

**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 30-015-35689
4. Property Code 13206	5. Property Name PARKCHESTER 24 STATE	6. Well No. 002

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	24	19S	28E	D	900	N	990	W	EDDY

**8. Pool Information**

WINCHESTER,MORROW (GAS)	87600
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3360
14. Multiple N	15. Proposed Depth 11350	16. Formation Morrow	17. Contractor	18. Spud Date 7/10/2007
Depth to Ground water 100	Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000	
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12' mals thick Clay <input type="checkbox"/> Pit Volume: 24000 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" 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	300	400	0
Int1	12.25	8.625	32	2800	900	0
Prod	7.875	5.5	17	11350	1300	2600

**Casing/Cement Program: Additional Comments**

MOC proposes to drill & test the Morrow & intermediate formations. H2S rule 118 does not apply because MOC has researched this area & no high concentrations were found. Will have on location & working all H2S safety equipment before Capitan formation for safety & insurance purposes. If commercial, production casing will be run & cemented. Will perforate & stimulate as needed for production.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	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 checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Bryan Arrant	
Printed Name: Electronically filed by Monty Whetstone	Title: Geologist	
Title: Vice President Operations	Approved Date: 7/2/2007	Expiration Date: 7/2/2008
Email Address: prodmgr@mewbourne.com		
Date: 6/26/2007	Phone: 903-561-2900	Conditions of Approval Attached

District IIDistrict IIIDistrict IV

## Energy, Minerals and Natural Resources

## Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35689	2. Pool Code 87600	3. Pool Name WINCHESTER,MORROW (GAS)
4. Property Code 13206	5. Property Name PARKCHESTER 24 STATE	
6. Well No. 002	7. OGRID No. 14744	
8. Operator Name MEWBOURNE OIL CO	9. Elevation 3360	

## 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	24	19S	28E		900	N	990	W	EDDY

## 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
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**

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## OPERATOR CERTIFICATION

*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.*

E-Signed By: Monty Whetstone

Title: Vice President Operations

Date: 6/26/2007

## SURVEYOR CERTIFICATION

*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.*

Surveyed By: Gary Jones

Date of Survey: 5/30/2007

Certificate Number: 7977

# Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: PARKCHESTER 24 STATE #002

API: 30-015-35689

Created By	Comment	Comment Date
NMYOUNG	Mud Program: 0-300' Fresh water, spud mud, lime for PH & LCM as needed. 300-2800 Brine water, lime for PH & LCM as needed. 2800-TD Cut brine water, 9.3#/g, caustic for PH, starch for WL control & LCM as needed	6/26/2007

# Permit Conditions of Approval

Operator: MEWBOURNE OIL CO , 14744

Well: PARKCHESTER 24 STATE #002

API: 30-015-35689

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	As noted, operator to drill surface hole with fresh water mud.