

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
ZONEMULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Rhonda Operating Company ✓

3. ADDRESS OF OPERATOR

511 North Main, Midland, Texas 79701

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

At surface

330' FNL and 380' FWL

At proposed prod. zone

Same

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

12 Miles East of Artesia, NM

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

160

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.

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19. PROPOSED DEPTH

1800'

20. ROTARY OR CABLE TOOLS

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

GL 3609, KB 3620

22. APPROX. DATE WORK WILL START*

8/2/82

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-3/4"	8-5/8"	32#	1610'	775 Sx. Class "C"
7-7/8"	5-1/2"	15.50#	6295"	150 SX. Class "C"

Propose pulling 5-1/2" casing, plugging back to 1550' and testing Queen-San Andres Zones behind surface casing.

Existing Downhole Conditions

Total Depth 6296'.

8-5/8" Casing (12-3/4" hole) Set @ 1605', cement circulated to Surface.

5-1/2" Casing (7-7/8" hole) Set @ 6295', w/150 sx. cement.

Perforations 6018'-6232'; 6152'-62-, 6186'-94', 6228'-32', 1 SPF.

Proposed Plug Back Procedure

1. Set CIBP @ 6000' spot 5 sx. cement on top.
2. Run freepoint survey, cut and pull 5-1/2" (top cement estimated at 5250'). Expect to cut at 5000'.
3. Spot 35 sx. cement at casing cut (spot through casing). 5050'-4950'.
4. Spot 35 sx. cement at 3150' (spot through casing). 3150'-3035'.
5. Evaluate open hole section from 1610' to 3000' feet.

(CONTINUED)

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

TITLE

Agent

DATE July 16, 1982

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) PETER W. CHESTER

APPROVAL DATE

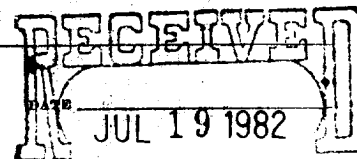
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

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

