

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

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

2080' FNL&760' FWL, Section 10, T25S-R32E

At proposed prod. zone

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

22 miles Southeast of Magala, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

4520'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

*15,490'

*1200' to well in different pay

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

Not available

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	600'	*1300 sx - 120% calip. vol.
17 1/2"	13 3/8"	54.5#, 61#, 68#, 72#	4,700'	**3300 sx - 125% calip. vol.
12 1/2"	10 3/4"	60.7#	12,600'	***3300 sx - 120% calip. vol.
9 1/2"	8 5/8" (liner)	49#	12,000-16,700'	****1000 sx - 130% calip. vol.
7 3/8" (below 8 5/8" liner)	40#		0-12,000'	*****1000 sx - sufficient vol. to tieback string of 8 5/8" csg. from 0-12,000'

*1000 sx Trinity Lite Wate, w/10% salt & 1/4# Flocele/sx followed by 300 sx Class "C" Neat (120% calip. vol.). **3000 sx Trinity Lite Wate, 10% salt followed by 300 sx Class "C" Neat (125% calip. vol.). ***1st Stage - 900 sx Trinity Lite Wate, 105% wtr. 1.0% D60, 1/4# Flocele/sx followed by 800 sx Class "C" Neat w/23.5# salt/sx (Class "C" slurry to cover interval from 10,500' to 12,600'. 2nd Stage - 1000 sx Trinity Lite Wate, 105% wtr. 1.0% D60, 1/4# Flocele/sx. 3rd Stage - 600 sx Trinity Lite Wate w/10% salt (120% calip. vol.). ****1000 sx Class "E" cmt (130% calip. vol.). *****1st Stage - 400 sx Class "C" Neat w/0.3% D28. 2nd Stage - 600 sx Trinity Lite Wate (sufficient volume to tieback string of 8 5/8" casing from 0-12,000').

COMPLETION PROGRAM

Complete Devonian open hole with 1,000 gals. 15% NE acid, if necessary.

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

1/31/67

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FORMATION TOPS EXPECTED

Delaware Sand	4,700'
Bone Spring	8,700'
Wolfcamp	11,350'
Strawn	13,900'

*See Instructions On Reverse Side

Morrow	14,750'
Lw. Mississippian	16,150'
Devonian	16,700'
Total Depth	17,200'