

Northwest Pipeline Corporation



P.O. Box 90
501 AIRPORT DRIVE
FARMINGTON, NEW MEXICO 87401

August 20, 1974

Unites States Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

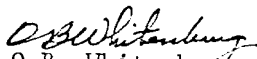
RE: Application for Permit to Drill
Blanco #25
NW/4 Sec. 12, T27N, R9W
Undesignated Chacra

Gentlemen:

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

Water for drilling and completion operations will be obtained from a nearby water hole. Waste disposal will be buried in the burn pit, latrine or reserve pit. There will be no camp or air strip associated with drilling this well. Upon completion or abandoment of this well the location will be cleaned, leveled and a dry hole marker placed, if applicable.

Yours truly,
Northwest Pipeline Corporation


O.B. Whitenburg

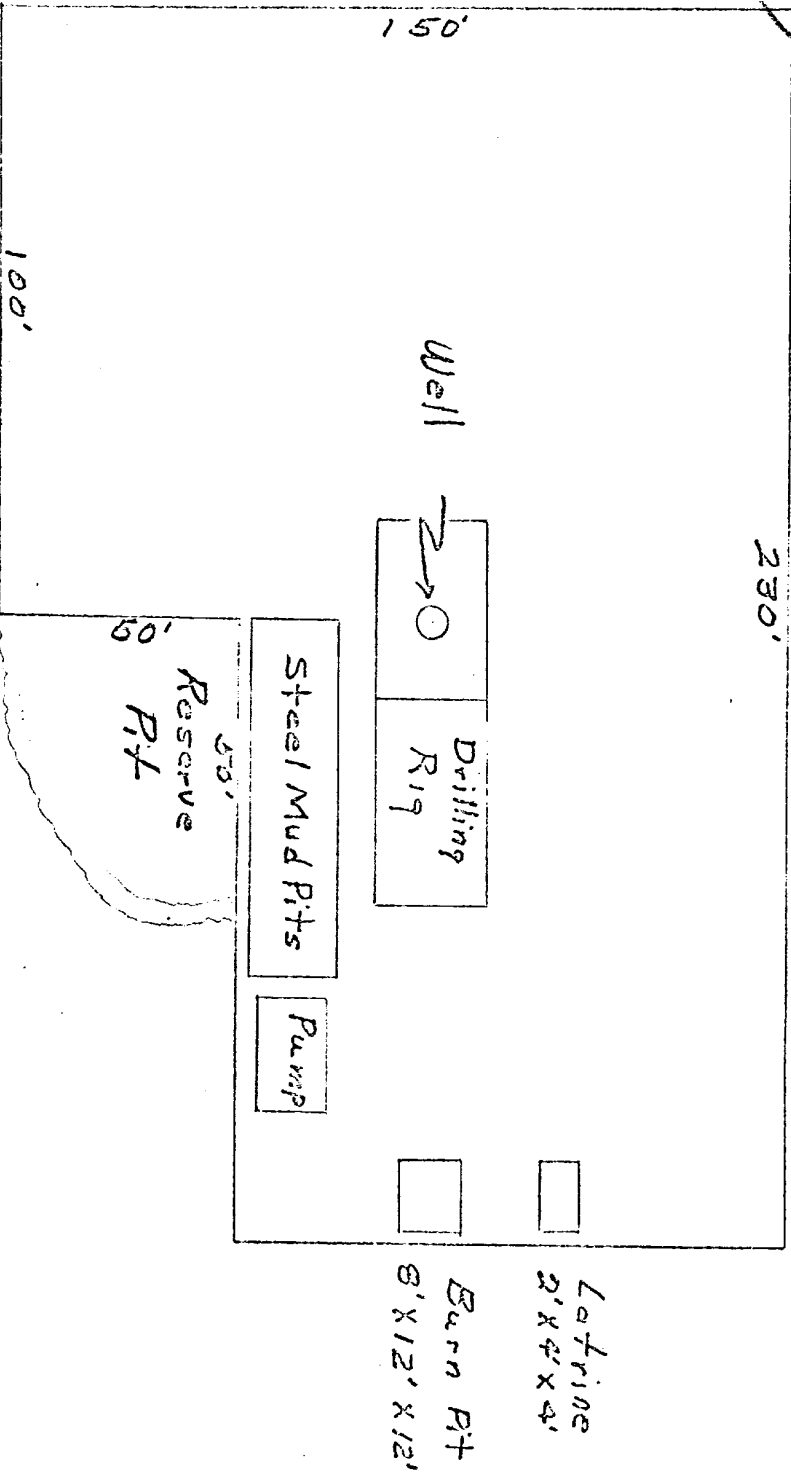
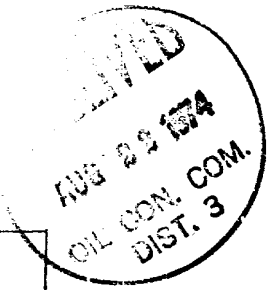
Drilling & Production Engineer

OBW/dm

Attachments

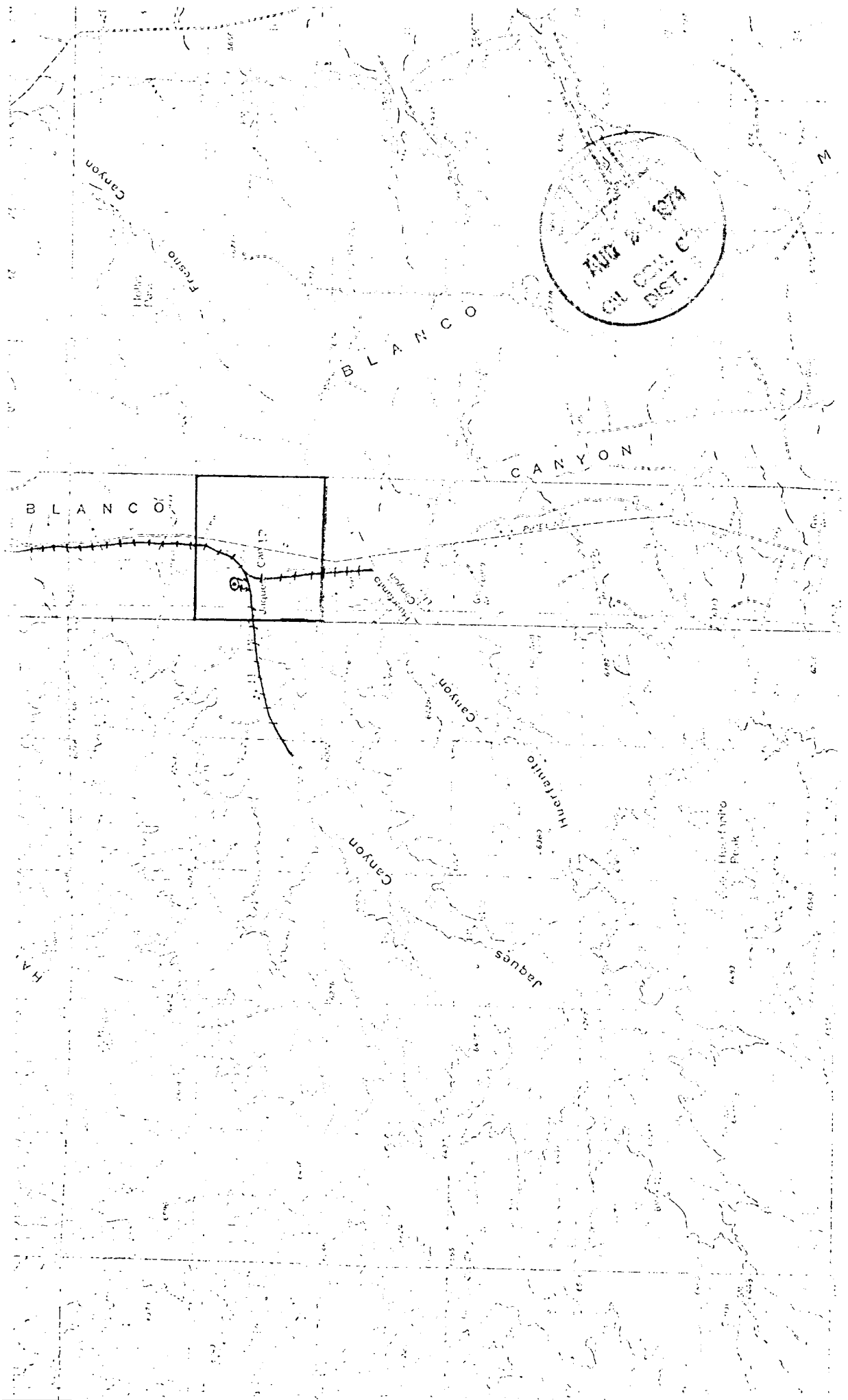
LOCATION AND EQUIPMENT LAYOUT

Blanco #25



Blanco #25
NW 1/4 sec. 12. T27N, R9W

Existing Pipeline
Proposed Pipeline
Proposed Road



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8465

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED

1. OIL ☐ WELL GAS ☒ WELL OTHER ☐

APR 4 1975

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

P.O. Box 90 Farmington, New Mexico 87401

U.S. GEOLOGICAL SURVEY

4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations.
See also space 17 below.)
At surface

835' FWL & 1820' FNL

7. UNIT AGREEMENT NAME
Blanco Unit

8. FARM OR LEASE NAME

Blanco

9. WELL NO.

25

10. FIELD AND POOL, OR WILDCAT

Undesignated Chacra

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

Sec 12, T27N, R9W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. PERMIT NO.

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

5989' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

12-11-74: Spud well. Drilled 12-1/4" surface hole to 140'. Ran 4 joints of 8-5/8", 24#, K-55 casing. 125' set @ 136'. Cemented with 90 sacks class B with 1/4# flocele per sack and 3% CC. Circulated cement. WOC 12 hours.

12-13-74: Tested casing to 600 psi for 30 minutes - OK.

12-17-74: TD-3276'. Ran 109 joints of 2-7/8", 6.4#, J-55 casing. 3260; set @ 3271'. Cemented with 225 sacks 65/35 Poz with 12% gel and 1/4 cu. ft. fine gilsonite per cu. ft. of slurry. Followed with 50 sacks Class B neat with 2% cc. WOC 12 hours. Top of cement - 1900'.

2-27-75: Tested casing to 4000 psi - OK.

3-7-75: Perforated 3163-3183 with 20 holes. Perforated 3002-3026 & 3040-3058 with 24 holes per zone. Fraced with 40,000# 20-40 sand and 40,908 gallons treated water. Dropped 48 5/8" RCN balls. Flushed with 630 gallons treated water.

18. I hereby certify that the foregoing is true and correct

SIGNED

R.E. Fielder

(This space for Federal or State office use)

TITLE Production Engineer

DATE 3-31-75

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

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 and State requirements)* 4 1975

At surface 835' FWL & 1820' FNL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUNDED

12-11-74

16. DATE T.D. REACHED

12-17-74

17. DATE COMPL. (Ready to prod.)

3-19-75 SIG

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5898' GR

19. ELEV. CASINGHEAD

5989'

20. TOTAL DEPTH, MD & TVD

3276'

21. PLUG BACK T.D., MD & TVD

3266'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

all

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2980'-3200: Charca

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES & GR Density

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	136'	12-1/4"	90 sacks	
2-7/8	6.4#	3271'	6-3/4"	275 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

3163-3183 with 20 - .47" diam. holes
3002-3026 & 3040-3058 with 24 - .47" diam
holes per zone.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3002-3183	40,000# 20-40 sand and 40,908 gallons treated water.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		flowing				shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-26-75	3	3/4"	→		CV-852 MCF/D		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	68 psia	→		AOF=857 MCF/D			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

shut in, waiting on pipeline connection

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

R. E. Fielder
R. E. Fielder js

TITLE Production Engineer

DATE 3-31-75

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTR

General: This form is designed for submitting a complete and correct well completion report on all types of lands and leases to a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, or to the laws and regulations of the State below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33 below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (cablelogs, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	2980'	3200'			MEAS. DEPTH	TRUE VERT. DEPTH
Chacra			Sandstone: light gray to buff, fine to medium grained, friable, well sorted, slightly calcareous.	Ojo Alamo Kirtland Fruitland Pictured Cliff Lewis Chacra	842' 1212' 1788' 2055' 2230' 2980'	same " " " " "