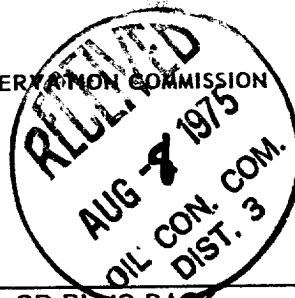


30-045-21859

Form C-101  
Revised 1-4-65

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## NEW MEXICO OIL CONSERVATION COMMISSION



## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		8. Farm or Lease Name Chaco Plant	
2. Name of Operator Jerome P. McHugh		9. Well No. 4	
3. Address of Operator Box 234, Farmington, NM 87401		10. Field and Pool, or Wildcat Under Wildcat PC	
4. Location of Well UNIT LETTER M LOCATED 710 FEET FROM THE South LINE AND 710 FEET FROM THE West LINE OF SEC. 16 TWP. 26N RGE. 12W NMPM		12. County San Juan	
19. Proposed Depth 1250'		19A. Formation Pictured Cliffs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6016' GR	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Joe Morrow	
22. Approx. Date Work will start 8-9-75			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7-7/8"	5-1/2"	14#	90'	15 cu ft	Surface
4-3/4"	2-7/8"	6.5#	1250'	75 cu ft	300'

Plan to drill a 7-7/8" hole to 90' and run 5-1/2" surface csg and cement to surface. A 4-3/4" hole will then be drilled to approx 1250' to test the Pictured Cliffs formation. If commercial production is indicated 2-7/8" tbg will be run for production csg. The well will then be completed.

(Note: A blowout preventer will be utilized on this hole due to the proximity of the El Paso Chaco Plant.)

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

11-6-75

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT RESERVOIR ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Thomas A. Dugan Title Engineer Date 8-7-75  
(This space for State Use)

APPROVED BY AK Dendrick TITLE PETROLEUM ENGINEER DIST. NO. 3 DATE AUG 8 1975

CONDITIONS OF APPROVAL, IF ANY:

Subject to approval of NSL.

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.

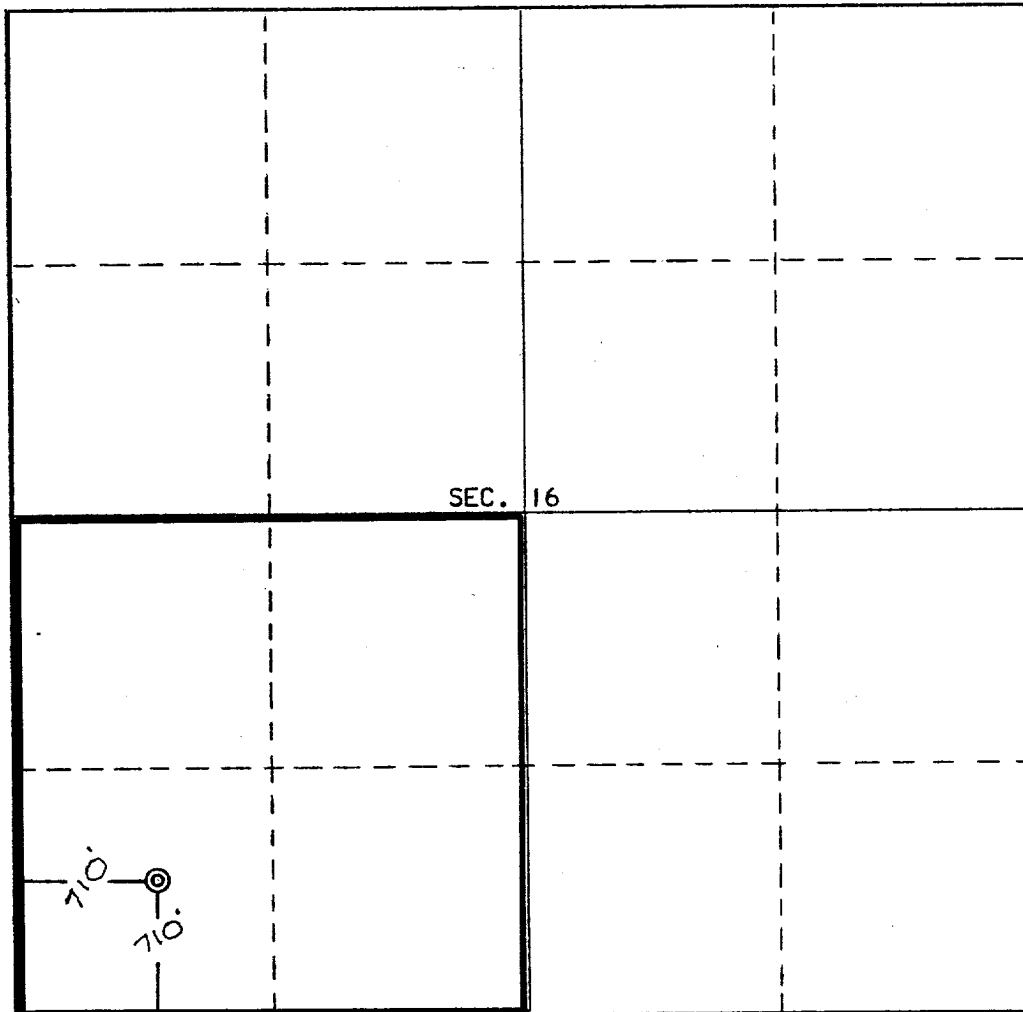
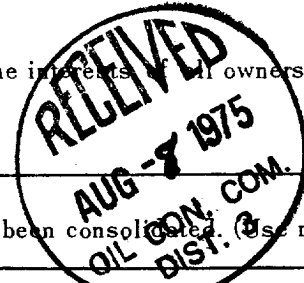
Operator <b>Jerome P. McHugh</b>			Lease <b>Chaco Plant</b>		Well No. <b>4</b>
Unit Letter <b>M</b>	Section <b>16</b>	Township <b>26 North</b>	Range <b>12 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>710</b> feet from the <b>South</b> line and <b>710</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6016</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Undesignated PC</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

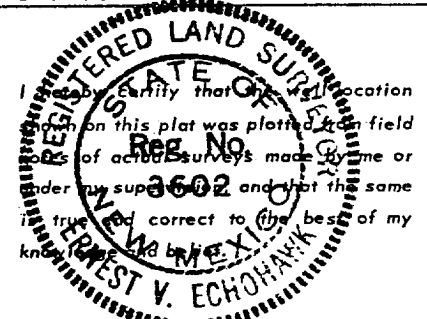
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Thomas A. Dugan*  
Name  
**Thomas A. Dugan**

Position  
**Engineer**

Company  
**Jerome P. McHugh**

Date  
**8-7-75**



Date Surveyed  
**August 7, 1975**

Registered Professional Engineer and/or Land Surveyor

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

