

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2080  
Santa Fe, New Mexico 87504-2088

O. C. D.  
APPROVED

API NO. (assigned by OCD on New Wells)  
30-005-60505

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
LH-2320

7. Lease Name or Unit Agreement Name  
Smith JR State Comm

8. Well No.  
1

9. Pool name or Wildcat  
Wildcat *Pre-Permian*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:  
DRILL ☐ RE-ENTER ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. Name of Operator  
ELK OIL COMPANY

3. Address of Operator  
Post Office Box 310, Roswell, New Mexico 88202-0310

4. Well Location  
Unit Letter L : 1980 Feet From The South Line and 660 Feet From The West Line  
Section 14 Township 9 South Range 26 East NMPM Chaves County

10. Proposed Depth  
6150'

11. Formation  
Pre-Permian

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3807' GR

14. Kind & Status Plug. Bond  
Blanet

15. Drilling Contractor

16. Approx. Date Work will start  
January 18, 1993

17. 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#	Approx 320	300 sxs	Circulate
12 1/4	8 5/8	24#	Approx 1600	800 sxs	Circulate
7 7/8	5 1/2 or 4 1/2	15.5# or 10.5#	TD	250 sxs	
			TD	300 sxs	

*Post ID-1  
1-22-93  
Re-entry*

Propose to reenter the Smith JR State Comm #1  
Attached is a copy of Elk Oil Company's PROCEDURE OF WORKOVER.

*Former: Yates Pet. Corp  
P# 12-28-78 OTD-6457*

APPROVAL FOR 180 DAYS  
7/20/93  
CLOSING WORK 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.

SIGNATURE Joseph J. Kelly TITLE President DATE 01/15/93  
TYPE OR PRINT NAME Joseph J. Kelly TELEPHONE NO. 505/623-3190

(This space for State Use)  
ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 20 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

RECEIVED

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>ELK OIL COMPANY</b>			Lease <b>Smith JR State Comm</b>		Well No. <b>1</b>
Unit Letter <b>L</b>	Section <b>14</b>	Township <b>9 South</b>	Range <b>26 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground level Elev. <b>3807'</b>		Producing Formation <b>Pre-Permian</b>		Pool <b>Wildcat</b>	Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

SEE ORIGINAL C-102 DATED MAY 13, 1978

**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature \_\_\_\_\_  
Printed Name  
**Joseph J. Kelly**

Position  
**President**  
Company  
**ELK OIL COMPANY**

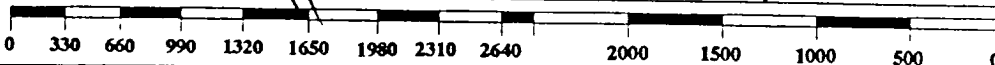
Date  
**01/05/93**

**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_

Signature & Seal of  
Professional Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_



**PROCEDURE**  
Smith "JR" State Comm. #1

- (1) Rig up pulling unit. Install 8 5/8" well head.
- (2) Rig up reverse unit.
- (3) Pick up 7 7/8" bit, collars and tubing.
- (4) Drill out cement plugs and surface, 1440' to 1540', 2150' to 2250' and stub plug.
- (5) Clean and dress to top of 4½" casing stub.
- (6) Trip out of hole with tubing, collars and bit.
- (7) Trip in hole with 4½" casing patch and casing, tie together, set slips, cut off casing, and install well head and BOP.
- (8) Flange up well head.
- (9) Trip in hole with 3 3/4" bit, 8 - 3 1/8" drill collars. Drill cement inside 4½" at 4038'. Drill CIBP at 4700'. Clean out to 4965'. Trip out of hole with tubing.
- (10) Trip in hole with retainer and squeeze perfs at 4806'-4810'.
- (11) Drill out retainer and cement - test.
- (12) Drill out CIBP at 4965'. Clean out to 6150'.
- (13) Trip in hole with retainer and squeeze perfs at 6022'-6028'.
- (14) Drill out retainer and cement - clean out to 6150'.
- (15) Displace hole with 2% KCL water.
- (16) Rig down reverse unit.
- (17) Log and perforate Fusselman at 6073'; 6103'-08' acidize and test.
- (18) If unproductive, run EZ drill BP and set at 6000'.
- (19) Perforate Wolfcamp at 5232'-5240', acidize and test.