

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-039-23182

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. 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 87499

4. Location of Well

UNIT LETTER H LOCATED 1730 FEET FROM THE North LINE860 FEET FROM THE East LINE OF SEC. 3 TWP. 24N RGE. 2W NMPM

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Mother Lode

9. Well No.

1

10. Field and Pool, or Wildcat

Basin Dakota

12. County

Rio Arriba

19. Proposed Depth
8000'19A. Formation
Dakota20. Rotary or C.T.
Rotary

1. Elevations (Show whether DF, RT, etc.)

7321' GL; 7333' RKB

21A. Kind & Status Plug. Bond

State-wide

21B. Drilling Contractor

Four Corners Drilling

22. Approx. Date Work will start

ASAP

3.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	32#	200'	159 cu.ft.	surface
7-7/8"	4-1/2"	11.6 & 10.5#	8000'	1850 cu.ft. -	surface
				Cemented in 3 stages.	

Plan to drill with spud mud to set surface casing at 200'. Will then drill with water-mud gel mixture to test the Basin Dakota Formation. Plan to run IES & CDL logs and, if the well appears productive, will set 4 1/2" casing, cementing in 3 stages. Plan to run 1-1/2" or 2-3/8" tubing and complete well.

GAS DEDICATED.

RECEIVED
MAR 11 1983
OIL CON. DIV.
DIST. 3

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.

By Jerry McHugh Title Agent Date 3-9-83

(This space for State Use)

PROVED BY [Signature] TITLE [Signature] DATE MAR 11 1983

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
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All distances must be from the outer boundaries of the Section.

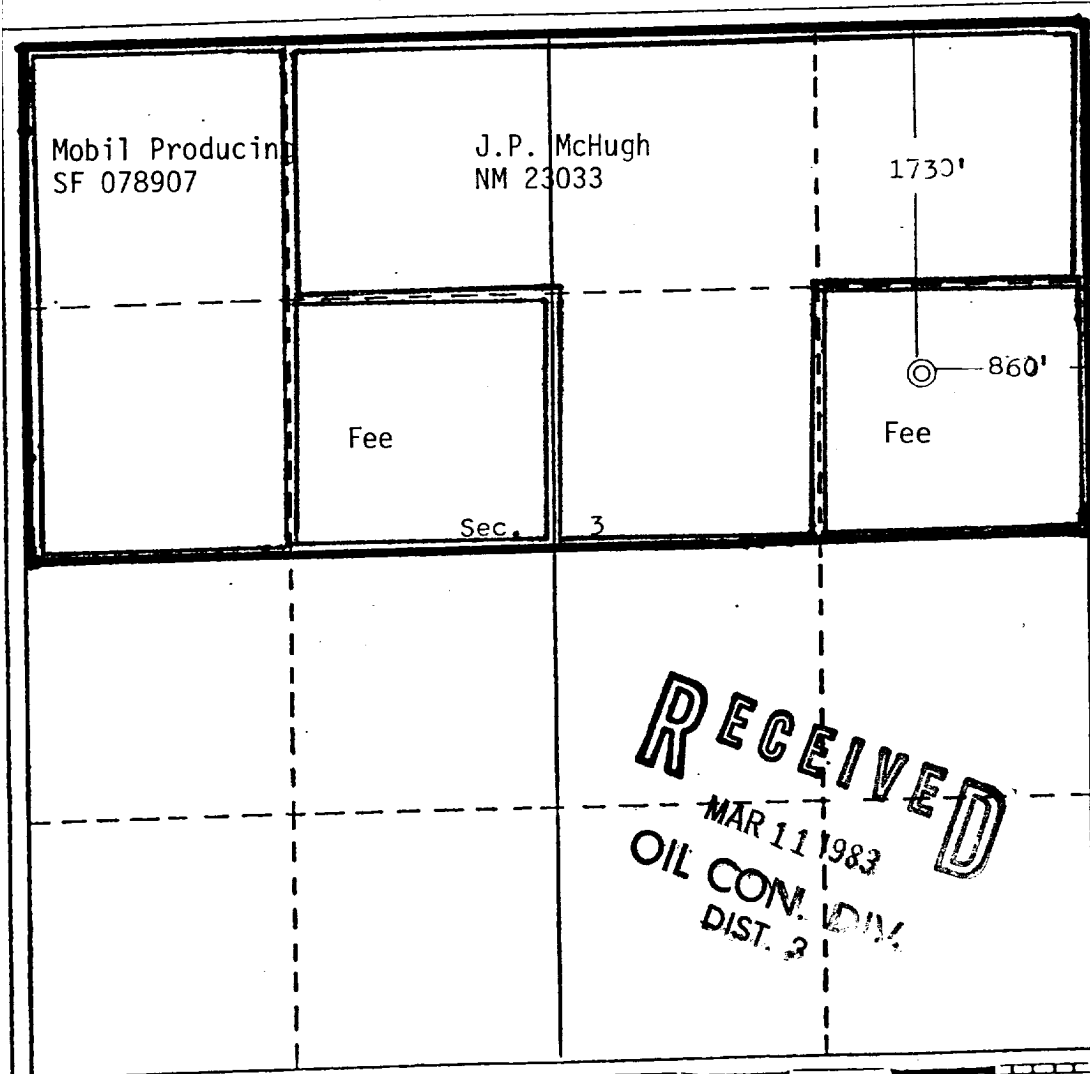
Operator Jerome P. McHugh		Lease Mother Lode		Well No. 1
Unit Letter H	Section 3	Township 24 North	Range 2 West	County Rio Arriba
Actual Footage Location of Well: 1730 feet from the North line and 860 feet from the East line				
Ground Level Elev. 7321	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 1/330.24 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 Communitization

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.

Name

Jerry McHugh

Position

Landman

Company

Dugan Production Corp.

Date

3-9-83



Date Surveyed

March 8, 1983

Registered Professional Engineer
and/or Land SurveyorEdgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover