

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-23606
5. LEASE DESIGNATION AND SERIAL NO.

NM 23034

6. IF INDIAN, ALLOTTEE OR TRILL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Twilight Zone

9. WELL NO.

1

10. FIELD AND POOL OR WILLIAMS

Gavilan Mancos/Dakota

11. SEC., T., R., M., OR ELE.
AND SURVEY OR AREA

Sec. 12, T24N, R2W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Jerome P. McHugh

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1850' FSL - 1850' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Lindrith is 2 miles south

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1850'

16. NO. OF ACRES IN LEASE

480

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.

1000' to S.E.

19. PROPOSED DEPTH

8200

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7355 GL 7367 RKB

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP
This action is subject to administrative
appeal pursuant to 30 CFR 290.

23. PROPOSED Casing and Cementing Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	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.

NMRB Requirement: GAS NOT 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 McHughTITLE Company Representative

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

ohf

*See Instructions On Reverse Side

NMOCC

10-11-84
APPROVED
AS AMENDED
NOV 13 1984
<i>Debra Loeis</i>
FOR AREA MANAGER FARMINGTON RESOURCE AREA

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.

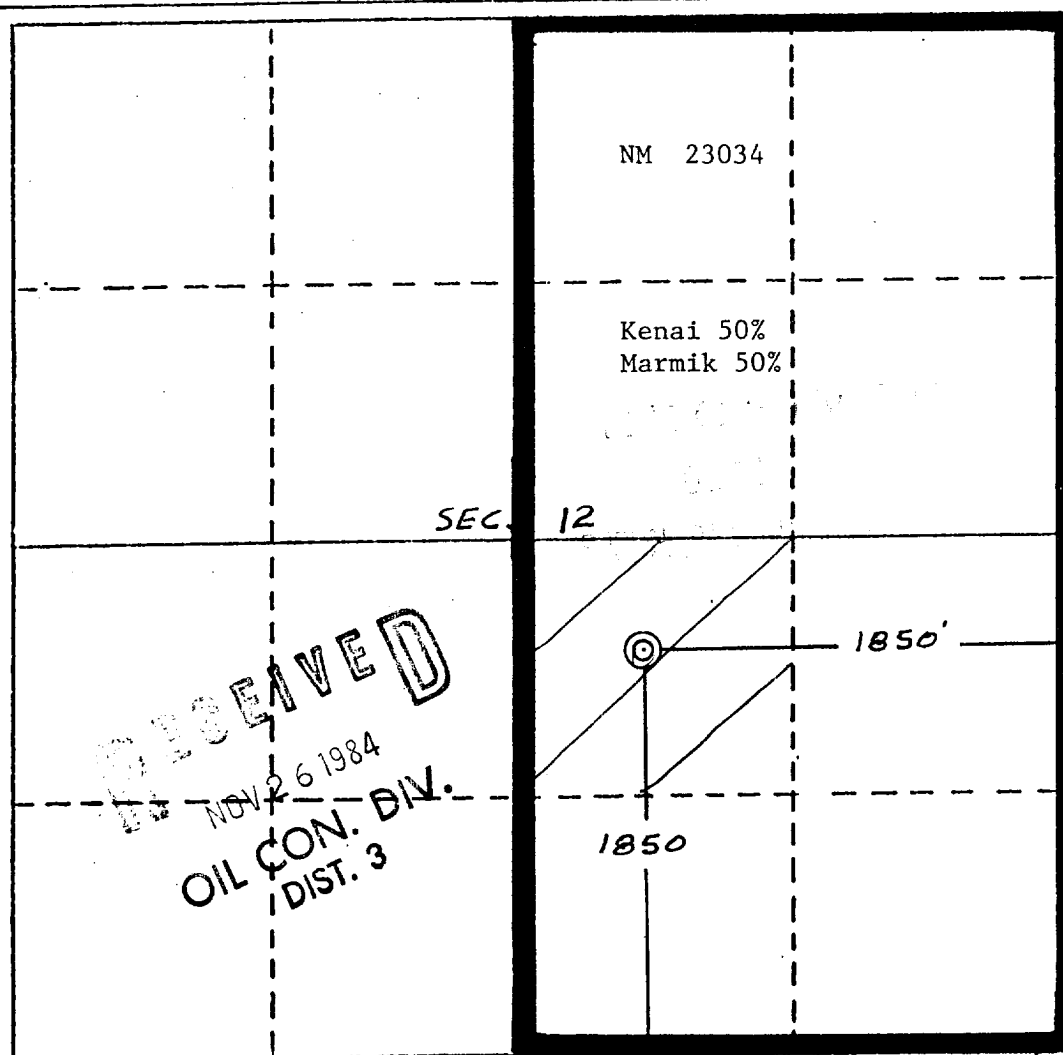
Operator Jeuome P. McHugh			Lease Twilight Zone		Well No. 1
Unit Letter J	Section 12	Township 24 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 7355	Producing Formation Mancos/Dakota		Pool Gavilan Mancos/Dakota	Dedicated Acreage: 320 / 40 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.



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
10-11-84

I hereby certify that the information shown on this plat was prepared from field notes of actual 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
October 5, 1984

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover, L.S.

