

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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) 334-8178 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 189729

**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
4. Property Code 313539		3. API Number 30-025-42002
5. Property Name CABRA LOCA 11 B30B STATE		6. Well No. 001H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	11	22S	34E	O	200	S	2150	E	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	11	22S	34E	B	330	N	2150	E	Lea

**9. Pool Information**

OJO CHISO;BONE SPRING	96553
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3500
16. Multiple N	17. Proposed Depth 15800	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 8/4/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1700	1200	0
Surf	17.5	13.375	48	1200	0	0
Int1	12.25	9.625	40	4350	0	0
Int1	12.25	9.625	36	3400	0	0
Int1	12.25	9.625	40	5700	1130	0
Int1	12.25	9.625	40	5250	0	0
Prod	8.75	7	26	11485	720	5450
Liner1	6.125	4.5	13.5	15800	200	11285

**Casing/Cement Program: Additional Comments**

MOC proposed to drill & test the Bone Springs formation. H2S rule 118 does not apply because MOC has researched the area & no high concentrations were found. Will have on location & working all H2S safety equipment before Yates formation for safety & insurance purposes. . Will stimulate as needed for production. If circulation is lost in 12.25 hole, will set DV tool & external casing packer @ 3900' (75' above Capitan Reef). Will cement as follows : 1st stage - 410 sks total, 2nd stage - 800 sks total, TOC surface.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1500	Schaffer
Double Ram	3000	3000	Schaffer
Annular	3000	1500	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Monty Whetstone Title: Vice President Operations Email Address: prodmgr@mewbourne.com Date: 7/28/2014	Approved By: Paul Kautz Title: Geologist Approved Date: 7/29/2014 Conditions of Approval Attached
Phone: 903-561-2900	Expiration Date: 7/29/2016

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**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 189729

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42002	2. Pool Code 96553	3. Pool Name OJO CHISO;BONE SPRING
4. Property Code 313539	5. Property Name CABRA LOCA 11 B3OB STATE	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3500

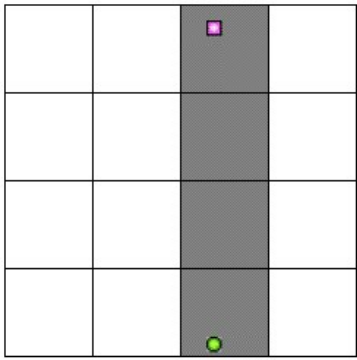
**10. Surface Location**

UL - Lot O	Section 11	Township 22S	Range 34E	Lot Idn O	Feet From 200	N/S Line S	Feet From 2150	E/W Line E	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot B	Section 11	Township 22S	Range 34E	Lot Idn B	Feet From 330	N/S Line N	Feet From 2150	E/W Line E	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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><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></p> <p>E-Signed By:        Monty Whetstone Title:                Vice President Operations Date:                 7/28/2014</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By:        James Tompkins Date of Survey:     6/23/2014 Certificate Number: 14729</p>
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**Santa Fe, NM 87505**

Form APD Comments

Permit 189729

**PERMIT COMMENTS**

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241	API Number: 30-025-42002
	Well: CABRA LOCA 11 B3OB STATE #001H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 189729

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241	API Number: 30-025-42002
	Well: CABRA LOCA 11 B3OB STATE #001H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
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	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing -- 3) Liner - Cement must tie back into production casing
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water