

HOBBS, NEW MEXICO 88240

Other instructions on
reverse side)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

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

660' FNL & 990' 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 lide, if any)

660'

16. NO. OF ACRES IN LEASE

320

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.

N/A

19. PROPOSED DEPTH

13,700' (note 1)

20. ROTARY OR CABLE TOOLS

Rotary

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

3642 GL

22. APPROX. DATE WORK WILL START*

August 1, 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94.0#	520'	200 Sx "C", 400 Sx H/L Circulate
17 1/2"	13 3/8"(2)	54.5#	3200'(2)	200 Sx "C", 1500Sx H/L Circulate
12 1/4"	9 5/8"	40.0#	5200'	200 Sx "C", 1800 Sx H/L Circulate
8 1/2"	7"	29.0#	13,700'	700 Sx Class "H" w/Poz 50/50
6"	5"	18.0#	13,600-14,500'	200 Sx Class "H" (see note #1)

Mud Program: 0' - 520' Fresh water, natural mud, 8.7-0.0 ppg, Vis. 34-36.
520' - 5200' Brine water, 10.0-10.3 ppg, Vis. 28-29, no WL control.
5,200' - 9,500' Fresh water mud, 8.3-8.4 ppg, Vis. 28-29, no WL control.
9,500' - 13,700' Brine water, 9.8-10.0 ppg, Vis. 34-36, Water loss 15-20 cc.
13,700' - 14,500' Fresh water, 8.3-8.4 ppg, Vis. 28-29. (note #1)

BOP Program: At 520' install 5000# WP Hydril annular BOP and Melco closing unit.
At 5200' install 5000# WP Hydril hudraulic double BOP and 5000# WP Gulfco
choke and kill manifold. BOP equipment will be tested at this time. See Exhib "D"

Gas not dedicated.

Note #1: If the Morrow is running high, will continue to drill to 14,500' to test Devonian.

Note #2: If water flow encountered at 3000', will set 13 3/8" casing at 3200'. No water, no csg
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

Read & Stevens, Inc.

TITLE

Read & Stevens, Inc.

DATE

June 24, 1985

(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

RECEIVED

AUG - 9 1985

100-443611-1