

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-025-29075

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 5. LEASE DESIGNATION AND SERIAL NO.

NM- 56264

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

North Lea Federal

## 9. WELL NO.

1

## 10. FIELD AND POOL, OR WILDCAT

North Lea Dev. Unit

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Se. 10-T20S-R34E

## 12. COUNTY OR PARISH

Lea

## 13. STATE

New Mexico

## 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, NM 88201

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

At surface

1980' FSL &amp; 660' FEL

At proposed prod. zone

Same

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

31 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

480

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.

1320' (P&amp;A)

## 19. PROPOSED DEPTH

14,700'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3637.5 GL

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

December 10, 1984

## 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#	520'	200 Sx "C", 300Sx H/Lite Circulate
12 1/4"	9 5/8"	40.0#	5100'	200 Sx "C", 1800 Sx H/L "
8 1/2"	7"	29.0#	14,000'	700 Sx Class "H" w/Poz. 50/50
7 7/8"	4 1/2"	13.5#	13,700-14,700'	150 Sx Class "H"

Mud Program: 0' - 520' Fresh water, natural mud, 8.7-9.0 ppg, Vis. 34-36.  
520' - 5100' Brine water, 10.0-10.3 ppg, Vis. 28-29, no WL control.  
5,100' - 9500' Fresh water mud, 8.3-8.4 ppg, Vis. 28-29, no WL control.  
9,500' -14,000' Brine Water, 9.8-10.0 ppg, Vis. 34-36, Water loss 15-20 cc.  
14,000' -14,700' Fresh water, 8.3-8.4 ppg, Vis. 28-29.

BOP Program: At 520' install 5000# WP Hydril annular BOP and Melco closing unit.  
At 5100' install 5000# WP Hydril hydraulic double BOP and 5000# WP  
Gulfco choke and kill manifold. BOP equipment will be tested at this time.  
See Exhibit "D".

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.

Agent for:

SIGNED

*George L. Smith*

TITLE

Read &amp; Stevens, Inc.

DATE

November 30, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED