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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [] PLUG BACK []
b. TYPE OF WELL: OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []
2. NAME OF OPERATOR: EQUITABLE PETROLEUM CORPORATION
3. ADDRESS OF OPERATOR: Energy Plaza, Suite 200
4. LOCATION OF WELL: 3636 North Causeway Blvd., Metairie, Louisiana 70002
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 30 air miles west of Jal, New Mexico
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.: 660'
16. NO. OF ACRES IN LEASE: 880
17. NO. OF ACRES ASSIGNED TO THIS WELL: 40
19. PROPOSED DEPTH: 6100' Cherry Canyon
20. ROTARY OR CABLE TOOLS: Rotary
21. ELEVATIONS: 3193 G.L.
22. APPROX. DATE WORK WILL START: April 15, 1981

5. LEASE DESIGNATION AND SERIAL NO.: NM-19447
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --
7. UNIT AGREEMENT NAME: --
8. FARM OR LEASE NAME: EXXON FEDERAL
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: East Mason--Delaware Ext.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 8-26S-32E
12. COUNTY OR PARISH: Lea
15. STATE: N. M.

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: 11", 8 5/8", 24 #, 550', Circulate cement to surface. Row 2: 7 7/8", 5 1/2", 14 & 15.5 #, 6100', Circulate back to Base of Salt but not less than 150 sacks.

Well will be drilled to 4500 feet and the Upper Delaware Sands will be evaluated. If commercial production is not indicated, well will be drilled to 6050' and the Sand Dunes porosity zone will be tested. If warranted, pay intervals will be stimulated.

See attached for:

- 1. Well Location and Acreage Dedication Plat
2. Supplemental Drilling Data (including BOP Sketch)
3. Surface Use Plan

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: James A. Knäuf, TITLE: Agent, DATE: 3-19-81

PERMIT NO. APPROVED, APPROVAL DATE: MAR 27 1981, APPROVED BY: GEORGE H. STEWART, TITLE: DISTRICT SUPERVISOR

JAMES A. GILMAN, DISTRICT SUPERVISOR *See Instructions On Reverse Side