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## NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23199  
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 3736	

## 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"/>		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Com	
2. Name of Operator		9. Well No.	
Dugan Production Corp.		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 234, Farmington, NM 87401		Harper Hill Fruitland PC	
4. Location of Well		12. County	
UNIT LETTER A LOCATED 1190 FEET FROM THE North LINE		San Juan	
AND 1070 FEET FROM THE East LINE OF SEC. 2 TWP. 29N RGE. 14W NMPM			
19. Proposed Depth		19A. Formation	
1250		Fruitland PC	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
5511		8-18-78	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
State wide		Joe Morrow	

23.

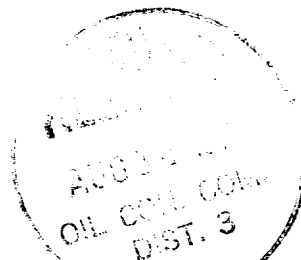
## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7-7/8	5-1/2	14	40	10	Surface
4-3/4	2-7/8	6.5	1250	200 cu ft	Surface

Plan to drill well to Fruitland - PC fm using slim hole technique with minimum mud, run open hole log, if productive plan to set 2-7/8" tbg for csg, cement to surface, selectively perforate, sand water frac, clean out after frac, run 1-1/4" tbg and complete well.

Do not plan to use BOP while drilling. Will use master valve and stripper head when completing well.

NMERB Requirement: Gas not dedicated



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 J. H. Dugan Title Petroleum Engineer Date 8-11-78

(This space for State Use)

APPROVED BY Frank E. Long TITLE Director DATE AUG 14 1978

CONDITIONS OF APPROVAL, IF ANY:

2nd 1070 for 22 with 100

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.

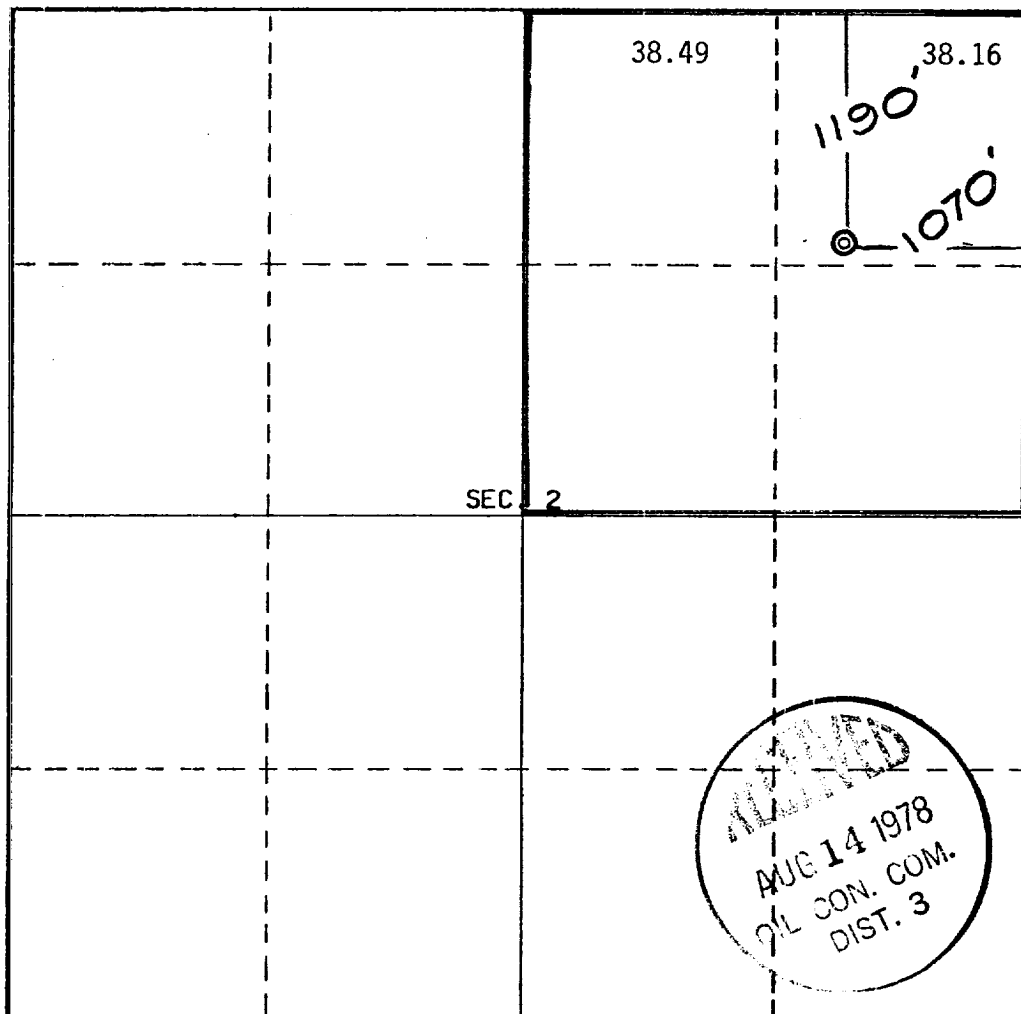
Operator <b>Dugan Production Corporation</b>			Lease <b>Com</b>		Well No. <b>2</b>
Unit Letter <b>A</b>	Section <b>2</b>	Township <b>29 North</b>	Range <b>14 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1190</b> feet from the <b>North</b> line and <b>1070</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5511</b>	Producing Formation <b>Fruitland - PC</b>		Pool <b>Harper Hill ext</b>	Dedicated Acreage: <b>156.65</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 Plan to communitize

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.

Name  
**Thomas A. Dugan**  
Position  
**Petroleum Engineer**  
Company  
**Dugan Production Corp.**  
Date  
**8-11-78**

I hereby certify that the well location shown on this plat was plotted from field notes of acreage 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  
**July 13, 1978**  
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

**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.

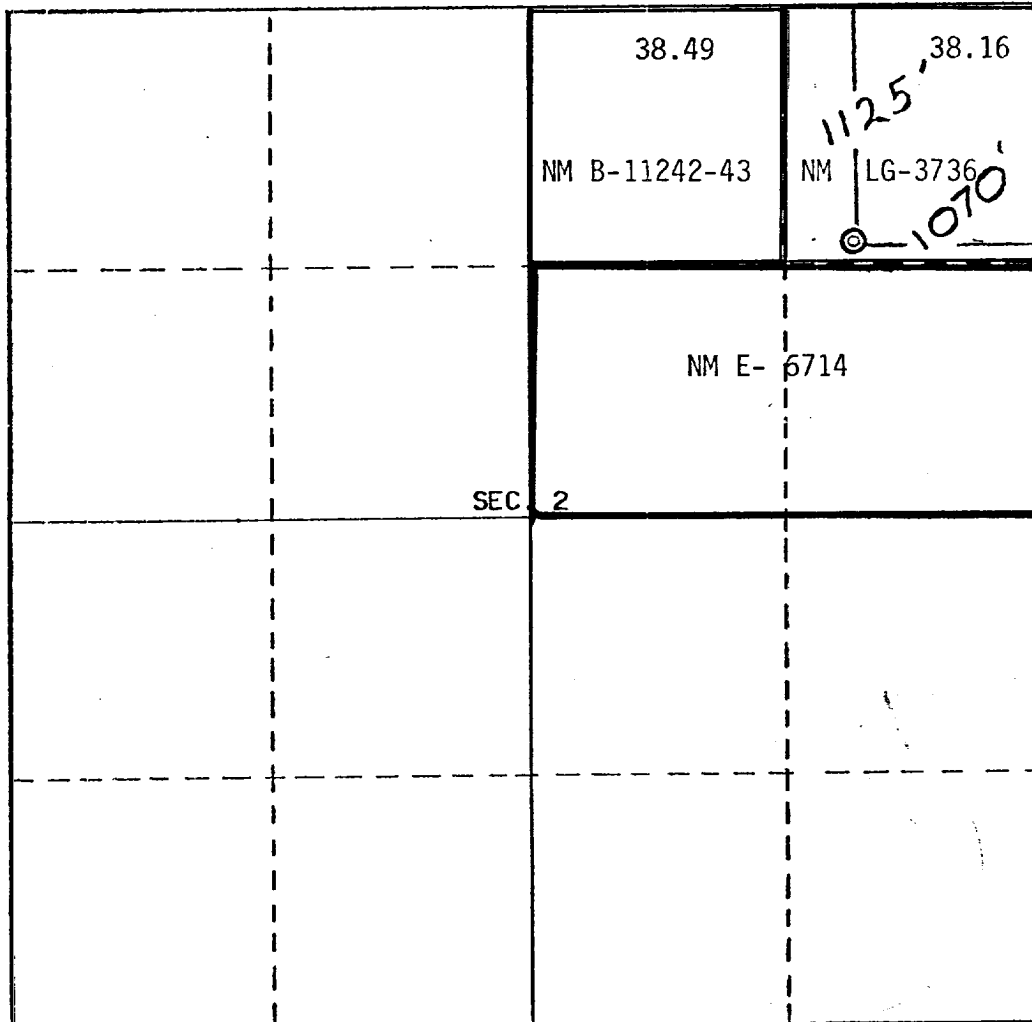
Operator <b>Dugan Production Corporation</b>			Lease <b>Com</b>		Well No. <b>2</b>
Unit Letter <b>A</b>	Section <b>2</b>	Township <b>29 North</b>	Range <b>14 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>1125</b> feet from the <b>North</b> line and</span> <span><b>1070</b> feet from the <b>East</b> line</span> </div>					
Ground Level Elev. <b>5511</b>	Producing Formation <b>Fruitland - PC</b>		Pool <b>Harper Hill</b>		Dedicated Acreage; <b>156.65</b> Acres

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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

Petroleum Engineer  
Company

Dugan Production Corp.  
Date

8-22-78

I hereby certify that the well location on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

**REGISTERED LAND SURVEYOR**  
**ESTABLISHED 1905**  
**MEXICO**  
**WILLIAM V. ECHOHAWK**

Date Surveyed

July 13, 1978

Registered Professional Engineer and/or Land Surveyor

*E. V. Echohawk*  
Certificate No. 3602

E.V. Echohawk LS

