

Form 9-331 C  
(May 1963)

SUBMIT IN TRIPLICATE\*

(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-B1425.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

790' FNL - 790' FWL

At proposed prod. zone

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

15 miles NW of Nageezi, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

790'

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

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

4000' SE

## 16. NO. OF ACRES IN LEASE

640

## 19. PROPOSED DEPTH

1810'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6574' GL

## 22. APPROX. DATE WORK WILL START\*

ASAP, 11-1-81 exp. date

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT      |
|--------------|----------------|-----------------|---------------|-------------------------|
| 7-7/8"       | 5 1/2"         | 14#             | 90'           | 30 sx, circ. to surface |
| 4-3/4"       | 2-7/8"         | 6.5#            | 1800'         | 160 sx, circ to surface |

Plan to drill w/ as little mud as possible, using the slim hole technique to test the P.C. and upper Chacra formations.

If productive, plan to set 2-7/8" csg. thru formation, selectively perforate, frac, clean out after frac and run 1 1/4" tbg.

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

9-16-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

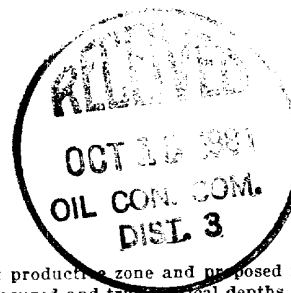
TITLE

Acting Dist. Super

DATE

OCT 81

CONDITIONS OF APPROVAL, IF ANY:



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

|  |               |                           |                  |                    |               |
|--|---------------|---------------------------|------------------|--------------------|---------------|
| Operator<br>Dugan Production Corporation |               | Lease<br>Oscar the Grouch |                  |                    | Well No.<br>1 |
| Init Letter<br>D                         | Section<br>14 | Township<br>24 North      | Range<br>11 West | County<br>San Juan |               |

Actual Footage Location of Well:

|                            |                               |       |                             |     |                           |      |      |
|----------------------------|-------------------------------|-------|-----------------------------|-----|---------------------------|------|------|
| 790                        | feet from the                 | North | line and                    | 790 | feet from the             | West | line |
| Ground Level Elev.<br>6574 | Producing Formation<br>Chacra |       | Pool<br>Undesignated Chacra |     | Dedicated Acreage:<br>160 |      | Acre |

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.

790'

790'

NM 14443 - 100% Dugan Sec. 14

RECEIVED  
SEP 17 1981  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

RECEIVED  
OCT 13 1981  
OIL CON. COM.  
DIST. 3

CERTIFICATION

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

*Jerome P. McHugh Jr.*  
Name  
Jerome P. McHugh Jr.

Position  
Landman

Company  
Dugan Production Corp.

Date  
9-16-81

I hereby certify that the location shown on this plat was located 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.

EDGAR L. RISENHOVER  
NEW MEXICO  
5979  
REGISTERED LAND SURVEYOR

Date Surveyed  
September 9, 1981

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*

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

