

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil &amp; Gas Lease No.

## 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 87499

4. Location of Well

UNIT LETTER J

LOCATED 1650

FEET FROM THE South

LINE

AND 2200

FEET FROM THE East

LINE OF SEC. 28

TWP. 26N

RGE. 2W

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Bridge Com

9. Well No.

1

10. Field and Pool, or Wildcat

Gavilan Mancos

12. County

Rio Arriba

21. Elevations (Show whether DF, RT, etc.)

7432' GL

21A. Kind &amp; Status Plug. Bond

State-wide Bond

19. Proposed Depth

8070'

19A. Formation

Mancos

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

4 Corners Drilling

22. Approx. Date Work will start

ASAP

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"	9-5/8"	36#	200'	150 cf	surface
7-7/8"	5-1/2"	15.5 & 17#	8070'	2362 cf	surface

Plan to drill a 12-1/4" hole and set 200' of 9-5/8" OD, 36#, J-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test the Mancos formation. Plan to run IES and CDL logs. If deemed productive, will run 5 1/2", 15.5 & 17#, J-55 production casing, selectively perforate, frac, clean out after frac and complete well.

BOP will be used during drilling and completion.

APPROVAL EXPIRES 4-15-88  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
OCT 13 1987  
OIL CON. DIV.  
DIST. 3

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 Sherman E. Dugan Title Geologist

Date 10-8-87

(This space for State Use)

APPROVED BY Emile Burch TITLE

DEPUTY OIL &amp; GAS INSPECTOR, DIST. #3

DATE

CONDITIONS OF APPROVAL, IF ANY:

1400 0-109 for Package Consolidation

## 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 Dugan Production Corporation			Lease Bridge Com.		Well No. 1
Unit Letter J	Section 28	Township 26 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1650 feet from the South line and 2200 feet from the East line					
Ground Level Elev. 7432	Producing Formation Mancos	Pool Gavilan Mancos	Dedicated Acreage: 640.0 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 Will be communitized or force pooled

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) Application for Forced Pooling Hearing has been submitted.

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.

<p>TRACT NO. 4 FEE LEASE 160.0 A</p> <p>Mountain States Natural Gas Corp = 97.9722%</p> <p>Kindermac Partners = 0.316406%</p> <p>Huntington T. Walker = 0.4614%</p> <p>R. Bayless = 1.250000%</p> <p>SECTION 28</p>	<p>TRACT NO. 1 FEE LEASE 160.0 A</p> <p>Dugan Production Corp.</p> <p>100%</p> <p><b>RECEIVED</b> OCT 19 1987 OIL CON. DIV</p>
<p>TRACT NO. 3 NM-01806 160.0 A</p> <p>Dugan Production Corp = 25%</p> <p>Mesa Grande Resources = 75%</p>	<p>TRACT NO. 2 FEE LEASE 160.0 A</p> <p>2200'</p> <p>1650'</p> <p>Dugan Production 37.5%</p> <p>Sun Exploration 62.5%</p>

## 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

10-8-87

EDGAR L. RISENHOVER  
NEW MEXICO  
5979  
I hereby certify that the location of the well shown on the plat was determined from field notes of October 1987 made by me or under my supervision and that the same is true and correct to the best of my knowledge.

Date Surveyed

September 18, 1987

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*

Certificate No. 5979

Edgar L. Risenhoover, L.S.