

## STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

|   |                              |
|---|------------------------------|
| 5A. Indicate Type of Lease                |                              |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>LG-9804   |                              |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|   |  |  |  |
|---|--|--|--|
| Type of Work  |  | 7. Unit Agreement Name                                       |  |
| Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>   |  | 8. Farm or Lease Name<br>Oktoberfest                         |  |
| Name of Operator<br>DUGAN PRODUCTION CORP.  |  | 9. Well No.<br>1   |  |
| Address of Operator<br>P O Box 208, Farmington, NM 87499  |  | 10. Field and Pool, or Wildcat<br>Undes. Gallup W.C.         |  |
| Location of Well<br>UNIT LETTER <u>A</u> LOCATED <u>900</u> FEET FROM THE <u>North</u> LINE<br><u>750</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>24</u> RGE. <u>10</u> NMPM |  | 12. County<br>San Juan                                       |  |
| 19. Proposed Depth<br>5000'   |  | 19A. Formation<br>Gallup                                     |  |
| 20. Rotary or C.T.<br>Rotary  |  | 22. Approx. Date Work will start<br>pending rig availability |  |
| Elevations (Show whether DF, RT, etc.)<br>6985' GL  |  | 21A. Kind & Status Plug. Bond<br>State-wide                  |  |
| 21B. Drilling Contractor<br>4 Corners Drilling  |  |  |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12-1/4"      | 8-5/8"         | 24#             | 200'          | 150 cf          | surface  |
| 7-7/8"       | 4-1/2"         | 10.5#           | 5000'         | 1680 cf         | surface  |

Plan to drill a 12-1/4" hole and 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 IES and CDL logs. If deemed productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

BOP will be used during drilling and completing well.

APPROVAL EXPIRES 2-7-85  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
AUG 06 1985  
OIL CON. DIV.  
DIST. 3

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

by Sherman E. Dugan Title Geologist Date 8-5-85  
(This space for State Use)  
APPROVED BY Eric Krach TITLE Geologist DATE AUG 07 1985  
CONDITIONS OF APPROVAL, IF ANY:

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

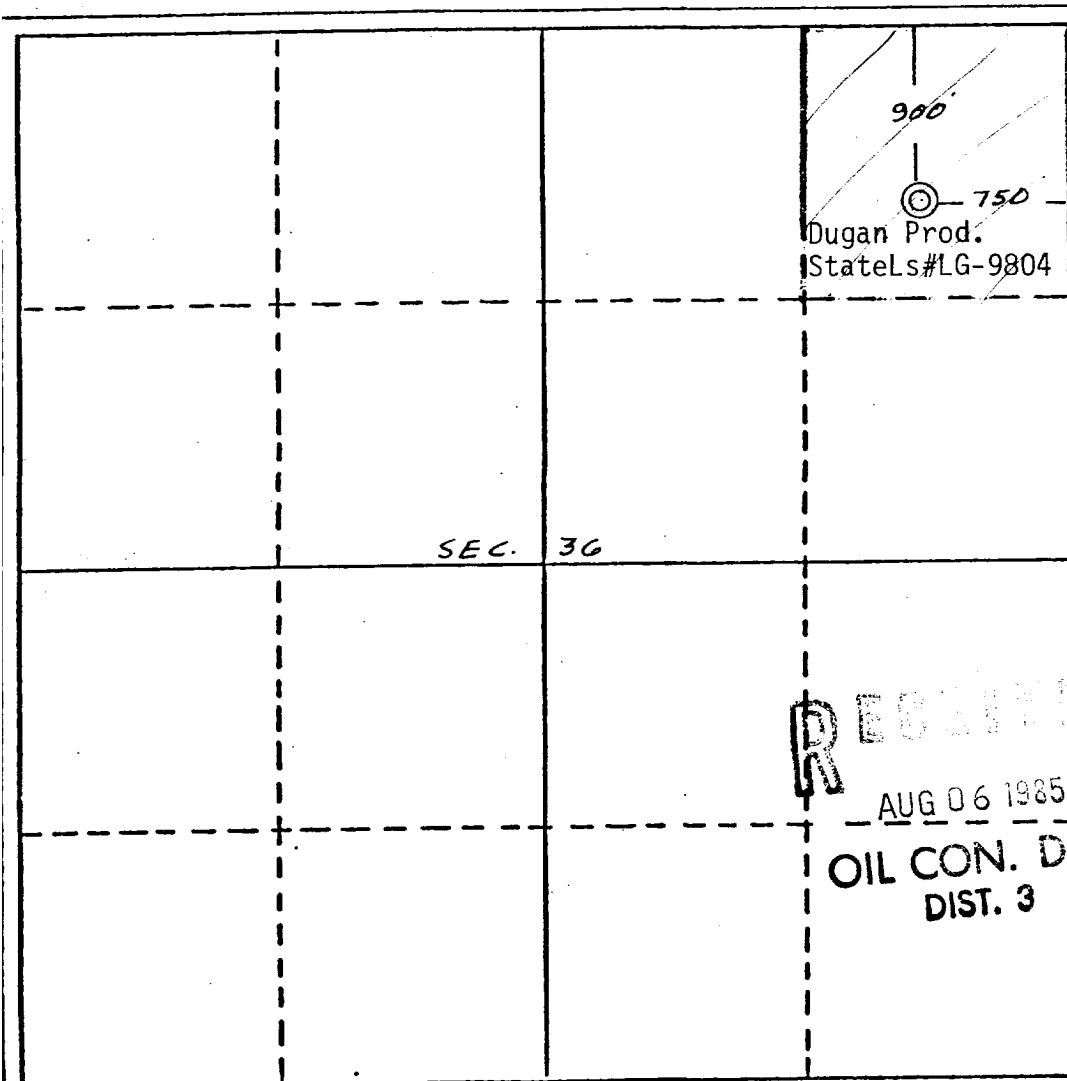
|  |                               |                      |                             |                                |               |
|--|-------------------------------|----------------------|-----------------------------|--------------------------------|---------------|
| Operator<br>Dugan Production Corporation   |                               |                      | Lease<br>Oktoberfest        |                                | Well No.<br>1 |
| Unit Letter<br>A   | Section<br>36                 | Township<br>24 North | Range<br>10 West            | County<br>San Juan             |               |
| Actual Footage Location of Well:<br>900 feet from the North line and 750 feet from the East line |                               |                      |                             |                                |               |
| Ground Level Elev.<br>6985   | Producing Formation<br>Gallup |                      | Pool<br>Undesignated Gallup | Dedicated Acreage:<br>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.



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 8-5-85

*Edgar L. Risenhoover*  
I have surveyed the location shown on this plat was placed on 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.

Date Surveyed July 29, 1985

Registered Professional Engineer and/or Land Surveyor

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