

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

Herman J. Ledbetter

3. ADDRESS OF OPERATOR

1002 Sayles Boulevard

Abilene, Texas 79605

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

At surface

990 FSL & 330 FEL

At proposed prod. zone

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

8 miles Southeast of Jal, New Mexico

16. DISTANCE FROM PROPOSED*

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

330'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

First well

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

3700

20. ROTARY OR CABLE TOOLS

Rotary

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

2980 GR

22. APPROX. DATE WORK WILL START*

October 15, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8" (used)	H-40, 20#	1020'	200 CIRCULATE
7 7/8"	4 1/2" (used)	K-55, 9.5#	3700'	225

1. The surface formation is Dewey Lake.
2. Tops of important geologic markers: Rustler, 1010, Seven Rivers, 2980; Queen, 3400; Penrose 3550.
3. Estimated depths of anticipated water, oil gas and other mineral-bearing formations expected: Queen at 3400, Penrose at 3550.
4. Proposed casing program:
Surface casing: Used 8 5/8", 20#, H-40 casing set at 620' with 200 sacks of cement.
Oil string: Used 4 1/2", K-55, 9.5# at 3700' with 225 sacks.
5. Blowout preventer: 10" Cameron SS series 900 double hydraulic with Payne closing unit on the 8 5/8" casing. No abnormal pressures have been encountered in this area and none are anticipated.
6. Drilling mud: Fresh water will be used to drill surface hole. Salt water gel and starch will be used as necessary to control water loss to total depth.
7. Auxiliary equipment: A sub on the floor with a valve to be stabbed in the drill pipe when the kelly is not in the string.

(continued on attached sheet)

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 Herman J. Ledbetter TITLE Operator

DATE September 20, 1979

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

OCT 30 1979

A R Hall
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED
NOV - 6 1979
O.C.D. HOBBS, OFFICE