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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

| | |
|---|------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| K 6667 | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|---|---|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Diamond State | |
| 2. Name of Operator Elk Oil Co. | | 9. Well No. 1 | |
| 3. Address of Operator Box 310, Roswell, New Mexico | | 10. Field and Pool, or Wildcat Wildcat | |
| 4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 16S RGE. 34E NMPM | | 12. County Lea | |
| 19. Proposed Depth 12,000 | | 19A. Formation Penn | 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 4113 GL | 21A. Kind & Status Plug. Bond Blanket | 21B. Drilling Contractor Moran Oil Prod. & Drlg. | 22. Approx. Date Work will start 8-15-69 |

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 | 350 | 350 | Circ |
| 11 | 8 5/8 | 24 & 32 | 4500 | 250 | 2500 |
| 7 7/8 | 5 1/2 | 17 | 12,000 | 200 | 6000 |

13 3/8
24 & 32 PRIOR TO RUNNING
CASING

11-20-69

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 [Signature] Title Agent Date 8-6-69

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE AUG 20 1969
CONDITIONS OF APPROVAL, IF ANY: