

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-045-26997

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"/>	FEED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-5685	

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

1. Type of Work		7. Unit Agreement Name	
1. Type of Well		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		March On	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No.	
Name of Operator		1	
DUGAN PRODUCTION CORP.		10. Field and Pool, or Wildcat	
Address of Operator		BISTE LOWER - GALLUP	
P.O. Box 5820, Farmington, NM 87499-5820		11. Field and Pool, or Wildcat	
Location of Well		12. County	
UNIT LETTER F LOCATED 1720 FEET FROM THE North LINE		San Juan	
10 1910 FEET FROM THE West LINE OF SEC. 32 TWP. 24N RGE. 9W NMPM			
19. Proposed Depth		19A. Formation	
5080'		Gallup	
20. Rotary or C.T.		rotary	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
State Wide Bond		Four Corners Drilling	
22. Approx. Date Work will start		ASAP	

## 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'	206 cu.ft.	surface
7-7/8"	4-1/2"	10.5#	5080'	1642 cu.ft.	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 the Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

APPROVAL EXPIRES 2-6-89  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
AUG 05 1988  
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.

Signed Thomas A. Dugan Title President Date 8-5-88

(This space for State Use)

PROVED BY Emile Busch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 05 1988

CONDITIONS OF APPROVAL, IF ANY: Held C-104 for  
Approval of Q. Stanford  
A.E.D.

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

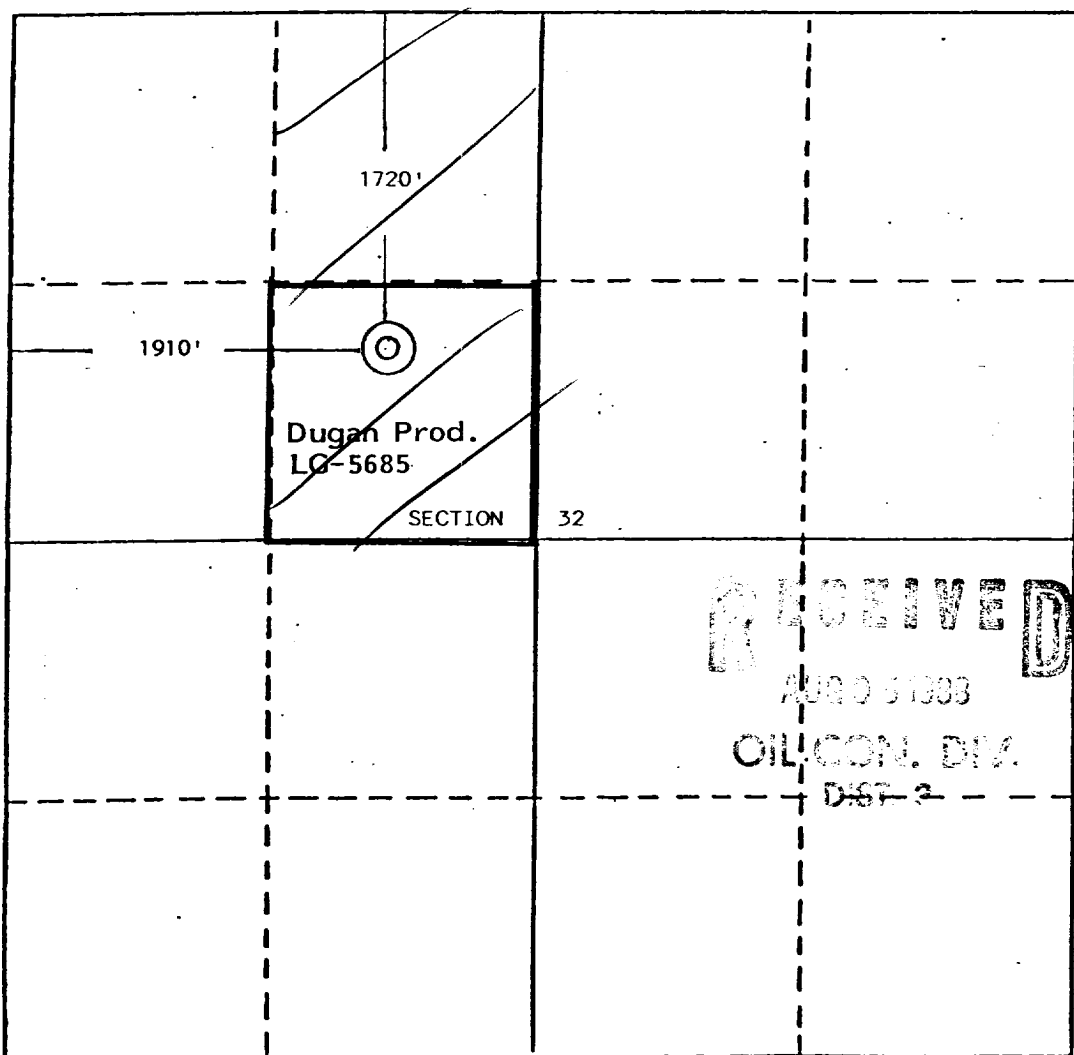
Operator Dugan Production Corporation			Lease March On		Well No. 1
Unit Letter F	Section 32	Township 24 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1720 feet from the North line and 1910 feet from the West line					
Ground Level Elev. 6802	Producing Formation Gallup	Pool BISTI LOWER EXT Wildcat		Dedicated Acreage: 40.80 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.

Signature: Thomas A. Dugan  
Name: Thomas A. Dugan

Position: President  
Company: Dugan Production Corp.

Date: 8-5-88

I have examined the well location shown on this plat and believe it to be correct to the best of my knowledge and belief.

Date Surveyed: July 29, 1988

Registered Professional Engineer and/or Land Surveyor

Signature: Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.