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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-20813

Form C-101
Revised 1-1-65

FEB 15 1973

O.C.C.

ARTESIA, OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|---|------------------------------|
| 1a. Type of Work | | 5A. Indicate Type of Lease | |
| | | STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 5. State Oil & Gas Lease No. K-3200 | |
| 2. Name of Operator The Superior Oil Company | | 7. Unit Agreement Name | |
| 3. Address of Operator P. O. Box 1900, Midland, Texas 79701 | | 8. Farm or Lease Name State "Q" Com. | |
| 4. Location of Well UNIT LETTER L LOCATED 2235 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 34 TWP. 21S RGE. 26E NMPM | | 9. Well No. No. 1 | |
| | | 10. Field and Pool or Wildcat Undesignated Morrow Wildcat | |
| | | 12. County Eddy | |
| | | 19. Proposed Depth 11,350 | |
| | | 19A. Formation Morrow | |
| | | 20. Rotary or C.T. Rotary 0-11,350 | |
| 21. Elevations (Show whether DF, RT, etc.) GL: 3298' | | 21A. Kind & Status Plug. Bond Blanket | |
| | | 21B. Drilling Contractor Unknown at present | |
| | | 22. Approx. Date Work will start Feb. 25, 1973 | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|-------------------|
| 17-1/2 | 13-3/8" | 48# | 425 | 475 | Circulated |
| *12-1/4 | 9-5/8" | 36# | 2,550 | 1600 | Circulated |
| 8-1/2 | 7" | 23# | 8,450 | 250 | 7000' |
| 6-1/4 | 5" Liner | 18# | 11,350 | 275 | 8250' (Top Liner) |

The above captioned drilling and casing program is planned except that 5" liner will be run only if DST, samples, and logs indicate commercial production. The above well will be drilled in accordance with safe drilling practices using blow out preventers and hydril equipment for proper well control.

* Plan to run DV tool at approximately 1200' with cement basket at 800' and 1500' and cement in two stages using 650 sx Trinity (75%) water followed by 150 sx class "C" for 1st stage. Second stage cement will include 700 sx Trinity (75%) water followed by 100 sx class "C". All cement containing lost circulation additives.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 5-20-73

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed T. D. Clay T. D. Clay Title Petroleum Engineer Date Feb. 2, 1973

(This space for Date Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE FEB 20 1973

CONDITIONS OF APPROVAL, IF ANY: Notify N.M.O.C.C. in sufficient

time to witness cementing

the 9 5/8" casing

Cement must be circulated to
surface behind 13 3/8" + 9 5/8" casing