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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

API 30-039-21224

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-289-38
7. Unit Agreement Name San Juan 29-6 Unit
8. Farm or Lease Name San Juan 29-6 Unit
9. Well No. 38A
10. Field and Pool, or Wildcat Blanco Mesa Verde
12. County Rio Arriba
19. Proposed Depth 6049'
19A. Formation Mesa Verde
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6700' GR
21A. Kind & Status Plug. Bond
21B. Drilling Contractor
22. Approx. Date Work will start January 1, 1978

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"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator Northwest Pipeline Corporation
3. Address of Operator P.O. Box 90, Farmington, New Mexico 87401
4. Location of Well UNIT LETTER D LOCATED 925 FEET FROM THE North LINE AND 1180' FEET FROM THE West LINE OF SEC. 16 TWP. 29N RGE. 6W NMPM
19. Proposed Depth 6049'
19A. Formation Mesa Verde
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6700' GR
21A. Kind & Status Plug. Bond
21B. Drilling Contractor
22. Approx. Date Work will start January 1, 1978

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"	32.3	200'	125	circ.
8 3/4"	7"	20	3961'	150	2729'
6 1/4"	4 1/2" liner	10.5	3811' to 6049'	215	3811'

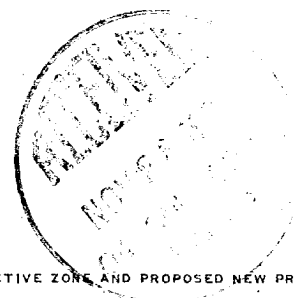
Selectively perforate and stimulate the Mesa Verde formation.

A BOP will be installed after the surface casing has been run and cemented. All subsequent work will be conducted through the BOP.

The W/2 of Section 16 is dedicated to this well.

APPROVED FOR 90 DAYS
DRILLING CONTRACT

EXPIRES 2-26-78



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 D. E. Richardson Title Production Engineer Date 11-18-77

(This space for State Use)

APPROVED BY AR Kendrick TITLE SUPERVISOR DIST. #3 DATE NOV 28 1977

CONDITIONS OF APPROVAL, IF ANY:

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 Northwest Pipeline Corporation		Lease San Juan 29-6 Unit		Well No. 38A
Unit Letter D	Section 16	Township 29N	Range 6W	County Rio Arriba

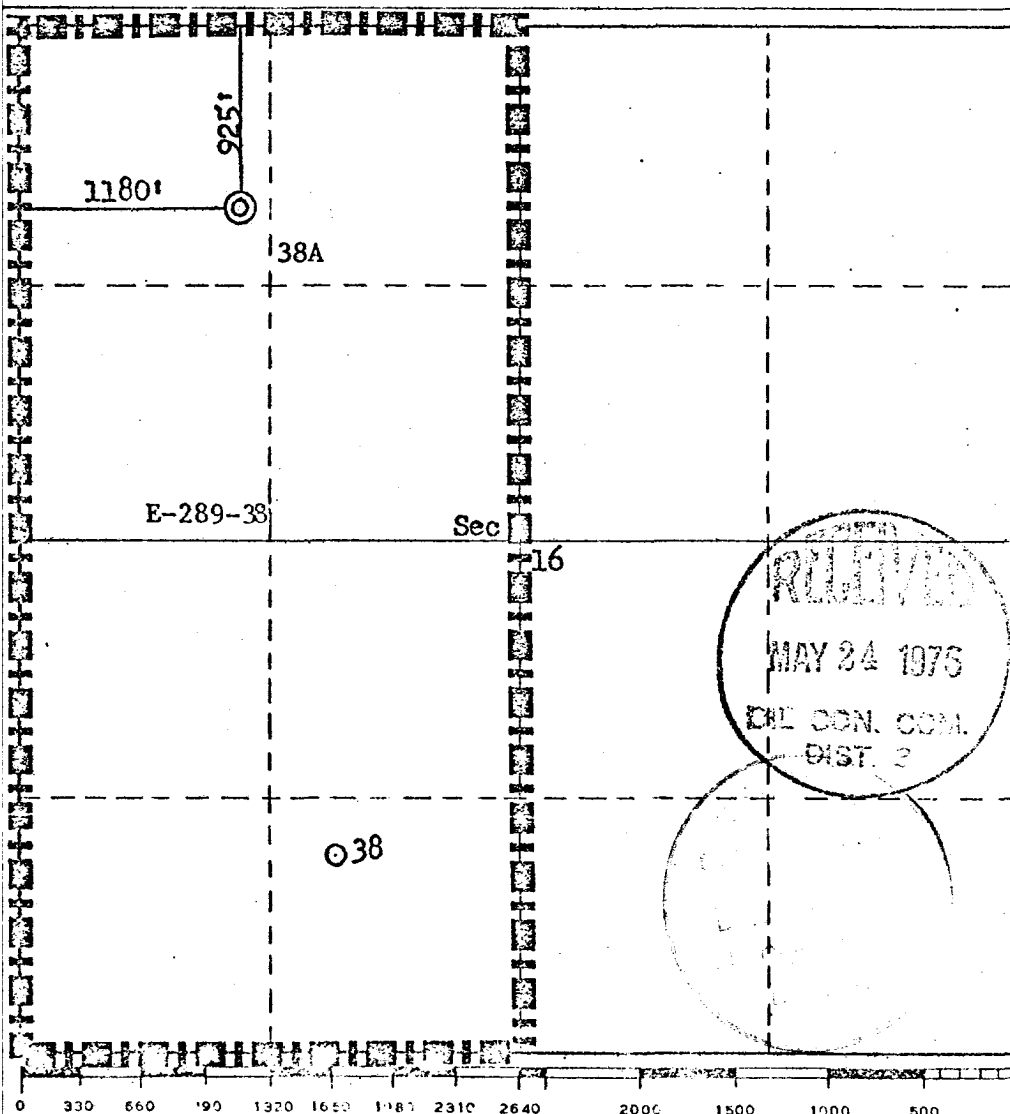
Actual Footing Location of Well:				
925'	feet from the North	line and	1180'	feet from the West
Ground Level Elev. 6700	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage 4/320	Acres

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.

D.H. Maroncelli

Name
D.H. Maroncelli

Position
Production Engineer

Company
Northwest Pipeline Corp.

Date
May 14, 1976

I hereby certify that the well location shown on this plat was plotted 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.

Date Surveyed
May 13, 1976

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr

Certificate No.

3950