

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22783

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

Tessa Petroleum Co.

3. ADDRESS OF OPERATOR

1000 Pavilion Building, Midland, Texas 79701

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

At surface

1880' TSS and 1995' FEL

At proposed prod. zone

Same

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

3-1/2 mi. S. E. of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

300'

16. NO. OF ACRES IN LEASE

440 640

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.

20'

19. PROPOSED DEPTH

2800'

20. ROTARY OR CABLE TOOLS

Cable and Rotary

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

3384.5' GR

22. APPROX. DATE WORK WILL START*

January 1, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-5/8"	43#/	300'	350 SK
11"	8-5/8"	22#/	1700'	500 SK 12" + 200 SK
11-7/8"	4-1/2"	16.5-18.5#/	2800'	500 SK OF SUFFICIENT TO COVER all pay

Propose to drill surface hole to 2800' without BOP's. After cementing casing and installing bithead, will nipple up 12" API 3000 psi BOP's and drill intermediate hole to 1700'. Will set 8-5/8" casing and cement with volume adequate to raise cement to surface. Will nipple up 12" API 3000 psi BOP's and drill to total depth with cut brine. Maximum mud weight should not exceed 9.3 LBG based upon similar area wells.

Gas sales are 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

Edward N. Lueder

TITLE

Agent for

Tessa Petroleum Co.

DATE

12/8/78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

1-4-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side