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LAND OFFICE	
OPERATOR	

30-039-23138

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

5. State Oil &amp; Gas Lease No.

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

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Janet
2. Name of Operator Jerome P. McHugh		9. Well No. 2
3. Address of Operator P. O. Box 208, Farmington, NM 87499		10. Field and Pool, or Wildcat Wildcat Basin Dakota
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1850</u> FEET FROM THE <u>South</u> LINE AND <u>790</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP. <u>25N</u> RGE. <u>2W</u> NMPM		12. County Rio Arriba
19. Proposed Depth 8200'		19A. Formation Dakota
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 7285' GL, 7297' RKB
21A. Kind & Status Plug. Bond State-wide		21B. Drilling Contractor Four Corners Drilling
22. Approx. Date Work will start 3-25-83		

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#	220'	159 cu.ft.	Surface
7-7/8"	4-1/2"	11.6#	8200'	2350 cu.ft.	Surface

Plan to drill with mud and set surface casing @ 220'. Will then drill with water-mud-gel mixture to test the Basin Dakota Formation. Plan to run IES and CDL logs and, if the well appears productive, will set 4 1/2" casing, cementing in 3 stages. Will then selectively perforate, frac, clean up after frac, and hopefully complete well using 2-3/8" tubing.

GAS DEDICATED.

7/7/83

RECEIVED

JAN 17 1983

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 Agent Date 1-14-83

(This space for State Use)

APPROVED BY [Signature] TITLE DIRECTOR DATE 1-17-83

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.

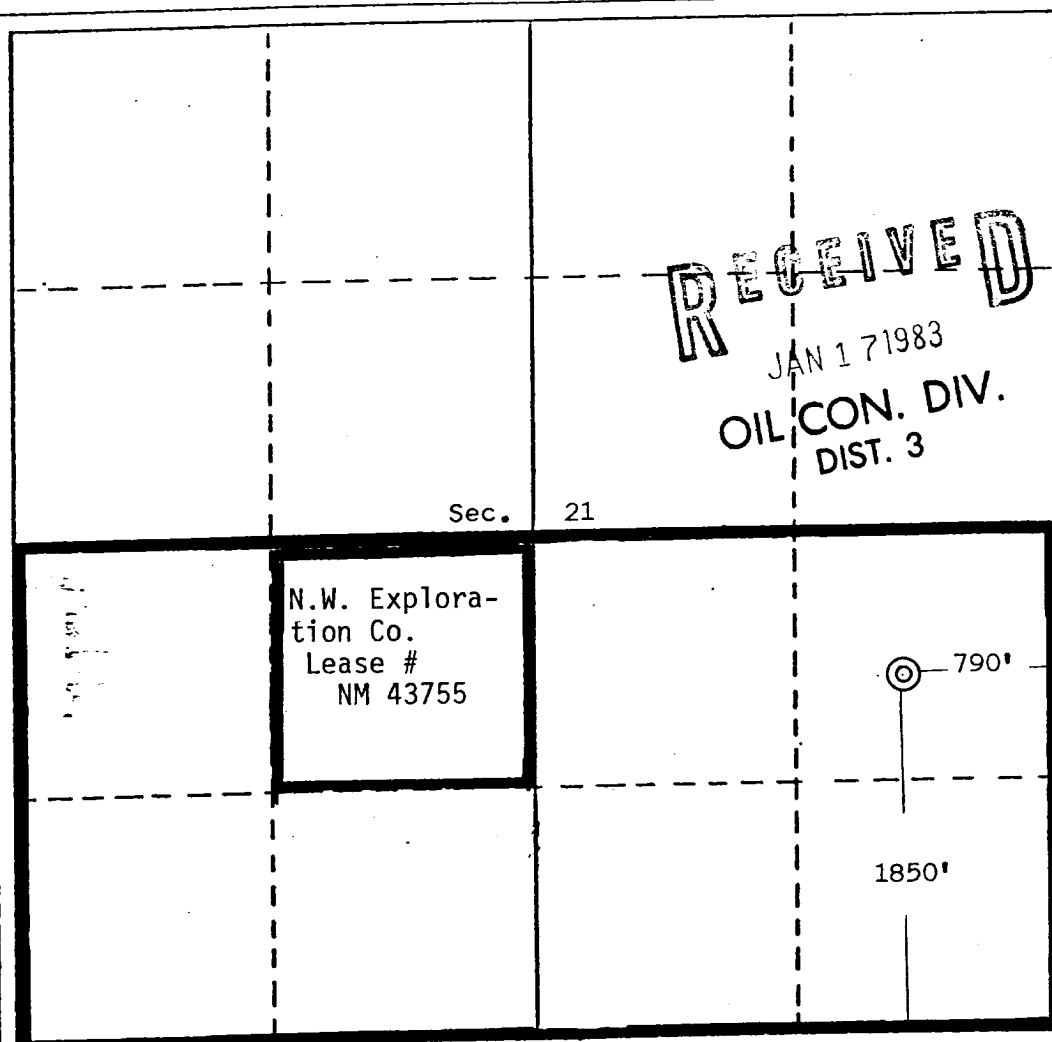
Operator Jerome P. McHugh		Lease Janet		Well No. 2	
Unit Letter I	Section 21	Township 25 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 790 feet from the East line					
Ground Level Elev. 7285	Producing Formation Dakota	Pool Wildcat Basin		Dedicated Acreage: 5.320 <del>1.66</del> 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 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.



## CERTIFICATION

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

*Jerome McHugh*  
Name  
Jerome McHugh

Position  
Landman

Company  
Dugan Production Corp.

Date  
1-14-83

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  
December 20, 1982

Registered Professional Engineer  
and/or Land Surveyor

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

