

**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 228241

**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 317080		3. API Number 30-015-43950
5. Property Name Styx 17 W2PA Fee 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
A	20	23S	28E	A	250	N	305	E	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	17	23S	28E	A	330	N	330	E	Eddy

**9. Pool Information**

CULEBRA BLUFF;WOLFCAMP, SOUTH (GAS)	75750
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**Additional Well Information**

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3037
16. Multiple N	17. Proposed Depth 15325	18. Formation Wolfcamp	19. Contractor	20. Spud Date 2/1/2017
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	400	340	0
Int1	12.25	9.625	36	2390	535	0
Prod	8.75	7	26	10550	925	2190
Liner1	6.125	4.5	13.5	15325	230	9750

**Casing/Cement Program: Additional Comments**

MOC proposed to drill & test the Wolfcamp 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.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	Schaffer
Double Ram	5000	5000	Schaffer
Annular	5000	2500	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: 11/4/2016      Expiration Date: 11/4/2018
Date: 11/3/2016      Phone: 903-561-2900	Conditions of Approval Attached

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Form C-102  
August 1, 2011  
Permit 228241

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-43950	2. Pool Code 75750	3. Pool Name CULEBRA BLUFF;WOLFCAMP, SOUTH (GAS)
4. Property Code 317080	5. Property Name Styx 17 W2PA Fee Com	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3037

**10. Surface Location**

UL - Lot A	Section 20	Township 23S	Range 28E	Lot Idn A	Feet From 250	N/S Line N	Feet From 305	E/W Line E	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot A	Section 17	Township 23S	Range 28E	Lot Idn A	Feet From 330	N/S Line N	Feet From 330	E/W Line E	County Eddy
12. Dedicated Acres 320.00	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**

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 30px;"></td> <td style="width: 25%; height: 30px;"></td> <td style="width: 25%; height: 30px; background-color: #cccccc;"></td> <td style="width: 25%; height: 30px; background-color: #cccccc; text-align: center;">■</td> </tr> <tr> <td style="height: 30px;"></td> <td style="height: 30px;"></td> <td style="height: 30px; background-color: #cccccc;"></td> <td style="height: 30px; background-color: #cccccc;"></td> </tr> <tr> <td style="height: 30px;"></td> <td style="height: 30px;"></td> <td style="height: 30px; background-color: #cccccc;"></td> <td style="height: 30px; background-color: #cccccc;"></td> </tr> <tr> <td style="height: 30px;"></td> <td style="height: 30px;"></td> <td style="height: 30px; background-color: #cccccc;"></td> <td style="height: 30px; background-color: #cccccc;"></td> </tr> </table>				■													<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:                   11/3/2016</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:           Robert Howett Date of Survey:       10/5/2016 Certificate Number:   19680</p>
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**Santa Fe, NM 87505**

Form APD Comments

Permit 228241

**PERMIT COMMENTS**

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241	API Number: 30-015-43950
	Well: Styx 17 W2PA Fee Com #001H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 228241

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MEWBOURNE OIL CO [14744] PO Box 5270 Hobbs, NM 88241	API Number: 30-015-43950
	Well: Styx 17 W2PA Fee 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	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	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	The Operator is to notify NMOCD by sundry within ten (10) days of spudding a well.
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Submit Gas Capture Plan form prior to spudding or initiating recompletion operations