

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
Ray Westall

3. ADDRESS OF OPERATOR
P.O. Box 4, Loco Hills, NM 88255

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 2310' FNL & 990' FEL
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles east of Loco Hills

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 330'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH 3500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3699' Gr.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24#	350'	275 sxs circulated
7-7/8"	5 1/2"	17#	3500'	600 sxs circulated

We propose to drill and test the San Andres and intermediate formations. Approximately 350' of new 8-5/8" casing will be set above top of salt, and circulated with cement. Fresh water will be used to drill the surface and brine water will be used to drill the production hole. 5 1/2" production casing will be run and circulated to surface with cement.

Past ID-1
NH & API
11-4-88

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 [Signature] TITLE Geologist DATE 9/26/88
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE [Signature] DATE 10-26-88
CONDITIONS OF APPROVAL, IF ANY:

30-015-26008
5. LEASE DESIGNATION AND SERIAL NO.
LC-054908
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Hudson Federal
9. WELL NO.
6
10. FIELD AND POOL, OR WILDCAT
Gbr. Jackson Q-GB-SA
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-17S-31E
12. COUNTY OR PARISH
Eddy
13. STATE
NM

RECEIVED