

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
NM 4609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "E"

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
27-18S-32E

12. COUNTY OR PARISH
Lea

13. STATE
N.M.

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
MEWBOURNE OIL COMPANY

3. ADDRESS OF OPERATOR
330 Citizens Bank Building, Tyler, Texas 75702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
990' from West Line and 2310' from North Line
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11-1/2 mi. north to Maljamar

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit lide, if any) 990'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3620'

19. PROPOSED DEPTH
4200'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3740 GR

22. APPROX. DATE WORK WILL START*
September 1, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	1200'	400 sacks - circulate
7-7/8"	4-1/2"	17#	4200'	800 sacks

Shaffer Model 39-3000 Hydraulic Blowout Preventer

Mud Program:

Drill with Brine Water
Flush hole with mud for logging

Unless Drilling Operations have
Commenced, this drilling approval
Expires 11-1-77

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Marjorie Lotz TITLE Production Clerk DATE 7-7-77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
AUG 1 1977
BERNARD MOROZ
ACTING DISTRICT ENGINEER

"APPROVAL TO FLARE GRANTED
WHILE DRILLING AND TESTING."

*See Instructions On Reverse Side

RECEIVED

AUG 2 1977

CIL CONSERVATION COMM.
HOBBS, N. M.