

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*

10 miles south of Farmington, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1/2 mile

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

6111' GL; RKB = GL

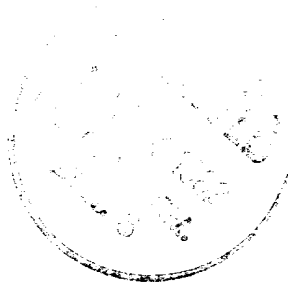
23.

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:

Joint with Baby Doe #1

NMOC

APPROVED
AS AMENDEDNOV 03 1982
JAMES F. SIMS
DISTRICT ENGINEER

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

Operator Dugan Production Corporation			Lease Dough Baby Doe		Well No. 1 J
Well Letter L	Section 29	Township 27 North	Range 13 West	County San Juan	

Actual Footage Location of Well:

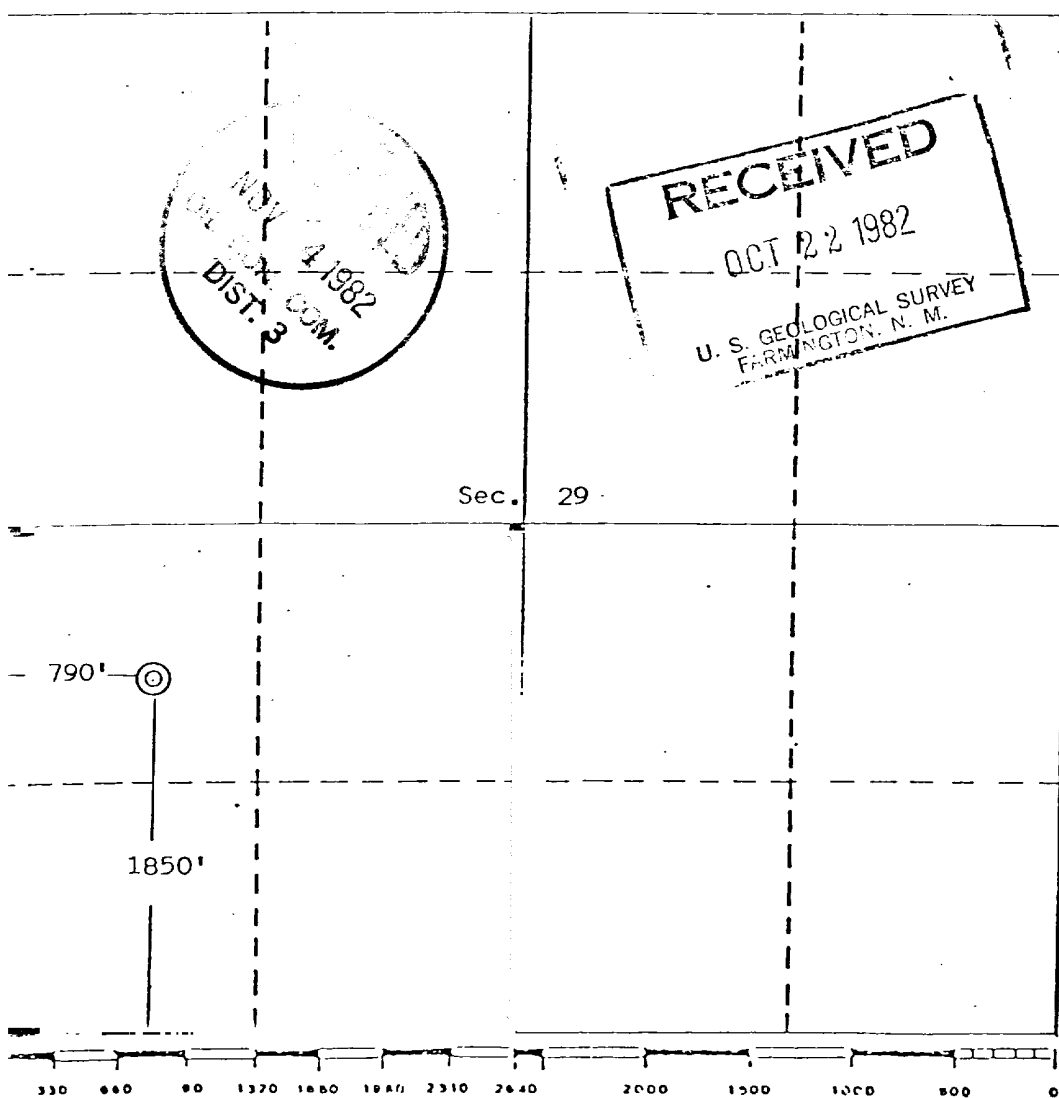
1850	feet from the	South	line and	790	feet from the	West	line
Ground Level Elev. 6111	Producing Formation Fruitland PC		Pool WAW Fruitland PC		Dedicated Acreage: 160 Joint with Baby Doe Acres		

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 _____

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.

Jerry McHugh

Name
Jerry McHugh

Position
Landman

Company
Dugan Production Corp.

Date
10-19-82

I hereby certify that the location shown on this plat was obtained 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
September 20, 1982

Registered Professional Engineer
and/or Land Surveyor

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