

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-35496

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

OF WELL

☐

GAS
WELL

☒

OTHER

SINGLE
ZONE

☒

MULTIPLE
ZONE

☐

NAME OF OPERATOR

DUGAN PRODUCTION CORP.

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 - 1520' FEL

At proposed prod. zone

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

10 miles south of Farmington

15. DISTANCE FROM PROPOSED*

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

200'

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

1/2 mile

16. NO. OF ACRES IN LEASE

1424.64

19. PROPOSED DEPTH

1450'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6041' GL; RKB = GL

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
8-3/4"	7"	20#	100'	20 sx to surface
5-1/8"	2-7/8"	6.5#	1450'	200 cu. ft. to surface

Plan to drill with as little mud as possible to set surface casing at 100'. Then will drill with mud-water-gel mixture using the slim-hole technique to test the Pictured Cliffs Formation. If it appears productive after running IES log, will run 2-7/8" as casing, selectively perforate, possible frac and clean out, and complete the well with 1 1/4" tubing.

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 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

Jerry McHugh

TITLE

Landman

DATE 10-19-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

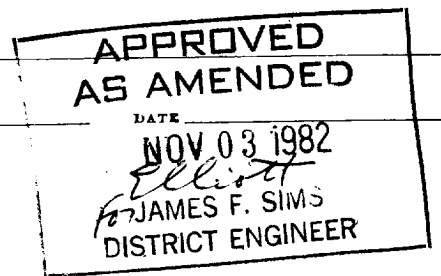
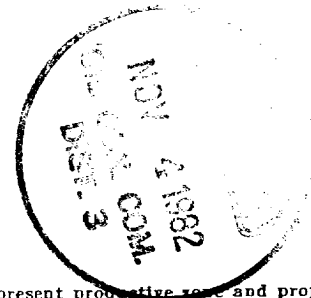
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ah7

MMOCC



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

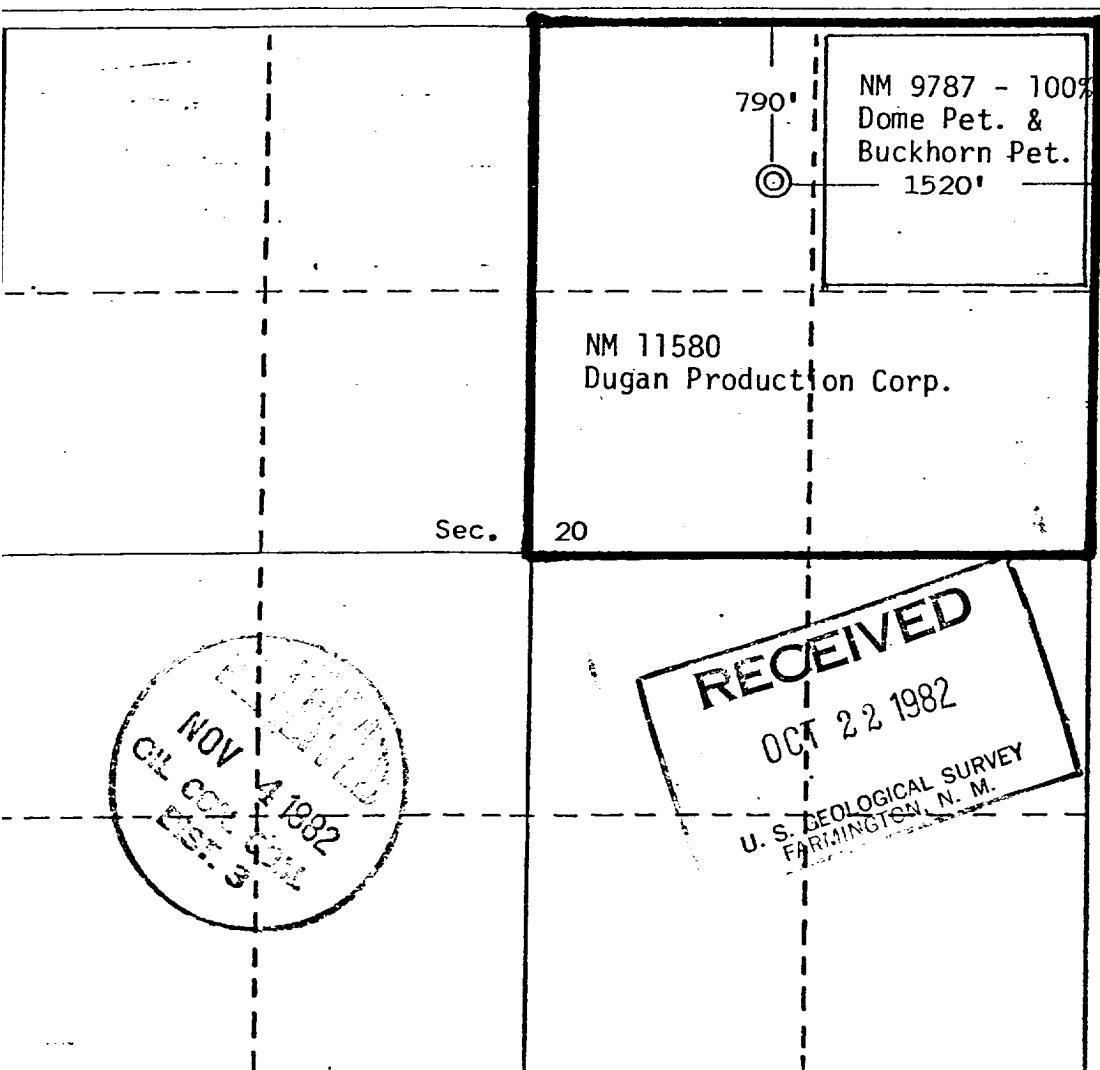
Operator Dugan Production Corporation			Lease K R		Well No. 11
Unit Letter B	Section 20	Township 27 North	Range 13 West	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 1520 feet from the East line					
Ground Level Elev. 6041	Producing Formation Fruitland PC	Pool WAW Fruitland PC	Dedicated Acreage: 160 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 Communitization

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.



CERTIFICATION

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

Name
Jerry McHugh
Position
Landman
Company
Dugan Production Corp.
Date
10-19-82

EDGAR L. RISENHOVER
NEW MEXICO
5979
REGISTERED LAND SURVEYOR

Date Surveyed
September 20, 1982
Registered Professional Engineer
and/or Land Surveyor

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

