

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

P O Box 809, Farmington, NM 87499

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

At surface
1420' FSL - 660' FEL
At proposed prod. zone

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

4-3/4 mi. NW of Lindrith, NM

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

100'

16. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED TO THIS WELL

187.32

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1 mi.

Full Sail #3

19. PROPOSED DEPTH

±8200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RKB, or other action is subject to technical and procedural review pursuant to 43 CFR 3165.3, and appeal pursuant to 43 CFR 3165.4.)

7096' GL; 7108' RKB

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	"GENERAL REQUIREMENTS"
12-1/4"	9-5/8"	36#	250'	150 cu.ft. to surface
7-7/8"	5-1/2"	15.5 & 17.0#	8200'	2295 cu.ft. to surface in 3 stages

Plan to drill with spud mud to set surface casing at 250'. Will then drill with water and gel-chem. mud to test the Gavilan Mancos & Gavilan-Greenhorn-Graneros Dakota formations at total depth of ±8200'. Will run DIL-GR-SP & FDC-GNL-GR-Caliper logs. If well appears productive, will set 5½" casing at total depth, cementing in 3 stages. Will selectively perforate, frac, clean out after frac & complete well using 2-7/8" tubing.

GAS IS DEDICATED.

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DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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

James S. Hazen

James S. Hazen

TITLE

Field Supt.

DATE

6/27/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NSP-NSL R7407-C Mancos
NMOCC only
Hold 666000 for NSL + NSP FOR

(SGD.) STEVE HENKE

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator Jerome P. McHugh		Lease Full Sail		Well No. 4
Unit Letter I	Section 30	Township 25 North	Range 2 West	County Rio Arriba
Actual Footage Location of Well: 1420 feet from the South line and 660 feet from the East line				
Ground Level Elev. 7096	Producing Formation Mancos/Dakota	Pool Gavilan-Greenhorn-Graneros Dakota & Gavilan Mancos		Dedicated Acreage: 187.32 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 Commission.

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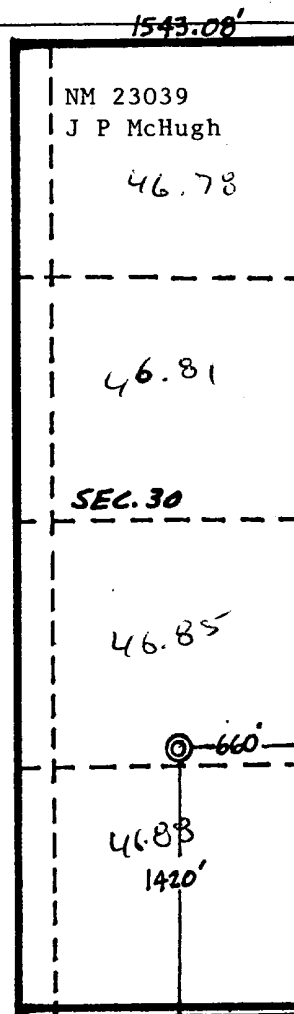
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DIST. 3



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
6/27/86

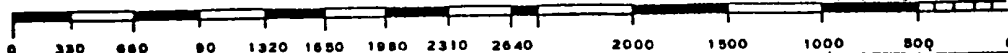
I, **EDGAR L. RISENHOVER**, a duly licensed Registered Professional Engineer and/or Land Surveyor, certify that the location shown on this plat was located from field notes or records made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

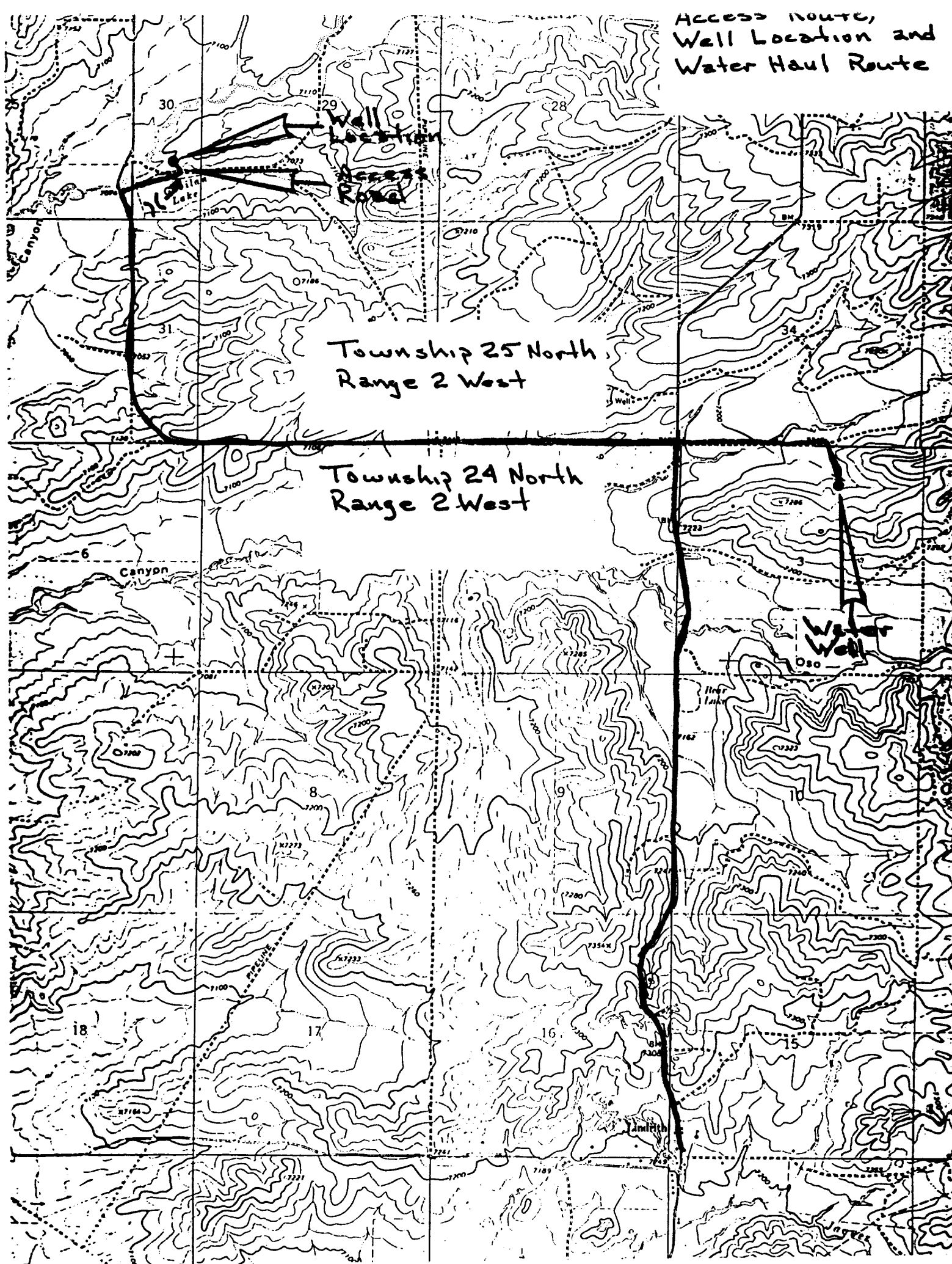
Date Surveyed
May 1, 1986

Registered Professional Engineer
and/or Land Surveyor

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

Edgar L. Risenhoover, L.S.





Existing Roads

Distance from nearest town or reference pt.
6 miles from Lordsburg, N.M.

Type of surface Hwy 95 paved, all other dirt

Conditions Good

Other _____

Exhibit E

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 4%

Drainage design _____

Cuts & Fills NA

Surfacing material Dirt

Turnouts 1

Culverts NA

Gates NA

Cattleguards NA

Fence cuts NA

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