

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-6162

Form C-101
Permit 107306

RECEIVED
JAN 05 2010
HOBSOCD

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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 ✓
		3. API Number 30-025-39632
4. Property Code 37969	5. Property Name MAKO 8 STATE COM	6. Well No. 001H

7. Surface Location

UL - Lot D	Section 8	Township 17S	Range 35E	Lot Idn D	Feet From 460	N/S Line N	Feet From 660	E/W Line W	County LEA
---------------	--------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	---------------

8. Pool Information

VACUUM:ABO, NORTH ✓	61760 ✓
---------------------	---------

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3994
14. Multiple N	15. Proposed Depth 13000	16. Formation Abo Formation	17. Contractor	18. Spud Date 1/30/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	450	500	0
Int1	12.25	9.625	36	1900	700	0
Int2	8.75	7	26	9200	1400	0
Prod	6.125	4.5	11.6	13000	0	0

Casing/Cement Program: Additional Comments

MOC proposes to drill & test the Abo formation. H2S rule 118 does not apply because MOC has researched this area & no high concentration were found. Will have on location & working all H2S safety equipment before drilling below the surface casing for safety & insurance purposes. If commercial, a production liner will be run & will utilize packer/port system. No cmt is required. Will stimulate as needed for production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	Schaffer
DoubleRam	3000	3000	Schaffer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By:	Title: PETROLEUM ENGINEER
	Printed Name: Jackie Lathan	Approved Date: JAN 07 2010 Expiration Date:
	Title: Hobbs Regulatory	Email Address: j.lathan@mewbourne.com

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 107306

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 39025-39632	2. Pool Code 61760	3. Pool Name VACUUM;ABO, NORTH
4. Property Code 37969	5. Property Name MAKO 8 STATE COM	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3994

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	8	17S	35E		460	N	660	W	LEA

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	8	17S	35E		660	S	500	W	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 align="center">OPERATOR CERTIFICATION</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: Title: Date:</p> <hr/> <p align="center">SURVEYOR CERTIFICATION</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: Gary Jones Date of Survey: 12/21/2009 Certificate Number: 7977</p>
--	--

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1820 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-39432	Pool Code 61760	Pool Name Vacuum; Abo, North
Property Code 37969	Property Name MAKO "8" STATE COM	Well Number 1H
OGRID No. 14744	Operator Name MEWBOURNE OIL COMPANY	Elevation 3994'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	8	17 S	35 E		460	NORTH	660	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	17 S	35 E		660	S	500	W	Lea

Dedicated Acres 160	Joint or Infill	Consolidation Code	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>SURFACE LOCATION Lat - N 32°51'19.86" Long - W 103°29'09.31" NMSPC- N 875992.544 E 760229.249 (NAD-27)</p> <p>500 BHL 660</p>	<p>OPERATOR CERTIFICATION</p> <p>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 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.</p> <p><i>Jackie Lathan</i> 1/6/2010 Signature Date</p> <p>Jackie Lathan Printed Name</p>	
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 21 2009 Date Surveyed</p> <p><i>[Signature]</i> Signature & Seal of Professional Surveyor</p> <p>W.S. 12120</p>
		<p>Certificate No. Gary L. Jones 7977</p>
		<p>BASIN SURVEYS</p>

Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: MAKO 8 STATE COM #001H

API:

Created By	Comment	Comment Date
NMYOUNG	Mud Program: 0-450' FW spud mud w/LCM & Lime for pH control. 450'-1900' FW mud w/LCM & Lime for pH control. 1900'- 9200' Brine w/caustic for pH control. 9200'-TD Cut brine w/polymer & caustic for pH control.	12/31/2009