

NM OIL CONS. COMMISSION
Drilled 80
Artesia, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED BY
SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)
DEC 30 1985
O. C. D.
ARTESIA OFFICE NM 2748

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985
30-015-25540

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|--|---|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 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"/> | | 7. UNIT AGREEMENT NAME |
| 2. NAME OF OPERATOR Burnett Oil Co., Inc. ✓ | | 8. FARM OR LEASE NAME Gissler "B" |
| 3. ADDRESS OF OPERATOR 1500 InterFirst Tower, Fort Worth, TX 76102 | | 9. WELL NO. 22 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit Letter N, 1980 FWL, 660' FSL, Sec. 11, T17S, R30E At proposed prod. zone Same 1880 U.N | | 10. FIELD AND POOL, OR WILDCAT X Square Lake (GB-SA) |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T17S, R30E | | 12. COUNTY OR PARISH Eddy |
| 13. STATE NM | | 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles NE of Loco Hills, NM |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 933' | 16. NO. OF ACRES IN LEASE 480(contiguous) | 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. 1320' | 19. PROPOSED DEPTH 3550' | 20. ROTARY OR CABLE TOOLS Rotary |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3705' GR 3701' | | 22. APPROX. DATE WORK WILL START* 12/15/85 |

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" OD | 24 | 400' | ±300 sks. Cl. C (circulate) |
| 7-7/8" | 5 1/2" OD | 15.50 | 3550' | ±500 sks. Cl. C w/ 6% salt |
| (If water flows encountered, cementing program will vary on long string.) | | | | |

A 12 1/4" surface hole will be drilled to the Rustler Anhydrite. 8-5/8" casing will be run and cemented to surface. After testing casing, a 7-7/8" OD hole will be drilled through the Jackson zone @ ±3550'. Open hole logs will be run (if no water is flowing) and, if commercial, 5 1/2" casing will be run and cemented back to the base of the salt @ ±1250'. BOP equipment will be double ram, tested to 3000 psi before drilling 7-7/8" hole.

Rested API,
ID, NL
1-11-86

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. John E. McPhaul SIGNED TITLE Production Superintendent DATE 11/21/85
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY David Adams Acting TITLE _____ DATE 12-26-85
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side