

31-445-26514

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

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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.
V-1509

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Mary Lou	
2. Name of Operator DUGAN PRODUCTION CORP.		9. Well No. 6	
3. Address of Operator P.O. Box 208, Farmington, NM 87499		10. Field and Pool, or Wildcat South Bisti Gallup EXT	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 32 TWP. 24N RGE. 10W NMPM		12. County San Juan	
19. Proposed Depth 4755'		19A. Formation Gallup	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6584' GL; 6596' RKB	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor 4 Corners Drilling	
22. Approx. Date Work will start rig availability			

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#	4755'	1504 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 determined 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 & completing well.

APPROVAL EXPIRES 3-30-88
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

SEP 29 1987

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 PRODU-
C 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.

Signature: Norman E. Dugan Title: Geologist Date: 9-29-87

(This space for State Use)

PROVED BY: Ernie Busch TITLE: DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE: 12-30-87

CONDITIONS OF APPROVAL, IF ANY:

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


Operator Dugan Production Corporation		Lease Mary Lou		Well No. 6	
Unit Letter M	Section 32	Township 24 North	Range 10 West	County San Juan	
Actual Postage Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 6584	Producing Formation Gallup		Pool South Bisti Gallup <i>E.T.</i>		Dedicated Acreage: 80 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.

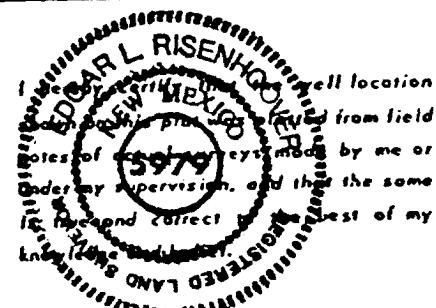
SECTION 32	
Dugan Prod. V-1509	
660'  660'	

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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
9-29-87



Date Surveyed
September 15, 1987
Registered Professional Engineer
and/or Land Surveyor
Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover, L.S.