

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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| 1a. TYPE OF WORK GAS <input type="checkbox"/> OIL <input checked="" type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. LC-032104 | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Texaco Inc. | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR P.O. Box 730, Hobbs, NM 88240 (505) 393-7191 | | 8. FARM OR LEASE NAME A. H. Blinebry Fed. NCT-1 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL, 1980' FEL, Unit Letter J At proposed prod. zone | | 9. WELL NO. 30 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 mile SE Eunice, NM | | 10. FIELD AND POOL, OR WILDCAT Tubb Oil & Gas | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T-22-S, R-38-E | |
| 16. NO. OF ACRES IN LEASE | | 12. COUNTY OR PARISH | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL | | 13. STATE NM | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | | 19. PROPOSED DEPTH | |
| 20. ROTARY OR CABLE TOOLS | | 21. APPROX. DATE WORK WILL START* January 25, 1991 | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3396' KB | | 22. APPROX. DATE WORK WILL START* January 25, 1991 | |

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLES | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---------------|----------------|-----------------|---------------|--------------------|
| 11" | 8-5/8" | 17.28 | 1370' | 530 SX |
| 7-7/8" | 2-7/8" | 6.5 | 7200' | 1250 SX |

- MIRU pulling unit.
- TIH w/WS and dump 35' cmt on top of CIBP at 6405' for a new PBTD-6370'. Load hole w/2 1/2 KCl water. TOH w/WS.
- TIH w/2-7/8" pkr on WS. Set pkr at 3000. Test CIBP and csg with 2600 psi surface pressure down tbg. Test csg by pressuring backside w/4000 psi surface pressure. Release pkr and TOH w/WS and pkr.
- RU wireline. TIH w/GR-CCL and log from PBTD to 5000'. TOH w/logging tool.
- RU 5000 psi lubricator w/packoff. TIH w/2" perforating gun and perforate the following Tubb interval w/2 JSPF: 6304'-6318' and 6320'-6332' for a total of 54 holes. TOH w/gun.
- Acidize perforations 6304'-6332' w/2500 gallons 15% NEFE and 80 1.3 S.G. ball sealers. Swab back load (run swab through perforated interval to assure ball sealers are knocked of perfs). Check for shows.
- Fracture perforations 6304'-6332' w/36,500 gallons 35# borate cross-linked gel carrying 136,500# 12/20 Brady sand at an average injection rate of 15 BPH, avg surface treating pressure of 3000 psi w/a maximum surface treating pressure not to exceed 4000 psi using the following pump schedule:
A. 14,000 gallons pad
B. 1000 gallons w/2 ppg sand
C. 1500 gallons w/3 ppg sand
D. 2000 gallons w/4 ppg sand
E. 3000 gallons w/5 ppg sand
F. 4000 gallons w/6 ppg sand
G. 5000 gallons w/7 ppg sand
H. 6000 gallons w/8 ppg sand
I. Flush short of top perf, approx. 36 bbls 2 1/2 KCl.
- Flow/swab back load. Test.

VERBAL BY MR. SHANNON SHAW 1-25-91

(DOWNHOLE SKETCH ON REVERSE)


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 Dr. Johnson TITLE Engr. Asst. DATE 1-25-91
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 1-30-91
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NATIONAL

 42 181 10 SHEETS 3 SQUARE
 42 182 100 SHEETS 3 SQUARE
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