

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

V. H. WESTBROOK

3. ADDRESS OF OPERATOR

P. O. BOX 2264, HOBBS, NM 88241

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

At surface

660' FNL & 560' FWL

At proposed prod. zone Same

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

7 Miles North of Jal

15. DISTANCE FROM PROPOSED*

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

NA

16. NO. OF ACRES IN LEASE

80

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.

NA

19. PROPOSED DEPTH

3700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3345' GL

22. APPROX. DATE WORK WILL START*

4-2-90

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12-1/4" | 8-5/8" | 24# | 1220' | 625 sks. |
| 7-7/8" | 5-1/2" | 15.5# | 3700' | 1500 sks. |

It is proposed to set a cast iron bridge plug, w/ 50' cement on top, at 3430', then perforate Jalmat gas at 2938-43, 2952-56, 2974-78, 3000-09, 3042-44, 3055, 3104-3110, 3114-3121, 3178-80, 3222-30 w/1 jsp. Acidize w/1500 gals. 15% NE acid, swab back. Then fracture w/46,000 gals. 50% CO₂ & 50% H₂O and 114,000# of sand (36,000# 20/40 and 78,000# 12/20 sand), flow back and test well.

Present perforations are in Langley Mattix from 3602' to 3380'
(3454, 3456, 3458, 3474, 3494, 3528, 3536, 3538, 3564, 3588, 3599, 3602)

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 Patricia Westbrook TITLE Office Manager DATE 4-2-90

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

Orig. Signed by Adam Salameh

APPROVED BY _____

TITLE PETROLEUM ENGINEERDATE 4-12-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

APR 18 1990

OCD
HOBBS OFFICE