

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
**NM 086**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-- --

7. UNIT AGREEMENT NAME  
-- --

8. FARM OR LEASE NAME  
**Superior-Federal**

9. WELL NO.  
**5-M**

10. FIELD AND POOL, OR WILDCAT  
**Pearl Queen**

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
**Sec. 25, T-19-S, R-34-E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**New Mexico**

16. NO. OF ACRES IN LEASE  
**600**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

20. ROTARY OR CABLE TOOLS  
**Rotary**

22. APPROX. DATE WORK WILL START\*  
**October 6, 1965**

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  
**D. W. St. Clair**

3. ADDRESS OF OPERATOR  
**501 First Nat'l Bank Bldg., Midland, Texas**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface **400' WL, 990' SL**  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**25 miles southwest from Hobbs**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**1020'**

19. PROPOSED DEPTH  
**5200'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3735 GL**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>11"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>225</b>	<b>125 Sax.</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.50#</b>	<b>Total Depth</b>	<b>270 Sax.</b>

On surface casing cement will be circulated to surface.  
On oil string sufficient cement will be used to come above 3000 feet.  
Will perforate and frac Queen Sand.

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 *D. W. St. Clair* TITLE Operator DATE October 4, 1965

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**

007 5 1965

\*See Instructions On Reverse Side

J. L. GORDON  
ACTING DISTRICT ENGINEER

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.