

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21774

## 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, New Mexico 87401

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

At surface

990' FNL — 1120' FEL

1720

At proposed prod. zone

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

22 miles south Farmington, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

990'

## 16. NO. OF ACRES IN LEASE

160

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.

None

## 19. PROPOSED DEPTH

1300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6006' GR

## 22. APPROX. DATE WORK WILL START\*

5-15-75

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 7-7/8"       | 5-1/2"         | 14#             | 50'           | 10 sx              |
| 4-3/4"       | 2-7/8"         | 6.5#            | 1150'         | 100 sx             |


Plan to test Pictured Cliffs formation using slim hole technique. Plan to set 2-7/8" tubing through Pictured Cliffs formation, selectively perforate, frac, clean out, run 1-1/4" tubing, swab well in, and put on production.

We do not plan to use a blowout preventer while drilling well. We 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

4-22-75

(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 ACREAGE DEDICATION PLAT

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

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

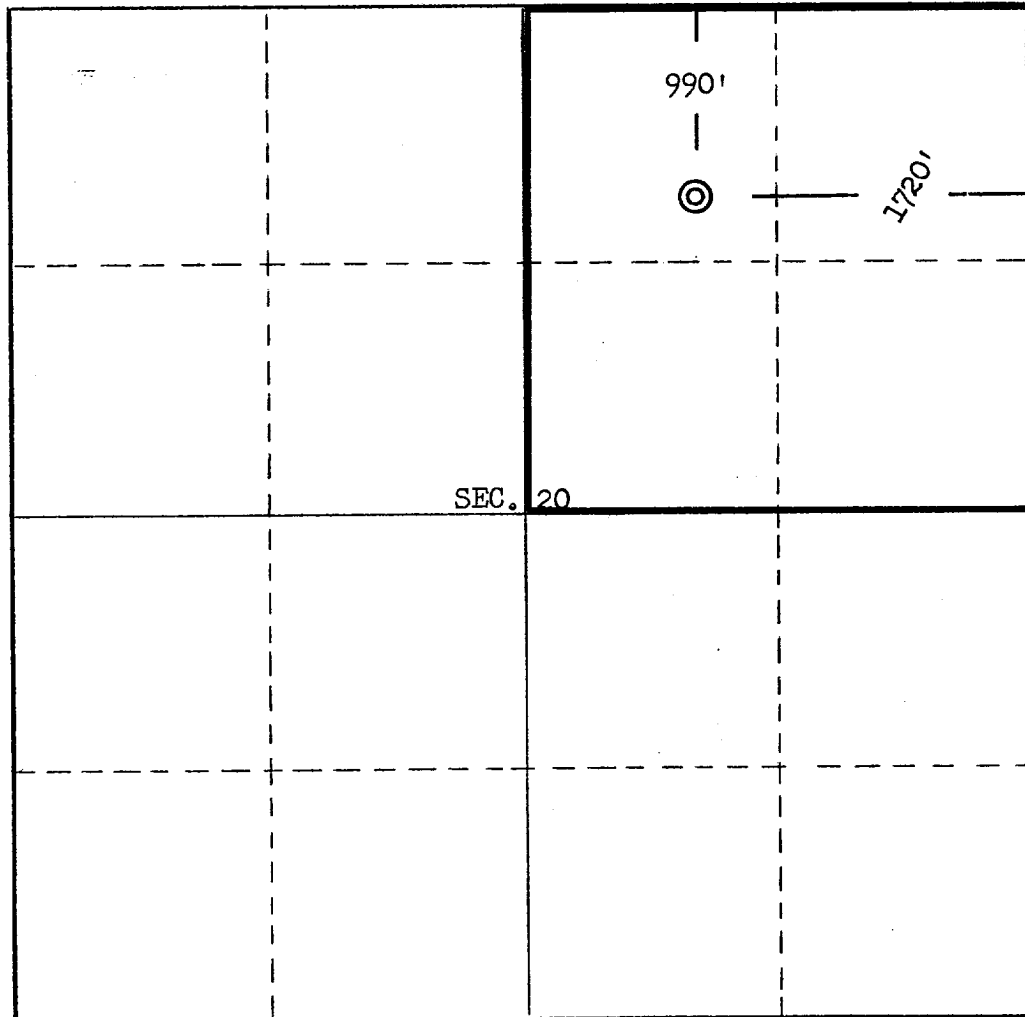
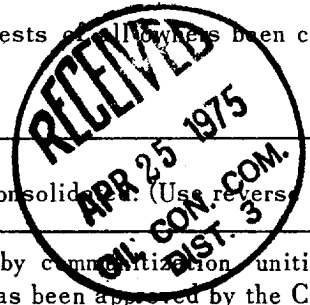
|   |   |                             |  |                           |
|---|---|-----------------------------|--|---------------------------|
| Operator<br><b>Jerome P. McHugh</b>   |   | Lease<br><b>Chaco Plant</b> |  | Well No.<br><b>3</b>      |
| Unit Letter<br><b>B</b>   | Section<br><b>20</b>                          | Township<br><b>26 North</b> | Range<br><b>12 West</b>                | County<br><b>San Juan</b> |
| Actual Footage Location of Well:<br><b>990</b> feet from the <b>North</b> line and <b>1720</b> feet from the <b>East</b> line |   |                             |  |                           |
| Ground Level Elev.<br><b>6037</b>   | Producing Formation<br><b>Pictured Cliffs</b> | Pool<br><b>Wildcat</b>      | Dedicated Acreage:<br><b>160</b> 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 \_\_\_\_\_

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.

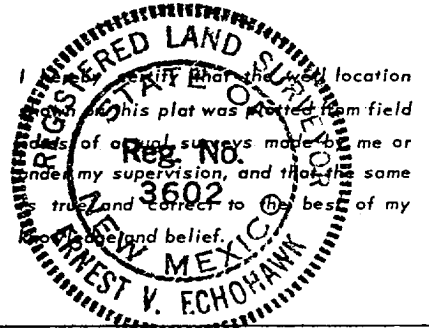
*Thomas A. Dugan*  
Name

Thomas A. Dugan  
Position

Engineer  
Company

Jerome P. McHugh  
Date

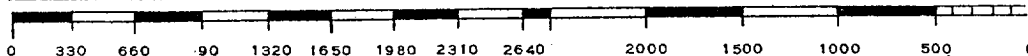
4-22-75



Date Surveyed  
**April 4, 1975**

Registered Professional Engineer  
and/or Land Surveyor

*E. V. Echohawk*  
Certificate No. **3602**  
E.V. Echohawk LS



Form 9-371  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 12028

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chaco Plant

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 20, T26N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Jerome P. McHugh

3. ADDRESS OF OPERATOR

Box 234, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1510' FEL -- 850' FNL

14. PERMIT NO.

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

6037' GR

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

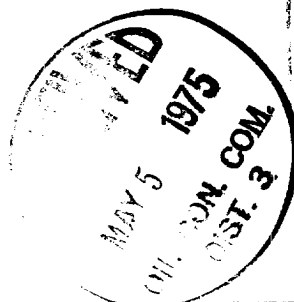
WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Change of Location ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We moved location with the approval of Bob Moore, Bureau of Land Management representative, to get out of the sand dunes.

RECEIVED

MAY 2 1975

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

Thomas A. Dugan

TITLE

Engineer

DATE

5-1-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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

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Supersedes C-128  
Effective 1-1-65

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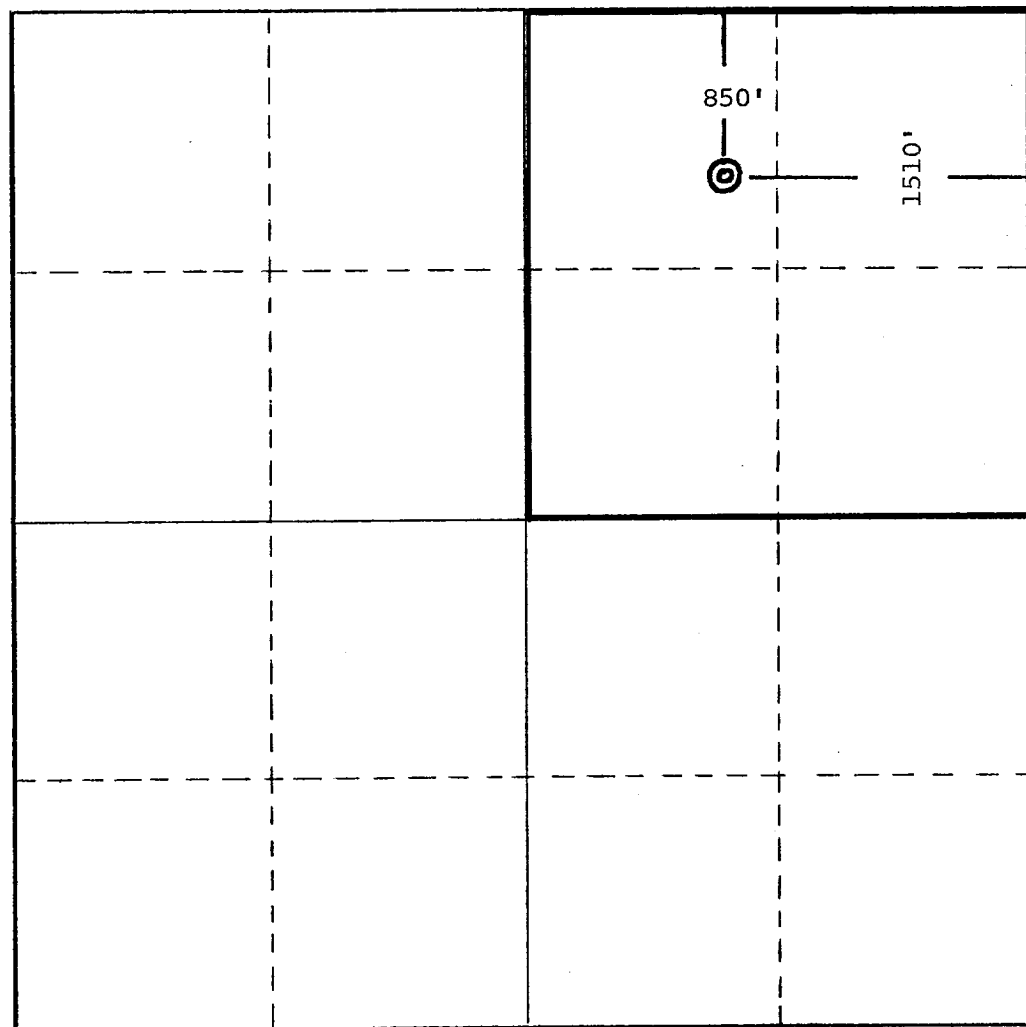
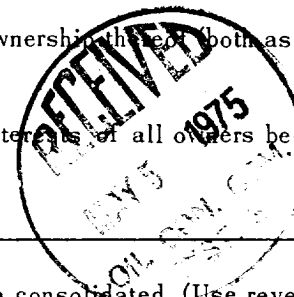
|   |   |                             |                             |                           |  |
|---|---|-----------------------------|-----------------------------|---------------------------|--|
| Operator<br><b>Jerome P. McHugh</b>   |   |                             | Lease<br><b>Chaco Plant</b> |                           | Well No.<br><b>3</b>                   |
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| Actual Footage Location of Well:<br><b>1510</b> feet from the <b>East</b> line and <b>850</b> feet from the <b>North</b> line |   |                             |                             |                           |  |
| Ground Level Elev.<br><b>6037'</b>  | Producing Formation<br><b>Pictured Cliffs</b> |                             | Pool<br><b>Wildcat</b>      |                           | Dedicated Acreage:<br><b>160</b> Acres |

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☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

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**CERTIFICATION**

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

Name  
**Thomas A. Dugan**  
Position  
**Engineer**  
Company  
**Jerome P. McHugh**  
Date  
**5-1-75**

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  
**April 30, 1975**  
Registered Professional Engineer and/or Land Surveyor

Certificate No. **2373**  
**Thomas A. Dugan**  
Reg. Prof. Engr.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0