

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

2310' FSL - 2210' FWL

At proposed prod. zone

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

7 1/2 miles SW from Blanco Trading Post

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

330'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.3600' SW of
DPC's Marathon#1

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

6580' GL; 6592' RKB

23.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	159 cf circulated to surface
7-7/8"	4-1/2"	10.5#	4710'	1404 cf circulated to surface

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 24#, J-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

Gas is 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 logs and measured vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Barbara Williams
Barbara Williams

TITLE

Petroleum Engineer

DATE

10/30/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NM600C

5. LEASE DESIGNATION AND SERIAL NO.
N00-C-1420-73106. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Squaw Valley

9. WELL NO.

10. FIELD AND FOOT OF WELL
Undesignated Gallup11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 4, T23N, R10W, NMPM

12. COUNTY OR PARISH
San Juan13. STATE
NM

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

RECEIVED

DEC 27 1985

OIL CON. DIV.

DIST. 3

APPROVED
AS AMENDED

DEC 24 1985

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER*Hold C-104 for
30 acre plot*

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator Dugan Production Corporation		Lease Squaw Valley		Well No. 1
Unit Letter K	Section 4	Township 23 North	Range 10 West	County San Juan
Actual Footage Location of Well:				
2310	feet from the	South	line and	2210
				feet from the
				West
Ground Level Elev. 6580	Producing Formation Gallup		Pool <i>South Bisti</i> Undesignated Gallup Ext	Dedicated Acreage: 40 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.

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NOV 05 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

SEC. 4

Dugan Prod. Corp
N00-C-1420-7310

2210

2310

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NOV 7 1985

DIV. 1

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

October 30, 1985

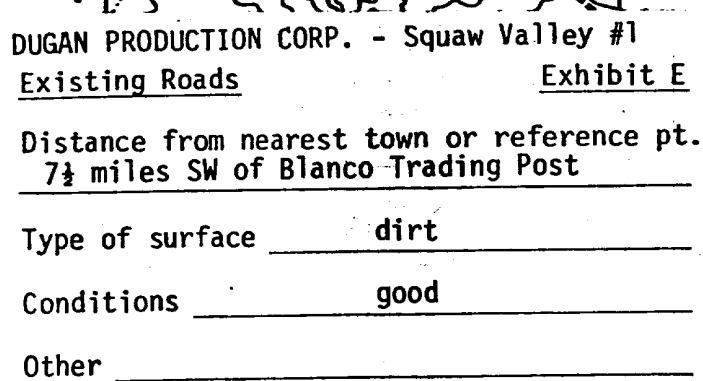
EDGAR L. RISENHOWER
REGISTERED LAND SURVEYOR
5979
I hereby certify that the well location shown on this plat was copied from field notes of 1979 made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

October 1, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhower
Certificate No. 5979



Access road(s) (do)/do not cross Fed/(Ind) land