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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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 SWD Well

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. Name of Operator

~~Rice Engineering Corporation as agent for American Exploration~~

~~Rice Engineering Corp. agent~~

Co.

122 W. Taylor, Hobbs, NM 88240

7. Unit Agreement Name

8. Form or Lease Name

Henry

9. Well No.

2

10. Field and Pool, or Wildcat

Undesignated

4. Location of Well

UNIT LETTER N LOCATED 330 FEET FROM THE south LINE

AND 1650 FEET FROM THE west LINE OF SEC. 26 TWP. 25S RGT. 37E NADP

12. County

Lea

19. Proposed Depth

Approx. 5000

19A. Formation

Glorieta

20. Rotary or C.T.

Rotary

11. Elevation (show whether DF, RL, etc.)

3023 DF

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Cobra Well Service

22. Approx. Date Work will start

October 3, 1988

23.

Existing ~~xxxxxx~~ PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12 1/2"	40	132'	125	Circ.
10"	8 5/8"	32	1218'	100	273' (Calc.)
8"	7"	22	3213'	150	793' (Calc.)

Proposed Liner And Cement Program

6 1/8" 5 1/2" 15.5 or 14 3000'-3500' 100 Circ. TOL

1. Make bit and scraper run to bottom of 7" csg.
2. Go in hole with 7" RBP and 7" packer to test 7" csg. to 500 psig.
3. Drill 6 1/8" hole below casing to 3500'.
4. Set 5 1/2" 14# or 15.5# liner from 3000' to 3500'. Cement w/100 sx conventionally.
5. WOC 24 hours. Test liner to 500 psi.
6. Drill out and drill 4 3/4" hole to 5000' TD.
7. Run GR-CNL log. TD to liner shoe.
8. Run 5 1/2" injection packer and internally lined injection tubing to 3450'.
9. Test annulus to 500 psi.
10. Acidize open hole interval.
11. Take injection test and place on disposal.

4 ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed L. B. Goodheart Title Division Manager Date Sept. 23, 1988

L. B. Goodheart
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Sur'd 349

SEP 27 1988