

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

30-025-32158  
Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☒

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Read & Stevens, Inc.

505/622-3770

3. ADDRESS AND TELEPHONE NO.

P. O. Box 1518

Roswell NM 88202

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

At surface

1650' FSL & 330' BEL

At proposed prod. zone

Same

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

33 miles southwest of Hobbs, NM

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

330'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

2051'

19. PROPOSED DEPTH

6600'

20. ROTARY OR CABLE TOOLS

Rotary

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

3663'

GL

Capitan Controlled Water Basin

22. APPROX. DATE WORK WILL START\*

July 19, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

Secretary's Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" J-55	54.5#	1600'	Circ 1000 sx lite + 200 "C
11"	8 5/8" S-80	32.0#	5000'	Circ 1100 sx*
7 7/8"	5 1/2" J-55	15.5#	6600'	Tieback w/350 sx "H"

Mud Program:

0' - 1600':	Fresh water native mud:	Mud Wt. 8.4 ppg	Vis. 32	W/L Control No W/L control
1600' - 5000':	Brine mud:	10 ppg	28-32	No W/L control
5000' - 6600':	Cut brine mud w/starch:	8.8 ppg	32-40	W/L control 15cc
1600' - 6600':	Gel & lost circulation material will be added as needed.			

BOP Program:

A 10" 3000 psi wp Shaffer Type E BOP will installed on the 13 3/8" casing. Casing and BOP will be tested before drilling out with 11". BOP will used as a 2000 psi wp system and will be tested daily.

\* 13 3/8": Circulate 1000 sx lite, tail in with 200 sx "C" w/2% CaCl

\* 8 5/8": Cement with DV tool in two stages starting at 3800':

1st stage: Lead 200 sx lite, tail in w/200 sx "C".

2nd stage: Lead 500 sx lite cement, tail w/200 sx neat. Cement to surface.

Approved Subject to  
Comments and  
Recommendations

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 George P. Smith Agent for: Read & Stevens, Inc. June 10, 1993  
TITLE Read & Stevens, Inc. DATE June 10, 1993

(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Kathy Lator TITLE Acty State Director DATE 7-20-93

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.