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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23940

Form C-101
Revised 1-65

| | |
|--|----------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| LG 3736 | |
| 7. Unit Agreement Name | |
| 8. Farm or Lease Name | |
| Com | |
| 9. Well No. | |
| 1E | |
| 10. Field and Pool, or Wildcat | |
| Basin Dakota | |
| 12. County | |
| San Juan | |
| 19. Proposed Depth | 19A. Formation |
| 6050' | Basin Dakota |
| 20. Rotary or C.T. | |
| Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond |
| 5534' GR | statewide |
| 21B. Drilling Contractor | 22. Approx. Date Work will start |
| Four Corners | Nov. 10, 1979 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|--|--|
| 1a. Type of Work | |
| DRILL <input checked="" type="checkbox"/> | DEEPEN <input type="checkbox"/> |
| b. Type of Well | |
| OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> |
| OTHER <input type="checkbox"/> | |
| 2. Name of Operator | |
| Dugan Production Corp. | |
| 3. Address of Operator | |
| Box 208, Farmington, NM 87401 | |
| 4. Location of Well | |
| UNIT LETTER A | LOCATED 810 FEET FROM THE North LINE |
| AND 940 FEET FROM THE East | LINE OF SEC. 2 TWP. 29N RGE. 14W NMPM |
| 19. Proposed Depth | |
| 6050' | |
| 19A. Formation | |
| Basin Dakota | |
| 20. Rotary or C.T. | |
| Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond |
| 5534' GR | statewide |
| 21B. Drilling Contractor | 22. Approx. Date Work will start |
| Four Corners | Nov. 10, 1979 |

23.

PROPOSED CASING AND CEMENT PROGRAM

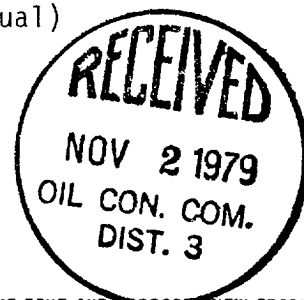
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|--------------|
| 12-1/4" | 8-5/8" | 24# | 225' | 150 sx | Kirtland |
| 7-7/8" | 4-1/2" | 10.5# | 6050' | 825 sx | Basin Dakota |

Plan to drill 7-7/8" hole w/mud to test Dakota Formation. Plan to run IES and CDL logs to TD. If productive plan to set 4-1/2" csg, selectively perforate, frac clean out after frac, run 1-1/2" tbg 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 dedicated to El Paso.



1-31-80

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. 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.

Signed Thomas A. Dugan Title Petroleum Engineer Date 11-1-79
(This space for State Use)

APPROVED BY Frank E. Chung TITLE DEPUTY OIL & GAS COMMISSIONER DATE NOV 2 1979

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.

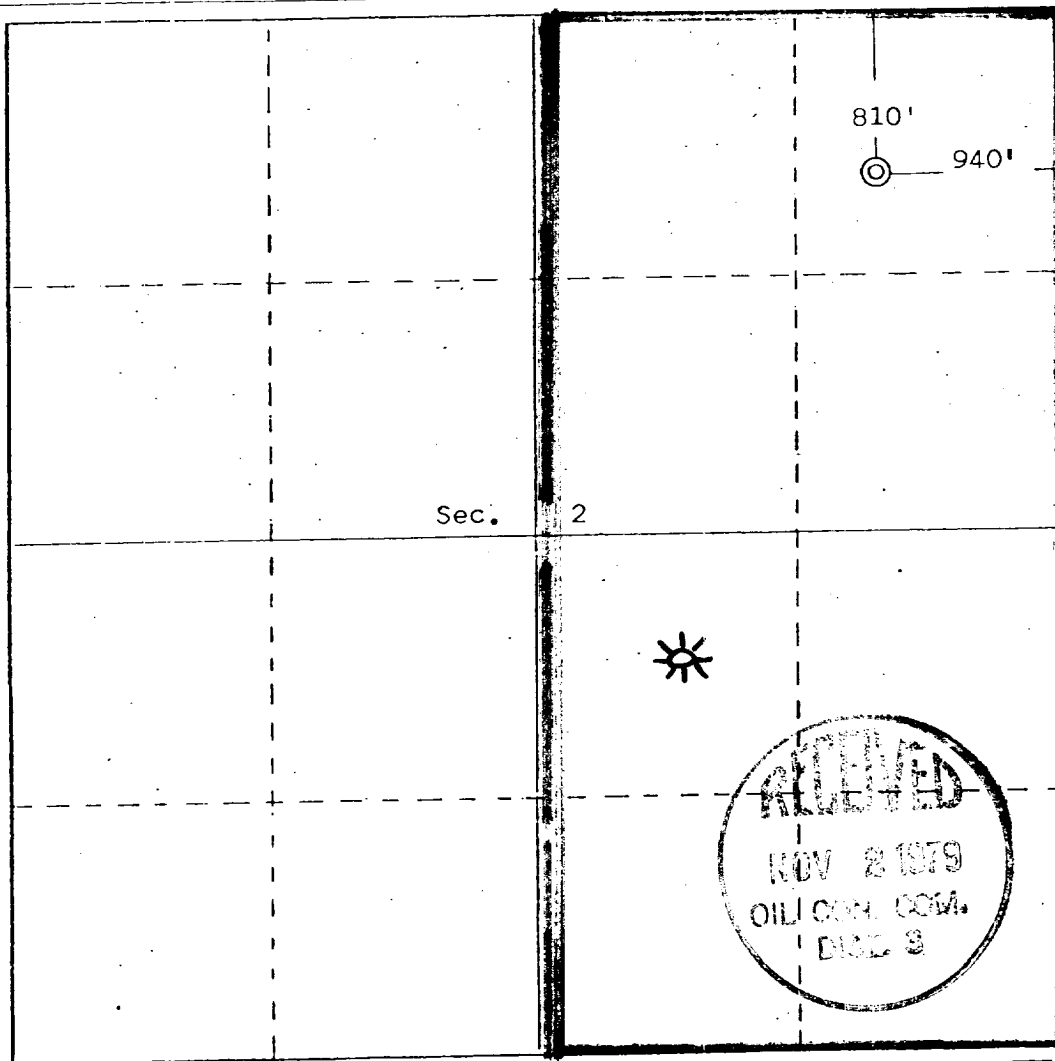
| | | | | | |
|---|--------------------------------------|-----------------------------|-------------------------|---------------------------|---|
| Operator Dugan Production Corporation | | | Lease | | Well No. Com 1 E |
| Unit Letter A | Section 2 | Township 29 North | Range 14 West | County San Juan | |
| Actual Footage Location of Well: | | | | | |
| 810 | feet from the | North | line and | 940 | feet from the East line |
| Ground Level Elev. 5534 | Producing Formation Dakota | | Pool Basin | | Dedicated Acreage: 316.65 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 Commission.



CERTIFICATION

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

Thomas A. Dugan

Name
Thomas A. Dugan

Position
Petroleum Engineer

Company
Dugan Production Corp.

Date
11-1-79

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

Date Surveyed
October 30, 1979

Registered Professional Engineer and/or Land Surveyor

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