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## NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID  
FOR 90 DAYS UNLESS  
RENEWED

EXPIRES 11/29/76

30-045-22174  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG 1917

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

1a. Type of Work	7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name Mesa
2. Name of Operator Dugan Production Corp.	9. Well No. 2
3. Address of Operator Box 234, Farmington, NM 87401	10. Field and Pool, or Wildcat Wildcat - PC
4. Location of Well UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1600 FEET FROM THE West LINE OF SEC. 16 TWP. 24N RGE. 8W NMPM	12. County San Juan
19. Proposed Depth 2175'	19A. Formation Pictured Cliffs
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 6901' GR	21A. Kind & Status Plug. Bond Statewide
21B. Drilling Contractor Morrow Drilling Co.	22. Approx. Date Work will start 9-30-76

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8-3/4"	7"	20#	30'	10	Surface
4-3/4"	2-7/8"	6.4#	2175'	75	1000'

Plan to drill 4-3/4" hole with minimum mud 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.

NMERB Requirement: Gas dedicated to Northwest Pipeline Corporation.



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. 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 Jim L. Jacobs Title Geologist Date 8-27-76  
(This space for State Use)

APPROVED BY AP Kendrick TITLE Assistant State Geologist DATE SEP 1 1976  
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.

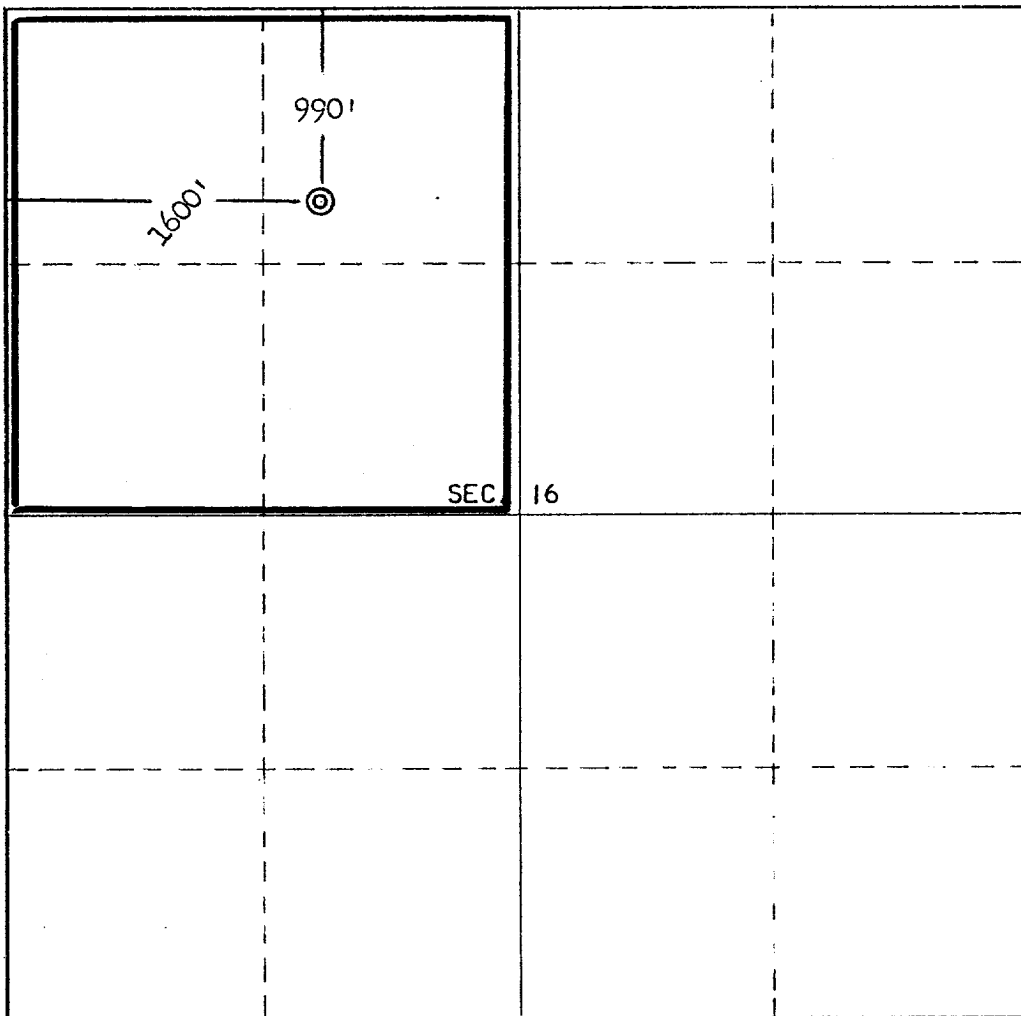
Operator <b>Dugan Production Corporation</b>			Lease <b>Mesa</b>		Well No. <b>2</b>
Unit Letter <b>C</b>	Section <b>16</b>	Township <b>24 North</b>	Range <b>8 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>North</b> line and <b>1600</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6901</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>Wildcat</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.*

*Jim L. Jacobs*

Name

**Jim L. Jacobs**

Position

**Geologist**

Company

**Dugan Production Corp.**

Date

**8-27-76**

I, the undersigned, a duly qualified and licensed Registered Land Surveyor of the State of New Mexico, do hereby certify that the location of this plat was taken 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.

**REGISTERED LAND SURVEYOR  
STATE OF NEW MEXICO  
REG. NO. 3602  
ERNEST V. ECHOHAWK**

Date Surveyed

**August 15, 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