

HIP - 77

**GENERAL
CORRESPONDENCE**

YEAR(S):

2002

ENERGY, MINERALS AND NATURAL RESOURCES DEPT.

-521

NO. 128116

Official Receipt

Date: Jan 19 1970

Received from: RC FISH

Dollar Amount 250.00

DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.
60	4290				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60			250.00		
60					
60					
60					

TOTAL

250.00

By

M. J. [Signature]

**ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH**

I hereby acknowledge receipt of check No. 010429 dated 6-17-02
or cash received on 7-3-02 in the amount of \$ 250.00
from PNM

for PNM HI-077

Submitted by: MARTYNE KIELING (Family Name) OP No.1 Date: 7-3-02

Submitted to ASD by: Martyn Kieling Date: 7-3-02

Received in ASD by: _____ Date: _____

Filing Fee New Facility _____ Renewal _____

Modification _____ Other Hydrostatic test Application Fee + temporary permit

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment or Annual Increment _____

THE FACE OF THIS DOCUMENT HAS A MULTICOLORED BACKGROUND ON WHITE PAPER



Electric and Gas Services
General Fund Account 605

CHECK NO.	DATE	AMOUNT
010429	6/7/2002	\$250.00

PAY **NMED**
TO THE **WATER QUALITY**
ORDER **MANAGEMENT FUND**
OF

Authorized Signature
[Signature]

⑈010429⑈ ⑆092904774⑆ 4800372⑈

FORM NO. 9713M Pat. No's 4,227,720 4,310,180

**NEW MEXICO ENVIRONMENT DEPARTMENT
REVENUE TRANSMITTAL FORM**

Description	FUND	CEB	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
1 CY Reimbursement Project <u>Tax</u>	064	01		2329	900000	2329134		1
5 Gross Receipt Tax	064	01		1696	900000	4169134		2
3 Air Quality Title V	092	13	1300	1696	900000	4989014		3
4 PRP Prepayments	248	14	1400	9696	900000	4989015		4
2 Climax Chemical Co.	248	14	1400	9696	900000	4989248		5
6 Circle K Reimbursements	248	14	1400	9696	900000	4169027		6
7 Hazardous Waste Permits	339	27	2700	1696	900000	4169338		7
8 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	2329029	250	8
10 1 Water Quality - Oil Conservation Division	341	29		2329	900000	4189029		9
11 Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169031		10
12 Air Quality Permits	631	31	2500	1696	900000	2919033		11
13 Payments under Protest	851	33		2349	900000	2349001		12
*14 Xerox Copies	652	34		2349	900000	2349002		13
15 Ground Water Penalties	652	34		2349	900000	2349003		14
16 Witness Fees	652	34		2349	900000	2349004		15
17 Air Quality Penalties	652	34		2349	900000	2349005		16
18 OSHA Penalties	652	34		2349	900000	2349006		17
19 Prior Year Reimbursement	652	34		2349	900000	2349009		18
20 Surface Water Quality Certification	652	34		2349	900000	2349012		19
21 Jury Duty	652	34		2349	900000	2349014		20
22 CY Reimbursements (i.e. telephone)	783	24	2500	9696	900000	4969201		21
*23 UST Owner's List	783	24	2500	9696	900000	4969202		22
*24 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969203		23
*25 UST Maps	783	24	2500	9696	900000	4969205		24
*26 UST Owner's Update	783	24	2500	9696	900000	4969207		25
*28 Hazardous Waste Regulations	783	24	2500	9696	900000	4969208		26
*29 Radiologic Tech. Regulations	783	24	2500	9696	900000	4969211		27
*30 Superfund CERLIS List	783	24	2500	9696	900000	4969213		28
31 Solid Waste Permit Fees	783	24	2500	9696	900000	4969214		29
32 Smoking School	783	24	2500	9696	900000	4969222		30
*33 SWQB - NPS Publications	783	24	2500	9696	900000	4969228		31
*34 Radiation Licensing Regulation	783	24	2500	9696	900000	4969301		32
*35 Sale of Equipment	783	24	2500	9696	900000	4969302		33
*36 Sale of Automobile	783	24	2500	9696	900000	4969614		34
*37 Lost Recoveries	783	24	2500	9696	900000	4969615		35
*38 Lost Repayments	783	24	2500	9696	900000	4969801		36
39 Surface Water Publication	783	24	2500	9696	900000	4989242		37
40 Exxon Reese Drive Ruidoso - CAF	957	32	9600	1696	900000	4164032		38
41 Emerg. Hazardous Waste Penalties NOV	987	05	0500	1696	900000	4169005		39
42 Radiologic Tech. Certification	989	20	3100	1696	900000	4169020		40
44 Ust Permit Fees	989	20	3100	1696	900000	4169021		41
45 UST Tank Installers Fees	991	26	2600	1696	900000	4169026		42
46 Food Permit Fees								43
43 Other								44

TOTAL \$ 250.00

* Gross Receipt Tax Required

** Site Name & Project Code Required

Contact Person: Roger Anderson

Phone: 476-3490

Date: 7-3-02
~~10-22-01~~

Received in ASD By: _____

Date: _____ RT #: _____

ST #: _____

Public Service Company
of New Mexico
Alvarado Square MS 2104
Albuquerque, NM 87158
Fax 241-2376

March 22, 2002

Martene Keiling
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe NM 87505



Re: The Cabezon Loop Project
Notice Of Intent To Hydrostatically Test
Fee Payment

Ms Keiling:

Please find enclosed a check for \$250 for filing fees on the Cabezon Loop gas transmission project. I apologize for any mix-ups in getting the check to you in a timely fashion. If there are any questions or comments please feel free to contact me at my office in Albuquerque, at 241-2017 or on my mobile phone 249-3262. My mailing address is as follows.

Scott Berger
Senior Technical Project Manager
Public Service Company of New Mexico
Alvarado Square- MS 2104
Albuquerque NM 87158

Your attention to this matter would be appreciated.

Sincerely,

Scott Berger

A handwritten signature in black ink that reads "Scott Berger". The signature is written in a cursive style with a long, sweeping tail that extends to the right.

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Received by (Please Print Clearly) <u>HAZ</u>	B. Date of Delivery <u>5/31/05</u>
1. Article Addressed to: Ms Martyne Kieling NM OCD 1220 S. St. Francis Drive Santa Fe NM 87505	C. Signature <u>[Handwritten Signature]</u>	
2. Article Number (Copy from service label) 7099 3220 0005 5958 4095	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 1999	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

Domestic Return Receipt

102595-99-M-1789

Public Service Company
of New Mexico
Alvarado Square MS 2104
Albuquerque, NM 87158
Fax 241-2376

RECEIVED

MAR 25 2002

Environmental Bureau
Oil Conservation Division

March 22, 2002

Roger C. Anderson
Environmental Bureau Chief
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe NM 87505



Re: The Cabezon Loop Project
Notice Of Intent To Hydrostatically Test

Sir:

This letter and the attachments are to inform you of Public Service Company of New Mexico's intent to hydrostatically test the to be newly constructed Cabezon 24" loop gas line sometime in early June of this year. The project is currently starting construction paralleling the existing Albuquerque Mainline. Details of the proposed testing are included in the attached "Proposed Action" plan of development that is included in the Bureau of Land Management Environmental Assessment. The testing will be with clean potable water (approximately 650,000 gallons) obtained from an existing well off site. On test completion the water will be placed in an evaporation pond to be constructed at the existing Cabezon Compressor Station Located at Township 15 North, Range 1 West , the SW quarter of the NE quarter of section 33 on PNM property. If there are any questions or comments please feel free to contact me at my office in Albuquerque at 241-2017 or on my mobile phone 249-3262. My mailing address is as follows.

Scott Berger
Senior Technical Project Manager
Public Service Company of New Mexico
Alvarado Square- MS 2104
Albuquerque NM 87158

Your attention to this matter would be appreciated.

Sincerely,

Scott Berger

A handwritten signature in black ink that reads "Scott Berger". The signature is written in a cursive style and is positioned above the printed name "Scott Berger".

Cc: Tim Cynova
Dave Kirkland
Greg Gill
Maureen Gannon

distribution to other load centers in the PNM grid. The Rio Puerco North valve setting and the Cabezon Compressor Station are facilities existing on the Albuquerque Mainline System. The proposed project would loop natural gas within the existing Albuquerque Mainline, and would reduce the pressure drop bottleneck or choke point of the existing pipelines as well as increasing peak volumes and storage capacity for PNM Gas Services.

1.6 PROPOSED ACTION

1.6.1 Project Description

PNM proposes construction of 74,300 feet (14.07 miles) of 24" O.D. steel pipe for the transport of refined natural gas. The project would be located in Sandoval County, New Mexico, connecting the existing PNM Cabezon Compressor Station to the existing Rio Puerco North valve setting. The Cabezon Compressor Station and the Rio Puerco North valve setting are facilities existing on the Albuquerque Mainline System. A fifty-foot permanent ROW is proposed for the project for a permanent disturbance of approximately 85.28 acres. Additionally, a twenty five-foot TUA has been requested by PNM for the entire length of the pipeline. The disturbance associated with the twenty five-foot TUA would be approximately 42.64 acres. The maximum total area to be disturbed by the proposed project is approximately 127.92 acres. Block valve sets would be installed within existing PNM ROW staging areas at the Cabezon Compressor Station and the Rio Puerco North valve setting to connect the new pipeline to the Albuquerque Mainline System. The existing 14-inch pipeline that traverses over the Rio Puerco River (north to south) would be disassembled along with the towers. The 14-inch would be tied back into the existing 14-inch pipeline south of the Rio Puerco River in the existing right-of-way. The existing surface block valves for the 14 and 20-inch pipelines located at Milepost 20 within the existing pipeline corridor would be removed and connected underground. PNM has proposed the use of the existing Cabezon Compressor Station as a staging area. Pipe would be transported to the project area by truck from the Bernalillo, NM rail yard and strung out on the proposed project ROW.

1.6.2 Project Location

PNM's proposed project would be constructed across approximately 14.07 miles in Sandoval County, New Mexico. A vicinity map of the proposed project is included as Figure 1.0. Figures 1.1-1.4 show the proposed project on the San Luis, Cabezon Peak, Ojito Spring, and the Sky Village NW United States Geological Survey (USGS) 7.5-minute quadrangle maps. Project survey plats are included in the Plan of Development (POD) in Appendix B. The legal coordinates of the proposed pipeline project from south to north are as follows:

Township 16 North, Range 2 West, Ojo Del Espiritu Santo Grant, Projected Sections are 5, 8, 9, 16, 15, 22, 23, 26, 35, and 36,
Sandoval County;

Township 15 North, Range 2 West, Ojo Del Espiritu Santo Grant, Projected Section 1,
Sandoval County;

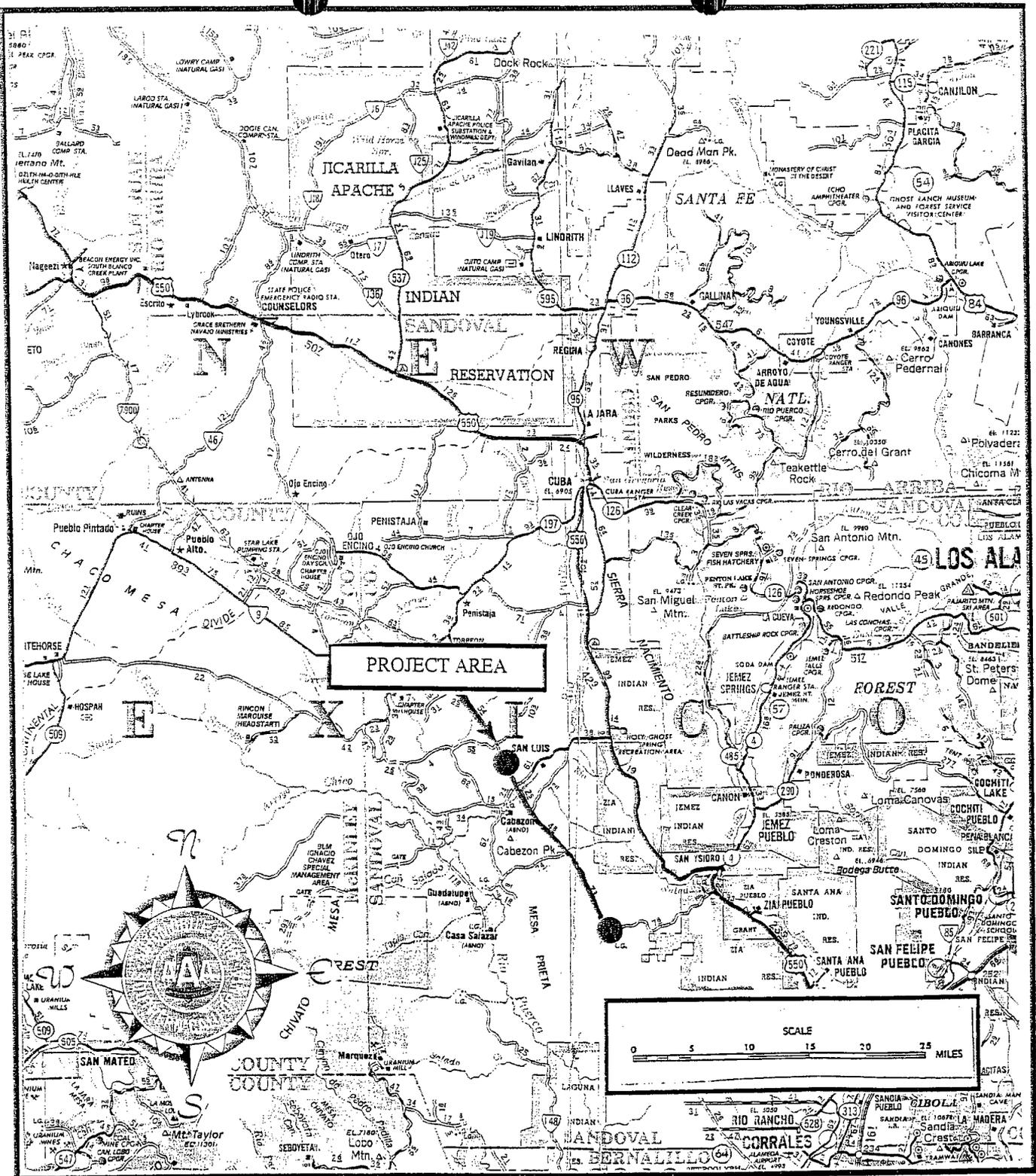
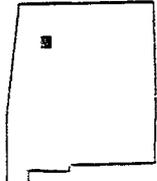


FIGURE I.0
VICINITY MAP

PUBLIC SERVICE COMPANY OF NEW MEXICO
CABEZON LOOP PIPELINE PROJECT
SANDOVAL COUNTY, NEW MEXICO

QUAD LOCATION
NEW MEXICO



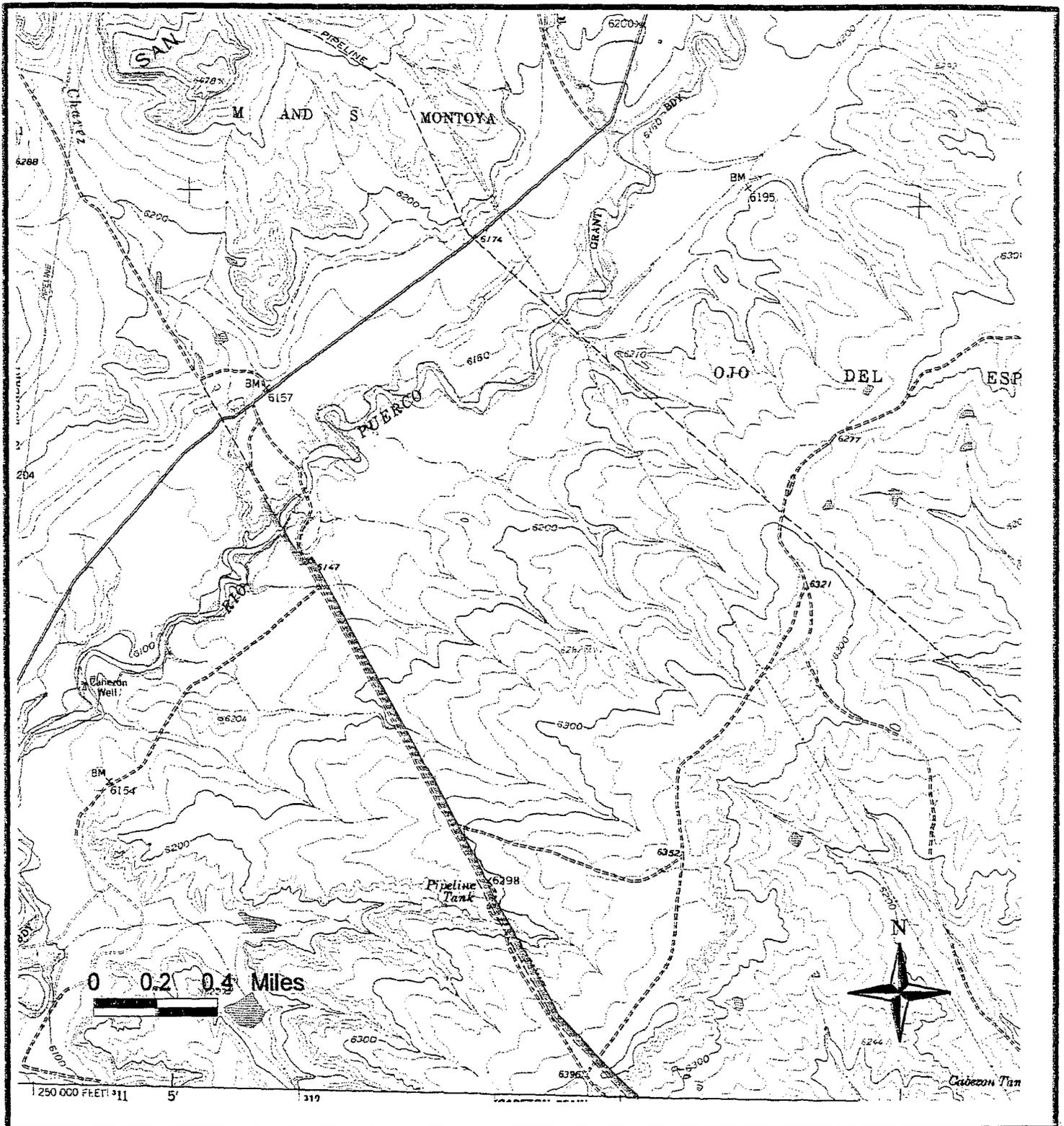


FIGURE 1.1
PROJECT AREA
MAP

PUBLIC SERVICE COMPANY OF NEW MEXICO
CABEZON LOOP PIPELINE PROJECT
TOWNSHIP 16N, RANGE 2W, PROJECTED SECTION 5, B.O.I.

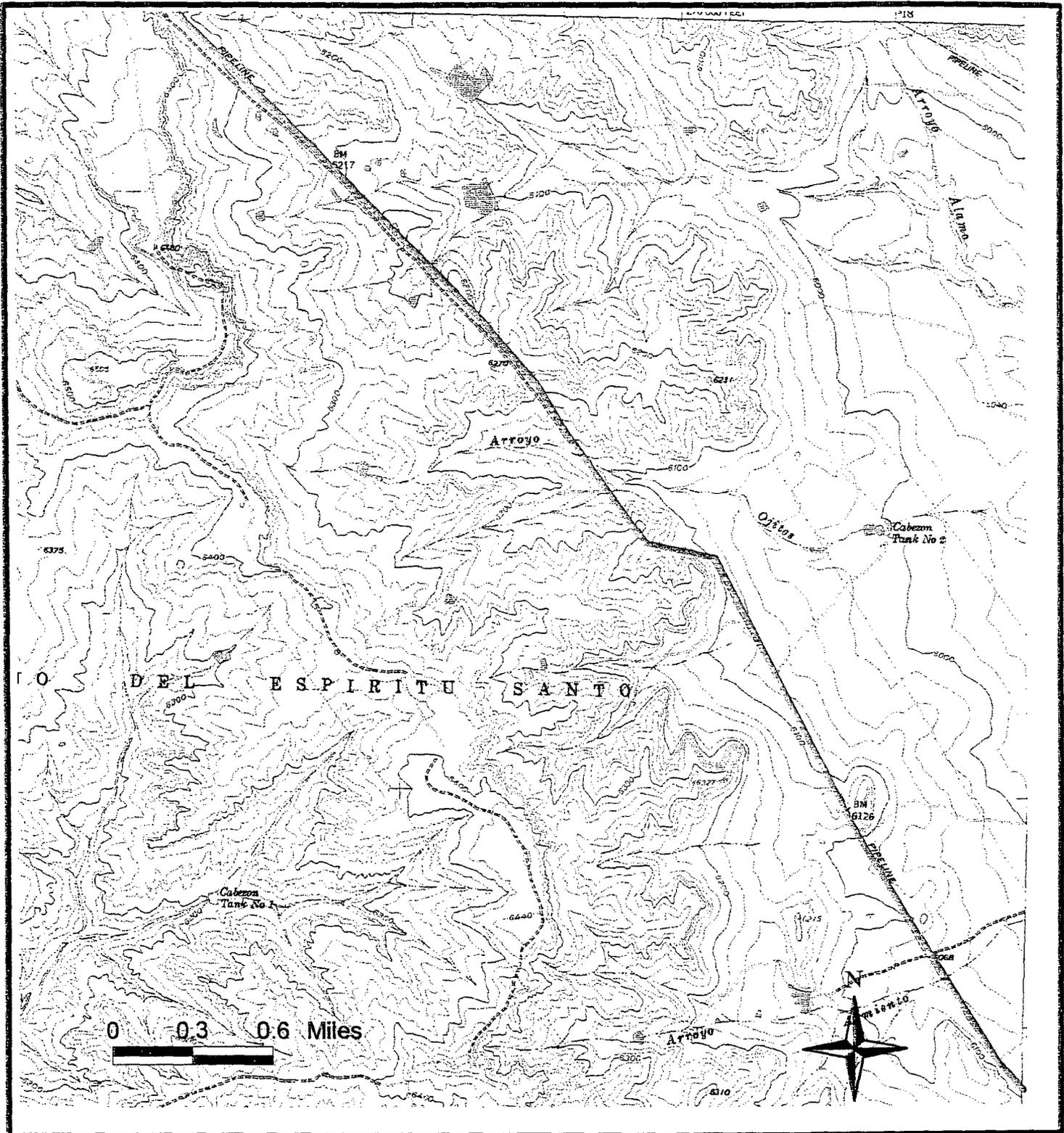


FIGURE 1.2
PROJECT AREA
MAP

PUBLIC SERVICE COMPANY OF NEW MEXICO
CABEZON LOOP PIPELINE PROJECT
TOWNSHIP 16N, RANGE 2W

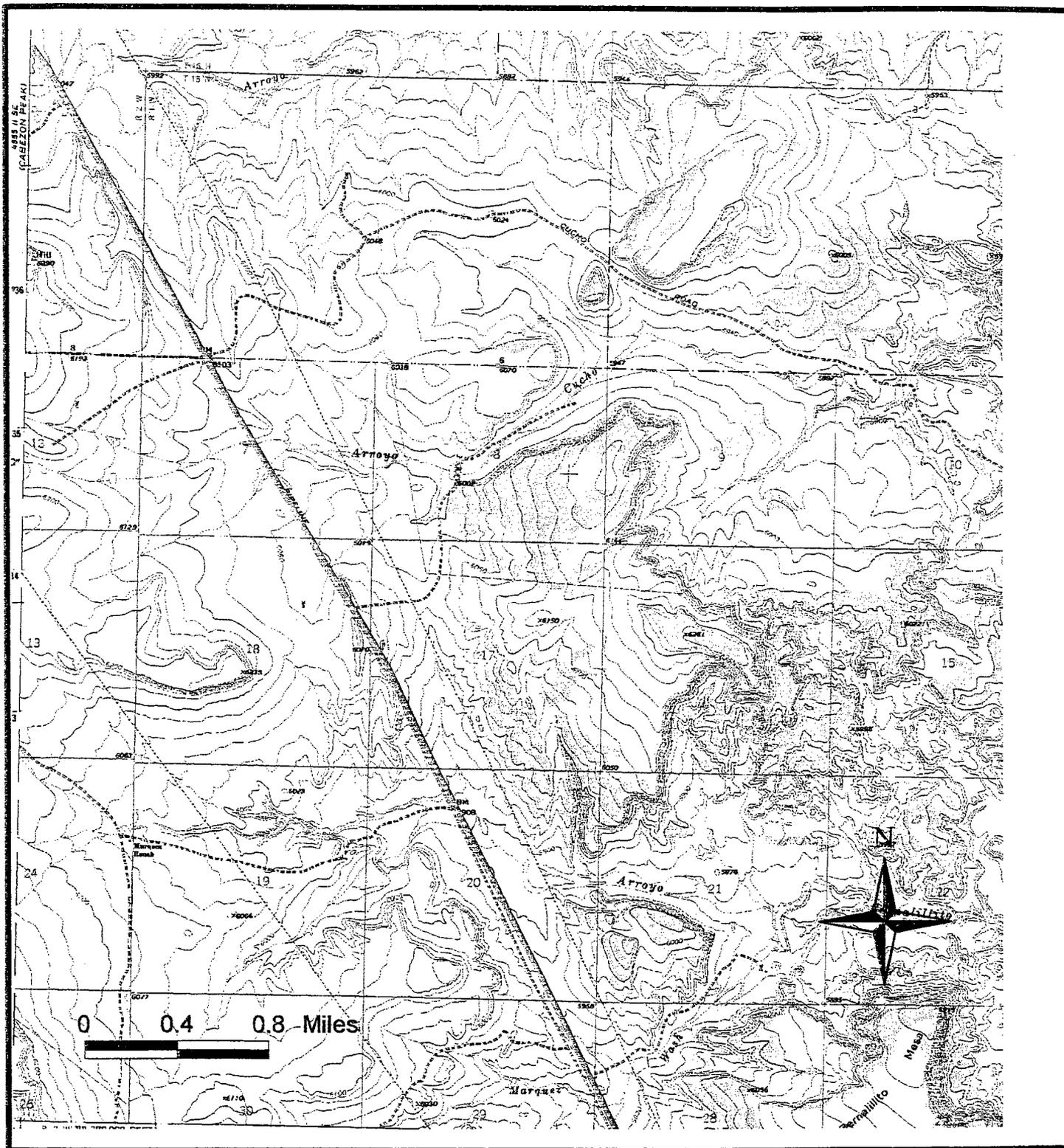


FIGURE 1.3
PROJECT AREA
MAP

PUBLIC SERVICE COMPANY OF NEW MEXICO
CABEZON LOOP PIPELINE PROJECT
TOWNSHIP 16N & 15N, RANGE 2W & 1W

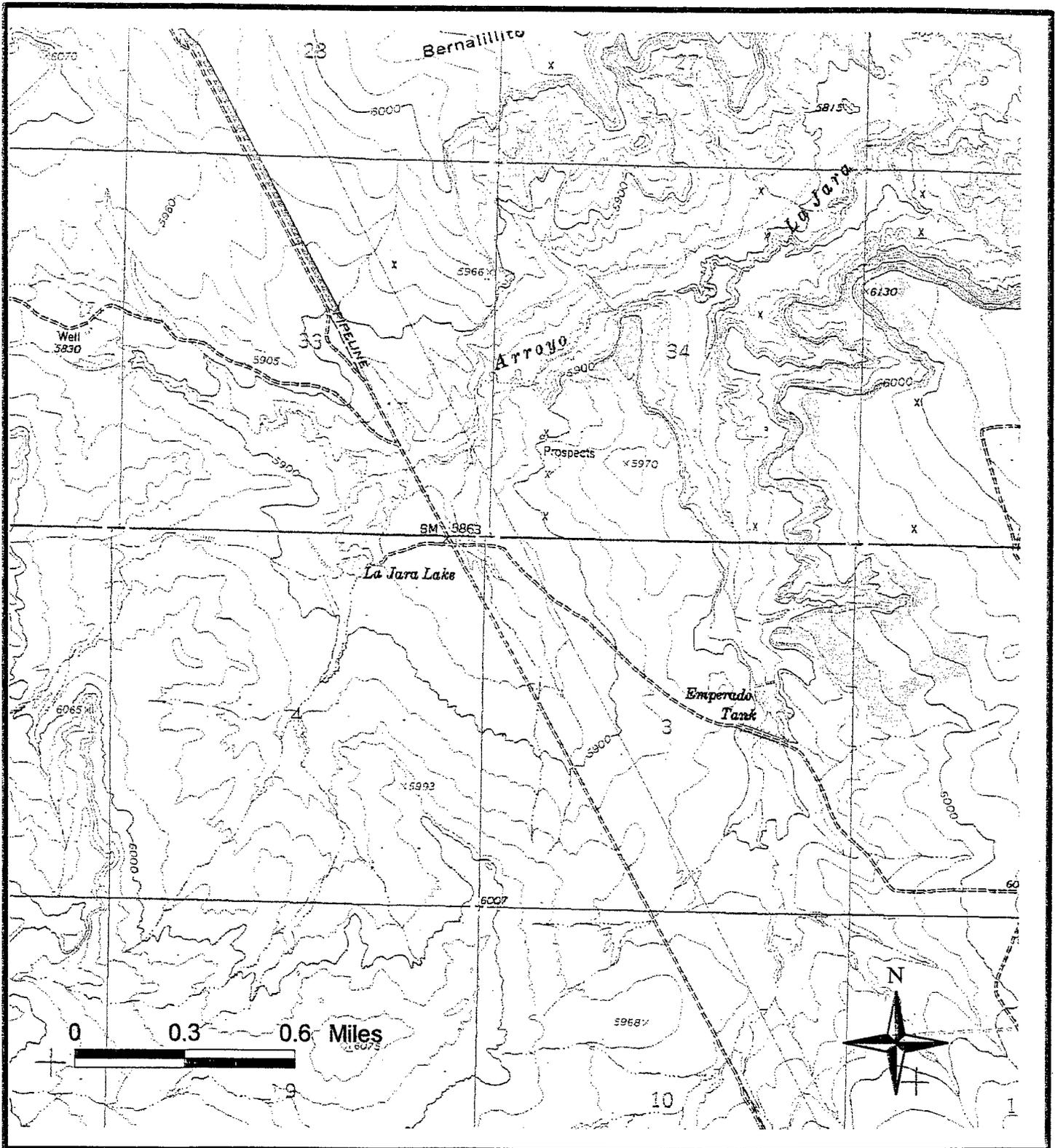


FIGURE 1.4
PROJECT AREA
MAP

PUBLIC SERVICE COMPANY OF NEW MEXICO
CABEZON LOOP PIPELINE PROJECT
TOWNSHIP 15N, RANGE 1W & SECTION 33 EOL

Township 15 North, Range 1 West, Ojo Del Espiritu Santo Grant, Projected Section 7, Sandoval County;

Township 15 North, Range 1 West, South of Grant Line, Sections 7, 18, 17, 20, 29, 28, and 33, Sandoval County.

The proposed project is located entirely in the New Mexico Principal Meridian (NMPM).

1.6.3 Project Construction

Pipeline construction would begin at the north end of the proposed project at the Rio Puerco North valve setting. A complete set of survey plats is included as Attachment A to the POD provided in Appendix B.

Approximately 100% of the proposed project would parallel an existing pipeline corridor. Areas newly disturbed would be brush-hogged and not bladed, except in ditch line, drainages, and side hill areas where it would be necessary to blade. Table 1.1 provides a breakdown of land status footage and acreage affected by the proposed pipeline ROW.

Table 1.1 Land Status Pipeline Footage and Acreage (Permanent ROW and TUA). Cabezón Loop natural gas pipeline project. Public Service Company of New Mexico, 2001.

OWNERSHIP	ROW FEET	PERMANENT ROW IN ACRES	TEMPORARY USE AREA IN ACRES
Bureau of Land Management	74,300	85.28	42.64
TOTAL	74,300	85.28	42.64

This EA assesses the proposed action as if the entire 50-foot ROW and the 25-foot TUA were to be disturbed during construction. No additional TUAs, other than the 25-foot TUA for the length of the pipeline, have been identified for the project. The BLM would issue permits for any additional TUA required for the project on BLM administered land.

The total maximum surface disturbance from the proposed project would be approximately 127.92 acres. Upon receipt of the ROW grant from BLM/AFO, the Nationwide 404 Permit #12 from the COE, and submittal of the SWPPP to the EPA, construction of the Cabezón Loop natural gas pipeline project would commence. Construction is scheduled to begin March 11, 2002 and conclude by May 30, 2002 if this proposed project is approved. One New Mexico construction company would be contracted to install the 24-inch pipeline. It is anticipated that construction would take approximately 80 days.

As previously mentioned, a 25-foot TUA has been requested for the entire length of the proposed pipeline. No other TUAs have been applied for by PNM. PNM retains the right to apply for additional TUA from the BLM for the proposed project.

The following sections provide a summary of PNM's POD for the proposed project. Project specific stipulations and mitigation measures are described in the POD in Appendix B.

General Pipeline Construction

In general, construction would normally be constructed over many miles in different stages but in continuous progression, and follow the sequence listed below:

1. Right-of-way crews clear and prepare the work area ahead of ditching crews.
2. Ditching crews excavate the ditch to 7 feet deep and 3-8 feet in width. Ditches would be dug with either a track hoe, a ditching machine and/or with a rock saw ahead of pipe crews.
3. Pipe trucked to site from the Bernalillo/Albuquerque rail yard would be strung (placed on skids next to the ditch) ahead of the engineering and bending crews. The pipe would be bent where appropriate (curves in the ditch and over and under bends) and then welded together. After welding the pipe, the welds would be inspected and would have 100% x-ray. Once the pipe is inspected and x-rayed, tape and coating would be placed on the welds. The pipe is then lowered into the ditch and placed on sandbags or a sanded bed by using side-booms and track-hoes. The pipeline is shaded (partially backfilled) by a padding machine and pressure tested with water (hydrostatic testing) to ensure there are no leaks. After the pipeline is tested, it is de-watered into a discharge pond and allowed to evaporate. The pipeline is then backfilled with at least 5-feet of soil cover.
4. Cleanup crews completely close the ditch, re-contour to as near original condition as possible, and prepare the ROW for reseeding.
5. The ROW would then be reseeded with the designated BLM/AFO seed mix which for this proposed project would be the Grassland Vegetation Type (Sagebrush Draws, see specific seed species mix in the reclamation portion of the POD).

The sequence in which the proposed pipeline would be constructed at any one time would be determined by the construction contractor. Crews and equipment would be concentrated in any given area for two to five days at a time, in order to lay the pipe as soon as possible after the ditch has been opened up.

Bladed Road Crossings

Approximately 17 two track or bladed roads would be crossed by the proposed action. For the proposed pipelines, trenches would cut the bladed roads to a minimum depth of approximately seven feet, to allow for five feet of pipeline cover. Construction across the roads would generally be completed in advance of other pipeline construction activities, and the joint of pipe used in the road crossings would be connected to the transmission line system as the pipeline approaches from either side. Interruption of the flow of traffic would be limited to the time necessary to cut the trench, place the pipe, and backfill the trench. Appropriate warning signs would be placed on the road to notify the public of the construction areas. Bladed road crossings would normally be

completed within one to two days. No additional TUAs would be needed to cross roads.

Rio Puerco River Crossing

The Rio Puerco River crossing would be accomplished in accordance with the construction plan as approved by the COE for the CWA Nationwide 404 #12 Permit. The Section 404 Nationwide Permit #12, 401 Certification, and construction plan are located in Appendix C of this EA.

Wash Crossings

Wash crossings would be done in accordance with specific state and federal regulations. The permitting and regulatory control dealing with pipeline crossings of washes (headwaters) of the United States is administered by the COE. A Section 404 Nationwide Permit #12 has been received from the COE for the proposed project. Approximately 5 washes cross through the project area and are associated with eight major named and unnamed drainage areas or shallow canyons. The major named drainage areas are the Rio Puerco River, Arroyo Ojitos, Arroyo Armiento, Arroyo Corrales, Arroyo Cucho, Arroyo Bernalillito, Marquez Wash, and Arroyo La Jara. The permitting process to protect water resources authorizes the use of material for backfill or bedding for utility lines. Utility lines are exempt from individual permit requirements as long as the conditions and management practices stipulated in the Nationwide Permit are met. The COE may add site-specific stipulations to Nationwide Permit requirements. All equipment entering washes would be cleaned and inspected for leaks (oil, fuel, hydraulic fluid, and coolant) and repaired, as necessary. Crossings would be completed as quickly as possible; wash banks would be stabilized and reseeded as soon as possible as practical following construction.

Hydrostatic Testing

Hydrostatic testing would be conducted on segments of the pipeline that cross roads, washes, and at valve assemblies to ensure structural integrity prior to being placed in service. Fresh water would be acquired from a BLM approved source and would be trucked to the project site. After completion of the test, test water will be disposed of in compliance with New Mexico Oil Conservation Division (NMOCD) regulations concerning the discharge of hydrostatic test water. PNM will apply in January 2002 to the NMOCD for a general permit to discharge hydrostatic test waters into a discharge pond located on PNM fee title land adjacent to the Cabezon Compressor Station. Hydrostatic test water will not be discharged into drainages (e.g. washes, etc.). If needed, a temporary containment/settling pond may be constructed using visqueen and hay bales (certified weed free) on a flat upland area within the proposed ROW. Test water will be allowed to percolate through the hay bales separating out solids from the test water and minimizing the velocity of water coming into contact with the land. The containment structure materials will be removed from the site when the water has entirely drained and the surrounding ground is dry. After the pipe is buried in the ditch, the entire pipeline would be pressure tested using fresh water. The pipeline would be hydro-tested between 1500-1600 psig for the expected operating pressure of 600 pounds psig, with a design pressure of 1000 psig.

Temporary Use Area (TUA)

PNM has requested a 25-foot TUA for the entire length of the proposed pipeline. The acreage