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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Loddy	
2. Name of Operator JEROME P. McHUGH		9. Well No. 1	
3. Address of Operator P O Box 809, Farmington, NM 87499		10. Field and Pool, or Wildcat G-G-G Gavilan Mancos/Dakota	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1750</u> FEET FROM THE <u>North</u> LINE AND <u>1750</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>20</u> TWP. <u>25N</u> RGE. <u>2W</u> NMPM		12. County Rio Arriba	
19. Proposed Depth 8250'		19A. Formation Mancos/Dakota	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 7155' GL; 7167' KB		21A. Kind & Status Plug. Bond Statewide	
21B. Drilling Contractor Four Corners Drlg.		22. Approx. Date Work will start 7/16/85	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	250'	159 cu.ft.	surface
8-3/4" & 7-7/8"	5-1/2"	15.5 & 17#	8250'	2750 cu.ft. in 3 stages & circ. to surface	surface

Plan to drill with spud mud to set surface casing at 250'. Will then drill with water-mud-gel mixture to test the Dakota and Mancos formations sufficiently. Plan to run IES, CDL and CNL logs. If well appears productive, will run 5 1/2" casing, cement in 3 stages; will selectively perforate, frac, clean out after frac and complete well using 2-7/8" O.D. tubing.

NMERB Requirement: Gas not dedicated.

APPROVAL REQUIRED 7-10-85
UNLESS FAS IS SUBMITTED
SPUD NOT TO BE SUBMITTED
WITHIN 10 DAYS

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed James S. Hazen Title Field Supt. Date 7/9/85

(Leave space for State Use)

APPROVED [Signature] TITLE [Signature] DATE 7/10/85

CONDITIONS OF APPROVAL, IF ANY:

Valid 104 for consolidation

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

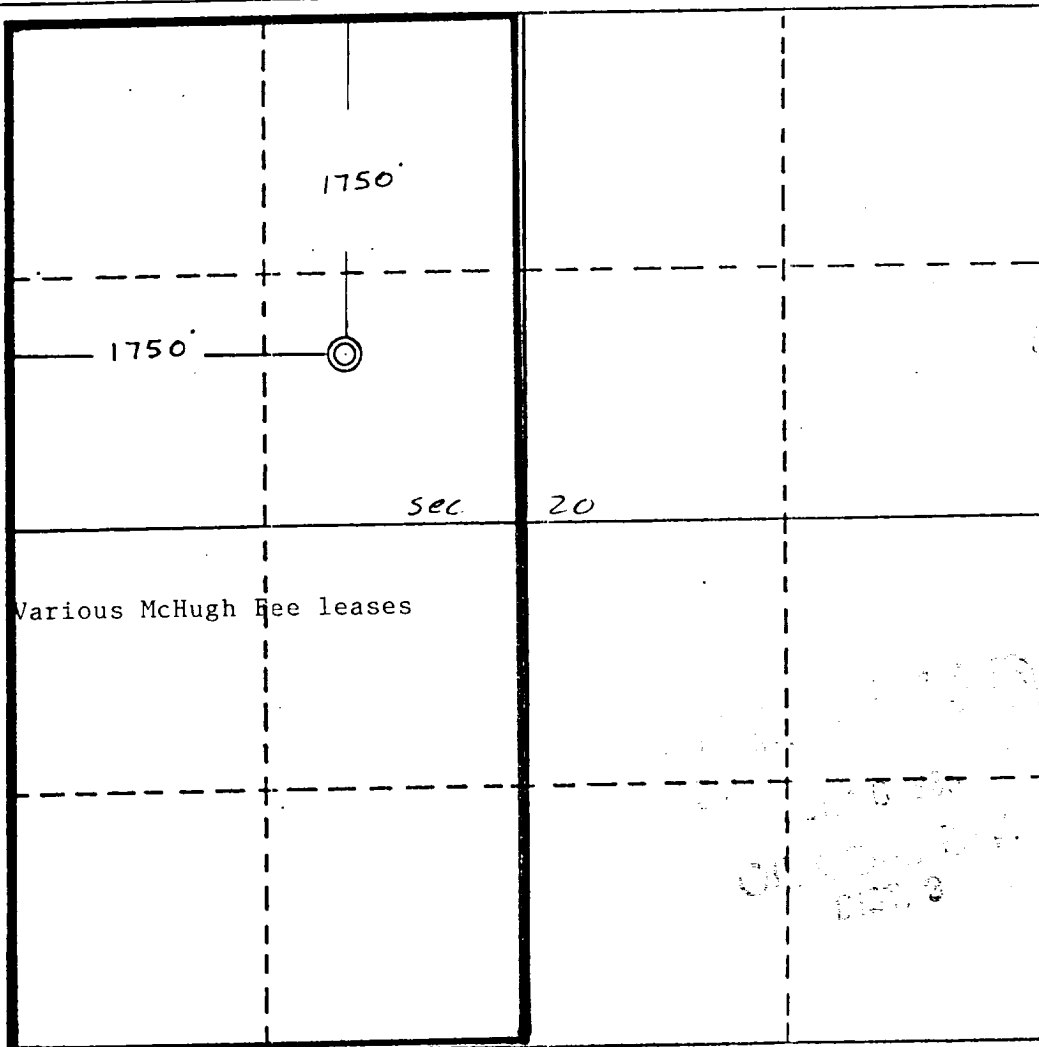
Operator Jerome P. McHugh			Lease Loddy		Well No. 1
Unit Letter F	Section 20	Township 25 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1720 feet from the North line and 1750 feet from the West line					
Ground Level Elev. 7125	Producing Formation Mancos/Dakota	Pool Gavilan Mancos/G-G-G Dakota		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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? NA

☐ 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 Division.



CERTIFICATION

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

James S. Hazen

Position

Field Supt.

Company

Jerome P. McHugh

Date

7/9/85

I hereby certify that the location shown on this plat was located from field notes of October 5, 1979, made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

Date Surveyed

June 13, 1985

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