

UNITED STATES  
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY *APT 30-015-2206R*

## 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 14929	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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 234, Farmington, NM		8. FARM OR LEASE NAME Chaco Plant	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1780' FNL - 1670' FWL At proposed prod. zone		9. WELL NO. 15	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles south Farmington, NM		10. FIELD AND POOL, OR WILDCAT Undesignated - PC	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 970'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T26N, R12W	
16. NO. OF ACRES IN LEASE 480		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx 3000'		19. PROPOSED DEPTH 1400'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 7-1-76	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6214' GR		22. APPROX. DATE WORK WILL START* 7-1-76	

## 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 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.



RECEIVED

MAY 24 1976

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

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 5-20-76  
(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.

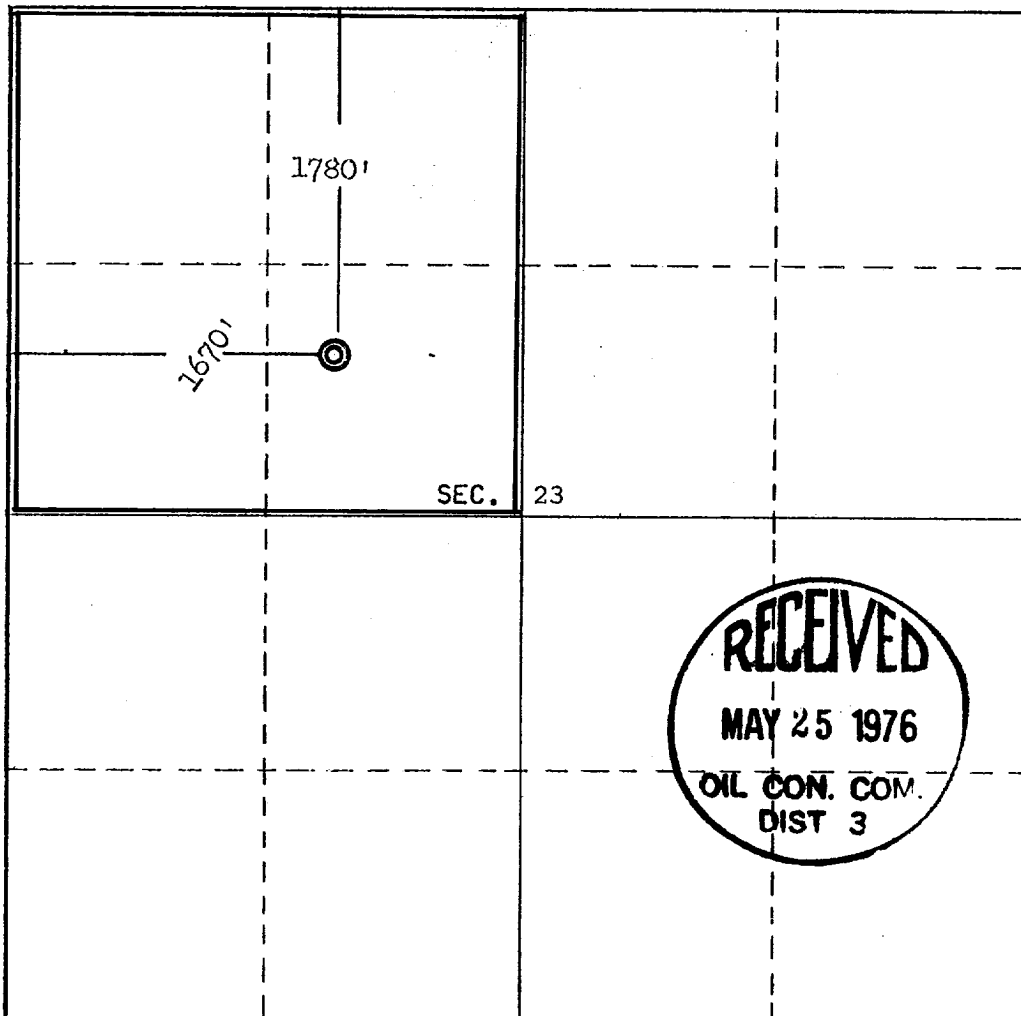
Operator <b>Jerome P. McHugh</b>			Lease <b>Chaco Plant</b>		Well No. <b>15</b>
Unit Letter <b>F</b>	Section <b>23</b>	Township <b>26 North</b>	Range <b>12 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1780</b> feet from the <b>North</b> line and <b>1670</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6214</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Undesignated</b>	Dedicated Acreage: <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.

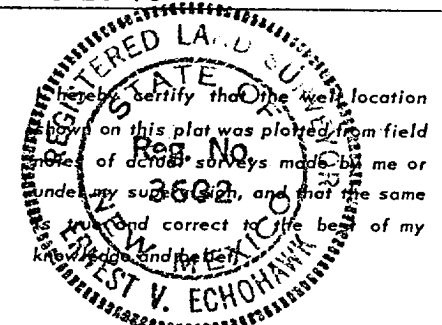
*Thomas A. Dugan*

Name  
**Thomas A. Dugan**

Position  
**Engineer**

Company  
**Jerome P. McHugh**

Date  
**5-20-76**



Date Surveyed  
**May 5, 1976**

Registered Professional Engineer  
and/or Land Surveyor

*E.V. Echohawk*

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

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