

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21893

5. LEASE DESIGNATION AND SERIAL NO.  
N00-C-4-20-2976

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Barbara Kay

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 19, T27N, R19W

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

## 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 requirement.)

At surface

990' FNL &amp; 2225' FEL

At proposed prod. zone

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

20 Miles Southwest of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED\*

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

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

3

19. PROPOSED DEPTH

6500

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

5762' GR

22. APPROX. DATE WORK WILL START\*

October 8, 1975

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48	130	125 sx
12 1/4"	8 5/8"	24	1275	600 sx
7 7/8"	5 1/2"	15.5	6500	200 sx

It is proposed to drill this well to 6500' with mud. All significant gas shows will be drill stem tested. If the drill stem tests and logs warrant, casing will be run and cemented. The zones of interest will be perforated and stimulated.

A BOP will be installed when the surface casing is run and cemented. All subsequent operations will be conducted through the BOP.

The NW/NE Section 19, T27N, R19W is dedicated to this well

SEP 29 1975

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

*D.H. Maroncelli*  
D.H. MARONCELLI

TITLE

Petroleum Engineer

DATE

Sept. 26, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NSI for gas well  
cy

\*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.

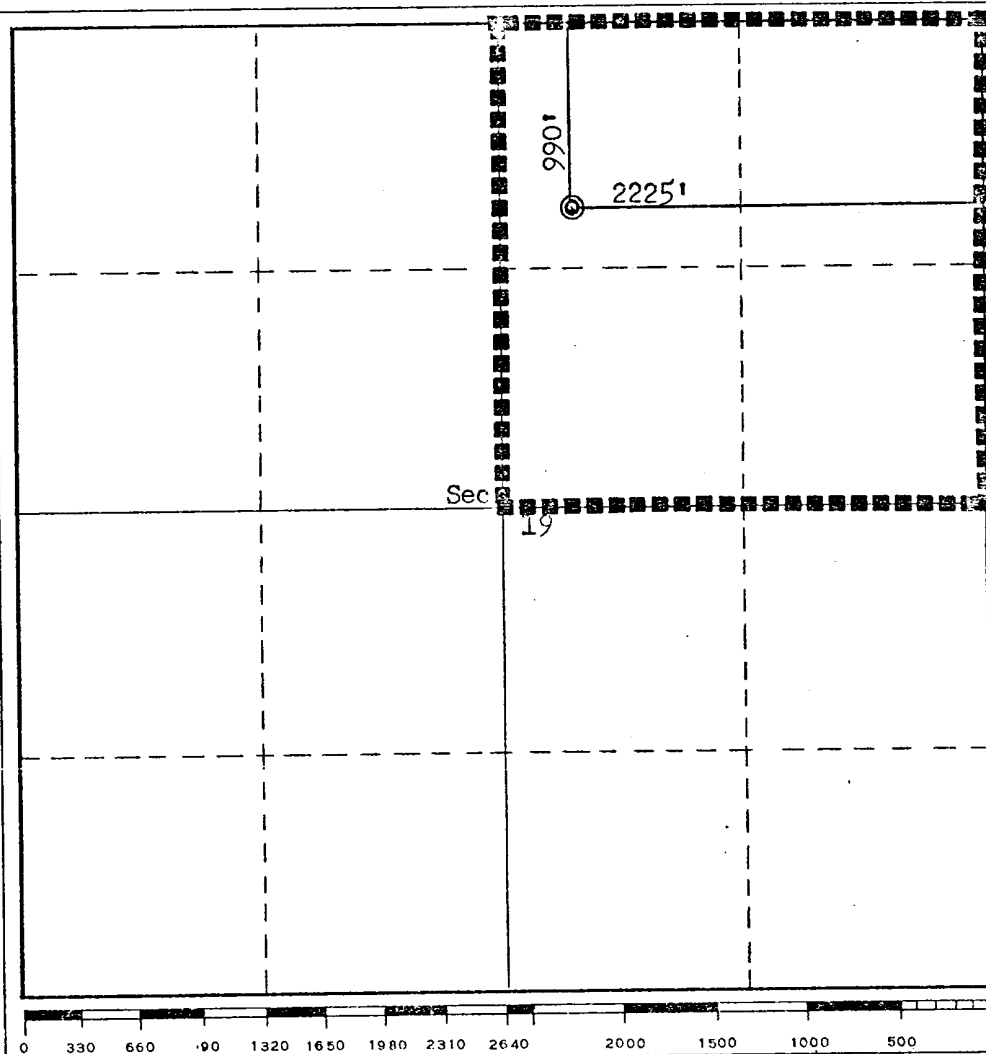
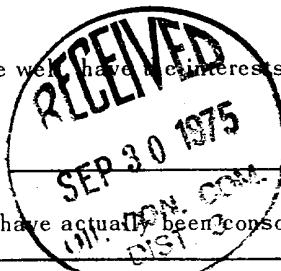
Operator <b>Northwest Pipeline Corporation</b>			Lease <b>Barbara Kay</b>		Well No. <b>3</b>
Unit Letter <b>B</b>	Section <b>19</b>	Township <b>27N</b>	Range <b>19W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
990 feet from the <b>North</b> line and		<b>2225</b> feet from the <b>East</b> line			
Ground Level Elev. <b>5762</b>	Producing Formation <b>Elbert</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>160</b> 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  
**Petroleum Engineer**

Company  
**Northwest Pipeline Corp.**

Date  
**September 26, 1975**

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  
**September 18, 1975**

Registered Professional Engineer  
and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NORTHWEST PIPELINE CORPORATION  
12 Point Surface Use Plan  
for  
Well Location  
Section 19, T27N, R19W  
San Juan County, New Mexico

1. EXISTING ROAD

To reach Northwest Pipeline well location in Section 19, T27N, R19W, proceed South of Shiprock, New Mexico 6 miles on U.S. 666; exit West on the Red Rock Highway 12 1/2 miles; exit South on graded road and proceed 5 miles to said location.

Route of travel from Red Rock Highway to location is marked on topographic map.

2. PLANNED ACCESS ROAD

As shown on the location layout, the access road will leave the location on the South side of the location and proceed South for approximately 400' to the intersection with graded road. No other access roads are planned. The access road will be 20' wide (20' total width). There are no drainages or washes crossing the planned access road.

3. LOCATION OF EXISTING WELLS

There are no producing wells within a 2 mile radius.

4. LATERAL ROADS TO WELL LOCATIONS

There are no producing well within a 2 mile radius.

5. LOCATION OF TANK BATTERIES AND FLOWLINES

As shown on the attached location layout a tank(s) will be installed on location in the event production is established. There are no flowlines planned.

6. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill and complete this well will be hauled from the Big Gap Reservoir, 1 1/2 miles to the East of the location.

7. METHODS FOR HANDLING WASTE DISPOSAL

All waste will be burned in the burn pit, latrine, or reserve pit, or otherwise buried a min. of 2'. A portable toilet will be supplied for human waste.

8. LOCATION OF CAMPS

There will be no camps.

9. LOCATION OF AIRSTRIPS

There will be no airstrips.

10. LOCATION LAYOUT

See attached location layout sheet.

11. PLANS FOR RESTORATION OF SURFACE

When all drilling and completion activities have been completed, the location and access road will be cleaned, leveled, and a dry hole marker installed if applicable. Location and road will also be reseeded if necessary.

Page 2

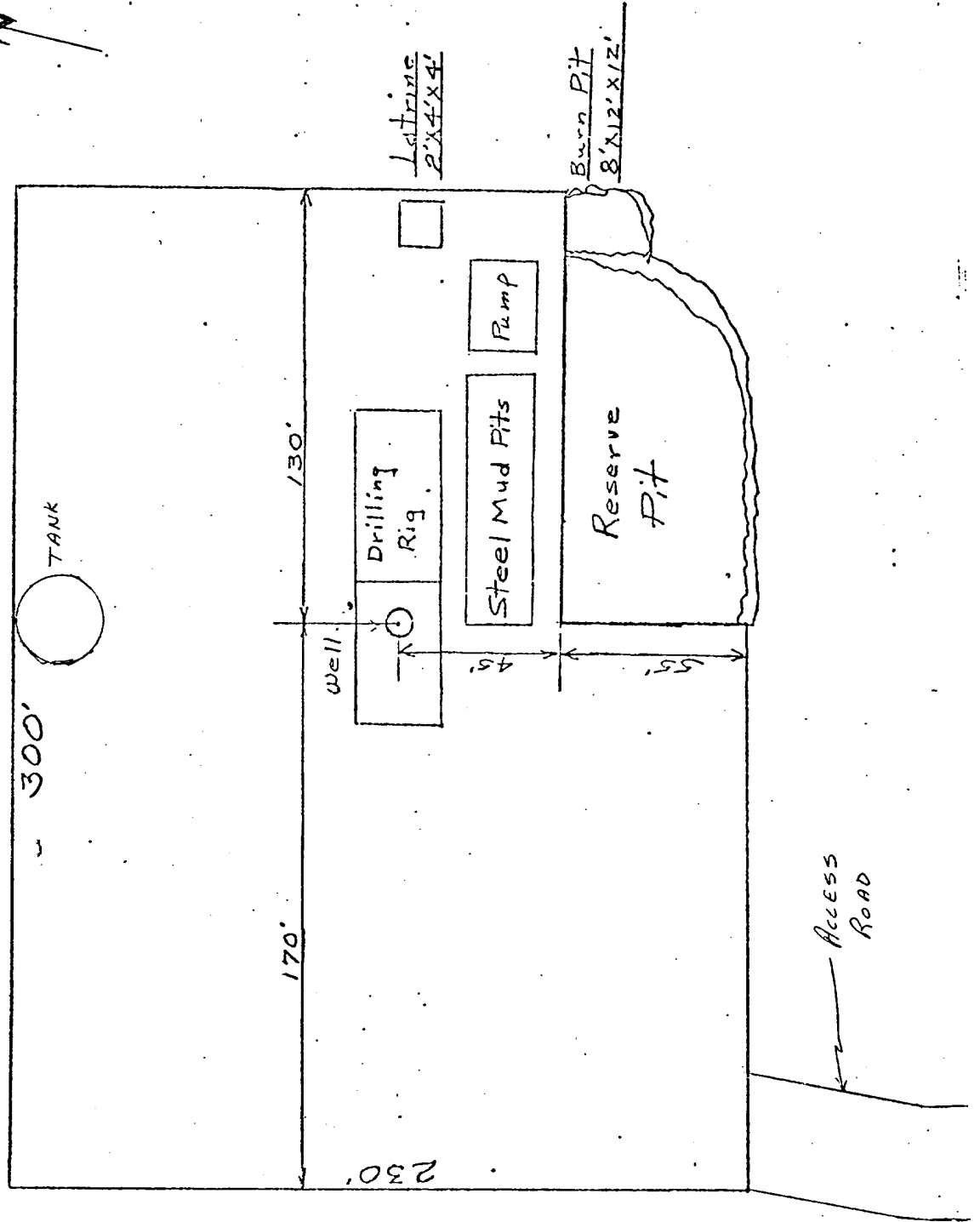
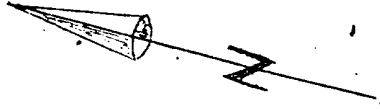
12 Point Surface Use Plan  
for Well Location

12. TOPOGRAPHY

The immediate area surrounding the well location is generally flat with sagebrush and grasses.

LOCATION AND EQUIPMENT LAYOUT

Barbara Kay #3



R 20 W 55'

R 19 W

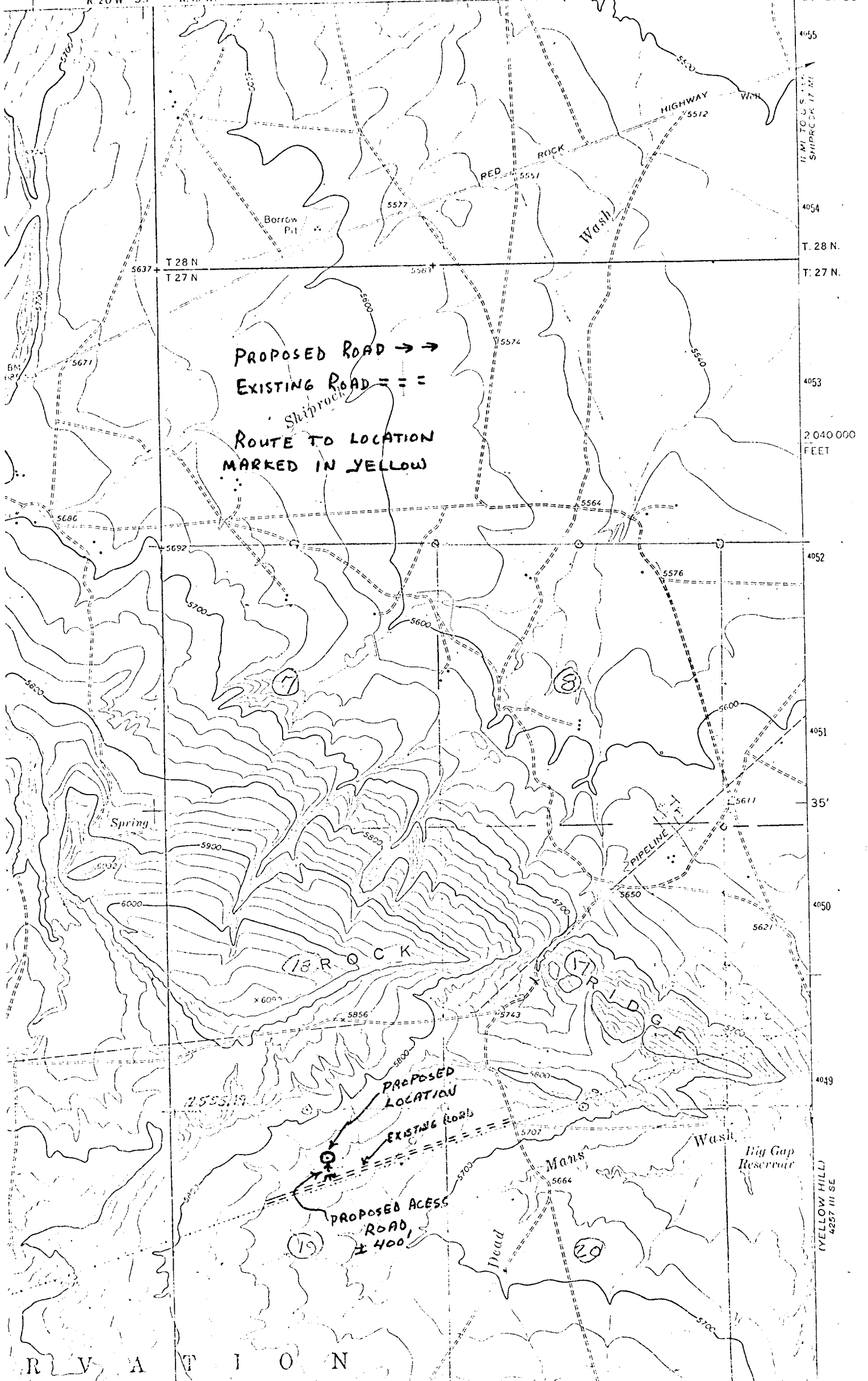
687

688

190 000 FEET

689

108° 52' 30" 36° 37' 30"



Northwest Pipeline Corporation



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

5113-56-75

September 26, 1975

United States Geological Survey  
P. O. Box 959  
Farmington, New Mexico

Re: Application for Permit to Drill  
Barbara Kay #3  
NW/4 NE/4 Sec. 19, T27N, R19W



Gentlemen:

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

Water for drilling and completion operations will be obtained from the Big Gap Reservoir. Permission will be obtained from the Navajo Tribe to use this water. Waste disposal will be burned in the burn pit, latrine or reserve pit. There will be no airstrip associated with drilling this well. Upon completion of this well the location will be cleaned, leveled, and a dry hole marker placed if applicable.

Yours truly,  
Northwest Pipeline Corporation

*D. H. Maroncelli*

D. H. Maroncelli  
Petroleum Engineer

DHM/mag  
xc: File

SEP 29 1975

U. S. GEOLOGICAL SURVEY