

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21054

5. LEASE DESIGNATION AND SERIAL NO.

NM 03188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 29-5 Unit

8. FARM OR LEASE NAME

San Juan 29-5 Unit

9. WELL NO.

69

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 21, T29N, R5W NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

P.O. Box 90 Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

2250' FNL & 1790' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

18. PROPOSED DEPTH

8100

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6682' GR

22. APPROX. DATE WORK WILL START*

March 7, 1975

23.

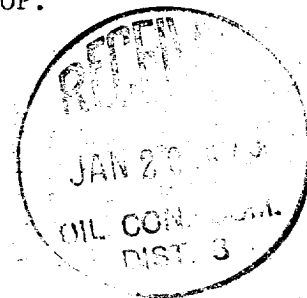
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	9-5/8	32.3	300	280 SX
8-3/4	7	20	4000	165 SX
6-1/4	4-1/2	10.5 & 11.6	8100	320 SX

Selectively perforate and stimulate the Dakota Formation.

A BOP will be installed after the surface casing is set and cemented. All subsequent work on the well will be conducted through the BOP.

The East half of section 21 is dedicated to this well.



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

O.B. Whitenburg

js

TITLE

Production & Drilling Eng.

DATE

1-16-75

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OK

TITLE

DATE

RECEIVED

JAN 17 1975

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
GARDEN, COLO.

**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.

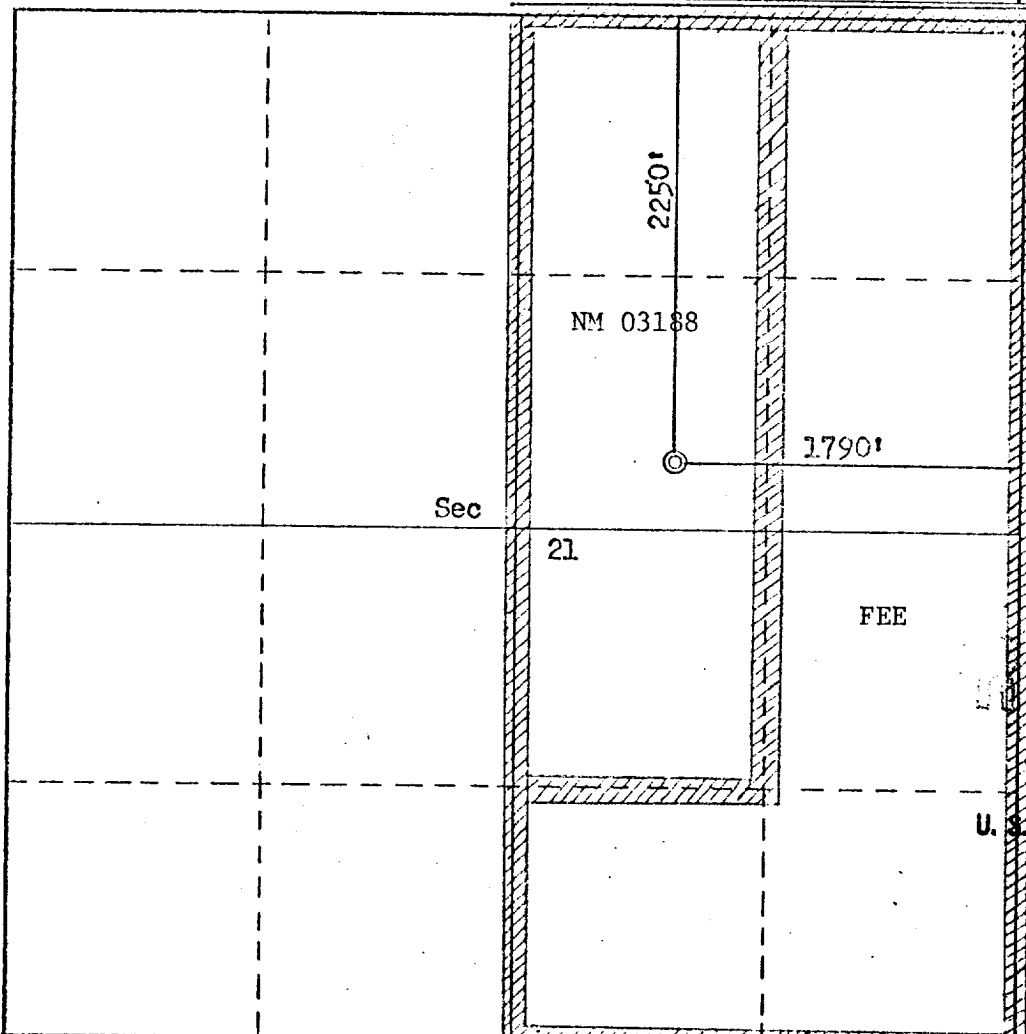
Operator Northwest Pipeline Corporation			Lease San Juan 29-5 Unit		Well No. 69
Unit Letter G	Section 21	Township 29N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 2250 feet from the North line and 1790 feet from the East line					
Ground Level Elev. 6682	Producing Formation Dakota		Pool Basin Dakota ✓		Dedicated Acreage: 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.) SW/4 NE/4 Section 21, T29N, R5W

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.

O.B. Whitenburg
Name

O.B. Whitenburg
Position
Production & Drilling Eng.

Company
Northwest Pipeline Corp.

Date
January 16, 1975

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

JAN 17 1975

U. S. GEOLOGICAL SURVEY

Date Surveyed

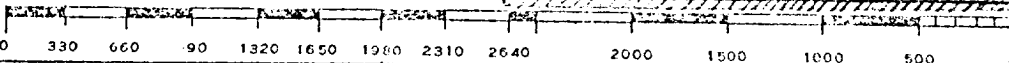
December 23, 1974

Registered Professional Engineer and/or Land Surveyor

Fred B. Keen
Fred B. Keen

Certificate No.

3950



Northwest Pipeline Corporation



PRODUCTION & DRILLING
P. O. BOX 90
FARMINGTON, NEW MEXICO 87401

January 14, 1975

United States Geological Survey
P.O. Box 1809
Durango, Colorado 81301

Re: Application for Permit To Drill
San Juan 29-5 Unit #69
SW/4 NE/4 Sec.21,T29N,R5W

Gentlemen:

Information regarding existing roads, pipelines, flowlines, etc., relative to the above well location are included on the enclosed attachments.

Water for drilling and completion operations will be obtained from the San Juan 29-6 Water Well #1 located in the NW/4 SW/4 Sec. 28,T29N,R6W.

Waste disposal will be burned in the burn pit, latrine or reserve pit. There will be no camp or airstrip associated with drilling this well.

Upon completion or abandonment of this well the location will be cleaned, leveled and a dry hole marker placed if applicable.

Northwest Pipeline Corporation

O.B. Whitenburg
O.B. Whitenburg

Production & Drilling Engineer

OBW/js
Enc:
5113-1-75

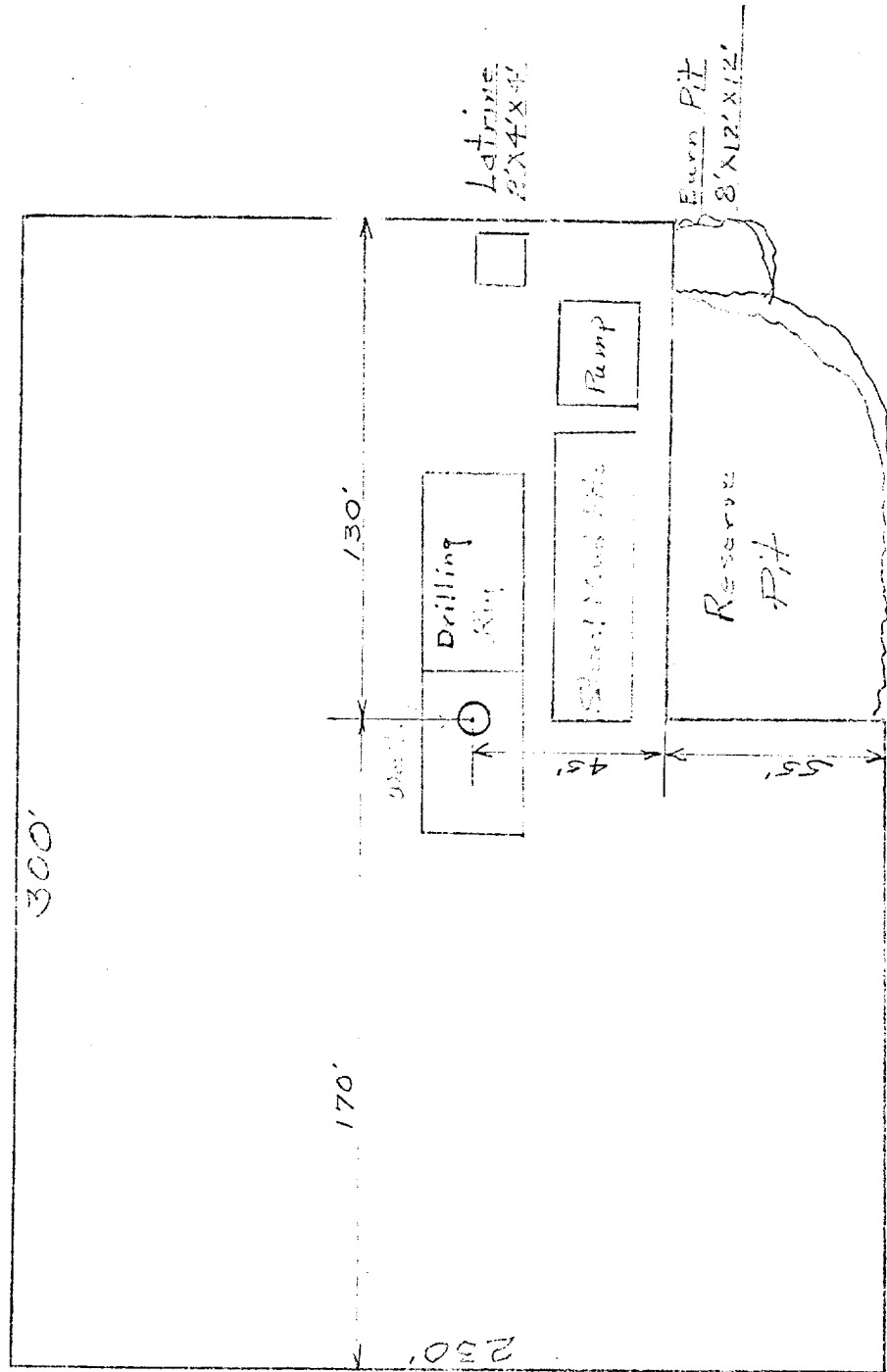
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U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOCATION AND EQUIPMENT LAYOUT

San Juan 29-5 #69



U. S. GEOLOGICAL SURVEY
PURANEO, COLO.

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U. S. GEOLOGICAL SURVEY
PURANEO, COLO.

F

Jan. 27, 1975

30-030-2107.

F. Loc. 2250/N; 1790/E

Elev. 6582 GL

Spd.

Comp.

TD

PB

Casing S. @ W Sx. Int. @ W

Sx. Pr.

@

W

Sx.

T.

@

Csg. Perf.

Prod. Stim.

T
R
A
N
S

BO/D		MCF/D After		Hrs.	SICP	PSI After	Days GOR	Grav.	1st Del.	\$				
TOPS		NITD		X	Well Log		TEST DATA							
Kirtland		C-103		✓✓	Plat		X	Schd.	PC	Q	PW	PD	D	Ref. No.
Fruitland		C-104			Electric Log									
Pictured Cliffs					C-122									
Cliff House		Ditr			Dfa									
Menefee		Datr			Dac									
Point Lookout		<div style="text-align: center;"> <p><i>Confidential</i></p> <p>3/4-75</p> <p>E/ 320</p> </div>												
Mancos														
Gallup														
Sanostee														
Greenhorn														
Dakota														
Morrison														
Entrada														

P
O
O

BasinDak Co. 14 S 21 T 20N R 5W U 3 Oper. Northwest P L Corp.

Lse. SJ 20-5 Unit

No. 59