

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.

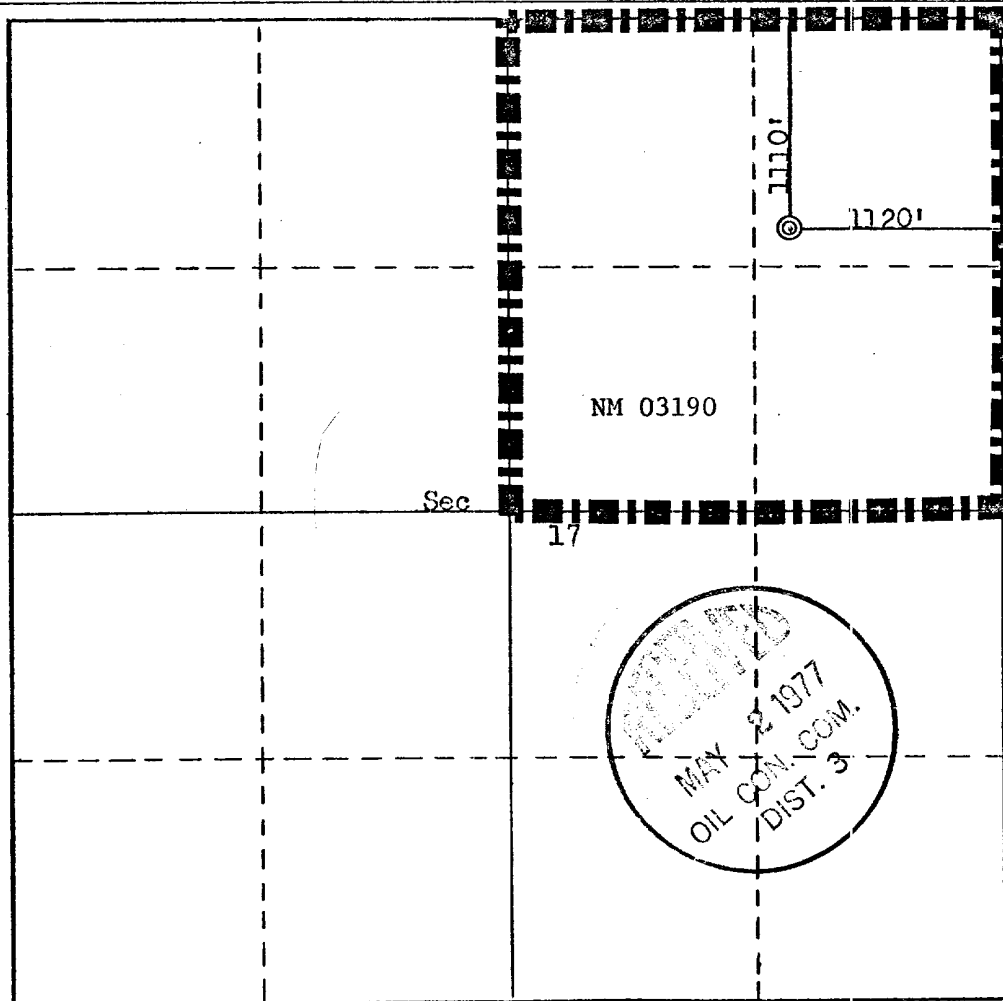
Operator Northwest Pipeline Corporation			Lease Cox Canyon Unit		Well No. 22
Unit Letter A	Section 17	Township 32N	Range 11W	County San Juan	
Actual Footage Location of Well: 1110 feet from the North line and 1120 feet from the East line					
Ground Level Elev. 6705	Producing Formation Pictured Cliffs		Pool Blanco Pictured Cliffs	Dedicated Acreage: 160 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.

Name  
J.P. Slattery  
Position  
Drilling Engineer  
Company  
Northwest Pipeline Corp.

Date  
4/4/77

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  
March 18, 1977  
Registered Professional Engineer,  
and/or Land Surveyor  
Fred B. Kerr Jr.

Certificate No.  
3950

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

NORTHWEST PIPELINE CORPORATION

MULTI-POINT SURFACE USE PLAN

for the Cox Canyon Unit

Well Number 22

1. Existing Roads: See attached topographic map. All existing roads used, shall be maintained in a serviceable condition at all times during the drilling operation.
2. Planned Access Roads: See attached topographic map. Maximum grade is approximately 1%. The road surface will not exceed twenty feet in width. Upon completion of drilling operations, the access road will be adequately drained to control runoff and soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary. All activities will be confined to the access road and drill pad.
3. Location of Existing Wells: See attached topographic map.
4. Location of Tank Batteries; Production Facilities; and Production, Gathering and Service Lines: See attached topographic map for locations of existing and proposed gas gathering lines.
5. Location and Type of Water Supply: Water needed for the drilling operation will be hauled from the Decker Spring Water Hole located in the NW/4 9, T32N, R10W.
6. Source of Construction Materials: No additional materials will be needed.
7. Methods for Handling Waste Disposal: All garbage, debris, and trash will be buried at least three feet deep. A portable toilet will be supplied for human waste. After drilling operations have been completed the reserve pit will be fenced and the liquid portion will be allowed to evaporate before the location is cleaned up and leveled. The earthen pits will not be located on natural drainages and will be constructed in such a manner so that they will not leak. Any evaporator pit containing toxic liquids will be fenced.
8. Ancillary Facilities: There will be no camps or airstrips associated with the drilling of this well.
9. Well Site Layout: See attached location layout sheet.
10. Plans for Restoration of the Surface: Upon completion of drilling, the location will be cleaned, and leveled so that no cut or fill banks will be steeper than 3:1.

All of the area disturbed in connection with the drill site will be seeded as close as possible for any above ground equipment while still allowing for access to the equipment. Seeding will be done within one year after drilling is completed and during the period from July 1 through September 15. Seeding will be done with seed Mixture #2.

All equipment above ground will be painted a non-glare, non-reflective, non-chalking color that simulates the natural color of the site. For this well code number 595-34127, Green.

11. Other Information: If, during operations, any historic or prehistoric ruin, monument or site, or any object of antiquity is discovered, then work will be suspended and the discovery will be reported to the District Manager of the BLM.

When drilling with gas, the line used to discharge and burn off the gas will be located so as not to damage vegetation in the area, and if necessary an earthen screen will be constructed to protect the vegetation. All liquids from the line will be contained at the site unless otherwise specified by the surface agency's representative.

The area covered by the location and proposed access road is gently sloped with scattered brush and some grasses.

12. Operator's Representative: D.H. Maroncelli, P.O. Box 90, Farmington, N.M. 87401, Phone: 327-5351 Extension 54.

13. Certification:

I hereby certify that I have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Northwest Pipeline Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4-27-77  
Date

D.H. Maroncelli  
D.H. Maroncelli

## OPERATIONS PLAN

Cox Canyon Unit #22

I. LOCATION: NE/4 NE/4 Sec. 17, T32N, R11W

LEASE NUMBER: NM 03190

FIELD: Blanco Pictured Cliffs

ELEVATION: 6705 GR

II. GEOLOGY:

A. Formation Tops:

Ojo Alamo:	2155'	Total Depth:	3492'
Kirtland:	2255'		
Fruitland:	2925'		
Pictured Cliffs:	3372'		

B. Logging Program: I-ES and Density

C. Coring Program: None

D. Testing Program: None

III. DRILLING:

A. Anticipated starting date and duration of activities:

B. BOP: Blind rams and pipe rams, 10' 900 series, double gate, rated at 3000 PSI.

C. Mud Program:

a) Spud Mud: Water, lime and gel.

b) Surface to 3300'

Starloss: CMC mud

Viscosity: 25-30 sec/qt.

Weight: 8.9-9.0 #/gal.

Water Loss: 7-12 CC.

Ph: 8.5-9.5

c) From 3300 to 3492'

Starloss: CMC Hy-gel mud

Viscosity: 38-50 sec/qt.

Weight: 9.0-9.5 #/gal.

Water Loss: 6-8 CC.

Ph: 8.5-9.5

IV. MATERIALS:

A. Casing Program:

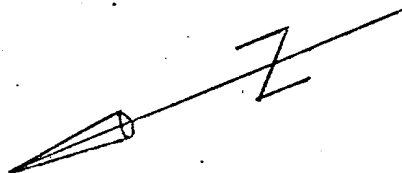
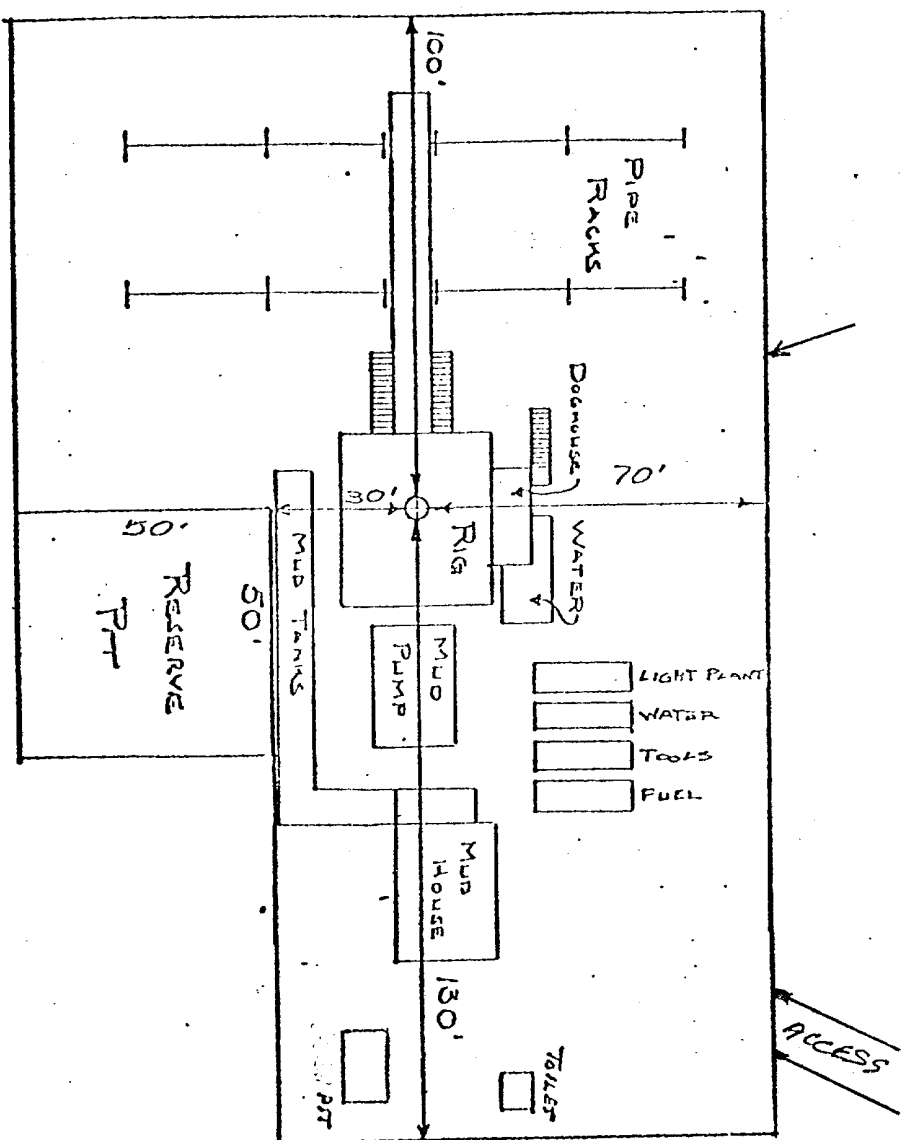
<u>Hole Size</u>	<u>Depth O.H.</u>	<u>Casing Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>
12 1/4"	120'	8 5/8"	24# K-55	120'
6 3/4"	3492'	2 7/8"	6.4# K-55	3492'

V. CEMENTING:

- A. Surface Casing 8 5/8" - Use 85 sks. Cl. "B" cmt. w/1/4# Flocele/sk. & 3% calcium chloride (100% excess to circ.) WOC 12 hrs. Test surface csg. to 600 PSI for 30 min.
- B. Production Casing 2 7/8" -Use 175 sks. 65/35 poz w/10% gel & 1/4 cu. ft. fine Gilsonite/cu. ft. slurry & tail in/50 sks. Cl. "B" cmt. Run temp survey after 12 hrs.

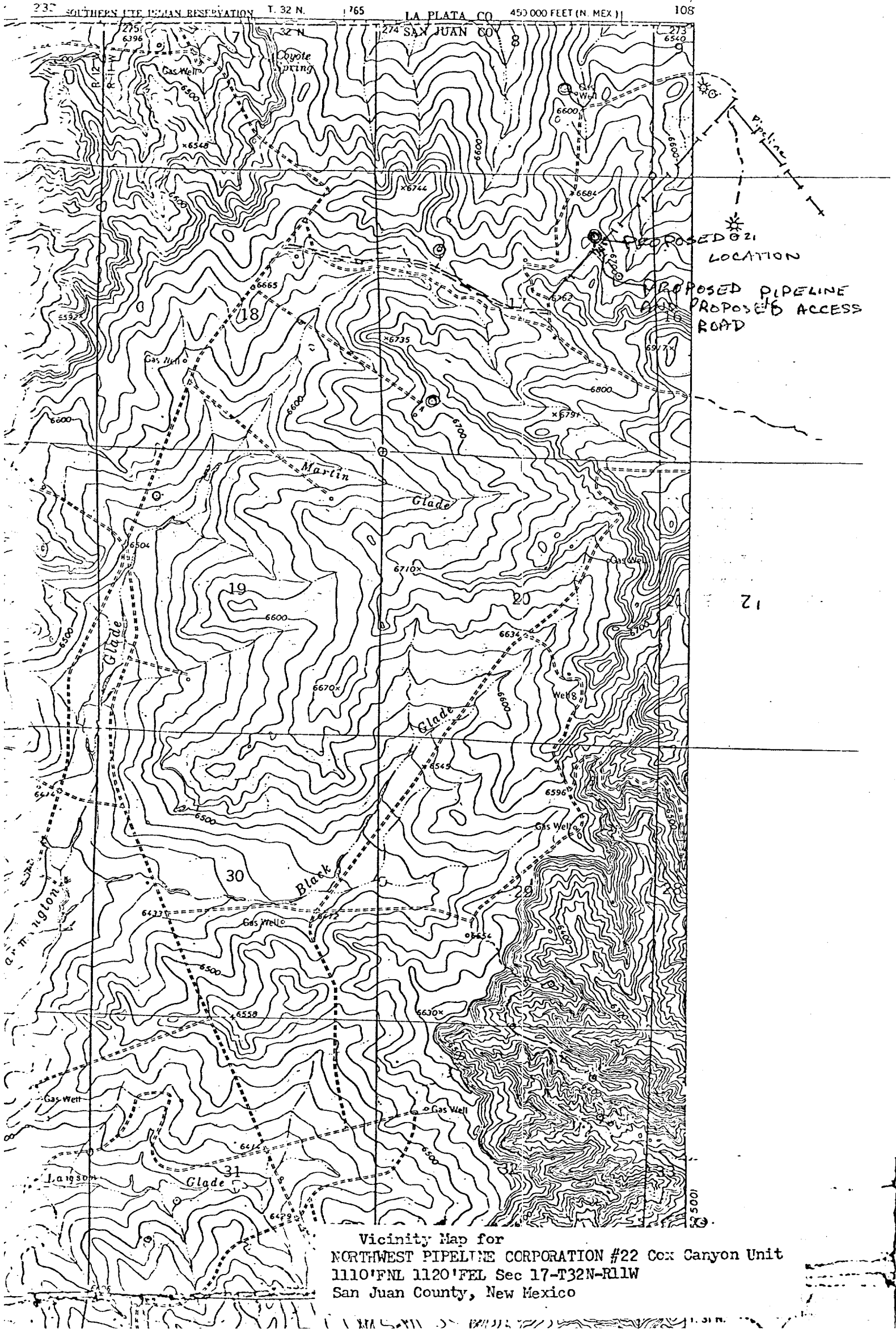
ks

NORTHWEST PIPELINE CORPORATION  
 LOCATION LAYOUT  
 Cox Canyon Unit # 22



DATE: 4-27-77  
 SCALE: 1"CM = 20'

ADOBE DOWNS RANCH QUADRANGLE  
NEW MEXICO-COLORADO  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Vicinity Map for  
NORTHWEST PIPELINE CORPORATION #22 Cox Canyon Unit  
1110'FNL 1120'FEL Sec 17-T32N-R11W  
San Juan County, New Mexico



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42 R1424

## 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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 03190
2. NAME OF OPERATOR Northwest Pipeline Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 90 - Farmington, N.M. 87401		7. UNIT AGREEMENT NAME Cox Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1110' FNL & 1120' FEL		8. FARM OR LEASE NAME Cox Canyon Unit
14. PERMIT NO.		9. WELL NO. 22
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6705' GR		10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T32N, T11W
		12. COUNTY OR PARISH San Juan
		13. STATE N.M.

## 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 COMPLETION ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐"Summary" ☒

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

## 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.)\*

7-2-77 Spud 12-1/4" surface hole. Drilled to 135' KB. Ran 8-5/8" csg. set at 135 KB. Cemented with 85 sks. Class "B" with 1/4# flocele per sack. Plug down.

7-10 to Drilled 6-3/4" hole to 3492 with mud.

7-13

7-13-77 Ran I-ES & GR-Density logs.

7-14-77 Ran 3478' of 2-7/8" tbg. set at 3484' KB. Cemented with 150 sks. Class "B" 65/35 poz with 12% gel and 12-1/2# gilsonite per sack followed by 50 sks. Class "B". Top of cement at 3250' by temp. survey.

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

SIGNED

J.P. Slattery  
J.P. Slattery

TITLE

Drilling Engineer

DATE

July 20, 1977

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

JPS/ch

JUL 21 1977

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 03190

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.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

PO Box 90, Farmington, New Mexico 87401

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

1110' FNL &amp; 1120' FEL

14. PERMIT NO.

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

6705' GR

7. UNIT AGREEMENT NAME

Cox Canyon Unit

8. FARM OR LEASE NAME

Cox Canyon Unit

9. WELL NO.

22

10. FIELD AND POOL, OR V. LOCAT

Blanco Pictured Cliffs

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

Sec. 17 T32N R11W

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

## 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

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

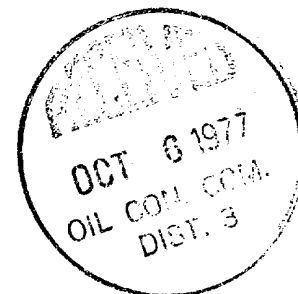
ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)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 perti-  
nent to this work.)\*

9-23-77

Tested 2 7/8" csg to 4000 psi. Held OK. Ran GR-CCL to 3476' KB & perfed 14 holes from 3376' to 3444'. Pumped 500 gal 15% HCl & dropped 25 ball sealers. Good ball action. Cleared perfs & fraced w/ 50000# 10/20 sand @ 1 ppg & treated wtr. ISIP = 0 psi. AIP = 3100 psi. MIP = 4600 psi. AIR = 26 BPM. MIR = 26 BPM. Job complete @ 1600 hrs.



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

SIGNED

*Barbara C. Kip*

TITLE Production Clerk

DATE 9-29-77

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

OCT 5 1977

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY