

U. S. GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-015-22072

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒RECEIVED  
DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

JAN 12 1977

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Texas Oil &amp; Gas Corp.

3. ADDRESS OF OPERATOR

900 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)

At surface 1087' FNL &amp; 2280' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

20 miles southwest of Carlsbad, New Mexico.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1007

16. NO. OF ACRES IN LEASE

320

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.

233

19. PROPOSED DEPTH

10,300

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4689' GL

22. APPROX. DATE WORK WILL START\*

12-15-76

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48	400	400 sx.
12½"	8-5/8"	24	2500	Back to surface as indicated by callipers
7-7/8"	4-1/2"	11.6	10,300	As indicated by callipers

DRILLING PROCEDURE  
HUBER FEDERAL #1

1. Drill 17½" hole to 400' and set 13-3/8" casing.
2. Drill 12½" hole to 2500' and set 8-5/8" casing. Use Salt water with gel for viscosity. Put on BOP and Rotating head.
3. Drill 7-7/8" hole using fresh water to approximately 6000'. Add brine to system for 9.0-9.5 PPG. Use flosal to sweep hole and add drispac and starch to reduce water loss to 10 or less by 7000'.
4. DST as required.
5. Run open hole logs at TD, 10,300.
6. Run 4½" casing, for completion through preforations.

Gas not dedicated

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. R. Colter*

J. R. Colter

TITLE

Staff Engineer

DATE

November 3, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

*J. R. Colter*

ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN  
APPROXIMATE DATE  
EXPIRES  
APR 7 - 1977DECLARED WATER BASIN  
1336  
88  
CEMENT BEHIND THE  
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THE 88 CASING.

\*See Instructions On Reverse Side