

30-039-23605

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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 type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> | | Mother Lode | |
| 2. Name of Operator | | 8. Farm or Lease Name | |
| Jerome P. McHugh | | | |
| 3. Address of Operator | | 9. Well No. | |
| Box 208, Farmington, NM 87499 | | 2 | |
| 4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1850</u> FEET FROM THE <u>South</u> LINE AND <u>1850</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>3</u> TWP. <u>24N</u> REE. <u>2W</u> NMPM | | 10. Field and Pool, or Wildcat <u>Gavilan Mancos/Dakota</u> | |
| | | 12. County | |
| | | <u>Rio Arriba</u> | |
| | | 19. Proposed Depth | |
| | | <u>8300'</u> | |
| | | 19A. Formation | |
| | | <u>Mancos/Dakota</u> | |
| | | 20. Rotary or C.T. | |
| | | <u>Rotary</u> | |
| 21. Elevations (Show whether DF, RT, etc.) | | 21A. Kind & Status Plug. Bond | |
| <u>7187 KB</u> | | <u>Statewide</u> | |
| | | 21B. Drilling Contractor | |
| | | <u>Four Corners Drilling</u> | |
| | | 22. Approx. Date Work will start | |
| | | <u>ASAP</u> | |

23. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|--------------------------------------|----------|
| 12 1/2" | 9-5/8" | 36# | 200' | 159 cf circul. | surface |
| 8 1/2" | 5 1/2" | 17.0/15.5# | 8300' | 2750 cf cemented | surface |
| | | | | in 3 stgs and circulated to surface. | |

Plan to drill with spud mud to set surface csg at 200'. Will then drill with water-mud-gel mixture to test the Dakota and Mancos formations sufficiently. Plan to run IES and CDL and CNL logs. If the well appears productive will run 5 1/2" csg, cementing in 3 stages; will selectively perforate, frac, clean out after frac and complete well using 2 3/8" O.D. tubing.

NMERB Requirement: GAS NOT DEDICATED

APPROVAL EXPIRES 5-2-85
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS

RECEIVED

NOV 02 1984

OIL CON. DIV.
DIST. 3

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 Jerry McHugh Title Company Representative Date 10-30-84

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE NOV 02 1984

CONDITIONS OF APPROVAL, IF ANY:

Hold 104 for consultation

OIL CONSERVATION DIVISION

P. O. BOX 2088

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

SANTA FE, NEW MEXICO 87501

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

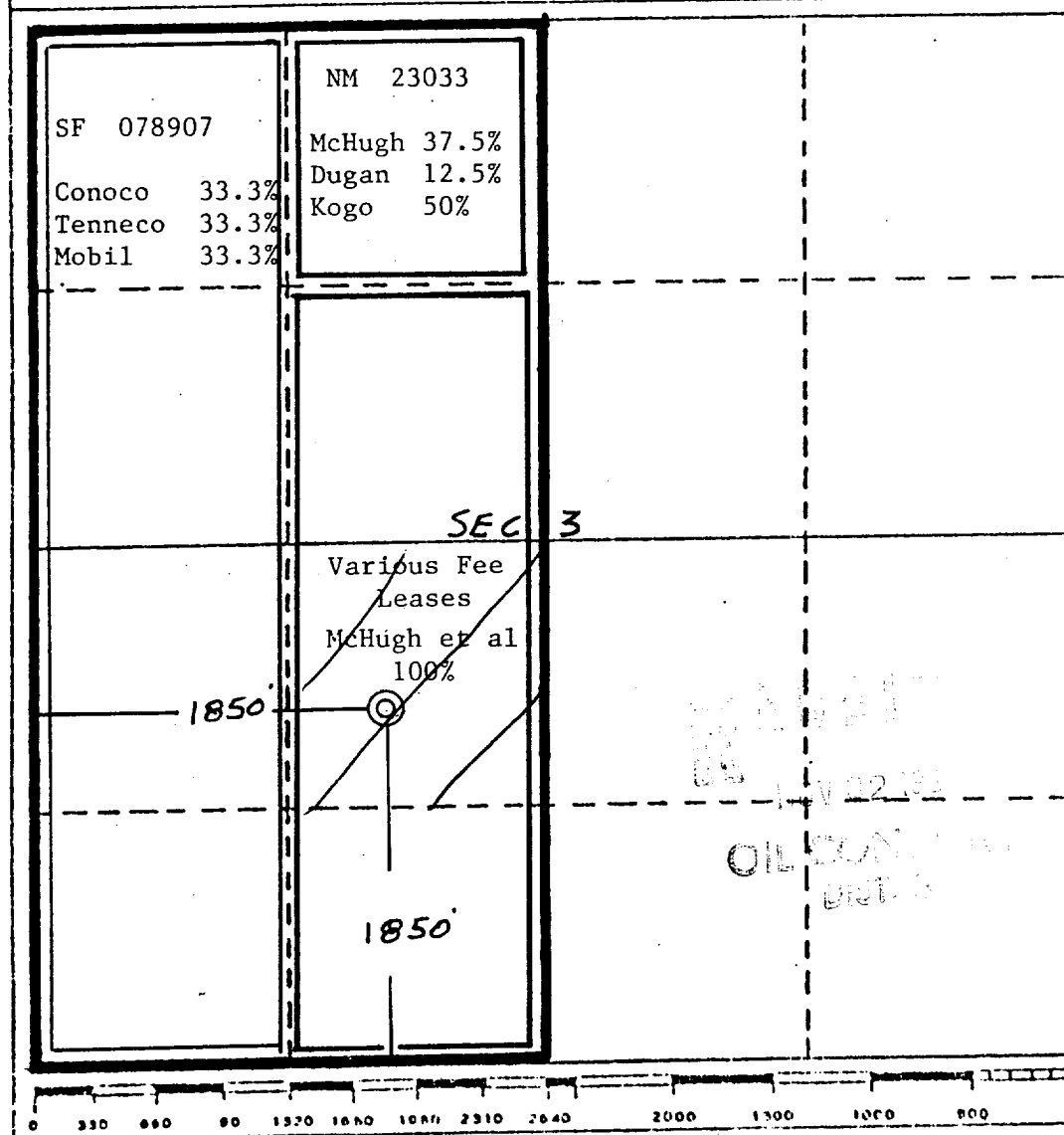
| | | | | | |
|--|---|-----------------------------|--------------------------------------|-----------------------------|--|
| Operator Jerome P. McHugh | | | Lease Mother Lode | | Well No. 2 |
| Unit Letter K | Section 3 | Township 24 North | Range 2 West | County Rio Arriba | |
| Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the West line | | | | | |
| Ground Level Elev. 7175 | Producing Formation Mancos/Dakota | | Pool Gavilan Mancos/Dakota | | Dedicated Acreage: 325.36/40 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?

☐ 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.) plan to communitize

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.

Name Jerry McHugh
Position Co. Representative
Company Jerome P. McHugh
Date 10-30-84

I hereby certify that the location shown on this plat is the same as the location of the well shown on the map of actual location 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 October 10, 1984
Registered Professional Engineer and/or Land Surveyor

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