

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 a State requirement.)

At surface

1150' FSL - 1630' FEL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR VILLAGE TO PROPOSED WELL

1 mile SE of Lindrith

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 1150' FSL  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

80

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. 3200' E of Mer-  
drith # 108 O&G Lin-

## 19. PROPOSED DEPTH

3424'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7309' GL; 7321 RKB

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

## 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#	100'	85 cf circ. to surface
6-1/4"	4-1/2"	10.5#	3424'	422 cf circ. to surface

Plan to drill a 12 1/4" hole with spud mud to approximately 100', set 8-5/8" casing and cement to surface. Will then drill a 6 1/4" hole using mud and gel to total depth. Will run IES & CDL logs, and if productive, will run 4 1/2" casing, cement to surface, selectively perforate, frac, clean out after frac, and complete well.

Plan to use hydraulic BOP, bag type

Wellhead: 2000# working pressure, non-flanged

GAS IS NOT DEDICATED.

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

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*  
Sherman E. Dugan

TITLE

Geologist

DATE 5-15-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

JUN 12 1985

/s/ J. Stan McKee

M. MILLENBACH  
AREA MANAGER

\*See Instructions On Reverse Side

NMOC

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

Operator Dugan Production		Lease Cobh		Well No. 1	
Unit Letter 0	Section 22	Township 24 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1150 feet from the South line and 1630 feet from the East line					
Ground Level Elev. 7309	Producing Formation Pictured Cliffs	Pool South Blanco Pictured Cliffs	Dedicated Acreage: 160 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 Division.

		<p style="text-align: center;"><b>RECEIVED</b> MAY 17 1985 BUREAU OF LAND MANAGEMENT SARASOTA RESOURCE AREA</p>	
		<p style="text-align: center;">SEC. 22</p>	
<p style="text-align: center;">JUN 17 1985 OIL CON. DIV. DIST. 3</p>		<p style="text-align: center;">NM 40638 50% Dugan 50% O'Connell 1150'</p>	

## 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

Geologist

Company

Dugan Production Corp.

Date

May 15, 1985

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

Date Surveyed

May 8, 1985

Registered Professional Engineer  
and/or Land Surveyor

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

