

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1. TYPE OF WELL

DRILL

DEEPEN

PLUG BACK

2. TYPE OF WELL

OIL
WELLGAS
WELL

OTHER

3. NAME OF OPERATOR

C. E. LaRue and B. N. Muncy, Jr.

4. ADDRESS OF OPERATOR

P. O. Box 470, Artesia, NM 88210

5. LOCATION OF WELL (Report location clearly and in accordance with instructions)

At surface
1954' EBL and 527' FWL Section 5, T-18-S, R-32-E

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

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

527'

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

None

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

3854.6 GL

16. NO. OF ACRES IN LEASE

120

19. PROPOSED DEPTH

5000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

January 10, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 1/8"	5 1/2"	15.2#	5000'	600 sacks

Well was drilled in 1940. 990' of 8 5/8" casing set and cemented with 150 sacks. Well drilled to a TD of 4332' with 8" tools and abandoned without completion or plugging. Propose to re-enter, clean out old hole and deepen to 5000', set and cement 5 1/2" casing and complete. Present depth is San Andres formation and deepening will go to base of the San Andres. Regan Type 8" 3000# BOP will be used, with rams closed and pressure tested prior to drilling known oil or gas zones. Drilling mud will be fresh water gel with viscosity of approximately 34. Logs will be Sidewall Neutron Porosity and Dual Laterolog Micro SFL. No testing will be done until after pipe has been cemented and well fractured. There have been no water flows, abnormal pressures, or H₂S encountered anywhere in this area to this depth.

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

Operator

DATE 12/12/83

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd. Earl R. Cunningham)

APPROVAL DATE

District Manager

DATE

DEC 21 1983

APPROVED BY

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

ENCLOSURE 1 10 7 6

RECEIVED

DEC 27 1983

O.C.D.
HOBBS OFFICE