

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 ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐

NOV 24 1976

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Texas Oil & Gas Corp.

O. C. C.
ARTESIA, OFFICE

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 2310' FNL & 1980' FWL.

At proposed prod. zone

Same

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

3 miles west of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

11,500

20. ROTARY OR CABLE TOOLS

Rotary

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

Unknown

22. APPROX. DATE WORK WILL START*

Dec. 15, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350'	350 sx.
12-1/4"	9-5/8"	40#	2700'	As calipers indicate.
8-1/2" & 7-7/8"	4-1/2"	11.6# & 13.5#	11,500'	As calipers indicate.

DRILLING PROCEDURE

1. Drill 17-1/2" hole to approximately 350' and set 13-3/8" casing.
2. Drill 12-1/4" hole to approximately 2700' (to Delaware IS) and set 9-5/8" casing. Use brine water and flosal. If reef is present cement to surface. Possibly have to dry drill if reef is present.
3. Drill 8-1/2" hole to approximately 8600' (Wolfcamp). If no lost circulation present, reduce hole to 7-7/8" and drill to 10,200' (Strawn) using 10 PPG brine. If hole problems exist run 7" casing and reduce hole to 6-1/4" and drill ahead.
4. At 10,200' add starch and drispac for water loss of 20 or less.
5. Drill to 10,800' (Top of Morrow) and reduce water loss to 5 or less with starch or drispac if more weight is required. As gel and barite as needed (possible to 11.0-11.5 PPG). DST as required.
6. Run open hole logs at TD, 11,500'.
7. Run 4-1/2" casing or liner at TD, 11,500'.

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

TITLE Staff Engineer

DATE October 29, 1976

(This space for Federal or State office use)

PERMIT NO.

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

FEB 23 1977

DATE

DECLARED WATER BASIN

*See Instructions On Reverse Side
CEMENT BEHINDS CASE
CASING MUST BE CIRCULATEDNOTIFY US IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.