

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

25-6778

30-039-23437

## 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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 23038	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALIQUOT OR TRAIL NAME	
2. NAME OF OPERATOR Jerome P. McHugh		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 208, Farmington, New Mexico 87499		8. FARM OR LEASE NAME Native Son	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' FNL - 990' FEL At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Lindrith NM is 5 miles south		10. FIELD AND POOL, OR WILDCAT Gavilan Mancos/ Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		11. REC., T., R., M., OR ELEC. AND SURVEY OR AREA Sec. 34 T25N R2W	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH 13. STATE Rio Arriba NM	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, 3/4 mile to OR APPLIED FOR, ON THIS LEASE, FT. N/W (Native Son #2) 8200'		18. NO. OF ACRES ASSIGNED TO THIS WELL N/320 /40	
19. PROPOSED DEPTH 8200'		20. ROTARY OR CABLE TOOLS rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7308' GL 7320' RKB		22. APPROX. DATE WORK WILL START* ASAP	
23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GEOLOGICAL CASING AND CEMENTING PROGRAM" This action is subject to administrative appeal pursuant to 30 CFR 290.			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9-5/8"	36#	200'
7-7/8"	5 1/2"	15.5#/17	8130'
		QUANTITY OF CEMENT	
		159 cf circulated to surface	
		2750 cf cemented in 3 stages	
		and circulated to surface	

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 and Gavilan Mancos Formations sufficiently. Plan to run IES, CDL, and CNL logs; if the well appears productive will run 5 1/2" casing, cementing in three stages; will selectively perforate, frac, clean out after frac, and complete well using 2-3/8" tubing (OD.)

NMERB Requirement: GAS DEDICATED

APR 23 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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Jerry McHugh

TITLE Company Representative

DATE 3-22-84

(This space for Federal or State office use)

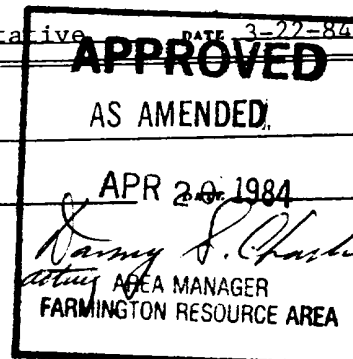
PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



\*See Instructions On Reverse Side

NMOCC

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-102  
Revised 10-1-78

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

Operator <b>Jerome P. McHugh</b>		Lease <b>Native Son</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>34</b>	Township <b>25 North</b>	Range <b>2 West</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>East</b> line				
Ground Level Elev. <b>7308</b>	Producing Formation <b>Mancos/Dakota</b>	Pool <b>Gavilan Mancos/Basin Dakota</b>	Dedicated Acreage: <b>320/40</b> 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.) \_\_\_\_\_

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.

NM 23038 MCHUGH	<b>RECEIVED</b> APR 23 1984 OIL CON. DIV. DIST. 3 SEC. 34	
	<b>RECEIVED</b> APR 12 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA	

CERTIFICATION

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

*Jerry McHugh*  
Name  
**Jerry McHugh**

Position  
**Co. Representative**

Company  
**Jerome P. McHugh**

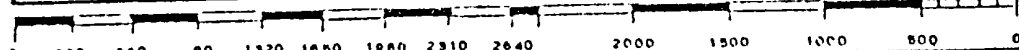
Date  
**3-22-84**

I certify that the location shown on this plat was plotted from field notes of a survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

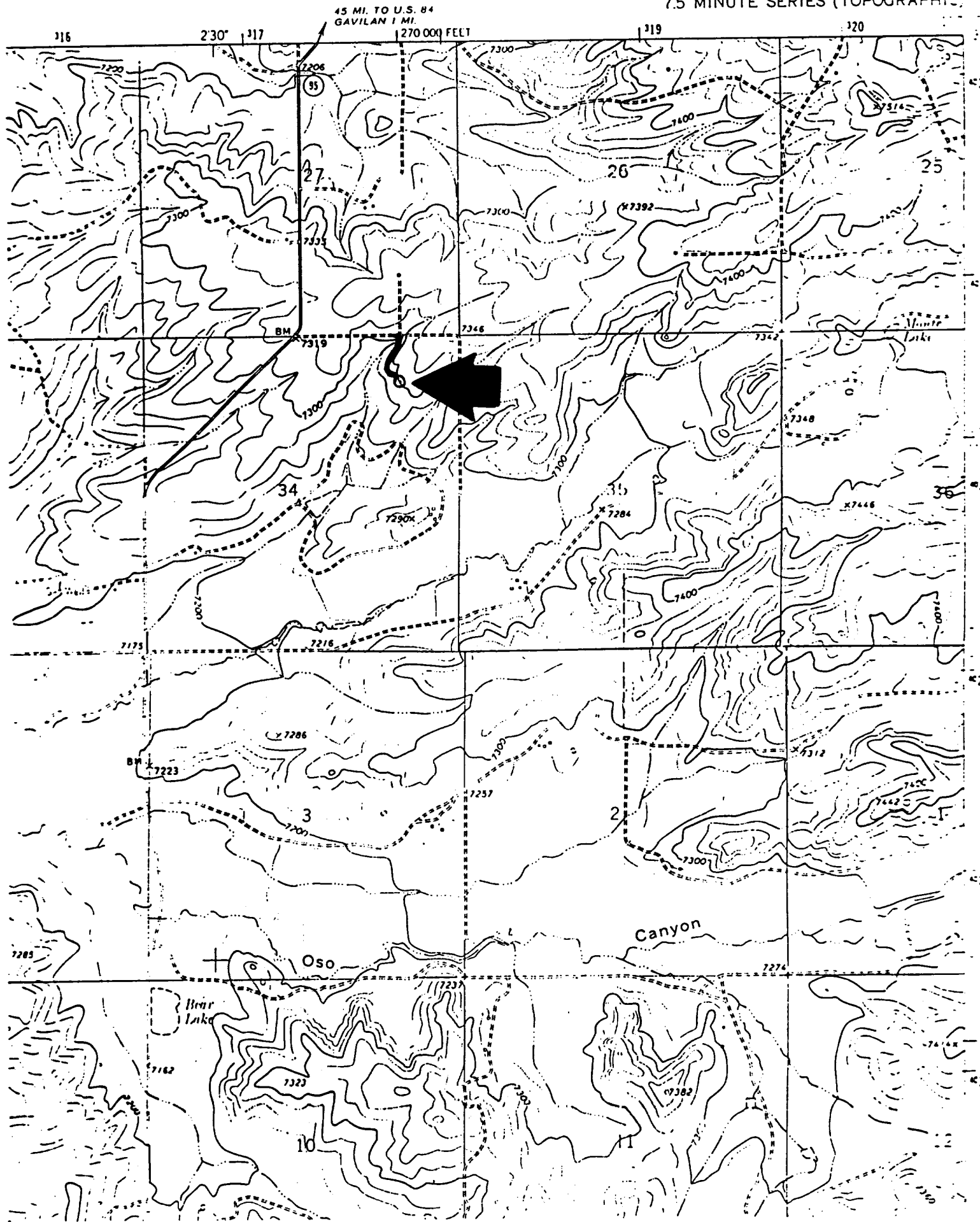
Date Surveyed  
**March 17, 1984**

Registered Professional Engineer and/or Land Surveyor

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



LINDRITH QUADRANGLE  
NEW MEXICO-RIO ARriba CO  
7.5 MINUTE SERIES (TOPOGRAPHIC)



JEROME P. MCHUGH - Native Son #1

Existing Roads =====

Exhibit E

Planned Access Road(s) —————

Exhibit E

Distance from nearest town or reference pt.  
Lindrith, NM is 5 miles south

Width 20' Maximum grades 1/2%

Drainage design wing ditches if necessary

Cuts & Fills N/A

Surfacing material local dirt

Type of surface dirt

Turnouts none

Conditions good

Culverts none

Gates none

Other none

Cattleguards none

Fence cuts none

Access road(s) do/do not cross Fed/Ind land.