

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

P O Box 208, Farmington, NM 87499

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

At surface

1850' FSL - 790' FWL

At proposed prod. zone

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

3 miles East to Chaco Plant

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 790' FWL  
(Also to nearest drig. unit line, if any)

## 16. NO. OF ACRES IN LEASE

320

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. 3600' to  
Irish #2

## 19. PROPOSED DEPTH

1300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6129' GL. DRILLING OPERATIONS AUTHORIZED ARE

23. SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS", PROPOSED CASING AND CEMENTING PROGRAM

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

ASAP

This action is subject to administrative  
appeal pursuant to 43 CFR 1.101-3.

## SIZE OF HOLE

## SIZE OF CASING

## WEIGHT PER FOOT

## SETTING DEPTH

8-3/4"

7"

20#

100'

5-1/8"

2-7/8"

6.5#

1300'

26 cf class "B" circ. to surface  
200 cf circulated to surface

Plan to drill a 8-3/4" hole with mud and set 100' of 7" surface casing. Then will drill a 5-1/8" hole with gel-mud-water program to 1300' to test Pictured Cliffs Formation. Will log open hole, evaluate log; if deemed productive, will run 2-7/8", 6.5#, J-55 tubing for casing, selectively perforate, frac, clean out and complete well.

RECEIVED

AUG 27 1984

GAS IS DEDICATED.

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

Geologist

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

SEP 20 1984  
OIL CON. DIV.  
DIST. 3

\*See Instructions On Reverse Side

DATE	8-23-84
APPROVED	
AS AMENDED	
SEP 19 1984	
J. A. Skellern	
Act. AREA MANAGER	
FARMINGTON RESOURCE AREA	

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-1,  
Revised 10-1-78

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

Operator <b>Dugan Production Corporation</b>			Lease <b>Irish</b>		Well No. <b>3</b>
Unit Letter <b>L</b>	Section <b>11</b>	Township <b>26 North</b>	Range <b>13 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>790</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6129</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>WAW Pictured Cliffs</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 will be communitized

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 Division

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1/22/1984

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

SEC. 11

Southland Royalty  
Lease No. NM 57580790' Hawthorn Oil Co. 50%  
Dugan Production Corp. 50%  
Lease No. NM 10757  
1850'SEP 20 1984  
OIL CON. DIV.  
DIST. 3

## CERTIFICATION

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

Name

Sherman E. Dugan

Position

Geologist

Company

Dugan Production Corp.

Date

8-23-84

I hereby certify that the location shown on this plat was made by me or under my supervision and that the same is true and correct to the best of my knowledge.

Date Surveyed

August 17, 1984

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

Edgar L. Risenhoover, L

