

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. Felix Hickman

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87499

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

At surface
1865' FNL - 550' FEL

At proposed prod. zone

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

8 miles west of Lindrith

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 550' FEL
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 173.11

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1100' NW
Hickman #6 (P.C.) 7800'

19. PROPOSED DEPTH

7800'

20. ROTARY OR CABLE TOOLS

Rotary

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

7063' GL

22. APPROX. DATE WORK WILL START*

ASAP

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	32#	200'	150 cf circulated to surface
7-7/8"	4-1/2"	10.5#	7800'	2082 cf in 3 stages

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 32#, K-55 surface casing; then plan to drill a 7-7/8" hole to total depth with a gel-water-mud program to test Gallup & Dakota formations. Plan to run IES and CDL logs. If deemed productive, will run 4 1/2" OD, 10.5#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well.

RECEIVED
DEC 11 1984OIL CON. DIV.
DIST. 3

RECEIVED

DEC 4 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

GAS IS 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

Sherman E. Dugan
(This space for Federal or State office use)

TITLE

Geologist

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

(SGD.)

MAT MILLENBACH

AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions On Reverse Side

NMOCC