

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

JUL -9 2009

Form C-101
Permit 98522

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 30-015-37182
4. Property Code 37762	5. Property Name APOLLO 22 STATE	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
F	22	20S	27E	F	1980	N	1980	W	EDDY

8. Pool Information

AVALON;MORROW (GAS)	70920
---------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3269
14. Multiple N	15. Proposed Depth 11150	16. Formation Morrow	17. Contractor	18. Spud Date
Depth to Ground water 66		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner. Synthetic <input checked="" type="checkbox"/> 12 muls 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	500	500	0
Intl	12.25	9.625	40	2300	1000	0
Prod	8.75	4.5	11.6	11150	950	8000

Casing/Cement Program: Additional Comments

MOC proposes to drill & test the Morrow & intermediate formations. H2S: Rule 118 does not apply to this well because MOC has researched this area & no high concentrations were found. Will have on location & working all H2S safety equipment before Yates 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"/> . Printed Name: Jackie Lathan Title: Hobbs Regulatory Email Address: jathan@mewbourne.com Date: 7/7/09 Phone: 575-393-5905	OIL CONSERVATION DIVISION	
	Approved By: <i>Jackie Lathan</i>	
	Title: <i>Geologist</i>	
	Approved Date: 7/30/09 Expiration Date: 7/30/2011	

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 98522

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-37182	2. Pool Code 70920	3. Pool Name AVALON;MORROW (GAS)
4. Property Code 37762	5. Property Name APOLLO 22 STATE	6. Well No 001
7. OGRID No 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3269

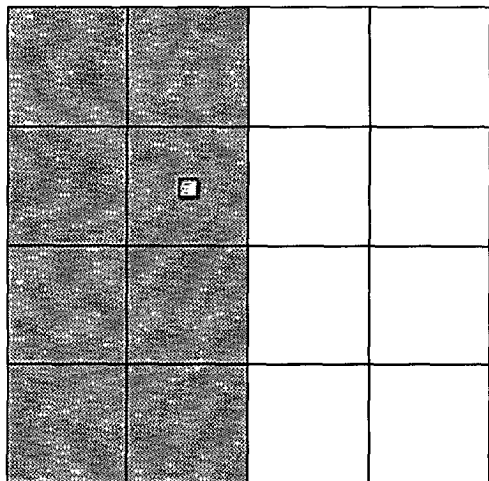
10. Surface Location

UL - Lot F	Section 22	Township 20S	Range 27E	Lot Idn	Feet From 1980	N/S Line N	Feet From 1980	E/W Line W	County 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

**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:

Title:

Date:

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: 7/7/2009

Certificate Number: 7977

Permit Comments

Operator: MEWBOURNE OIL CO , 14744

Well: APOLLO 22 STATE #001

API:

Created By	Comment	Comment Date
NMYOUNG	Mud Program: 0-500' FW mud. 500'-2300' FW w/sweeps 2300'-TD Cut Brine w/starch mud.	7/7/2009