

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21531

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  
Box 234, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 790' FSL — 790' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
2.8 miles past Blanco Trading Post

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 150'

19. PROPOSED DEPTH 1800'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6708' GR

22. APPROX. DATE WORK WILL START\* 9-1-74

5. LEASE DESIGNATION AND SERIAL NO.  
NM 10089

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Mary-Anne

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
Wildcat *YC*

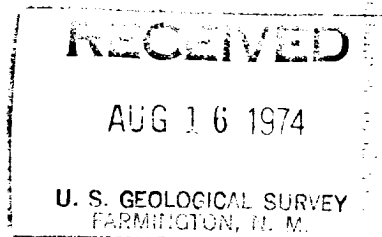
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9, T24N, R9W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

| 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#             | 60'           | 30 SX              |  |
| 4-3/4"                                | 2-7/8"         | 6.4#            | 1800'         | 150 SX             |  |

Propose to drill well with mud to test Pictured Cliffs formation, set 2-7/8" casing thru formation, selectively perforate and frac, clean out, and test well.



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 Original signed by T. A. Dugan TITLE Petroleum Engineer DATE 8-15-74  
Thomas A. Dugan  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY *[Signature]* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

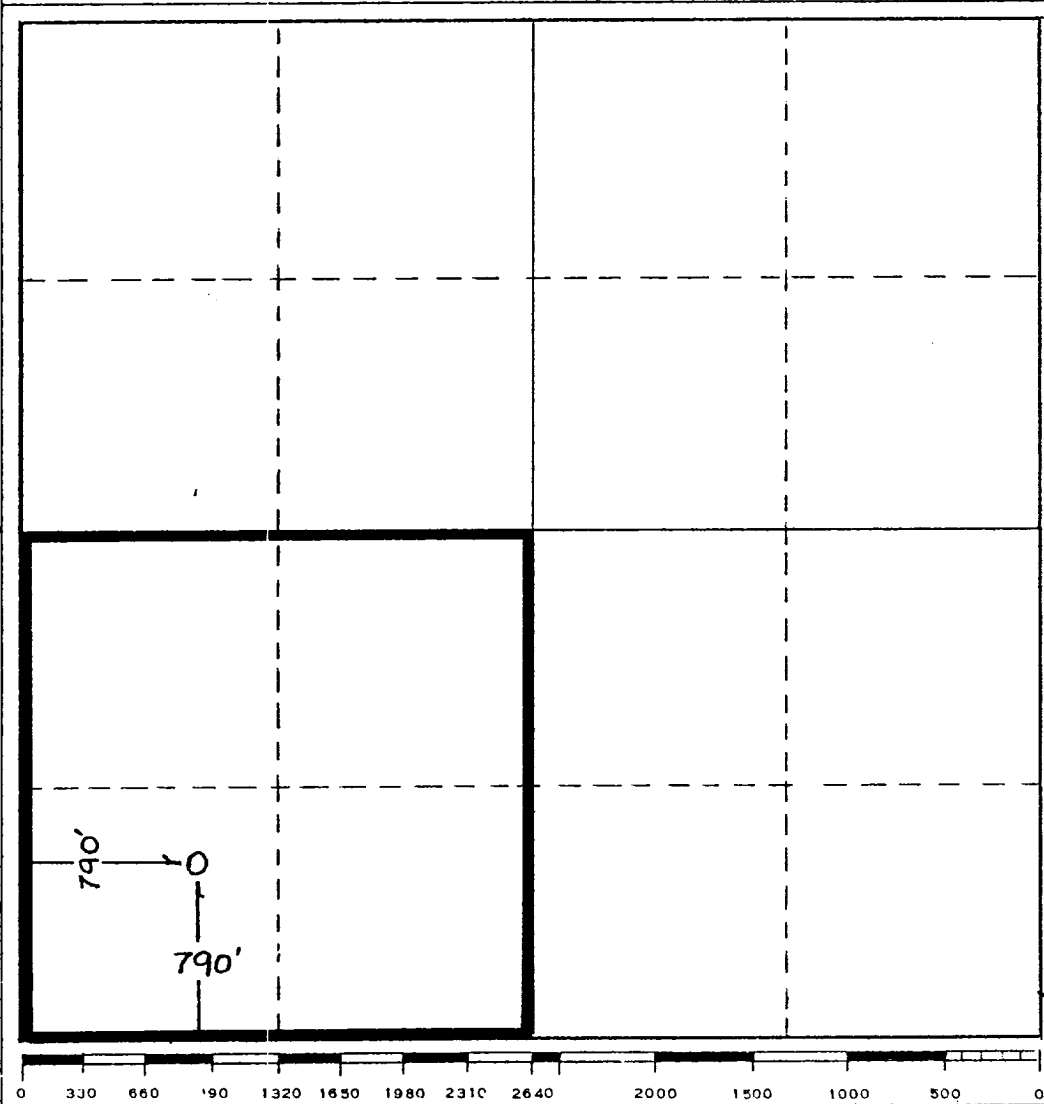
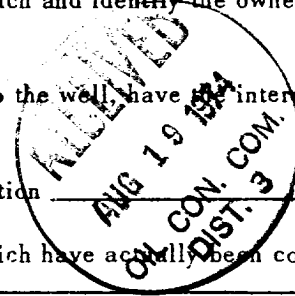
|  |   |                        |                           |                           |  |  |  |  |
|--|---|------------------------|---------------------------|---------------------------|--|--|--|--|
| Operator<br><b>Dugan Production Corp.</b>  |   |                        | Lease<br><b>Mary-Anne</b> |                           |  | Well No.<br><b>2</b>                   |  |  |
| Unit Letter<br><b>M</b>  | Section<br><b>9</b>                             | Township<br><b>24N</b> | Range<br><b>9W</b>        | County<br><b>San Juan</b> |  |  |  |  |
| Actual Footage Location of Well:<br><div style="display: flex; justify-content: space-between;"> <span>790 feet from the <b>South</b> line and</span> <span>790 feet from the <b>West</b> line</span> </div> |   |                        |                           |                           |  |  |  |  |
| Ground Level Elev:<br><b>6708'</b>   | Producing Formation<br><b>Pictured Cliffs</b> ✓ |                        |                           | Pool<br><b>Wildcat</b> ✓  |  | Dedicated Acreage:<br><b>160</b> Acres |  |  |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 all 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 Commission.



**CERTIFICATION**

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

Original signed by **T. A. Dugan**

|          |                               |
|----------|-------------------------------|
| Name     | <b>Thomas A. Dugan</b>        |
| Position | <b>Petroleum Engineer</b>     |
| Company  | <b>Dugan Production Corp.</b> |
| Date     | <b>8-15-74</b>                |

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys 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   | <b>8-15-74</b>                                   |
| Registered Professional Engineer and/or Land Surveyor | <i>Thomas A. Dugan</i><br><b>Thomas A. Dugan</b> |
| Certificate No.                                       | <b>2373</b>                                      |