

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

2060' FNL - 1880' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR VILLAGE

3 miles NE of Nageezi Trading Post

15. DISTANCE FROM PROPOSED*

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

1880' FWL

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.4100' SW of
DPCs Mesa #3 (PC)

19. PROPOSED DEPTH

5575

20. ROTARY OR CABLE TOOLS

Rotary

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

6777 GL; 6789' RKB

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

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#	200'	150 cf circ. to surface
7-7/8"	4-1/2"	10.5#	5575'	2120 cf in 2 stages

Plan to drill a 12 1/4" hole & 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 I.E.S. and C.D.L. logs. If deemed productive, will run 4 1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well.

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

RECEIVED
JUN 13 1985
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 blowout preventer program, if any.

24.

SIGNED

Sherman S. Dugan
Sherman S. Dugan
(This space for Federal or State office use)

TITLE

Geologist

DATE

5-15-85

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JUN 10 1985

/s/ J. Stan McKee

for M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

NM0000

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 Phantom Ranch		Well No. 1
Unit Letter F	Section 21	Township 24 North	Range 8 West	County San Juan
Actual Footage Location of Well: 2060 feet from the North line and 1880 feet from the West line				
Ground Level Elev. 6777	Producing Formation Gallup	Pool Undesignated Gallup	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.

2060'			
1880'	McHugh - 50%		
	⊙		
	Dugan Prod. 50%		
	NM 40643		
	SEC. 21		
RECEIVED MAY 17 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA RECEIVED JUN 13 1985 OIL CON. DIV. DIST. 3			

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

5-15-85

EDGAR L. RISENHOVER
NEW MEXICO
I hereby certify that the well location shown on this plat was determined from field notes of October 1970 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

May 14, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhover
Certificate No. 5979

DUGAN PRODUCTION CORP. - Phantom Ranch #1
Existing Roads === Exhibit E

Distance from nearest town or reference pt.
3 miles east of Nageezi

Type of surface dirt

Conditions good

Other

DUGAN PRODUCTION CORP. - Phantom Ranch #1
Planned Access Road(s) — Exhibit E

Width 20' Maximum grades 2%

Drainage design None Required

Cuts & Fills None

Surfacing material None

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

None

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

