

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLE COPY
TO: DIRECTOR, G.S.
WASHINGTON, D.C.

30-045-28241
NM-42059

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. NAME OF WELL OTHER		2. NAME OF OPERATOR DUGAN PRODUCTION CORP.		3. FIELD OR LEASE NAME Champ	
4. LOCATION OF WELL (Nearest location clearly shown in geologic map will not suffice. Indicate by township and range.) 1830' FSL & 1830' FWL		5. LOCATION OF WELL (Nearest location clearly shown in geologic map will not suffice. Indicate by township and range.) 1764' SE of DPC Champ #2		6. COUNTY OR PARISH San Juan	
7. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE approx. 9 1/2 miles SW of Blanco Trading Post, NM		8. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1830'		9. NO. OF ACRES IN LEASE 2118.04	
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, INCLUDING COMING OR ATTACHED CABLE, ON THIS LEASE, FT. 1764' SE of DPC Champ #2		11. PROPOSED DEPTH 4655'		12. COUNTY OR PARISH NM	
13. ELEVATIONS (Show whether DE, RT, GR, etc.) 6552' GL		14. APPROX. DATE WORK WILL START ASAP		15. NO. OF ACRES ASSIGNED TO THIS WELL 80	
16. SIGNATURE OF APPLICANT Sherman E. Dugan		17. TITLE Vice-President		18. DATE 8-21-90	
19. PERMIT NO.		20. APPROVAL DATE		21. GENERAL REQUIREMENTS 159 c.f. circ. to surface 1465 c.f. circ. to 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 CDI logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing with stage tool, selectively perforate, frac, clean out after frac and complete well.

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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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: Sherman E. Dugan TITLE: Vice-President DATE: 8-21-90
(This space for Federal or State office use)

APPROVED BY: NMOOD TITLE: AS AREA MANAGER DATE: SEP 20 1990

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-100
Revised 1-1-85

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PROPERTY
NO. 1980, Tract, NM 82240

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NO. 1980, Tract, NM 82240

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NO. 1980, Tract, NM 82240

WELL LOCATION AND ACREAGE DEDICATION PLAT

All dimensions must be from the corner boundaries of the section.

Operator		Lease		District		Well No.	
Dugan Production Corporation							
Town	Section	Township	Range	County	San Juan		
10	5	23 North	10 West	NM			
Actual Footage Location of Well:							
1980	feet from the	South	1980	feet from the	West	line	
Ground level Elev.	Producing Formation	Foot	Dedicated Acreage:		Acres		
6558	Gallup	South Bisti Gallup	80				

- Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners duly acknowledged by competent authority, including force-pooling, etc.
☐ Yes ☐ No If answer is "yes" type of acknowledgment _____
If answer is "no" the owners and their descriptions must have actually been acknowledged. (List reverse side of plat if necessary.)
No acknowledgment will be accepted for the well. No interests have been acknowledged (by competent authority, including force-pooling, etc.)
If more than one lease is dedicated to the well, each owner's interest must be acknowledged by the Division.

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(DIST. 3)

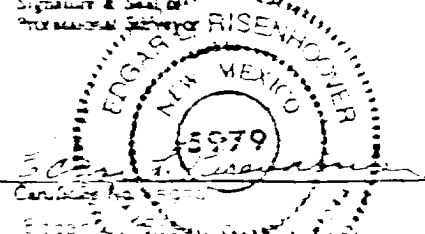
OPERATOR CERTIFICATION

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

Signature	
Printed Name	Sherman E. Dugan
Position	Vice-President
Company	Dugan Production Corp.
Date	8-21-90

SURVEYOR CERTIFICATION

I hereby certify that the well 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	July 6, 1990
Signature & Seal of Professional Surveyor	

Federal DPC - Lease	No. NM-42059
1980'	