

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Read &amp; Stevens, Inc. ✓

## 3. ADDRESS OF OPERATOR

P. O. Box 2126, Roswell, New Mexico 88201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

990' FEL &amp; 1650' FSL Sec. 14, T-15-S, R-27-E, N.M.P.M. ARTESIA, OFFICE

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

9 1/2 miles SE of Hagerman, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

## 16. NO. OF ACRES IN LEASE

640.00

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL  
320.00

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3650'

## 19. PROPOSED DEPTH

9,200'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3565.6 GR

## 22. APPROX. DATE WORK WILL START\*

March 1, 1974

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/4"	34#	350'	300 sx. - circulated
11"	8 5/8"	24#	1850'	200 sx.

Well is to be drilled to test the Atoka sands anticipated at an approximate depth of 8500'.

Proposed drilling program is as follows:

Drill 17 1/2" hole to 350', using clear water. Set 350' of 12 3/4" with cement circulated. Drill 11" hole to 1850', using clear water adding paper for lost circulation and seepage. Set 1850' of 8 5/8" intermediate casing cemented with 200 sx. Drill 7 7/8" hole to total depth, using clear water to 5250' or top of Abo adding paper for seepage. From 5250' to 8100', mud wt. 9.0#-9.5#, Vis. 36, WL 100. From 8100' to 8400', mud wt. 9.0# to 9.5#, Vis. 38, WL 20. From 8400' to total depth, mud wt. 9.5#, Vis. 38-48, WL 10.

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

*John L. Anderson Jr.*

TITLE Agent

DATE 2-15-74

(This space for Federal or State office use)

APPROVED

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED JUN 22 1973

APPROVAL DATE

TITLE

*Subject to Approval of  
Communicative Agreement  
prior to producing this well.*

ACTING DISTRICT ENGINEER

THIS APPROVAL IS REVOKED IF OPERATIONS  
ARE NOT COMPLETED WITHIN 3 MONTHS.

EXPIRES

JUN 5 - 1974

\*See Instructions On Reverse Side