

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE, NAME	
2. NAME OF OPERATOR Jerome P. McHugh				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 208, Farmington, NM 87499				8. FARM OR LEASE NAME Native Son	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FSL - 790' FEL At proposed prod. zone				9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Lindrith is 4 miles south				10. FIELD AND POOL, OR WILDCAT Gavilan Mancos/Gavilan Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		16. NO. OF ACRES IN LEASE 640		17. NO. OF ACRES ASSIGNED TO THIS WELL E 320/40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. south dry hole 500' to 8190'		19. PROPOSED DEPTH 8190'		20. ROTARY OR CABLE TOOL rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) DRILLING OPERATIONS AUTHORIZED ARE 7233 GL SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM "GENERAL REQUIREMENTS"				22. APPROX. DATE WORK WILL START* ASAP	
SIZE OF HOLE		SIZE OF CASING		QUANTITY OF CEMENT	
12 1/4"	9-5/8"	36#	200'	159 cf circulated to surface	
8 1/2"	5 1/2"	17./15.5	8190'	2750 cf cemented in 3 stages and circulated to surface	

Plan to drill with spud mud to set surface pipe at 200'. Will then drill with water-mud-gel mixture to test the Dakota and Mancos formations. Plan to run IES, CDL, and CNL logs. If the well appears productive will run 5 1/2" casing, cementing in three stages. Then plan to selectively perforate, frac, clean out after frac and complete in the Mancos. Will complete in the Dakota if possible.

NMERB Requirement: GAS DEDICATED

RECEIVED
NOV 26 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 9-26-84
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE NOV 13 1984
CONDITIONS OF APPROVAL, IF ANY:APPROVED
AS AMENDEDM. MILLENBACH
AREA MANAGER*See Instructions On Reverse Side
NMOCC

WELL LOCATION AND ACREAGE DEDICATION PLAT

Superseded by
Effective 1-1-63

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

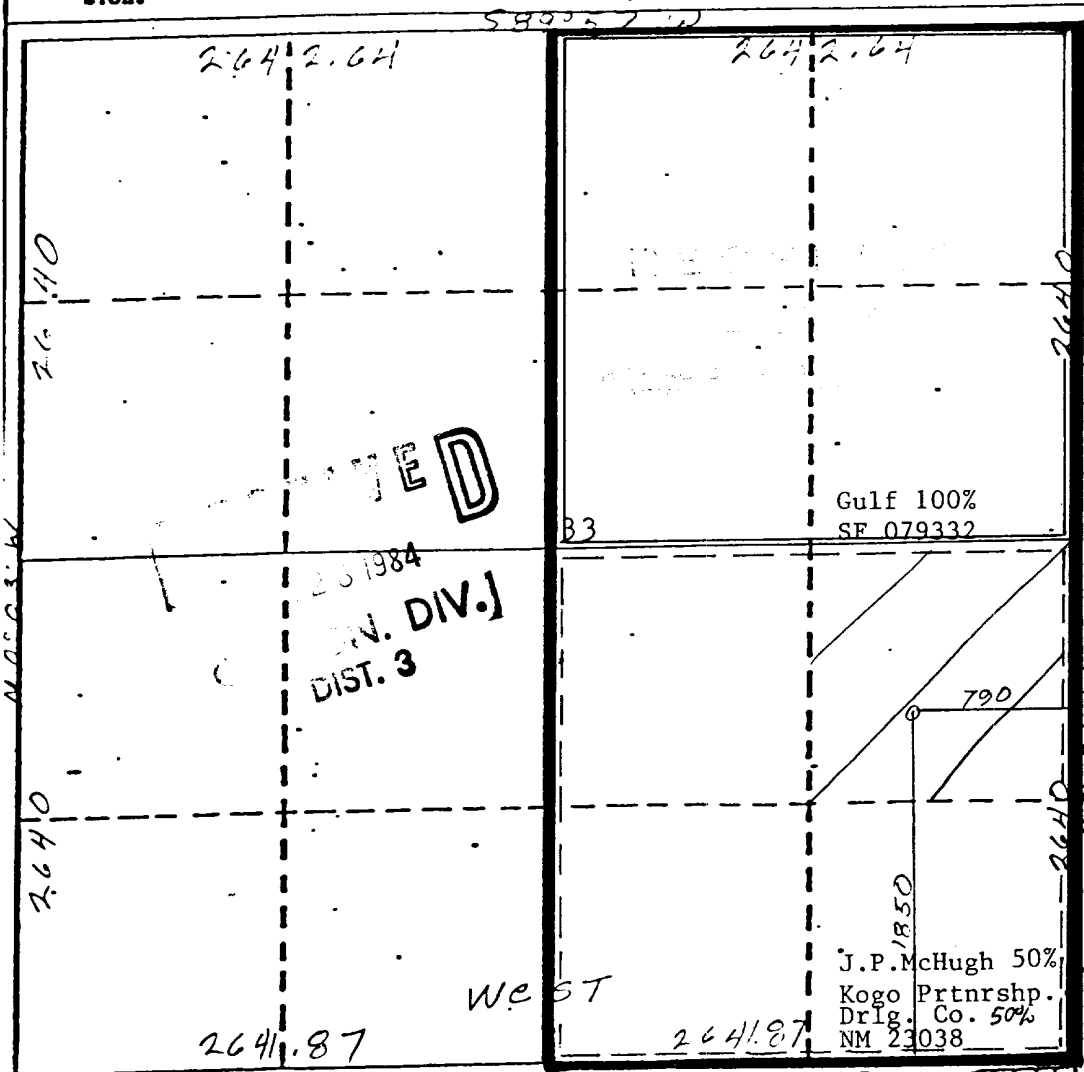
Operator JEROME P. MCHUGH		Lease NATIVE SON		Well No. 3
Unit Letter I	Section 33	Township 25 NORTH	Range 2 WEST	County RIO ARriba
Actual Footage Location of Well 1850 feet from the SOUTH line and 790 feet from the EAST line				
Ground Level Elev. 7233	Producing Formation Dakota/Mancos	Pool Gavilan Mancos/Gavilan Dakota	Dedicated Acreage 320 / 40 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 Commission.

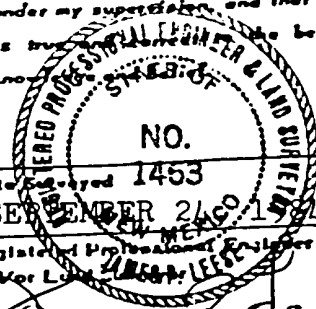


CERTIFICATION

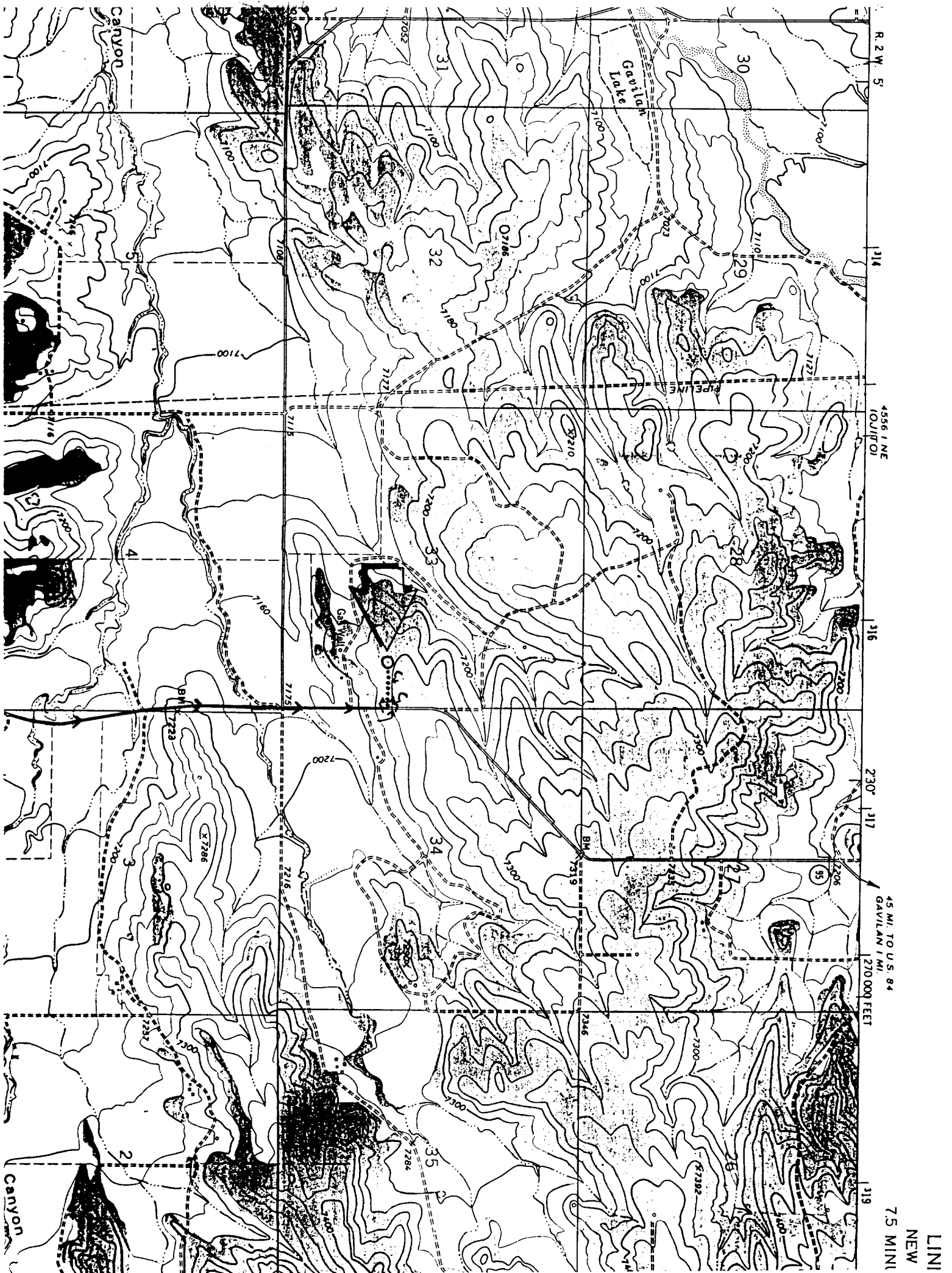
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Jerry McHugh
Position Co. Representative
Company Jerome P. McHugh
Date 9-26-84

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 to the best of my knowledge.



Date Surveyed 1453
SEPTEMBER 24, 1984
Registered Professional Engineer
and/or Land Surveyor
JAMES P. LEESE
Certificate No. 1463



JEROME P. MCHUGH - Native Son #3


Existing Roads  Exhibit E

Distance from nearest town or reference pt.
Lindrith is 4 miles south

Type of surface S.H. #95

Conditions good

Other none

Planned Access Road(s)  Exhibit E

Width 20' Maximum grades 1%
Drainage design Culverts, bar ditches, wing
Cuts & Fills N/A ditches where appl.
Surfacing material local dirt
Turnouts none
Culverts C
Gates N/A
Cattleguards A
Fence cuts \ /

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