

**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) 334-6178 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 176439

**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 40205		3. API Number 30-015-41777
5. Property Name Bradley 36 LI State Com		6. Well No. 001H

**7. Surface Location**

UL - Lot L	Section 36	Township 18S	Range 29E	Lot Idn	Feet From 2080	N/S Line S	Feet From 230	E/W Line W	County Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot L	Section 36	Township 18S	Range 29E	Lot Idn L	Feet From 1980	N/S Line S	Feet From 330	E/W Line E	County Eddy
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**9. Pool Information**

SANTO NINO;BONE SPRING	54600
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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 3442
16. Multiple N	17. Proposed Depth 12700	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 11/11/2013
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	48	285	300	0
Int1	12.25	9.625	36	1500	550	0
Int2	8.75	7	26	8500	1000	1300
Prod	6.125	4.5	13.5	12700	0	0

**Casing/Cement Program: Additional Comments**

MOC proposes to drill and test the Bone Spring formation. H2S rule 118 does not apply. 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 will be run & will use pkr port (no cmt) in the lateral hole. Will stimulate as needed for production.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1500	Schaffer
Double Ram	3000	3000	Schaffer
Annular	3000	3000	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	Approved By: Randy Dade
Title: Vice President Operations	Title: District Supervisor
Email Address: prodmgr@mewbourne.com	Approved Date: 11/5/2013      Expiration Date: 11/5/2015
Date: 11/1/2013      Phone: 903-561-2900	Conditions of Approval Attached

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Form C-102  
 August 1, 2011  
 Permit 176439

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-41777	2. Pool Code 54600	3. Pool Name SANTO NINO;BONE SPRING
4. Property Code 40205	5. Property Name Bradley 36 LI State Com	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBORNE OIL CO	9. Elevation 3442

**10. Surface Location**

UL - Lot L	Section 36	Township 18S	Range 29E	Lot Idn	Feet From 2080	N/S Line S	Feet From 230	E/W Line W	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot I	Section 36	Township 18S	Range 29E	Lot Idn	Feet From 1980	N/S Line S	Feet From 330	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**

	<p 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:                   11/1/2013</p>		
	<p 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:           Robert Howett          Date of Survey:       10/30/2013          Certificate Number:   19680</p>		

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Form APD Comments  
  
Permit 176439

**PERMIT COMMENTS**

Operator Name and Address: MEWBOURNE OIL CO [14744] Po Box 5270 Hobbs, NM 88241		API Number: 30-015-41777
		Well: Bradley 36 LI State Com #001H
Created By	Comment	Comment Date
CSHAPARD	Land p/S	11/4/2013

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Form APD Conditions  
Permit 176439

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MEWBOURNE OIL CO [14744] Po Box 5270 Hobbs, NM 88241		API Number: 30-015-41777
		Well: Bradley 36 LI State Com #001H
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	