

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

Jerome P. McHugh

## 3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87401

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

At surface

1850' FSL - 1520' FEL

At proposed prod. zone

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

40 miles NW of Lindrith

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1120'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3000'

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

7258' GR

## 16. NO. OF ACRES IN LEASE

2568.02

## 19. PROPOSED DEPTH

8250'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

5/320

## 20. ROTARY OR CABLE TOOLS

Rotary

## 22. APPROX. DATE WORK WILL START\*

5-1-81

## 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#	200'	150 sx
7-7/8"	4-1/2"	10.5 & 11.6#	8250'	350 sx 1st stage
				300 sx 2nd stage
				375 sx 3rd stage

Plan to spud a 12-1/4" hole & drill w/ mud to 200', set 8-5/8" surface csg., cemented to surface. Will then drill a 7-7/8" hole to a depth of 8250' and cement in three stages. The Dakota formation will then be selectively perforated, fraced, cleaned up after frac, well completed and tubing run.

GAS DEDICATED.



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

Jerome P. McHugh Jr.

TITLE

Agent

DATE

3-4-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

