

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED

OCT 23 '87

O. C. D.

30-005-62555
Form C-101
Revised 10-1-78

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LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ARTESIA, OFFICE

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-4917
7. Unit Agreement Name
8. Farm or Lease Name JR State
9. Well No. 1
10. Field and Pool, or Wildcat Und. Four Ranch Penn
12. County Chaves

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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator ELK OIL COMPANY
3. Address of Operator P. O. Box 310, Roswell, New Mexico 88201
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>8S</u> RGE. <u>27E</u> NMPM
19. Proposed Depth 6,600'
19A. Formation Penn
20. Rotary or C.T. Rotary
21. Elevations (Show whether Dr, KI, etc.) 3958' Gr
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor WEK Drilling
22. Approx. Date Work will start October 27, 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.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/27/88
UNLESS DRILLING UNDERWAY

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 Joseph J. Kelly Title President Date 10/22/87

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY Oil & Gas Inspector TITLE DATE OCT 27 1987

CONDITIONS OF APPROVAL, IF ANY:

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