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NEW RECEIVED
NEW MEXICO CONSERVATION COMMISSION

DEC 18 1976

O.C.C.
ALBUQUERQUE OFFICE

30-015-21824

Form C-101
Revised 1-1-65

| | |
|--|--|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | |
| 1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> c. Name of Operator d. Address of Operator e. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>10</u> TWP. <u>21S</u> RGE. <u>26E</u> NMPM | 5a. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 5. State Oil & Gas Lease No. <u>L 7010</u> 7. Unit Agreement Name 8. Farm or Lease Name <u>Federal 10 State Com.</u> 9. Well No. <u>1</u> 10. Field and Pool, or Wildcat <input checked="" type="checkbox"/> Undesignated <u>Avalon-Morrow</u> 12. County <u>Eddy</u> 13. Proposed Depth <u>11,500</u> 14. Formation <u>Morrow</u> 15. Rotary or C.T. <u>Rotary</u> 16. Provisions (Show whether DP, RA, etc.) <u>3249.3' GR</u> 17A. Kind & Status Plug. Bond <u>Blanket on File</u> 17B. Drilling Contractor <u>To be decided later</u> 22. Approx. Date Work will start <u>1/15/77</u> |

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 | 54.5 | + 500 | 400 | Surface |
| 12-1/4 | 9-5/8 | 32.3 & 36 | 2,600 | 1000 | Surface |
| 8-3/4 | 5-1/2 | 15.5, 17 & 20 | 11,500 | 500 | 10,000' |

It is proposed to drill this well with rotary tools to a depth sufficient to test the Morrow formation, the top of which is anticipated at 10,900'. 13-3/8" casing will be set at + 500 and cemented to the surface. 9-5/8" casing will be set at 2,600' and cemented to the surface. An 8-3/4" hole will be drilled to T.D. and the well logged. If production is indicated, a 5-1/2" production casing string will be set and cemented to protect all potentially productive zones. The zones will be perforated, stimulated if necessary and put on production. A 10" Series 1500 hydraulic double ram blowout preventer will be used while drilling. The preventer will be tested before drilling and operational checks will be made daily. Pit volume totalizers, flow sensors and pump stroke counters will be used.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-21-77

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION, AND 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 V. C. Maddox Title Asst. Dir. Administrator Date 12/9/76

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE DEC 21 1976

CONDITIONS OF APPROVAL, IF ANY:

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

Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing