

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. N M - 0534316
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR PIERCE & DEHLINGER OIL OPER.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 815 Petroleum Building Midland, Texas		8. FARM OR LEASE NAME Union Fed
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 510 FSL & 1980' FEL At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles N.W. Crossroads		10. FIELD AND POOL, OR WILDCAT Vada Perm
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 510'	16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 34 T 85 R 34 E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 9800'	12. COUNTY OR PARISH Roosevelt
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4267'	17. NO. OF ACRES ASSIGNED TO THIS WELL 160	13. STATE N.M.
22. APPROX. DATE WORK WILL START* 2/20/75		
23. Existing PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT
17 1/2"	12 3/4"	40 #
11"	8 5/8"	24-32 #
7 7/8"	5 1/2"	17#
		SETTING DEPTH
		400'
		3950'
		9625'
		QUANTITY OF CEMENT
		425 sacks
		400 sacks
		400 sacks

This well is no longer productive in the Bough C Formation
Propose to plug back and attempt recompletion in San Andres Formation as follows

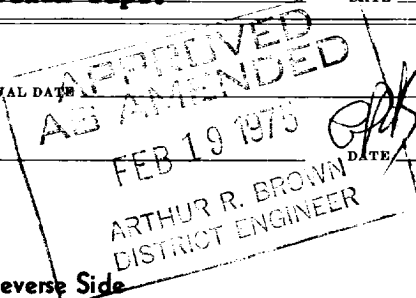
1. Set CIBP @9550' cap w/35' cement- perfs fr 9594-9615
2. Lead hole w/ mud laden fluid
3. Set CIBP @7540 top of cement outside 5 1/2" casing *Cap with 35' cement*
4. Cut off 5 1/2" casing above top of cement - pull 5 1/2" casing
5. Run tubing and spot 100' cement plug @ stub of 5 1/2", spot 100' plug @ top of Glorieta Formation 5310'
6. Run 5 1/2" casing liner fr 3800' thru San Andres Formation to circulate cement behind liner.
7. Attempt completion in San Andres Formation

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 <i>Arthur R. Brown</i>	TITLE Production Supt.	DATE 2/19/75
(This space for Federal or State office use)		
PERMIT NO. _____	APPROVAL DATE _____	
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

Perfs 9594 - 9615

*See Instructions On Reverse Side



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.