

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. NM-01334-B
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR TEAC INC. 7 DARRELL UNIT			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. BOX 3109, MIDLAND, TEXAS 79701			8. FARM OR LEASE NAME A. V. Lapp - Federal NCT-1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface 1980' FSL - 1980' FSL of Sec At proposed prod. zone Same			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles North of Pecos, New Mexico			10. FIELD AND POOL, OR WILDCAT Todd, Wolfcamp
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-7-S, R-35-E
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Roosevelt
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1st Well			19. PROPOSED DEPTH 7630'
20. ROTARY OR CABLE TOOLS Rotary			21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR. 4219'
22. 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'	*380ex-300' to Circulate
11"	8 5/8"	24#, 22#	3600'	**600ex-200' Back to 1800'
7 7/8", 10 3/4"	4 1/2"	9.5# 10.5# 11.6#	7630'	***1st St.-400 ex (150' to tie back) 2nd St.-500 ex

*380ex Class C + 22 CaCl 14.8 ppg. 300' to Circulate
**300ex TLW 12 ppg. followed by 300ex Class C + 10#/sk salt 15 ppg. (200' to bring cement to 1800')
***1st Stage-400ex Class C Neat at 14.8 ppg.-Circulate 4-6 hours between stages
2nd Stage-400ex TLW 12 ppg. followed by 150ex Class C-14 ppg. (150' to tie back in 8 5/8" casing)

COMPLETION PROGRAM

1. Perforate Wolfcamp porosity
2. Acidize wells 1000 gal. 10% HCl at 0.75 BPM
3. SWAB Test

FORMATION TOPS

Yates 2340' Abo 6730' Wolfcamp "B" Zone 7615'
Top San Andres 3500' Wolfcamp "A" Zone 7500' TOTAL DEPTH 7630'

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 J. J. Velten TITLE Division Civil Engineer DATE November 8, 1971
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE AT-30752 DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

RECEIVED

NOV 16 1971

OIL CONSERVATION COMM.
HOBBS, N. M.