

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. 0555297		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			6. IF INDIAN, ALLIGATOR OR TRIBE NAME		
2. NAME OF OPERATOR Tenneco Oil Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203			8. FARM OR LEASE NAME Cedar Lake		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface At proposed prod. zone 2300' FNL and 2300' FWL			9. WELL NO. #1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Quemadero Plains		
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drill unit line, if any.) 2300'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T18S, R32E		
15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.			12. COUNTY OR PARISH, 13. STATE Lea New Mexico		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3774			17. NO. OF DEEPS ASSIGNED TO THIS WELL 40		
19. NO. OF ACRES IN LEASE 80			20. ROTARY OR CABLE TOOLS Rotary		
19. PROPOSED DEPTH 4250'			22. APPROX. DATE WORK WILL START* October 28, 1974		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
30"	21"	Culvert	30'	Ready mix to surface.
12 1/2"	8 5/8"	24#	500+	Sufficient to circulate.
7 7/8"	5 1/2"	17#	4250±	1st Stage 2500' or sufficient to cover base of salt zone.

Well is to be drilled to approximate TD of 4250', log and if commercial production is indicated, run 5 1/2 casing to TD and cement one stage 2500' or sufficient to cover base of salt zone. Perforate casing and test formation as necessary to establish production. B.O.P. to be tested each 24 hr. of operation.

APPROVED

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.

SIGNED A. C. Campbell TITLE Senior Production Clerk DATE 10/14/74
(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____

APPROVED
OCT 17 1974
ARTHUR R. BROWN
DISTRICT ENGINEER

DATE _____

*See Instructions On Reverse Side