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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil &amp; Gas Lease No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Rainbow Seeker	
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 Basin Dakota	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1510</u> FEET FROM THE <u>North</u> LINE AND <u>1450</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>31 N</u> RGE. <u>13 W</u> NMPM		12. County San Juan	
19. Proposed Depth 6700'		19A. Formation Dakota	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5630' GL; 5645' RKB	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor LLL Drilling Co.	
22. Approx. Date Work will start 6-20-85		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'	200 cf circulated	to surface
7-7/8"	4-1/2"	11.6 & 10.5#	6700'	2290 cf circ.	in 2 stages

Plan to drill with spud mud to set surface casing at 250'. Will then drill with water-mud-gel mixture to test the Dakota formation sufficiently. Plan to run IES, CDL, and CNL logs. If well appears productive, will run 4 1/2" casing, cementing in 2 stages; will selectively perforate, frac, clean out after frac and complete the well using 2-3/8" O.D. tubing.

Gas is not dedicated.

APPROVAL EXPIRES 12-10-85  
UNLESS DRILLING IS COMMENCED,  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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JUN 10 1985  
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 James S. Hazen Title Field Supt. Date 6-10-85

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE JUN 10 1985

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

Operator Jerome P. McHugh		Lease Rainbow Seeker		Well No. 1
Unit Letter G	Section 29	Township 31 North	Range 13 West	County San Juan
Actual Footage Location of Well: 1510 feet from the North line and 1450 feet from the East line				
Ground Level Elev. 5630	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 317.25 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 Will be communitized

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.

NM053798  
Beard Oil Co.  
Bruce Anderson  
et al

Various McHugh Fee Leases

1510'

1450'

NM053798  
Beard Oil Co.  
Bruce Anderson  
et al

SEC. 29

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DIST. 3

## CERTIFICATION

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

Name  
James Hazen

Position  
Field Supt.

Company  
Jerome P. McHugh

Date  
5-23-85

I hereby certify that the location shown on this plat was observed in the field and noted 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  
May 3, 1985

Registered Professional Engineer  
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.