

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22427

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

Box 208, Farmington, NM 87401

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

At surface 990' FNL - 1850' FEL

At proposed prod. zone

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

Approximately 41 miles southeast of Bloomfield

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 990'

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2270'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6784' GL

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#	250'	150 sx circulate
7-7/8"	4-1/2"	11.6 & 10.5	7780'	1025 sx in 3 stages

Plan to drill with mud to test the Basin Dakota Formation. Plan to run IES log to TD. If productive, plan to set 4-1/2" casing, cement in three stages, selectively perforate, frac, clean out after frac, run 1-1/2" tbg and complete well.

Plan to use BOP furnished by rig while drilling (10" 3000 psi hydraulic)

Plan to use BOP rental while completing (6" 3000 psi double gate manual)

NMERB: 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 Jim L. Jacobs TITLE Agent DATE 3-25-80

(This space for Federal or State office use)

APPROVED
PERMIT NO. AS AMENDED

APPROVAL DATE

APPROVED BY James L. Jacobs
CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-05

All distances must be from the outer boundaries of the Section.

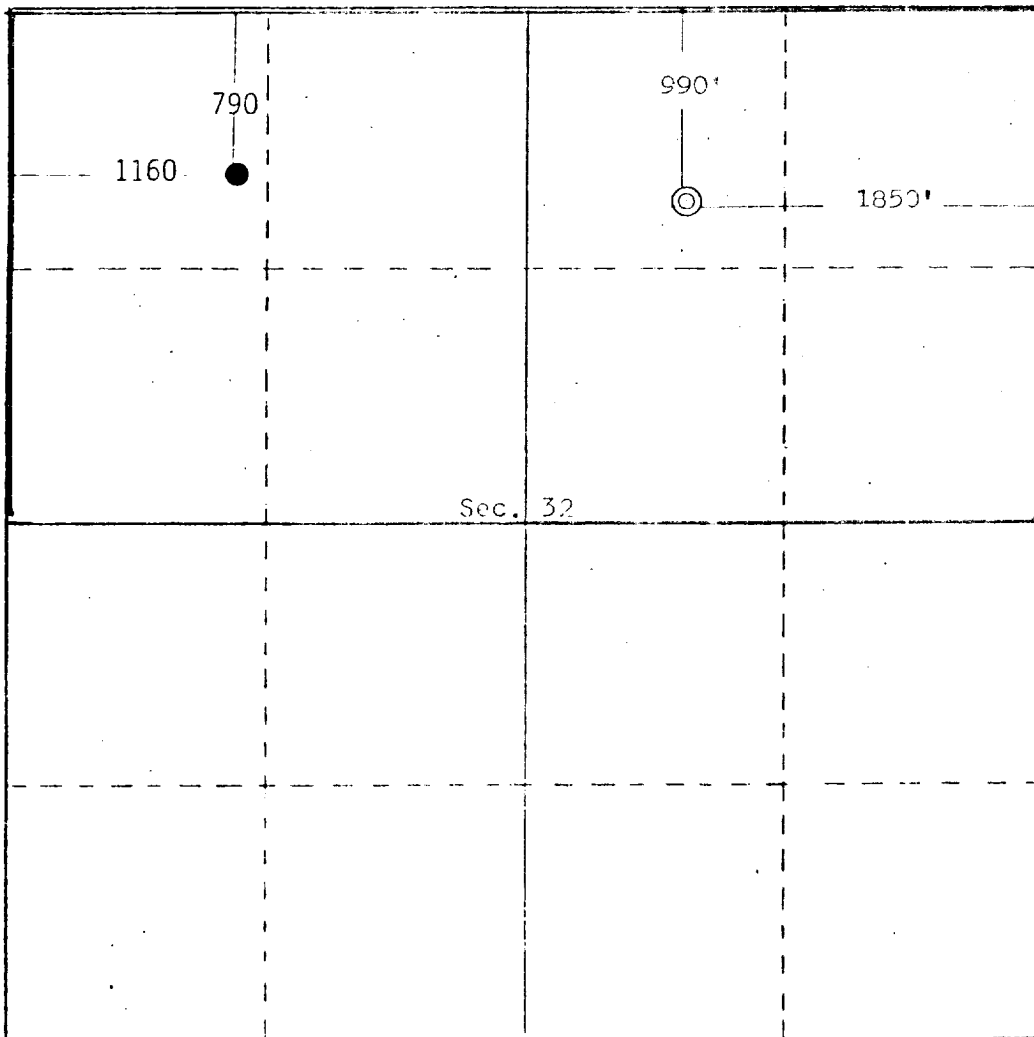
Owner Jerome P. McHugh			Lease Jicarilla		Well No. 7E
Unit Letter B	Section 32	Township 26 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 990 feet from the North line and 1850 feet from the East line </div>					
Ground Level Elev. 6784	Producing Formation Dakota		Pool Basin		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **Jim L. Jacobs**
 Position **Geologist**
 Company **Jerome P. McHugh**
 Date **3-25-80**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 22, 1980

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover
 Certificate No. **5979**
Edgar L. Risenhoover, L.S.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600