

**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 137723

**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 30-015-39427
4. Property Code 38829	5. Property Name COOKSEY 36 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
P	36	25S	27E	P	330	S	500	E	EDDY

**8. Pool Information**

DELAWARE RIVER;BONE SPRING	16800
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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 3085
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	575	575	0
Int1	12.25	9.625	36	2250	1200	0
Int2	8.75	7	26	6900	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	

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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 137723

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-39427	2. Pool Code 16800	3. Pool Name DELAWARE RIVER;BONE SPRING
4. Property Code 38829	5. Property Name COOKSEY 36 STATE COM	6. Well No. 002H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3085

**10. Surface Location**

UL - Lot P	Section 36	Township 25S	Range 27E	Lot Idn	Feet From 330	N/S Line S	Feet From 500	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 A	Section 36	Township 25S	Range 27E	Lot Idn A	Feet From 330	N/S Line N	Feet From 380	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: COOKSEY 36 STATE COM #002H

API: 30-015-39427

Created By	Comment	Comment Date
NMYOUNG	Mud Program: 0-575' FW spud mud w/lime for pH & LCM as needed. 575'- 2250' Brine water w/lime for pH & LCM as needed. 2250' - 6900' Cut Brine. 6900' - TD Cut Brine.	9/21/2011