

30-005-62271

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED BY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐OPLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐

2. NAME OF OPERATOR

Read & 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 and 990' FWL

At proposed prod. zone

Same

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

12 miles east of Lake Arthur, New Mexico

15. DISTANCE FROM PROPOSED*

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

990'

18. DISTANCE FROM PROPOSED LOCATION*

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

15,000'

16. NO. OF ACRES IN LEASE

1800

19. PROPOSED DEPTH

9100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3629 GL

22. APPROX. DATE WORK WILL START*

May 15, 1985

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"	54.4#	400'	400 Sx Class "C" Circulated
11"	8 5/8"	24.0#	1700'	600 Sx HL & 200 Sx "C" Circ.
7 7/8"	4 1/2"	10.5#	9100'	500 Sx Class "H"

Mud Program:

- 0' - 400' Spud mud with Magcobar gel and lime. If seepage is noted, add lost circulation material. If circulation is lost, dry drill to 400'.
- 400' - 5,200' Fresh water and native mud. Mud wt. 8.4#, Vis. 30-32, WL no control.
- 5,200' - 8,000' Magcogel and oil type drilling fluid. Mud wt. 8.5# - 8.8#, Vis. 30-32, 3-4% oil, WL no control.
- 8,000' - 9,000' Fresh water, low solids spersen mud system with CMC, 3 % KCL, Starch, Drispak, and salt gel, Mud st. 9.0 - 9.5#, Vis. 32 - 34, WL 10 cc or below, PH 9 - 9.5.

BOP Program:

Will use a 5,000 psi wp Shaffer type "LWS" double BOP and one 90-115 Melco closing unit, 90 gal. capacity. See Exhibit "E".

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

George R. Smith

TITLE

Agent for:

Read & Stevens, Inc.

DATE

April 3, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Phil Kirk

TITLE

Area Manager

DATE

5-24-85

CONDITIONS OF APPROVAL, IF ANY:

*Need M.D. Approval**Posted ID
APR 14 1985
6-7-85*