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Amended Location
NEW MEXICO OIL CONSERVATION COMMISSION
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MAY 17 1977

30-015-22144

Form C-101
Revised 1-1-65

| |
|--|
| 5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. |
| 7. Unit Agreement Name |
| 8. Farm or Lease Name Potter Fed Com |
| 9. Well No. 1 |
| 10. Field and Pool, or Wildcat Undesignated |
| 12. County Eddy |
| 19. Proposed Depth 9800 |
| 19A. Formation Morrow |
| 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 3366 GR |
| 21A. Kind & Status Plug. Bond Blanket |
| 21B. Drilling Contractor Warton |
| 22. Approx. Date Work will start May 26, 1977 |

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"/> |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> |
| 2. Name of Operator Mesa Petroleum Co ✓ |
| 3. Address of Operator 1000 Vaughn Building, Midland, Texas 79701 |
| 4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>860</u> FEET FROM THE <u>North</u> LINE AND <u>1985</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>17S</u> RGE. <u>27E</u> NMPM |
| 19. Proposed Depth 9800 |
| 19A. Formation Morrow |
| 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 3366 GR |
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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 | 300 | 350 | circ to surface |
| 11" | 8-5/8" | 24 | 1700 | 600 LW + 200 | circ to surface |
| 7-7/8" | 4-1/2" | 10.5-11.6 | 9800 | 600 or suff to cover all pay | 7500' |

Propose to drill surface hole to 300' without BOP's. After cementing casing and installing bradenhead, will nipple up 12" API 3000 psi BOP and drill intermediate hole to 1700'. Will set 8-5/8" csg and cement same, then NU 12" API 3000 psi BOP's to drill to total depth with cut brine. Maximum mud weight should not exceed 9.3 PPG, based upon similar area wells.

Acreage for the subject well is not dedicated to a gas purchaser.

Approval was granted to drill the subject well at 660' FNL and 1985' FEL on May 9, 1977. The API number assigned to this well was 30-015-22144. The well site was moved 200 feet further south to gain additional elevation from the main drainage area of Logan Draw. Also, this would permit using an existing unimproved road.

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,**

EXPIRES 8-18-77

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Michael P. Houston Title Division Engineer Date May 16, 1977

(This space for State Use)

APPROVED BY W.A. Gressett

TITLE

SUPERVISOR, DISTRICT

MAY 18 1977

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to

DATE May 18 1977
by N.M.O.C.C. in presence
time to witness cementing