

**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) 334-8170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3482

**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 227777

**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 317055		3. API Number 30-015-43939
5. Property Name SAPPHIRE 11 12 B2CC STATE COM		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
C	11	19S	29E	C	390	N	1500	W	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	12	19S	29E	C	660	N	2310	W	Eddy

**9. Pool Information**

TURKEY TRACK;BONE SPRING	60660
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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 3361
16. Multiple N	17. Proposed Depth 13925	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 1/2/2017
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	420	355	0
Int1	12.25	9.625	36	1400	410	0
Int2	8.75	7	26	8295	840	900
Prod	6.125	4.5	13.5	13925	260	7552

**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.
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**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	Approved By: Paul Kautz
Title: Vice President Operations	Title: Geologist
Email Address: prodmgr@mewbourne.com	Approved Date: 10/24/2016      Expiration Date: 10/24/2018
Date: 10/21/2016      Phone: 903-561-2900	Conditions of Approval Attached

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Form C-102  
August 1, 2011  
Permit 227777

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-43939	2. Pool Code 60660	3. Pool Name TURKEY TRACK;BONE SPRING
4. Property Code 317055	5. Property Name SAPPHIRE 11 12 B2CC STATE COM	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3361

**10. Surface Location**

UL - Lot C	Section 11	Township 19S	Range 29E	Lot Idn C	Feet From 390	N/S Line N	Feet From 1500	E/W Line W	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot C	Section 12	Township 19S	Range 29E	Lot Idn C	Feet From 660	N/S Line N	Feet From 2310	E/W Line W	County Eddy
12. Dedicated Acres 200.00	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:                    10/21/2016</p>
	<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:           Robert Howett Date of Survey:        9/27/2016 Certificate Number:    19680</p>

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Form APD Comments

Permit 227777

**PERMIT COMMENTS**

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241		API Number: 30-015-43939
		Well: SAPPHIRE 11 12 B2CC STATE COM #001H
Created By pkautz	Comment Well 30-015-37874 PNR	Comment Date 10/24/2016

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Form APD Conditions

Permit 227777

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241	API Number: 30-015-43939
	Well: SAPPHIRE 11 12 B2CC STATE COM #001H

OCD Reviewer	Condition
pkautz	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	Cement is required to circulate on both surface and intermediate1 strings of casing
pkautz	The New! Gas Capture Plan (GCP) notice is posted on the NMOCD website under Announcements. The Plan became effective May 1, 2016. A copy of the GCP form is in our FORMS section under Unnumbered Forms. Please review filing dates for all applicable activities currently approved or pending and submit accordingly. Failure to file a GCP may jeopardize the operator's ability to obtain C-129 approval to flare gas after the initial 60-day completion period.
pkautz	Must notify OCD Artesia Office of any water flows in the Castile Formation at 575-748-1283. Report depth and flow rate