

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 790' FNL - 1120' FWL

At proposed prod. zone

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

6 miles southwest of Blanco Trading Post

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

160.84

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N/320.84

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

1/2 mile North-
Dugan April Sur.#2

19. PROPOSED DEPTH

6050'

20. ROTARY OR CABLE TOOLS

rotary

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

6855' GL; 6867' RKB

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS" CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

ASAP

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	147 cf circulated to surface
7-7/8"	4-1/2"	10.5#	6050'	1892 cf in 2 stages

Plan to drill a 12-1/4" hole to set 200' of surface casing; then plan to drill 7-7/8" hole to total depth with gel-water-mud program to test the Dakota formation. Plan to run IES and CDL logs. If deemed productive, will run 4-1/2" casing, selectively perforate, frac, clean out after frac, and complete well.

GAS IS NOT DEDICATED.

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OIL CON. DIV.
DIST. 3

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 flowout prevention program, if any.

24.

SIGNED

Sherman E. Dugan
Sherman E. Dugan

TITLE

Geologist

2-13-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

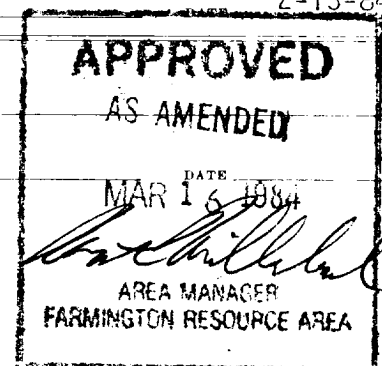
TITLE

CONDITIONS OF APPROVAL, IF ANY:

Jan 7

*See Instructions On Reverse Side

NMOCC



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.

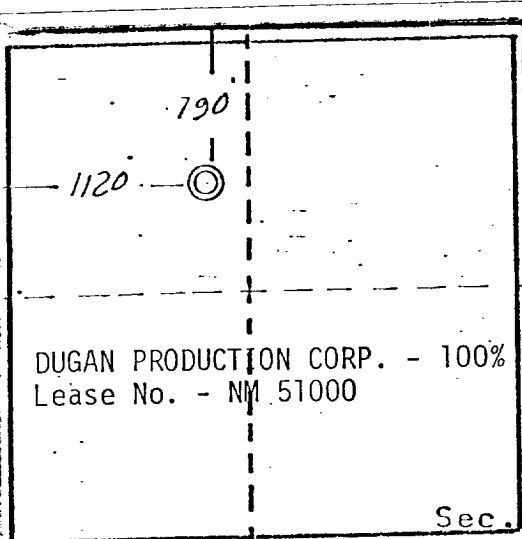
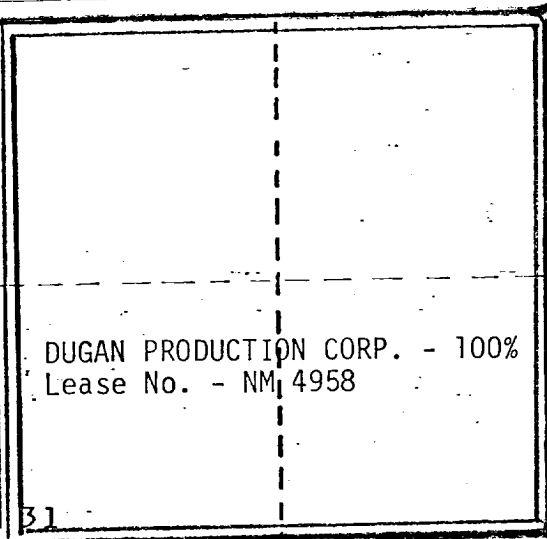
Operator Dugan Production Corporation		Lease Fabulous Feb		Well No. 1
Section D	Section 31	Township 24 North	Range 9 West	County San Juan
Actual Footage Location of Well: 790 feet from the North line and 1120 feet from the West line				
Ground Level Elev. 6855	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320.84 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 communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

 <p>DUGAN PRODUCTION CORP. - 100% Lease No. - NM 51000</p> <p>Sec. 31</p>	 <p>DUGAN PRODUCTION CORP. - 100% Lease No. - NM 4958</p>
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FEB 17 1984

BUREAU OF LAND MANAGEMENT
SANTA FE, NEW MEXICO

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
2-13-84

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

EGGAR L. RISENHOF
REGISTERED LAND SURVEYOR
NEW MEXICO
1979

Date Surveyed
February 6, 1984

Registered Professional Engineer
and/or Land Surveyor

E. Edgar L. Risenhof
Certificate No. 5979