

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21499

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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
BURMAH OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR
600 Western United Life Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
660' FNL, 1980' FWL, Sec. 22, T-24-S, R-28-E
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1.5 miles S.W. of Malaga, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	660'	16. NO. OF ACRES IN LEASE	200	17. NO. OF ACRES ASSIGNED TO THIS WELL	320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	None	19. PROPOSED DEPTH	14,000'	20. ROTARY OR CABLE TOOLS	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3015' GL
22. APPROX. DATE WORK WILL START*
April 1, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	650'+	850 sx
12-1/4	9-5/8	40#, 43.5#, 47#	9000'	3600 sx in two stages *
8-1/2	5-1/2 liner	20#	14,000'	1200 sx

If Hole Conditions Permit:

1. Drill size hole & set csg as indicated above.
2. DST any shows of oil and/or gas.

* DV tool for second stage to be set at 5300'.

If Hole Condition Necessitates:

1. Drill size hole and set csg as indicated above except for:
Set 9-5/8" at some shallower depth
Drill 8-1/2" hole and set 7-5/8" liner to 9000'.
Set 5-1/2" liner as indicated above
2. DST any shows of oil and/or gas.

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 D. G. Cates, II. TITLE Petroleum Engineer DATE 3-11-75

(This space for Federal or State office use)

PERMIT NO. _____ SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973 APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUN 14 1975 *See Instructions On Reverse Side

RECEIVED

MAR 17 1975

O. C. C.
ANTERIAL OFFICE