

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. 14-20-0603-1405	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Dugan Production Corp.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 234, Farmington, NM 87401			8. FARM OR LEASE NAME Blanco Wash	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 790' FNL - 790' FEL ✓ At proposed prod. zone			9. WELL NO. #4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles north of Nageezi, NM			10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., & OR B.L. AND SURVEY OR AREA Section 2 T24N R9W	
16. NO. OF ACRES IN LEASE 160.04			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.04 ✓			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			14. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6558' GR			22. APPROX. DATE WORK WILL START* 3-1-0-78	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	140
7-7/8"	4-1/2"	10.5#	6350'	1500 cu ft in two stages

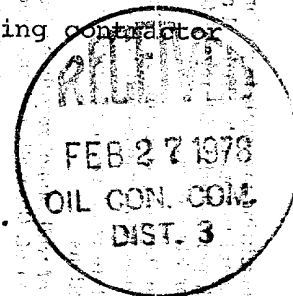
Plan to drill well with mud to test Gallup thru Dakota Fm.

If productive, plan to set csg thru Dakota Fm, selectively perforate, frac, cleanout after frac, and run tubing and complete well.

Plan to use 10" hydraulic double gate BOP furnished by drilling contractor while drilling.

Plan to use 6" manual double gate BOP while completing.

NMERB Requirement: Gas dedicated to Northwest Pipeline Corp.



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.

24. SIGNED Richard Tully TITLE Landman DATE 2-23-78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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 Blanco Wash		Well No. 4
Unit Letter A	Section 2	Township 24 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the East line					
Ground Level Elev. 6558	Producing Formation Gallup - Dakota		Pool Mancos - Greenhorn - Gallup	Dedicated Acreage: 160.04	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.

Richard Tully

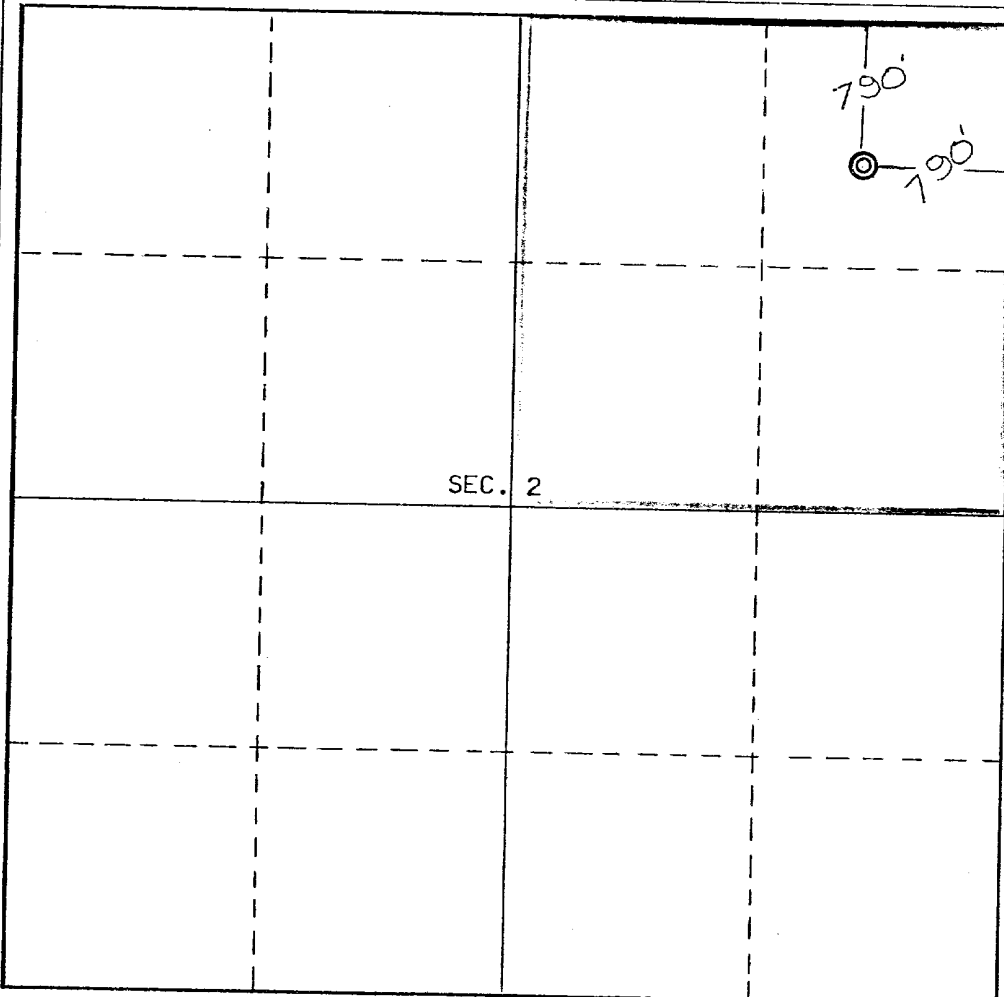
Name
Richard Tully
Position
Landman
Company
Dugan Production Corp.
Date
2-23-78

I hereby certify that the well location on this plat was located from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

REGISTERED LAND SURVEYOR
Reg. No. **3602**
NEW MEXICO
ERNEST V. ECHOHAWK

Date Surveyed
February 18, 1978
Registered Professional Engineer and/or Land Surveyor

E. V. Echohawk
Certificate No. **3602**
E. V. Echohawk LS



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(NAGEEZI 1:62 500)

