

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 1518 Roswell, New Mexico 88202

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

At surface

660' FSL &amp; 1650' FEL

At proposed prod. zone Same

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

33 miles southwest of Hobbs, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any.)

660'

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

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

2970'

## 19. PROPOSED DEPTH

14,000

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3654' GL

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

December 20, 1987

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	1600'	1065 sx "HL" + 200 sx "H" Circ.
12 1/4"	8 5/8"	32.0#	2200'	D.V. tool set @ 3800' 1st stage:
11"	8 5/8"	32.0#	5200'	200 sx "HL", 300 sx "H" Prem.+
				2nd stage: 1350 sx "HL", 200 sx
				"H" Prem.+, circulate.
7 7/8"	5 1/2"	17 & 20#	14,000'	500 sx 50/50 POZ

Mud Program: 0' - 1,600' Fresh water, gel & lime, 8.7-9.0 ppg, Vis. 34-36.  
1,600' - 5,200' Brine water, 10.0-10.3 ppg, Vis. 28-29, No WL control.  
5,200' - 10,900' Cut brine, 8.7-9.2 ppg, Vis. 28-29, No WL control.  
10,900' - 12,000' Brine water 9.8-10.2, Vis 28-34, No. WL control.  
12,000' - 14,000' Brine, polymer, 10-10.6 ppg, Vis 32-50, WL 3-10 cc.

BOP Program: At 5200' will install the 5000# wp Hydril annular, double ram 5000# BOP  
and rotating head. The BOP equipment will be tested at this time and daily.

Gas is not dedicated.

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 Agent for:  
Read & Stevens, Inc. DATE December 1, 1987

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: