

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

*copy to J.H.*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER **REENTER** SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**J. N. NELSON**

3. ADDRESS OF OPERATOR  
**P. O. Box 496 - ARTESIA, NEW MEXICO**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
**500' FROM THE W. LINE & 1980' FROM THE S. LINE OF SECTION 18-16S-31E**  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**TEN MILES FROM LOCO HILLS, NORTH.**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)

16. NO. OF ACRES IN LEASE  
**150**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**30**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
**3367**

20. ROTARY OR CABLE TOOLS  
**CABLE**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START\*  
**2/26/66**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	8-5/8	32	509	350 SK *
	5-1/2	15.5 & 17	3370	250 SK **

\* Previously run for old hole

\*\*Previously run for old hole, fut and pulled from 2109 feet.

**WE PLAN TO REENTER THE SNELL-VICKERS NO. 1 WELL AND CLEAN OUT TO BOTTOM AT 3367 FT. IF ABLE TO REENTER THE HOLE, PLAN TO TREAT THE LOVINGTON PAY FROM 3250 TO 3275 FT. IF SUCCESSFUL, THIS WELL WILL BE CALLED THE J. N. NELSON NO. 2 FEDERAL.**

Propose to tie 5-1/2 inch casing into stup and re-cement.

RECEIVED

RECEIVED

FEB 23 1966

MAR 2 1966

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **2-23-66**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

**APPROVED**  
**MAR 4 1966**  
**R. L. WELLS**  
**ACTING DISTRICT ENGINEER**

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

