

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

690' FSL - 690' FWL

At proposed prod. zone

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

2 miles west of Kirtland PO

15. DISTANCE FROM PROPOSED*

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

690'

16. NO. OF ACRES IN LEASE

1676.88

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

4500'

19. PROPOSED DEPTH

4300'

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

5320' GL

23.

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL SECURITY AND CEMENTING PROGRAM"

This action is subject to administrative

22. APPROX. DATE WORK WILL START*

ASAP

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CASING
12-1/4"	8-5/8"	24	200'	125 sx
7-7/8"	4-1/2"	10.5	4300'	475 sx

Plan to drill with mud to test the Gallup formation. Surface casing will be set at 200' and cemented to surface. Plan to run IES and CDL logs to TD. If productive, will set 4 1/2" casing, cement in 2 stages, selectively perforate, frac, clean out after frac, run 1 1/2" tubing and complete well.

Plan to use BOP furnished by rig while drilling (10" 3000 psi hydraulic).

Plan to use BOP rental while completing (6" 3000 psi double gate manual).

NMERB: 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

Jerome P. McHugh Jr.

TITLE

Landman

DATE 7-13-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

APPROVED

DATE

Dean Elliott
DISTRICT ENGINEER

*See Instructions On Reverse Side

000000

30-045-25176

5. LEASE DESIGNATION AND SERIAL NO.

NM 10758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pittam Pond

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 1 T29N R15W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

5/80

20. ROTARY OR CABLE TOOLS

TD Rotary

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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 Pittam Pond		Well No. 4
Unit Letter M	Section 1	Township 29 North	Range 15 West	County San Juan
Actual Footage Location of Well:				
590 feet from the South line and		690 feet from the West line		
Ground Level Elev. 5320	Producing Formation Gallup	Pool Cha Cha Gallup	Dedicated Acreage: 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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? NA

☐ 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.

NM 10753
Dugan Production Corp.

690' —○— 690'

CERTIFICATION

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

Name Jerome P. McHugh Jr.

Position Landman

Company Dugan Production Corp.

Date July 13, 1981

I hereby certify that the location shown on this map was plotted from field notes of actual measurements made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

Date Surveyed June 15, 1981

Registered Professional Engineer and/or Land Surveyor

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