

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS OF OPERATOR

Box 234, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 860' FNL - 1170' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

12 miles north of Kirtland, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

150'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

1150'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5628'

22. APPROX. DATE WORK WILL START\*

June 30, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	5-1/2"	14#	40'	10 SX
4-3/4"	2-7/8"	6.4#	1150'	100 SX

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.

NMERB: 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 product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any.

24.

SIGNED

Thomas A. Dugan

TITLE

Petroleum Engineer

DATE

6-18-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions On Reverse Side

**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.

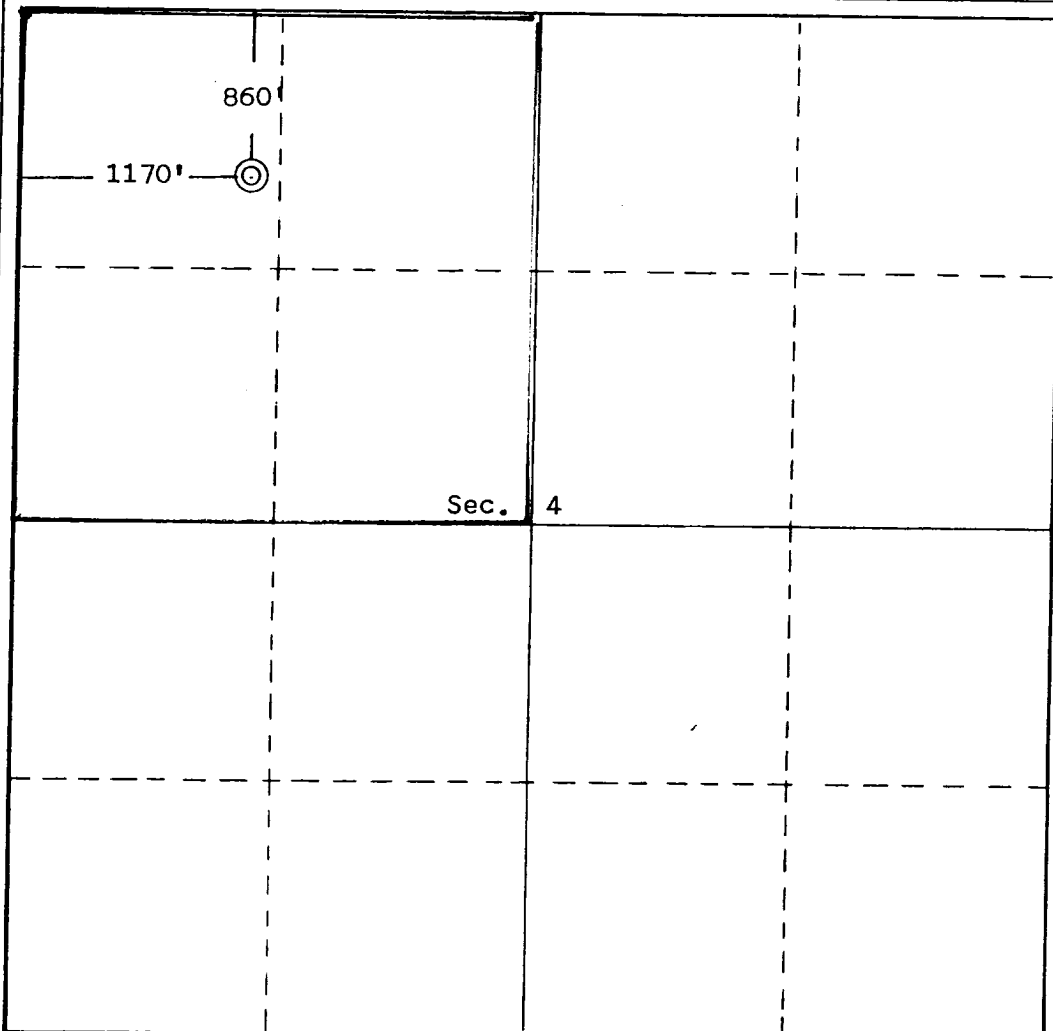
Operator <b>Dugan Production Corporation</b>			Lease <b>Jill</b>		Well No. <b>#1</b>
Unit Letter <b>D</b>	Section <b>4</b>	Township <b>30 North</b>	Range <b>14 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>860</b> feet from the <b>North</b> line and <b>1170</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5641</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 hatchure 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 w/NM 12086

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 President  
 Company Dugan Production Corp.  
 Date 6-18-79

I hereby certify that the location shown on this plat was obtained from field notes of actual survey 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  
**June 15, 1979**

Registered Professional Engineer and/or Land Surveyor

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

