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NEW MEXICO OIL CONSERVATION COMMISSION

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.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|---|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Wiser | |
| 2. Name of Operator Mesa Petroleum Co | | 9. Well No. 1 | |
| 3. Address of Operator 1000 Vaughn Building, Midland, Texas 79701 | | 10. Field and Pool, or Wildcat Undesignated | |
| 4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 13 TWP. 16S RGE. 35# NMPM | | 12. County Lea | |
| 19. Proposed Depth - | | 19A. Formation Wolfcamp | |
| 20. Rotary or C.T. Completion Unit | | 21. Elevations (Show whether DF, RT, etc.) 3979 KB 3966 GR | |
| 21A. Kind & Status Plug. Bond Blanket | | 21B. Drilling Contractor | |
| 22. Approx. Date Work will start 11-1-77 | | | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17½ | 13 | 50 | 370 | 400 | Circ |
| 12½ | 9-5/8 | 47 | 4166 | 350 + 250 | 2000' |
| 8½ | 4½ | 10.5 & 11.6 | 11985 | 1750 | 5830' |

Well was drilled to total depth of 11,985' on 6-15-74 and completed shortly thereafter (on 7-5-74) with the above pipe program. Completion was made in the Strawn selectively from 11,284'---11,332'.

Propose to abandon the Strawn interval 11,284'---11,332' by setting a cast iron bridge plug on wireline at 10,400' and dumping 35' of cement of top of same. Will then perforate, test, and stimulate Wolfcamp interval 10,248'-10,256'.

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. 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 10-26-77

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE 10-26-77

CONDITIONS OF APPROVAL, IF ANY:

XC: JLF, JWH, MEC, RHN, NMOCC (6), FILE, W.I. OWNERS

Handwritten notes at the bottom of the page, possibly a signature or date.