artesia	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