

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

J. C. Williamson & D. W. Underwood, et al

3. ADDRESS OF OPERATOR

P.O. Box 16, Midland, TX 79701

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

At surface

1980' FSL & FEL

At proposed prod. zone

Strawn

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

10 miles NE of Carlsbad, NM

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 1980'

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

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

3280.7 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48#	644	650
12 1/4	8 5/8	24 & 32#	3210	1900
7 7/8	5 1/2	17 & 23#		

Move out unit, set Bridge Plug @ 10,700+. Perforate 10,579' - 10,595' - 10,599', 10,601' 02 - 08 - 10 - 12', 8 shots. Acidize w/3000 gals & ball sealers. Swab back & test then if necessary. Frac w/approx. 12,000 - 15,000 gals.

RECEIVED

MAY 23 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

Linda Walker

TITLE

Agent

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Joe D. Lora

TITLE

ACTING DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

DATE

5/20/77

DATE

MAY 23 1977