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NOV 06 '87

O. C. D.

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
LG-4913

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
b. Type of Well  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐  
c. Name of Operator  
ELK OIL COMPANY  
d. Address of Operator  
Post Office Box 310, Roswell, New Mexico 88201  
e. Location of Well  
UNIT LETTER N LOCATED 1980 FEET FROM THE West LINE  
660 FEET FROM THE South LINE OF SEC. 28 TWP. 8S RGE. 27E NMPM  
f. 19. Proposed Depth 6,600' 19A. Formation Penn 20. Rotary or C.T. Rotary  
g. Elevations (show whether DF, RT, etc.) 3892' Gr 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor WEK Drilling 22. Approx. Date Work will start November 10, 1987

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24#	1450'	350	Circ.
7 7/8	5 1/2	15.5#	6600'	300	3800'

Propose to drill to the Penn and test and evaluate all intermediate zones.

Mud Program - 0 - 1450 Fresh water, native mud  
1450 - 4600 Fresh water, native mud  
4600 - 6600 SW gel, flo seal, Vis. 31-35

Blowout prevention diagram attached.

Post ID #1  
ML & API  
11-13-87

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5/13/88  
UNLESS DRILLING UNDERWAY

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 President Date November 5, 1987

(This space for State Original Signed By

Mike Williams

Oil & Gas Inspector

NOV 13 1987

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: