

Drawer
Artesia, NM 88210SUBMIT IN TR CATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-61597

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 ☐

2. NAME OF OPERATOR

Read & Stevens, Inc. ✓

3. ADDRESS OF OPERATOR

P. O. Box 1518 Roswell, NM 88201

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

At surface

1315' FNL and 1315 FEL (See copy of attached NMOCC Case
7134, Order # R6595 for special
spacing)At proposed prod. zone
Same

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

Approximately 14 miles east of Lake Arthur, NM

15. DISTANCE FROM PROPOSED*

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

1315'

16. NO. OF ACRES IN LEASE

965.37

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.

19. PROPOSED DEPTH

8815'

20. ROTARY OR CABLE TOOLS

Rotary

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

3604 GR

22. APPROX. DATE WORK WILL START*

June 1, 1982

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'	450 Sx "C" Circulated
11"	8 5/8"	24.0#	1700'	600 Sx HL & 200 Sx "C" Circ.
7 7/8"	4 1/2"	10.5#	8815'	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' - 7,000' Magcogel and oil type drilling fluid. Mud wt. 8.5# - 8.8#, Vis. 30-32, 3-4 % oil, WL no control.
- 7,000' - 8,815' Fresh water, low solids spersen mud system with CMC, 3 % KCL, starch, Drispak, and salt gel, Mud wt. 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 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.

Agent for:

SIGNED

TITLE

Read & Stevens, Inc.

DATE

7-1-82

(This space for Federal or State office use)

(Orig. 3rd) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

MAY 12 1982

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

Posted
5-1-82
New York