

N.M. OIL CONS. COM
P.O. BOX 196
HOBBS, NEW MEXICO
DEPARTMENT OF
BUREAU OF LAND

OPER. OGRID NO. 18912
PROPERTY NO. 16391
POOL CODE 80040
EFF. DATE 1-12-95
API NO. 30-025-32819

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

APPLICATION FOR PERM

1a. TYPE OF WORK

DRILL ☒ X

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒ X

OTHER

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

1980' FNL & 660' FEL

At proposed prod. zone

Same

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

30 miles SW of Hobbs, NM

10. DISTANCE FROM PROPOSED*

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

990'

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

3641' GL

17. NO. OF ACRES ASSIGNED
TO THIS WELL 160

16. NO. OF ACRES IN LEASE 322.3

19. PROPOSED DEPTH 14,000'

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
December 20, 1994

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 1100 sx Lite + 200 "C"
11"	8 5/8" S-80	32.0#	5000'	Circ 1100 sx*
7 7/8"	5 1/2" N-80	17 & 20#	14,000'	500 Sx "H" w/50/50 POZ (TIE BACK ABOVE FLUID BEARING ZONES)
Mud Program:			Mud Wt.	Vis. W/L Control
0' - 1,600': Fresh water Gel/Lime:			8.7- 9.0 ppg	34 - 36 No W/L control
1,600' - 5,000': Brine water mud:			10.0-10.3 ppg	28 - 29 No W/L control
5,000' - 10,900': Cut brine mud w/starch:			8.7- 9.2 ppg	28 - 29 No W/L control
10,900' - 12,000': Brine Water:			9.8-10.2 ppg	28 - 34 No W/L control
12,000' - T.D. : Brine water mud:			10.3-10.6 ppg	32 - 50 W/L control 3-10cc

1600' - 6600': Gel & lost circulation material will be added as needed.

BOP Program:

A 11" 5000 psi wp Shaffer Type LWS BOP will installed on the 13 3/8" casing. Casing and BOP will be tested before drilling out with 11". BOP will tested daily.

* 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.

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 Smith

Agent for:
Read & Stevens, Inc.

Oct. 14, 1994

DATE

(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:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

APPROVED BY

H. Vincent J. Lucas

TITLE

ASD

DATE

12-2-94

*See Instructions On Reverse Side