

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 208, Farmington, N.M. 87401

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

At surface

660' FNL - 330' FWL

At proposed prod. zone

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

1 mile to Escribo - ~~TRADING POST~~

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 330' FWL  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

632.4

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

80 40

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

~ Approx 1/2 mi

## 19. PROPOSED DEPTH

5650'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7030' G.L.

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	135 sx
7-7/8"	4-1/2"	10.5#	5650'	250 sx, 1530 Cu. Ft. Total slurry

Plan to drill 4-1/2" hole to test the Gallup formation. Plan to run I.E.S. log to T.D. If productive, will set 4-1/2" casing, cement in two stages, selectively perforate, frac, clean out after frac, run 1-1/2" tbg and complete well.

Plan to use BOP furnished by rig while drilling (10" 3000 psi hydraulic).

Plan to use BOP rental while completing (6" 3000 psi double gate manual).

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

## 24.

SIGNED

  
Sherman E. Dugan

TITLE

Landman

DATE

8-20-80

(This space for Federal or State office use)

AS AMENDED  
PERMIT NO.

APPROVAL DATE

APPROVED BY

SEP 1 1980  
JAMES F. SIMS  
DISTRICT ENGINEER

TITLE

DATE

\*See Instructions On Reverse Side

NMCCG

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-120  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Dugan Production Corporation</b>			Lease <b>Sapp</b>		Well No. <b>2</b>
Unit Letter <b>D</b>	Section <b>5</b>	Township <b>23 North</b>	Range <b>7 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>660 feet from the North line and 330 feet from the West line</span> </div>					
Ground Level Elev. <b>7030</b>	Producing Formation <b>Gallup</b>	Pool <b>Escrito Gallup</b>	Dedicated Acreage: <b>40</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.

660  
330

Sec. 5

**RECEIVED**  
AUG 27 1980  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

**RECEIVED**  
SEP 12 1980  
OIL CONSERVATION DIVISION

**CERTIFICATION**

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

*Sherman E. Dugan*

Name  
**Sherman E. Dugan**

Position  
**Landman**

Company  
**Dugan Production Corp.**

Date  
**8-21-80**

I hereby certify that the well location shown on this plat was plotted 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  
**August 13, 1980**

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