

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 30-025-38546
4. Property Code 36647	5. Property Name PALOMA 20 ST COM	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	20	20S	36E	H	1980	N	660	E	LEA

8. Pool Information

OSUDO, MORROW, NORTH (GAS)	82160
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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 3613
14. Multiple N	15. Proposed Depth 11500	16. Formation Morrow	17. Contractor	18. Spud Date 12/1/2007
Depth to Ground water 35		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 24000 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	600	600	0
Int1	12.25	9.625	40	5300	1800	0
Prod	8.75	5.5	17	11500	1000	8000

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 Delaware 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 or equivalent

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"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Monty Whetstone	Approved By: Paul Kautz
Title: Vice President Operations	Title: Geologist
Email Address: prodmgr@mewbourne.com	Approved Date: 9/11/2007 Expiration Date: 9/11/2008
Date: 8/6/2007 Phone: 903-561-2900	Conditions of Approval Attached

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 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

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Santa Fe, NM 87505

Form C-102
 Permit 58515

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-38546	2. Pool Code 82160	3. Pool Name OSUDO;MORROW, NORTH (GAS)
4. Property Code 36647	5. Property Name PALOMA 20 ST COM	6. Well No. 001
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3613

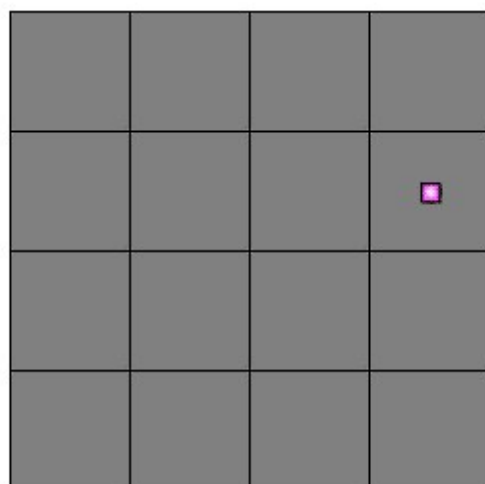
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	20	20S	36E		1980	N	660	E	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
12. Dedicated Acres 640.00		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



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: 8/6/2007

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: 7/12/2007
 Certificate Number: 7977

Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: PALOMA 20 ST COM #001

API: 30-025-38546

Created By	Comment	Comment Date
NMYOUNG	Mud program: 0-600' Fresh water, spud mud, lime for PH & LCM as needed. 600-5300' Brine water, lime for PH & LCM as needed. 5300'-10500' Fresh water & cut brine, LCM as needed & caustic for PH. 10500'-TD Cut brine, 9.3#/g, caustic for PH, starch for WL control & LCM as needed.	8/6/2007
pkautz	pool requires 640 acres	8/7/2007

Permit Conditions of Approval

Operator: MEWBOURNE OIL CO , 14744

Well: PALOMA 20 ST COM #001

API: 30-025-38546

OCD Reviewer	Condition
pkautz	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
DMULL	Will require administrative order for non-standard spacing unit
pkautz	Must bring cement on production string up to 8000'