

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
REVISED AS PER
REQUEST

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 ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

TEXACO INC.

3. ADDRESS OF OPERATOR

P. O. BOX 3109, MIDLAND, TEXAS 79701

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

At surface

660' FNL&660' FWL, Section 21, T18S-R30E

At proposed prod. zone

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

Six miles South of Loco Hills, 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

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

1320'

19. PROPOSED DEPTH

3330'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR - 3509'

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
9 7/8"	7 5/8"	24#, 15.28#	500'	*450 sx - 250% to circ.
6 3/4"	4 1/2"	10.5#	3330'	**825 sx - 150% to circ.

*Cement with 450 sx Class "C" 1% CaCl. (250% to circ.)

**Cement with 500 sx TLW w/10% salt 12.2#/gal followed by 325 sx Class "C" (150% to circ.).

COMPLETION PROGRAM

1. Selectively perf. pay w/2 JSPF.
2. Treat w/1500 gal 15% NE acid staged w/balls.
3. Frac w/30,000 gal refined oil w/40,000# of sand max press. 4400 psi.

FORMATION TOPS EXPECTED

Anhydrite 255'
Base of Salt 1300'Queen 2555'
Total Depth 3330'

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



TITLE

Division Civil Engineer

DATE

3/7/67

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

MAR 14 1967

O. C. C.
ARTESIA, REC'D

*See Instructions On Reverse Side

RECEIVED
MAR 10 1967U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICORECEIVED
MAR 8 1967
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO