<u>District I</u> 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

<u>District III</u> 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 155418

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

MEW	ator Name and Address BOURNE OIL CO	2. OGRID Number 14744	
Po Box 5270 Hobbs, NM 88241		3. API Number 30-015-40753	
4. Property Code	5. Property Name	6. Well No.	
39473	MIRAGE 30 PM STATE COM 00		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	30	198	29E	P	300	S	150	E	EDDY

8. Pool Information

WINCHESTER;BONE SPRING 6501	WINCHESTER:BONE SPRING	65010
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Additional Well Information

			. Idditional Well Inform	Intion	
9. Work Type New Well	10. Wei		11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3311
14. Multiple 15. Proposed Depth N 12100		16. Formation	17. Contractor	18. Spud Date	
		Bone Spring	11/1/2012		
Depth to Ground	water		Distance from nearest fresh water	r 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	300	300	0
Int1	12.25	9.625	36	1230	500	0
Prod	8.75	7	26	8050	800	0
Int1	6.125	4.5	13.5	12100	0	

Casing/Cement Program: Additional Comments

MOC proposes to drill & test the Bone Springs 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 the surface csg shoe for safety & insurance purposes. If commercial, 4 1/2 liner with Packers & Ports will be run & tied back 200' inside the 7" casing. Will stimulate as needed for production.

Proposed Blowout Prevention Program

Troposed Blomode Trevention Trogram							
Туре	Working Pressure	Test Pressure	Manufacturer				
Annular	2000	1500	Schaffer				
DoubleRam	3000	3000	Schaffer				
Annular	3000	1500	Schaffer				

of my knowledge and belief.	ation given above is true and complete to the best lling pit will be constructed according to	OIL CONSERVATION DIVISION Approved By: Randy Dade		
	eneral permit , or an (attached) alternative			
Printed Name: Electroni	cally filed by Monty Whetstone	Title: District Supervisor		
Title: Vice President Op	erations	Approved Date: 9/27/2012	Expiration Date: 9/27/2014	
Email Address: prodmgr	@mewbourne.com		170-01	
Date: 9/26/2012	Phone: 903-561-2900	Conditions of Approval Atta	ched	

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-102 August 1, 2011

Permit 155418

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40753			3. Pool Name STER;BONE SPRING	
4. Property Code 39473	5. Property Name MIRAGE 30 PM STATE COM		6. Well No. 001H	
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO		9. Elevation 3311	

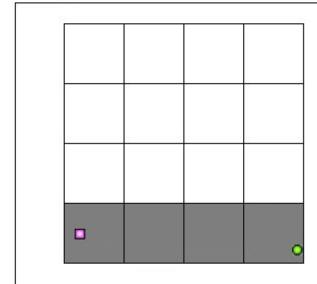
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	30	198	29E		300	S	150	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	30	198	29E	4	660	S	330	W	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: 9/26/2012

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: James Tompkins Date of Survey: 7/26/2012 Certificate Number: 14729

Permit Comments

Operator: MEWBOURNE OIL CO , 14744 Well: MIRAGE 30 PM STATE COM #001H

API: 30-015-40753

Created By	Comment	Comment Date	
CSHAPARD	Land s/S	9/27/2012	

Permit Conditions of Approval

Operator: MEWBOURNE OIL CO , 14744 Well: MIRAGE 30 PM STATE COM #001H

API: 30-015-40753

OCD Reviewer	Condition
CSHAPARD	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