

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

427

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0275360 0540701A	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mewbourne Oil Company			7. UNIT AGREEMENT NAME 24757	
3. ADDRESS AND TELEPHONE NO. P. O. Box 5270, Hobbs, NM 88241 505-393-5905			8. FARM OR LEASE NAME, WELL NO. Ranch Hand "18" Fed Corn #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 660' FEL of Section 18 At proposed prod. zone			9. API WELL NO. 30-015-31075	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles South of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Carlsbad, South Morrow	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drg. unit line, if any) 360'			11. SEC., T., R., M., OR BLK AND SURVEY OR AREA Section 18-T23S-R27E	
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT 2640'			19. PROPOSED DEPTH 12,200'	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* 03/30/00	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3230' GR			22. APPROX. DATE WORK WILL START* 03/30/00	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H40, 13-3/8"	48#	400'	400 sacks (circulated to surface)
12-1/4"	J55, 9-5/8"	36#	2600'	1000 sacks
8-3/4"	N80, 5-1/2"	17#	12200'	600 sacks

Mewbourne Oil Company proposes to drill this well to a depth of 12,200' or a depth sufficient to test the Morrow Formation for gas production. If productive, the well will be equipped with 5-1/2" casing to total depth. If nonproductive, the well will be plugged and abandoned in accordance with regulatory guidelines. Specific plans are outlined in the following attachments:

- 1) Drilling Program
- 2) Surface Use and Operation Plan
- 3) Exhibit #1 Location and Elevation Plat
- 4) Exhibit #2, #2A Schematic of Blowout Preventer and Choke Manifold
- 5) Exhibit #3, #3A Existing and Planned Access Road and Location
- 6) Exhibit #4 Immediate Radius Map
- 7) Exhibit #5 Proposed Drilling Rig Layout
- 8) Exhibit #6 Proposed Production Facilities Layout
- 9) Exhibit #7 Hydrogen Sulfide Contingency Plan

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS**



* in order to cover all oil, gas & water bearing zones.

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 Joey Elgu TITLE District Manager DATE 02/20/00
(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 Assistant Field Manager, Lands And Minerals DATE APR 10 2000

*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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