

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IF  
(Other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NM 83581</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Mewbourne Oil Company</b>		7. UNIT AGREEMENT NAME <b>7869</b>
3. ADDRESS AND TELEPHONE NO. <b>PO Box 5270, Hobbs, New Mexico 88241, 505-393-5905</b>		8. FARM OR LEASE NAME, WELL NO. <b>Burton Flats "5" Federal #4</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>660' FSL &amp; 660' FEL</b> At proposed prod. zone <b>Same</b>		9. API WELL NO. <b>30-015-31628</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>14 miles NNE of Carlsbad, NM</b>		10. FIELD AND POOL, OR WILDCAT <b>Angell Ranch Atoka/Morrow</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drg. unit line, if any) <b>660'</b>		11. SEC., T., R., M., OR BLK AND SURVEY OR AREA <b>Sec.5 T-20S R-28E</b>
16. NO. OF ACRES IN LEASE <b>638.88</b>		12. COUNTY OR PARISH <b>Eddy</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>320</b>		13. STATE <b>NM</b>
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>3200'</b>		19. PROPOSED DEPTH <b>11200'</b>
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3289' GL</b>
22. APPROX. DATE WORK WILL START* <b>02/08/00</b>		

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23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48#	450'	Circl to Surface
12 1/4"	8 5/8" J-55	32#	3000'	Circl to Surface
7 7/8"	5 1/2" N-80	17#	11200'	600' above pay

- 1) Location & Elevation Plat (NMOCD Form C102)
- 2) Drilling Program
- 3) Surface Use & Operation Plan
- 4) Schematic Diagram of BOP & Choke Manifold (Exhibit 2 & 2A)
- 5) Map of Existing & Planned access Road, Location, & On-Lease ROW for gas line (Exhibits 3, 3A & 3A\*)
- 6) List of Off-Set wells
- 7) Proposed Drilling Rig Layout (Exhibit 5)
- 8) Proposed Production Facilities (Exhibit 6)
- 9) H2S Contingency Plan (Exhibit 7)

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL REGULATIONS  
ATTACHED

IN ABOVE SPACE DESCRIBE PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.  
SIGNED *A.M. Young* TITLE N.M. Young District Manager DATE 01/08/01  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:APPROVED BY *1811 J. P. BOWEN* TITLE *FOR THE DISTRICT MANAGER* DATE *FEB 20 2001*

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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JAN 09 2001  
BLM  
ROSWELL, NM