

Form 9-331 C  
(May 1963)

1 - McHugh 1 So. Union Ex.

SUBMIT IN TRIPLICATE\*

Form approved.  
Budget Bureau No. 42-R1425.(Other instructions on  
reverse side)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-043-20597  
5. LEASE DESIGNATION AND SERIAL NO.

NM 28747

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ballymaloe

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Undesignated Chacra

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

Sec 25 T23N R7W

12. COUNTY OR PARISH 13. STATE

Sandoval

NM

## 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

890' FSL - 800' FWL

At proposed prod. zone

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

3 miles south of Lybrook, NM

15. DISTANCE FROM PROPOSED\*

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

800'

16. NO. OF ACRES IN LEASE

480

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.

1 mile

19. PROPOSED DEPTH

2910'

20. ROTARY OR CABLE TOOLS

Rotary

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

7210' GL

22. APPROX. DATE WORK WILL START\*

ASAP - Exp. date 11-1-81

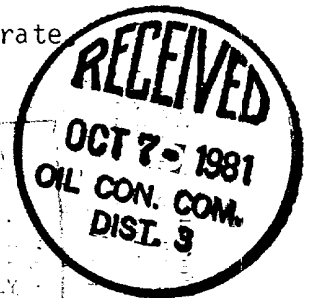
23.

## 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'          | 160 sx circ. to surface |
| 6-1/4"       | 4-1/2"         | 10.5#           | 2910'         | 280 cu.ft. slurry       |

Plan to drill with as little spud mud as possible to approx. 200' and then set surface casing and circ. to surface. Then will drill to approx. 2910' to test the Chacra formation to see if there are any productive zones. If so, plan to run 4½" casing, cement, covering top of Ojo Alamo, perforate frac, clean up after frac and complete well with 1½" tubing.

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.

Landman

DATE

9-22-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

OCT 6 1981

APPROVED BY

[Signature]

TITLE

Anthony D. G. S.

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCG

## 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.

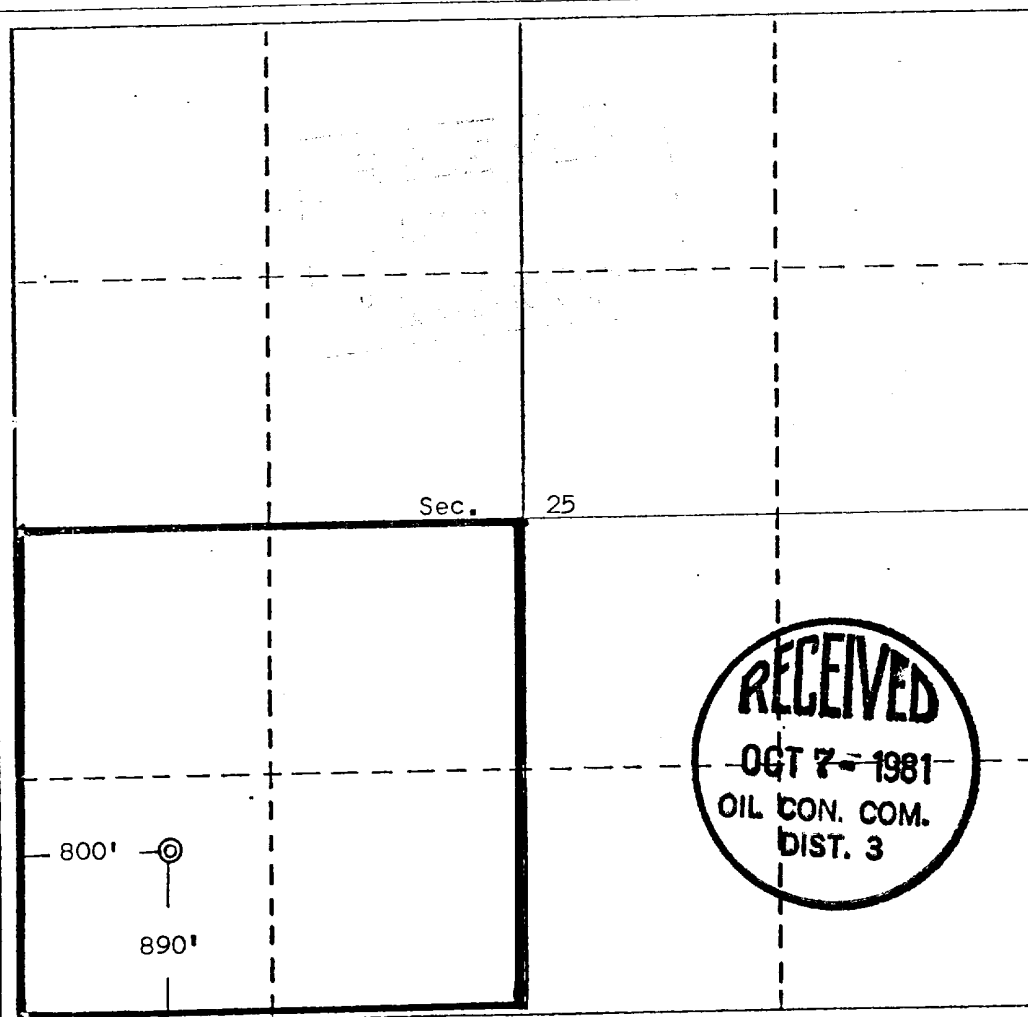
|  |                               |                             |                     |                                 |                |
|--|-------------------------------|-----------------------------|---------------------|---------------------------------|----------------|
| Operator<br>Dugan Production Corporation   |                               |                             | Lease<br>Ballymaloe |                                 | Well No.<br>#1 |
| Unit Letter<br>M   | Section<br>25                 | Township<br>23 North        | Range<br>7 West     | County<br>Sandoval              |                |
| Actual Footage Location of Well:<br>890 feet from the South line and 800 feet from the West line |                               |                             |                     |                                 |                |
| Ground Level Elev.<br>7210   | Producing Formation<br>Chacra | Pool<br>Undesignated Chacra |                     | Dedicated Acreage:<br>160 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 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.



## 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  
9-22-81

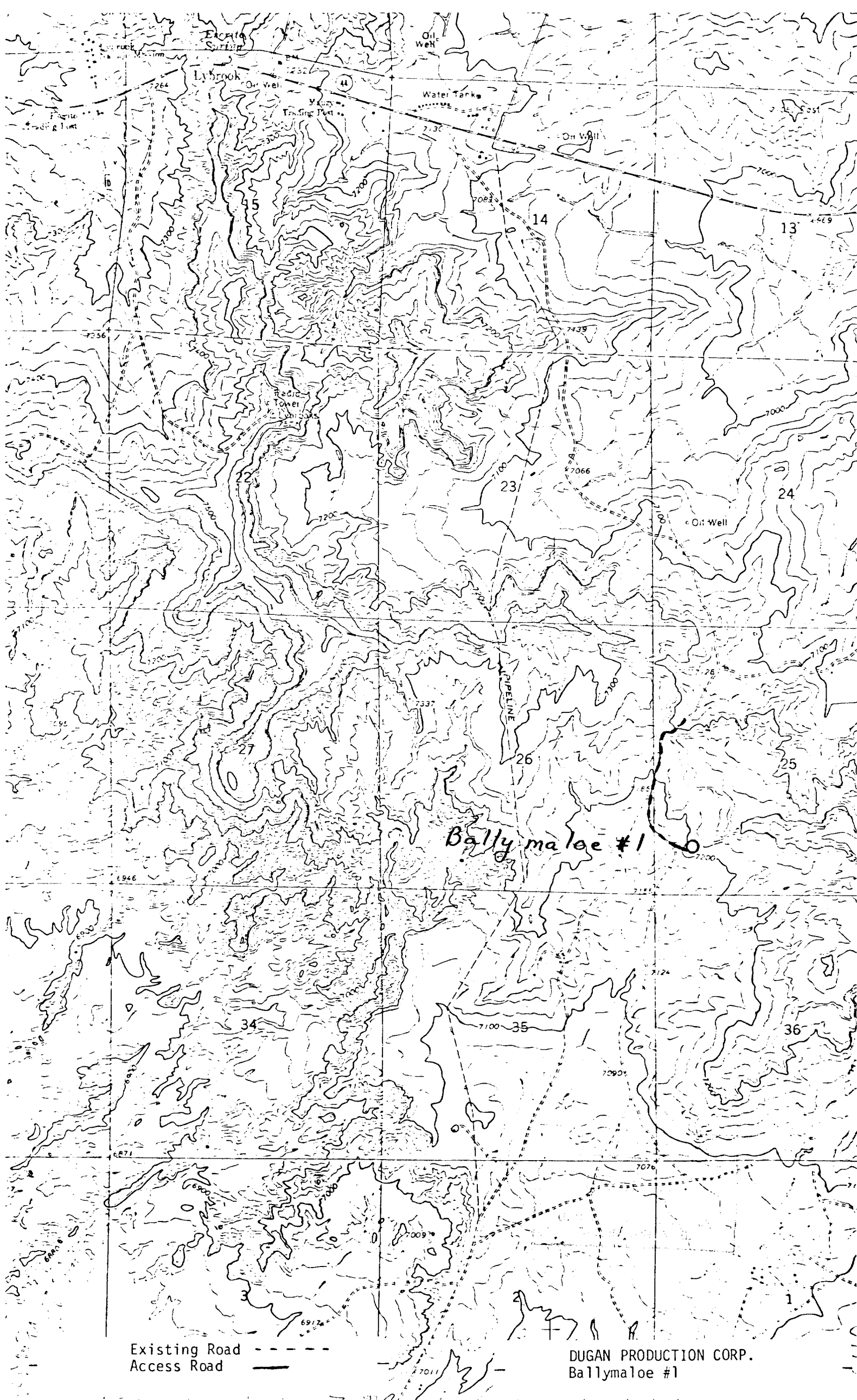
EDGAR L. RISENHOOVER  
NEW MEXICO  
5979  
I certify that the location shown on the plat was plotted from field notes or other records made by me or under my supervision, and that the same is correct to the best of my knowledge and belief.

Date Surveyed  
August 24, 1981

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

Edgar L. Risenhoover, L.S.



Existing Road - - - - -  
Access Road ———

DUGAN PRODUCTION CORP.  
Ballymaloe #1