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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 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 Carracas Mesa 14	
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>D</u> LOCATED <u>1100</u> FEET FROM THE <u>North</u> LINE AND <u>1100</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>14</u> TWP. <u>32N</u> RGE. <u>4W</u> NMPM		12. County Rio Arriba	
19. Proposed Depth 8020		19A. Formation Dakota	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6270' GL	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Four Corners Drlg.	22. Approx. Date Work will start ASAP

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'	148 cu.ft.	surface
8-3/4"	7-5/8"	26.4#	5800'	875 cu.ft.	
6-1/4"	4-1/2"	11.6#	8020'	342 cu.ft.	

Plan to drill with spud mud to set surface casing at 250'. Will then drill with water & gel-chem. mud to 5800' and set 7-5/8" casing. Will drill out from under 7-5/8" with air to total depth of 8020'. Will run DIL-GR-SP & FDC-GNL-GR-Caliper logs. If Dakota appears productive, will set 4-1/2" liner from 5600' to TD. Will selectively perforate, frac, clean out after frac and complete well using 2-3/8" tubing.

Gas is not dedicated.

APPROVAL EXPIRES 4-21-87  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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OCT 21 1986  
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 10/21/86  
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 21 1986

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for  
Acresage Consolidation

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2058  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-79

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

Operator Jerome P. McHugh			Lease Carracas Mesa 14		Well No. 1
Unit Letter D	Section 14	Township 32 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 1100 feet from the North line and 1100 feet from the West line					
Ground Level Elev. 6270	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320.0 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 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.

1100	1100		
McHugh Fee Leases		Fed. Ls. NM 28812 Amoco Prod. (McHugh Farmin)	
		SEC. 14	

## CERTIFICATION

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

Name  
James S. Hazen  
Position  
Field Supt.

Company  
JEROME P. McHUGH

Date  
10/21/86

I, **EDGAR L. RISENHOOVER**, a Registered Professional Engineer and/or Land Surveyor, certify that the 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  
October 21, 1986

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