

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 234, Farmington, NM 87401

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

At surface

1100' FSL - 1710' FEL

At proposed prod. zone

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

20 miles south Farmington, NM

15. DISTANCE FROM PROPOSED*LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1100'

16. NO. OF ACRES IN LEASE

640

**17. NO. OF ACRES ASSIGNED
TO THIS WELL**

160

18. DISTANCE FROM PROPOSED LOCATION*TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.**19. PROPOSED DEPTH**

1400'

20. ROTARY OR CABLE TOOLS

Rotary

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

6087' GR

22. APPROX. DATE WORK WILL START*

12-1-75

23.**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-1/4"	5-1/2"	14#	30'	5 sx
4-3/4"	2-7/8"	6.4#	1400'	75 sx

Plan to drill 4-3/4" hole with air or minimum mud to 1400' to test Pictured Cliffs formation.

Do not plan to have blowout preventer on well while drilling. Will install master valve and stripper head while completing.

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

Thomas A. Dugan

TITLE

Engineer

DATE

10-7-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

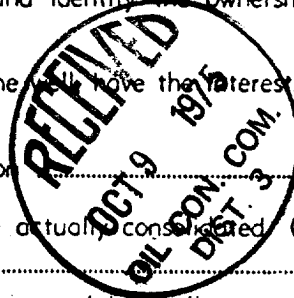
Operator Jerome P. McHugh			Lease Chaco Plant			Well No. 8		
Unit Letter 0	Section 25	Township 26 North	Range 12 West	County San Juan				
Actual Footage Location of Well:								
1100 feet from the South line and			1710 feet from the East line					
Ground Level Elev. 6087		Producing Formation Pictured Cliffs		Pool Undesignated			Dedicated Acreage: 160 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 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

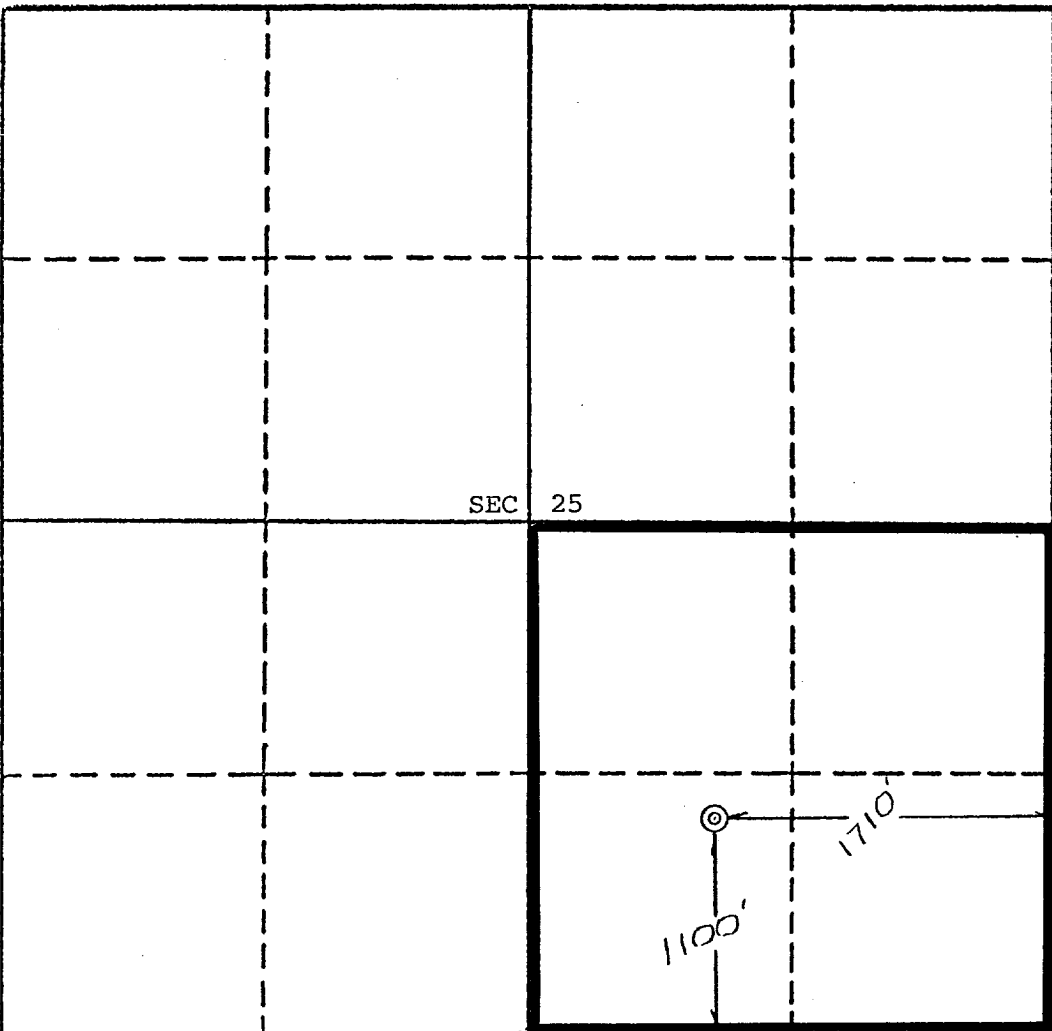
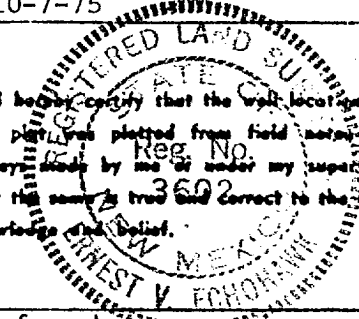
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Thomas A. Dugan
 Name _____
 Thomas A. Dugan
 Position _____
 Engineer
 Company _____
 Jerome P. McHugh
 Date _____
 10-7-75

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 and correct to the best of my knowledge and belief.

Date Surveyed _____
 September 17, 1975
 Registered Professional Engineer
 and/or Land Surveyor

E. V. Echoshawk
 Certificate No. 3602
 E.V.Echoshawk LS



Scale, 1 inch = 1,000 feet