District I 1625 N. French Dr., Hobbs, NM 88240

Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u>

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

1220 S. St Francis Dr., Santa Fe, NM 8750 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	L, RE-ENTER, DEEPEN	, PLUGBACK, O	R ADD A ZONE
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MEW	tor Name and Address BOURNE OIL CO	2. OGRID Number 14744		
	Po Box 5270 obs, NM 88241	3. API Number 30-015-39427		
4. Property Code	5. Property Name	6. Well No.		
38829	COOKSEY 36 STATE COM	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

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3085
14. Multiple	15. Proposed Depth	16. Formation	17. Contractor	18. Spud Date
N	11200	Bone Spring		10/15/2011

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

Troposed Biomodel Troposed Tropian							
Type	Working Pressure	Test Pressure	Manufacturer				
Annular	2000	1500	Schaffer				
DoubleRam	3000	3000	Schaffer				
Annular	3000	1500	Schaffer				

of my knowledge and belief.	nation given above is true and complete to the best rilling pit will be constructed according to	OIL CONSERVATION DIVISION			
	general permit , or an (attached) alternative	Approved By: Randy Dade			
Printed Name: Electron	ically filed by Monty Whetstone	Title: District Supervisor	Non-control and property of the second		
Title: Vice President Op	perations	Approved Date: 9/22/2011	Expiration Date: 9/22/2013		
Email Address: prodmg	r@mewbourne.com				
Date: 9/21/2011	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	2. Pool Code		3. Pool Name
30-015-39427	16800 DELAW.		E RIVER;BONE SPRING
4. Property Code	5. Propert		6. Well No.
38829	COOKSEY 36 S		002H
7. OGRID No.	8. Operato		9. Elevation
14744	MEWBOUR		3085

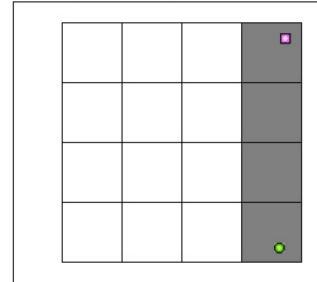
10. Surface Location

3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
1	P	36	25S	27E		330	S	500	E	EDDY

11. Bottom Hole Location If Different From Surface

Danie Linday	V-2018/3000	The state of the s	cast better	10000000	Environment and the	Service de l'acceptant	control to a servicial s	N. N. C. W.	36957507
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	258	27E	A	330	N	380	E	EDDY
	cated Acres	13. J	oint 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 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.

E-Signed By: Monty Whetstone Title: Vice President Operations

Date: 9/21/2011

SURVEYOR CERTIFICATION

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.

Surveyed By: Gary Jones
Date of Survey: 9/15/2011
Certificate Number: 7977

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