

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 14710		
2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
3. NAME OF OPERATOR TEXACO INC. & DARRELL SMITH		7. UNIT AGREEMENT NAME		
4. ADDRESS OF OPERATOR P. O. BOX 3109, MIDLAND, TEXAS 79701		8. FARM OR LEASE NAME (USA) "H" NCT-1		
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' ENL & 1980' FWL, Sec. 3, T-1-N, R-31-E At proposed prod. zone Same		9. WELL NO. 1		
6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles Southwest of Melrose, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat		
7. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T-1-N, R-31-E		
8. PROPOSED DEPTH 1st Well 7000'		12. COUNTY OR PARISH Curry		
9. ELEVATIONS (Show whether DF, RT, GR, etc.) Unavailable		13. STATE New Mexico		
10. NO. OF ACRES IN LEASE 238.85		14. NO. OF ACRES ASSIGNED TO THIS WELL 3000		
15. PROPOSED DEPTH 7000'		16. ROTARY OR CABLE TOOLS Rotary		
17. APPROX. DATE WORK WILL START* At Once				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4"	42	350'	* 350 sx 250% to circulate
11"	8 5/8"	24	2600'	** 800 sx 200% to circulate
7 7/8"	5 1/2"	14, 15.5, 17	7000'	*** 500 sx 150% to bring cmt. to 4000'

(SEE ATTACHED SHEET)

CONDITION OF APPROVAL:

Furnish duplicate sample description 10' intervals, and core description if well is cored.

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 Bethel L. Eiland TITLE Civil Engineer DATE April 24, 1973
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

APPROVED
MAY 3 1973
CIVIL ENGINEER
DISTRICT ENGINEER