

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Pogo Producing Company

3. ADDRESS OF OPERATOR

P. O. Box 10340 Midland TX 79702-7340

RECEIVED

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

At surface

1980' FNL & 1980' FWL

At proposed prod. zone

1980' FNL & 1980' FWL

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

35 miles West of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

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.

200'

19. PROPOSED DEPTH

n/a

20. ROTARY OR CABLE TOOLS

0-15,377

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

3486.6 GR

22. APPROX. DATE WORK WILL START*

2/20/91

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|--------------------------|------------------------------------|
| 26" | 20" | 94 | 599 | 825 sxs - circ 200 sxs |
| 17-1/2" | 13-3/8" | 68 & 61 | 4,441 | 3500 sxs - circ 390 sxs |
| 12-1/4" | 9-5/8" | 53.5, 47, 43.5 | 11,862 | 3395 sxs - DV tool @ 7889 TOC 6200 |
| 8-1/2" | 7" | 35 | 11,464 Top 14,720 Btm | 700 sxs |

Proposal: After failing to establish reserves in both the Atoka and Wolfcamp formations, Pogo has elected to plug back to the Lower Delaware (8228-8238)

Procedure: Release anchor seals @ 11,925, set CIBP @ 11,900, spot 50' cmt plug on CIBP, spot 200' plug over liner top (11,364-564), tag same, set CIBP @ 9000' and cap w/35' cmt, run CBL, blk squeeze if necessary, perforate and stimulate Lower Delaware 8228-8238. Test and Potential.

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 Div. Operations Supervisor

DATE 2/07/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

2/15/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side