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NEW MEXICO OIL CONSERVATION COMMISSION

30-093-03439  
Form O-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.  
OG 4070

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"/>		3. Farm or Lease Name Seven of Diamonds	
2. Name of Operator Dugan Production Corp.		9. Well No. 1	
3. Address of Operator Box 234, Farmington, NM 87401		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>U</u> LOCATED <u>980</u> FEET FROM THE <u>South</u> LINE <u>1760</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>30N</u> RGE. <u>13W</u> NMPM		12. County San Juan	
21. Elevations (Show whether DF, RT, etc.) 5907' GR		19. Proposed Depth 2025'	
21A. Kind & Status Plug. Bond state wide		19A. Formation Pictured Cliffs	
21B. Drilling Contractor Morrow		20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 5-1-79			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7-7/8	7"	20#	60'	10	surface
4-3/4	2-7/8"	6.4#	2025'	200	surface

Plan to drill well using mud as circulating medium to test Pictured Cliffs formation. If productive, plan to set 2-7/8" tbg for csg, selectively perforate, frac, clean out after, frac, run 1-1/4" tbg and complete well.

~~Do not plan to use a blowout preventer while drilling. Will use master valve and stripper head while completing well.~~ See below

NMERB: Gas not dedicated

APPROVAL MAILED  
FOR OIL CON. COM.  
DEPT. OF LAND & NATURAL RESOURCES

EXPIRES 6-22-79



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 Thomas A. Dugan Title Petroleum Engineer Date 3-22-79  
(This space for State Use)

APPROVED BY Frank E. Chang TITLE DEPUTY OIL & GAS ENGINEER DIST. 3 DATE MAR 23 1979

CONDITIONS OF APPROVAL, IF ANY:

BOP will be required while drilling below surface pipe and completing hole. Submit plan to District Supervisor before drilling test

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.

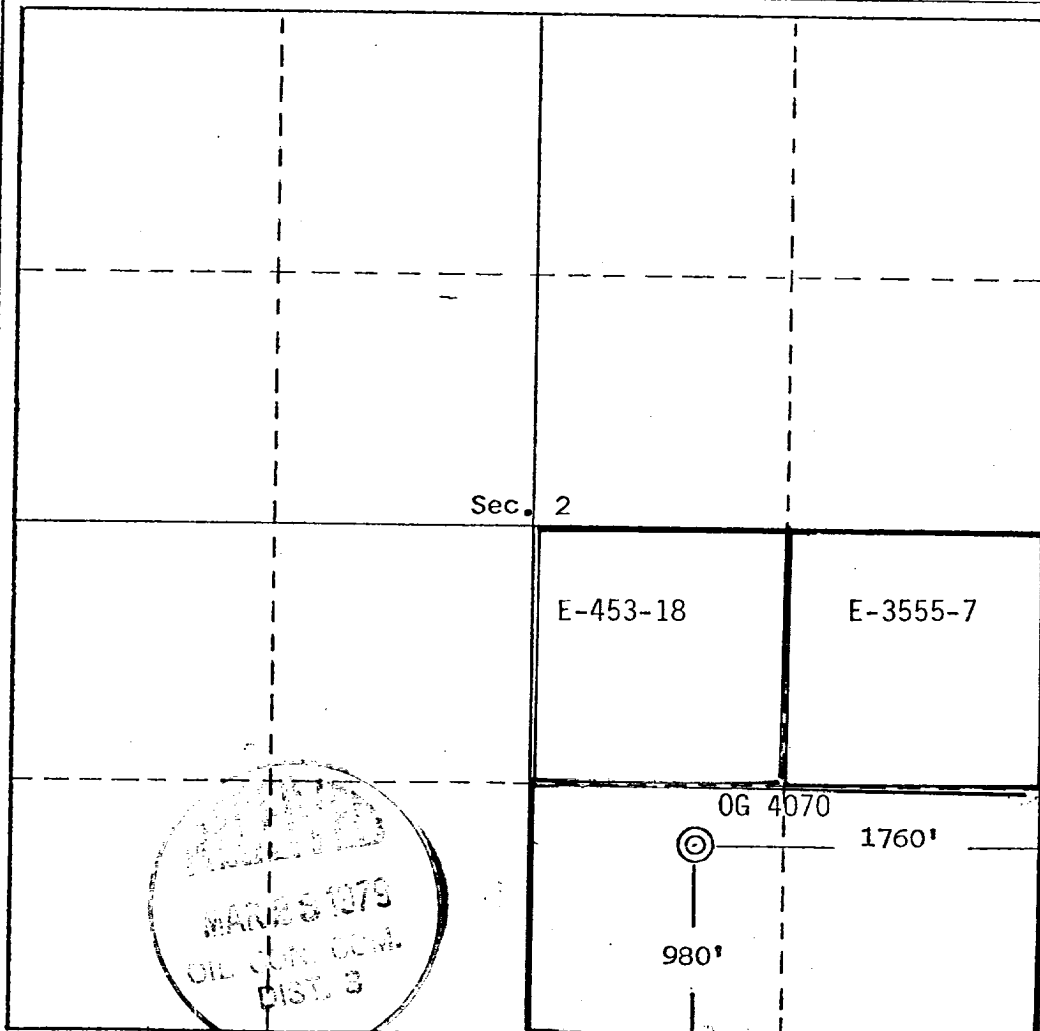
Operator <b>Dugan Production Corporation</b>			Lease <b>Seven of Diamonds</b>			Well No. <b>1</b>		
Unit Letter <b>0</b>	Section <b>2</b>	Township <b>30 North</b>	Range <b>13 West</b>	County <b>San Juan</b>				
Actual Postage Location of Well: <b>980</b> feet from the <b>South</b> line and <b>1760</b> feet from the <b>East</b> line								
Ground Level Elev. <b>5907</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 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.

*Thomas A. Dugan*  
Name

Thomas A. Dugan  
Position

President  
Company

Dugan Production Corp.  
Date

3-22-79

I hereby certify that the 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  
February 15, 1979

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979  
Edgar L. Risenhoover, L.S.

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