

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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|---|--|---|
| 1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM 0417023 |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____ |
| 2. NAME OF OPERATOR Phillips Petroleum Company | | 7. UNIT AGREEMENT NAME _____ |
| 3. ADDRESS OF OPERATOR Room 711, Phillips Building, Odessa, Texas 79761 | | 8. FARM OR LEASE NAME James-D |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FS & 1980' FW lines (Unit N) At proposed prod. zone Same | | 9. WELL NO. 1 |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 33 NE Carlsbad | | 10. FIELD AND POOL, OR WILDCAT Cabin Lake Strawn-Oil |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 660' FS | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 26, 21-S, 30E |
| 16. NO. OF ACRES IN LEASE 640 | | 12. COUNTY OR PARISH Eddy |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | | 13. STATE N. M. |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. _____ | | 20. ROTARY OR CABLE TOOLS Rotary |
| 19. PROPOSED DEPTH 12,000' | | 22. APPROX. DATE WORK WILL START* Upon approval |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3248' DF | | |

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---|--------------------|
| 20" | 16" | 65# | 410' (Cmtd w/890 sx Class H w/LWL, 5 yds readymix - Circ.) | |
| 15" | 11-3/4" | 42,47# | 3635' (Cmtd w/2000 sx TRLW w/2% CaCl ₂ , 2# salt, 1/4# Flocele/sx, & 300 sx Class C w/2% CaCl ₂ & 19.6# salt/sx. Circ 400 sx. | |
| 10-5/8" | 8-5/8" | 28,32# | 11,194' (Cmtd w/400 sx Class H w/additives TOC @9175'). | |
| 7-7/8" | 5-1/2" | 17,20,23# | 13,640' (Cmtd w/650 sx Class H w/1/10% LWL & 2% KCL. TOC @9130'). | |

Propose to PB from 13,640' to approximately 12,500', perforate Strawn zone approximately 11,979-S2', test and complete.

(Well originally drilled to 13,640' to test Morrow zone which has never been commercial and never officially completed therein).

RECEIVED

OCT 22 1974

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true depths. Give blowout prevention program, if any.

Signed W. J. Mueller TITLE Senior Reservoir Engineer DATE 10-21-74
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY
CONDITION OF APPROVAL, IF ANY

TITLE _____

DATE _____

*See Instructions On Reverse Side