HITP - _11_

GENERAL CORRESPONDENCE

YEAR(S): _2010_

KLEINFELDER
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DOCUMENT TRANSMITTAL FORM

TO:	Mr. Brad Jones New Mexico Energy, Minerals, and Natural Resources Department 1220 St. Francis Drive Santa Fe, NM 87505	PAGE	1	OF	1
		TRANSMITTAL DATE:	04/07/10		
		TRANSMITTAL DCN:	83107.4-ALB10TS003		
RETURN RESPONSES/COMMENTS TO:	David Janney				
RETURN RESPONSES/COMMENTS BY:					

RECEIVED OCD
2010 APR -8 A 10: 54

PROJECT NO.:	83107	PROJECT NAME:	NM Pipeline Hydrostatic
ACTIVITY/DESCRIPTION:	NOI		

DOCUMENTS BEING TRANSMITTED

ITEM	REV.	PAGES	DATE	DESIGNATOR
Submittal of a Notice of Intent (NOI) to Perform a Hydrostatic Test Pipeline Number 3201 San Juan County, New Mexico	0		04/07/10	83107.4-ALB 10LT001

INSTRUCTIONS/REMARKS

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- ☐ Maintain as controlled copy
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RECEIPT AND READ ACKNOWLEDGEMENT
Please Sign and Return To:

ADMINISTRATIVE SUPERVISOR
8300 JEFFERSON NE SUITE B
ALBUQUERQUE, NM 87113

CLIENT RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete & Return this page via Fax/Mail/Email			

KLEINFELDER RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete this section upon receipt from client			

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April 7, 2010
File No. 83107.4-ALB10LT001

Mr. Brad Jones, Environmental Engineer
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Subject:

Discharge of Hydrostatic Test Water, Pipeline Number 3201,
NOI and Documentation of Public Notice
San Juan County, New Mexico

Dear Mr. Jones:

On behalf of the El Paso Natural Gas Company (EPNG), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit the following documentation of public notice:

- A hard copy of the complete NOI; and
- Photographs of public notice postings.

Should you have any questions, please feel free to contact David Janney or Marco Wikstrom (Kleinfelder) at (505) 344-7373, or Richard Duarte (EPNG) at (505) 831-7763.

Respectfully submitted,
KLEINFELDER WEST, INC.

David Janney, PG
Project Manager

Reviewed by:

Paul Fensterer
Vice President

C: Mr. Ricardo Duarte, El Paso Natural Gas

8300 Jefferson NE, Suite B, Albuquerque, NM 87113 **p** | 505.344.7373 **f** | 505.344.1711

KLEINFELDER
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January 7, 2010
File No. 83107.4-ALB09RP001

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Subject: Submittal of a Notice of Intent to Perform a Hydrostatic Test
Pipeline Number 3201
San Juan County, New Mexico

Dear Mr. Jones:

On behalf of the El Paso Natural Gas Company (EPNG), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit this Notice of Intent (NOI) for a hydrostatic test of the 3201 Pipeline. EPNG is intending to dispose of the used hydrostatic test water into a Class 1 injection well therefore; no surface discharge of hydrostatic test water is planned.

As required by US DOT Pipeline and Hazardous Materials Safety Administration regulations, EPNG is planning to conduct pipeline reconditioning work on its 20-inch 3201 pipeline near Farmington, New Mexico in mid to late February 2010. EPNG will be hydrostatically testing approximately 8,560 feet of used and new pipe on this pipeline.

Kleinfelder has included the required information for the NOI as stated in the "Guidelines for Hydrostatic Test Dewatering" Dated January 11, 2007. Attached to this NOI are the following:

- Background Information;
- Notice of Intent Plan;
- Figure 1, EPNG 3201 Pipeline Undergoing Hydrostatic Test;
- Figure 2, Temporary Frac-Tank Staging Location, Hydrostatic Test Water;
- Figure 3, Temporary Frac-Tank Staging Location, Cleaning Solution;
- Appendix A, Material Safety Data Sheets for N-Spec 120 Cleaner;
- Appendix B, Certification of Siting Criteria;
- Appendix C, Copy of Email from the New Mexico Abandoned Mine Lands Program;
- Appendix D, Federal Emergency Management Administration Flood Insurance Rate Maps;
- Appendix E, List of Landowners within 1/3 mile of the Pipeline Segments undergoing hydrostatic testing;
- Appendix F, Map of Landowners within 1/3 mile of the Pipeline Easement; and
- Appendix G, Public Notice text in Spanish and English

A check in the amount of $100.00 to cover the filing fee is included with this filing. As deemed necessary by the NMOCD, public notice will be posted in accordance with Subsections A, B,

8300 Jefferson NE, Suite B, Albuquerque, NM 87113 p | 505.344.7373 f | 505.344.1711

and C of NMAC 20.6.2.3108 at the frac-tank staging areas (Figures 2 and 3), the Farmington, New Mexico Post Office, and published in the Farmington Daily Times newspaper.

Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based on our understanding of the information provided by EPNG. The work performed was based on project information provided by EPNG.

Should you have any questions, please feel free to contact David Janney or Marco Wikstrom (Kleinfelder) at (505) 344-7373, or Richard Duarte (EPNG) at (505) 831-7763.

Respectfully submitted,
KLEINFELDER WEST, INC.

David Janney, PG
Project Manager

Reviewed by:

Kerry Ruebelmann, MS
Regional Manager

KLEINFELDER 8300 Jefferson NE Suite B Albuquerque, NM 87113 p [505 344 7373 f [505 344 1711

Background Information

- The EPNG Pipeline number 3201 is an existing 20-inch (outside diameter) natural gas pipeline that has been in service since 1953.
- This transportation pipeline is part of a network that transports natural gas (sweet and dry) that is suitable for immediate consumer use.
- Based upon recent experience with the NMOCD, EPNG understands that the water used for cleaning and testing this pipeline system is generally classified as non-exempt RCRA waste and is subject to the Water Quality Control Commission (WQCC) Regulations.

Notice of Intent Plan

On behalf of EPNG, Kleinfelder is submitting this NOI plan as outlined in NMOCD Guidance document, "Guidelines for Hydrostatic Test Dewatering," (revised January 11, 2007). The NOI plan includes the following items:

Item a. Name and address of the proposed discharger;

Legally Responsible Party	Sam A. Armenta, Director El Paso Natural Gas Company Albuquerque Division 8725 Alameda Park Dr. NE Albuquerque, NM 87120
Local Representative	Richard Duarte (505) 831-7763 El Paso Natural Gas Company 8725 Alameda Park Dr. NE Albuquerque, NM 87120
Operator	
Physical Address	El Paso Natural Gas Company San Juan Area Office #81 County Road 4900 Bloomfield, NM 87413
Mailing Address	El Paso Natural Gas Company San Juan Area Office P.O. 127 Bloomfield, NM 87413

Item b. Location of the discharge, including a street address, if available, and sufficient information to locate the facility with respect to surrounding landmarks;

The location of the portions of the 3201 pipeline to be hydrostatically tested is shown on figure 1. The segment of 3201 pipeline that will be hydrostatically tested is immediately west of the Animas River and within the City of Farmington and goes east of County Road 3000 by

approximately 1-1/4 –mile. Approximately 7 frac-tanks will be located 700 feet southwest of the intersection of Gila Street and English Road within EPNG owned property along the 3201 Pipeline. Coordinates for this location are Latitude 36° 45' 25.64" North, Longitude 108° 08' 58.29" West.

Prior to the hydrostatic test, the pipeline will be cleaned to remove oil residue and other trace contaminants. The segment will generate water (RCRA non-exempt) subject to regulation by the WQCC. There will be a small volume of water mixed with pipe cleaning liquid (N-Spec 120, see Appendix A for material safety data sheet). The volume of cleaning solution is estimated to be 1,000 gallons. The source of water mixed with the pipe cleaning liquid will be public utility drinking water from the City of Farmington.

The pipe cleaning solution will be used to clean the entire 3201 pipeline, mile post (MP) 0 to MP 22 and will be stored at EPNG's Blanco Compressor Station (GW-49-0, Figure 3). After cleaning the pipeline, the cleaning solution will be moved from the pipeline directly into a frac-tank (stored within secondary containment), then transferred into tank trucks for transportation to a recycling facility.

The temporary frac-tank storage location for the cleaning solution will be:

Mile post 0 + 0000' is located at the discharge side of Blanco Compressor Station (south side of the station), County Road 4900, #81, Bloomfield, NM 87413. This is locally known as "gasoline alley" road. Coordinates for this location are Latitude 36° 43' 44.55" North, Longitude 107° 57' 40.12" West. The temporary storage area is within the compressor station boundary. There will be one 21,000-gallon temporary tank with the water/N-SPEC mixture at this location and the liquid may be stored for up to two weeks. In the event that laboratory analysis or removal transportation is delayed, EPNG will request an additional two weeks of storage time. Every effort will be made to remove the liquid within two weeks. A 21,000-gallon tank is required to contain the high pressure discharge (above 850 pounds per square inch) and high flow rates utilized to drain the 3201 pipeline. The temporary frac-tank storage area at Blanco is shown on Figure 3.

The permitted recycling facilities that will be used for the cleaning solution are:

Mesa Environmental, a Division of Mesa Oil, Inc.
Corporate - 17300 Hwy 72, Arvada, CO 80007
Regional Processing Facility – 20 Lucero Road, Belen, NM 87002

Or,

Thermo Fluids Inc.
Corporate – 8925 E. Pima Center Pkwy, Suite 105, Scottsdale, AZ 85258
Local Office – 9010 Bates Road, SW, Albuquerque, NM 87105

After the pipeline has been cleaned, public utility drinking water from the City of Farmington, NM will be used to perform hydrostatic testing of the segment of the 3201 pipeline. The segment is as follows; from MP 12 + 1500 in Section 6, Township 29N, Range 12W, to MP 13 +4780 in Section 7, Township 29N, Range 12W (Figure 2). Approximately 140,500 gallons of water will be used for the hydrostatic test.

Upon completion of the hydrostatic test, EPNG will generate a second volume of water (RCRA non exempt) that may be subject to regulation: the hydrostatic test water. The test water will be initially transferred into clean portable frac-tanks (stored within secondary containment) and held

at one location (Figure 2). Due to an enhanced pipeline cleaning protocol EPNG believes that the hydrostatic test water may meet the WQCC standards for ground water with contaminant concentrations not exceeding levels listed in Subsections A, B, and C of NMAC 20.6.2.3103.

Item c. Legal description of the discharge location;

Introduction, removal, and storage of hydrostatic test water will occur in the staging area at the following location:

S/2 of Section 1, Township 29 North, Range 13 West, in San Juan County, New Mexico (See Figure 2)

Introduction, removal, and storage of cleaning solution will occur at the following location:

N/2 of the N/2 Section 14, Township 29 North, Range 11 West in San Juan County, New Mexico (See Figure 3).

Item d. Maps (site-specific and regional) indicating the location of the pipelines to be tested;

Figure 1 is a site-specific map showing topography, the pipeline sections undergoing test, and the hydrostatic test water staging area. Figure 2 is a larger scale site-specific map showing the hydrostatic test water storage location. Figure 3 is a larger scale site-specific map showing the pipeline cleaning solution storage location.

Item e. A demonstration of compliance to the following siting criteria or justification for any exceptions:

- ***i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;***
- ***ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain;***
- ***iii. Within, or within 500 feet of, a wetland;***
- ***iv. Within the area overlying a subsurface mine; or***
- ***v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.***

According to Mr. Mike McCown, EPNG's Cross-Functional Technician, evidence of the above listed features is present within the required radius limits of the proposed staging area of hydrostatic test water. Mr. McCown performed a site visit to look for the presence of watercourses, lakebeds, sinkholes, playa lakes, wells, wetlands, residences, schools, hospitals, institutions, mines and churches. According to Mr. McCown, some these items were observed within the specified distances listed under Item e. A Certification of Siting Criteria from Mr. McCown is attached in Appendix B.

A search for surrounding water wells was completed to satisfy a portion of this requirement. The New Mexico Water Rights Reporting System (NMWRRS, [iWaters]) database at the New Mexico Office of the State Engineer was used for this search, which was conducted on December 30, 2009. According to the search, a single water well may be located within 1,000 feet of the proposed cleaning solution storage area. This well, point of diversion number 1426,

is located in the SE/4, NW4, Section 14, Township 29N, Range 11W. It is unknown if this well is active, inactive, or abandoned. No water storage area will be located within 1,000 feet of a well head protection area.

Mr. Mike Tompson with the New Mexico Abandoned Mine Lands Program (505-476-3427) was contacted to assess the presence of abandoned subsurface mines in the vicinity of the water storage tank staging areas. According to Mr. Tompson, there is no record of abandoned subsurface mines in these areas. A copy of an email from Mr. Tompson is attached in Appendix C.

Federal Emergency Management Administration (FEMA) flood insurance rate maps were generated from the FEMA website to search for 100-year floodplains in the proposed hydrostatic test water and cleaning solution storage areas. According to the FEMA website no storage tank locations are within a floodplain. The FEMA flood insurance rate maps are attached under Appendix D.

Item f. A brief description of the activities that produce the discharge;

Pressure testing with water, known as hydrostatic testing, is one of the tools pipeline operators use to verify pipeline integrity. The test involves purging the natural gas from the pipeline, cleaning the pipeline with an aqueous, non-hazardous cleaning fluid, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for approximately nine hours. The purpose of hydrostatic testing in a pipeline is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. If leaks or breaks occur, the pipeline is repaired or the affected areas is replaced and then re-tested. The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Approximately 140,500 gallons of public utility water from the City of Farmington will be used for the hydrostatic test and pipeline cleaning.

Item g. The method and location for collection and retention of fluids and solids;

The approximately 1,000 gallons of N-Spec 120 cleaning solution used to clean the pipeline will be moved from the frac tank via hoses and/or flexible pipe and routed directly to the pipeline at the Blanco compressor station (Figure 3).

After cleaning the pipeline, the entire volume of N-Spec 120 cleaning solution will be transferred back into the frac tank and a pre-disposal composite sample will be collected and submitted to an EPA-approved analytical laboratory for waste characterization, including analysis for corrosivity, ignitability, reactivity, and toxicity, and/or other characterization as required by Mesa Environmental or Thermo-Fluids (see contact information under Item b.).

The approximately 140,500 gallons of water used for hydrostatic testing of the 3201 pipeline will be removed from the pipeline via hoses and/or flexible pipe using drip pans under the connection points and stored in 7 frac-tanks with secondary containment at the hydrostatic test water storage area (Figure 2). When not in use, all individual tank valves will be closed and locked. Solids are not anticipated to be produced from the hydrostatic testing. EPNG also plans to have the frac-tank staging area under 24-hour security surveillance.

Item h. A brief description of best management practices to be implemented to contain the discharge onsite and to control erosion;

EPNG intends to discharge the hydrostatic test water in Class I disposal well. The water will be transported off the project site using DOT approved tanker trucks. No upland discharges are planned or intended.

Item i. A request for approval of an alternative treatment, use, and/or discharge location (other than the original discharge site), if necessary;

In the event that the hydrostatic test water is found to be unsuitable for down-hole injection, it will be treated by filtration through activated charcoal and/or other applicable media until it meets the NMOCD standards for down-hole injection and then discharged down-hole.

Item j. A proposed hydrostatic test wastewater sampling plan;

Analytical sampling for the hydrostatic test water will consist of one 6 or 7-point composite pre-test (depending on the number of frac-tanks used) sample collected from the municipal water stored in the frac-tanks and one 6 or 7 -point composite pre-disposal sample.

Analytical data from the pre-hydrostatic test water will be used as a baseline to determine if the water is suitable for use. Analytical data from the post-hydrostatic test water will be used to determine if the water is suitable for injection well disposal.

Prior to hydrostatic testing of the 3201 pipeline, the approximately 140,500 gallons of utility water will be transferred from the City of Farmington into frac-tanks located within EPNG's 3201 pipeline easement (See location information under Item c., and Figures 2 and 3). A single pre-test composite sample will be collected from these tanks and submitted to an EPA-approved analytical laboratory.

After the hydrostatic testing of the 3201 pipeline, the approximately 140,500 gallons of water will be transferred from the pipeline back into the same frac-tanks that were used to store the water. A single pre-disposal 7-point composite sample (one point from each tank) will be collected from these tanks and submitted to an EPA-approved analytical laboratory.

The pre- and post hydrostatic test water samples will be analyzed for the constituents outlined in Subsections A, B, and C of NMAC 20.6.2.3103. Analytical results of the pre-discharge sample will be submitted to the NMOCD with a recommendation for disposal of the hydrostatic test water into a Class 1 injection well.

Item k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from test exceeds the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

All fluids will be containerized, tested, and then transported for disposal as described under items i. and f. No solid waste is anticipated. In the event that the hydrostatic test water is found to be unsuitable for down-hole disposal, it will be treated by filtration through activated charcoal and/or other media as appropriate until it meets the NMOCD standards for injection into a Class 1 injection well. The injection well is operated by the Farmington office of Key Energy, their contact information is presented below.

Key Energy
5651 U. S. Highway 64
Farmington, NM 87401
Phone: (505) 327-4935

Following disposal characterization, the 1,000 gallons of cleaning solution used to clean the 3201 pipeline before hydrostatic testing will be transported off-site via DOT-approved tanker trucks for treatment and disposal by Mesa Environmental or Thermo-Fluids (see contact information under Item b.).

Item l. A brief description of the expected quality and volume of the discharge;

The hydrostatic test water will be tested in accordance with the guidelines noted in Item j. to assess if the constituent concentrations in the water meet, Subsections A, B, and C of NMAC 20.6.2.3103. Based on historical data collected from previous hydrostatic test events using similar cleaning techniques before introducing the test water, the quality of the water is expected to meet regulatory limits. The volume of the hydrostatic test water is expected to be approximately 140,500 gallons. It is intended for disposal in a Class 1 injection well.

Item m. Geological characteristics of the subsurface at the proposed discharge site;

Regional Features
The water storage location is within the north-central part of the San Juan Basin, a large asymmetric structural depression that contains Paleozoic and Mesozoic sediments up to 15,000 feet thick. The area is characterized by bedrock hillsides and mesas and Pleistocene gravel terraces of the San Juan and Animas Rivers.

Site Geology
The water storage areas are located on alluvium or the Nacimiento, Kirtland or Fruitland Formations. The alluvium in the water storage areas consists of fine to course sands, clays and varying combinations of the two. This alluvium was deposited by both fluvial and eolian action. The soils tend to be weak, compressible and moderately permeable. The thickness of alluvium ranges from less than 3 to more than 75 feet, and drapes the Nacimiento, Kirtland or Fruitland Formations (Stone, et. al., 1983).

Item n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge;

Regional Hydrogeology
Three ground-water systems are present in the Tertiary and younger sedimentary deposits in this portion of the San Juan Basin.

- Confined aquifers in Tertiary sandstone units.
- Unconfined (water table) aquifers in Tertiary sandstone units near outcrop areas.
- Unconfined (water table) aquifers in the Quaternary alluvium in or near river valleys and tributaries.

Local Groundwater Hydrology. Two groundwater regimes exist near the discharge sites:

1. Unconfined aquifers in the alluvium beneath the water storage areas; and
2. Unconfined sandstone aquifers in the Paleocene Nacimiento Formation or Cretaceous Kirtland or Fruitland Formations below the alluvium (Stone, et. al., 1983).

Groundwater in the vicinity of the discharge may be as shallow as six feet below ground surface in the alluvium or as deep as deep as 235 feet in the Nacimiento Formation (Stone, et. al., 1983).

Total dissolved solids concentration (derived from specific conductance) in the shallowest water affected by the discharge is between 960 and 3,840 milligrams per liter (iWaters, 2009).

Item o. Identification of landowners at and adjacent to the discharge collection/retention site.

Landowners of the collection/retention sites:

At Blanco Plant (for the cleaning solution retention) and at MP 12 + 1500 (hydrostatic test water staging area):

El Paso Natural Gas Company
2 North Nevada Ave.
Colorado Springs, CO 80903

Landowners along the EPNG right-of-way affected by the hydrostatic testing:

George E. Hutchison
R. D. Golding
Joe O. Campbell
George A. Greenwood
George A. McColm
D. & R. G. W. Railroad
B. E. Dustin
Elbie S. Evans
United States of America (Bureau of Land Management)

Landowners within 1/3-mile of the pipeline easement:

This landowners list is provided in Appendix E and a map showing the locations of these landowners is provided in Appendix F. EPNG it will provide all affected landowners with a brief description of the work involved.

As deemed necessary by NMOCD, a public notice will be posted in accordance with Subsections A, B, and C of NMAC 20.6.2.3108 at the frac-tank staging areas (Figures 2 and 3), the Farmington, New Mexico Post Office, and published in the Farmington Daily Times newspaper. Copies of the English and Spanish versions of the public notices are presented in Appendix G. EPNG it will provide all affected landowners with a brief description of the work involved.

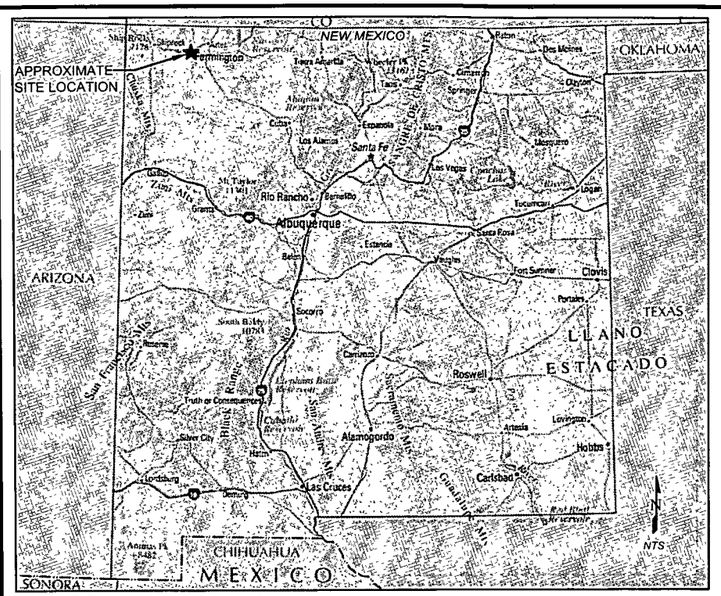
References

Geological, hydrological, hydrogeological, and depth/quality of groundwater information obtained from the EPNG, July 1999, Blanco Discharge permit application.

iWaters Database search, December 2009, New Mexico Office of the State Engineer

Stone, W., Lyford, F., Frenzel, P., Mizell, N., and Padgett, E. 1983, Hydrology and Water Resources of the San Juan Basin, New Mexico, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

FIGURES



SOURCE: Base map provided by *nationalatlas.gov.*

SOURCE: Topo map created from mapcard.com.

LEGEND

▬ APPROXIMATE EPNG 3201 Pipeline

▭ APPROXIMATE HYDROSTATIC TEST LOCATION

▨ APPROXIMATE HYDROSTATIC TEST WATER FRAC TANKS LOCATION

⚑ APPROXIMATE MILE POST MARKERS

★ APPROXIMATE SITE LOCATION

NOTE:

EPNG 3201 Pipeline recreated from 03201.00-003.20.dwf from EPNG.

N

800 0 400 800 ft

APPROXIMATE SCALE: 1 inch = 800 feet

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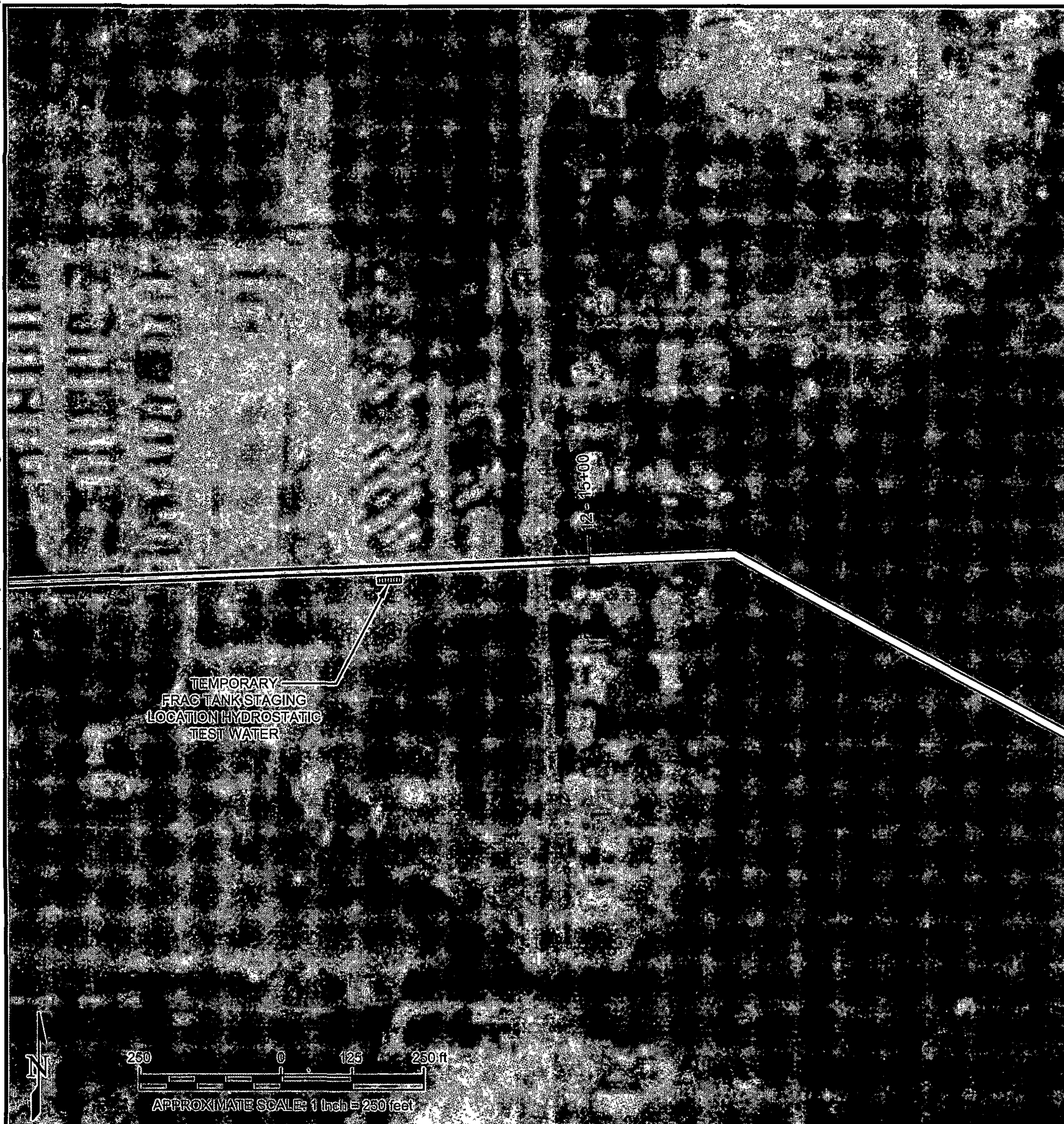
PROJECT NO. 83107	**EPNG 3201 PIPELINE UNDERGOING HYDROSTATIC TEST**		FIGURE
DRAWN: DEC 2009	EPNG - 3201 PIPELINE HYDROSTATIC TEST SAN JUAN COUNTY FARMINGTON, NEW MEXICO		1
DRAWN BY: PD			
CHECKED BY: MW	ORIGINATOR: M. WIKSTROM	DRAWING CATEGORY: 1	
FILE NAME: 83107_3201_01.dwg	APPROVED BY:		

CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\83107 - EPNG NM Pipeline Hydrostatic Discharge Plans\4.0 Technical Information\Task 4-3201 LAYOUT: Layout1
ALBUQUERQUE, NM
ATTACHED XREFS:



SOURCE: Aerial map created from mapcard com, 1997

LEGEND

APPROXIMATE EPNG 3201 Pipeline

APPROXIMATE HYDROSTATIC TEST LOCATION

APPROXIMATE HYDROSTATIC TEST WATER FRAC TANKS

NOTE
EPNG 3201 Pipeline recreated from 03201 00-003 20 dwf from EPNG

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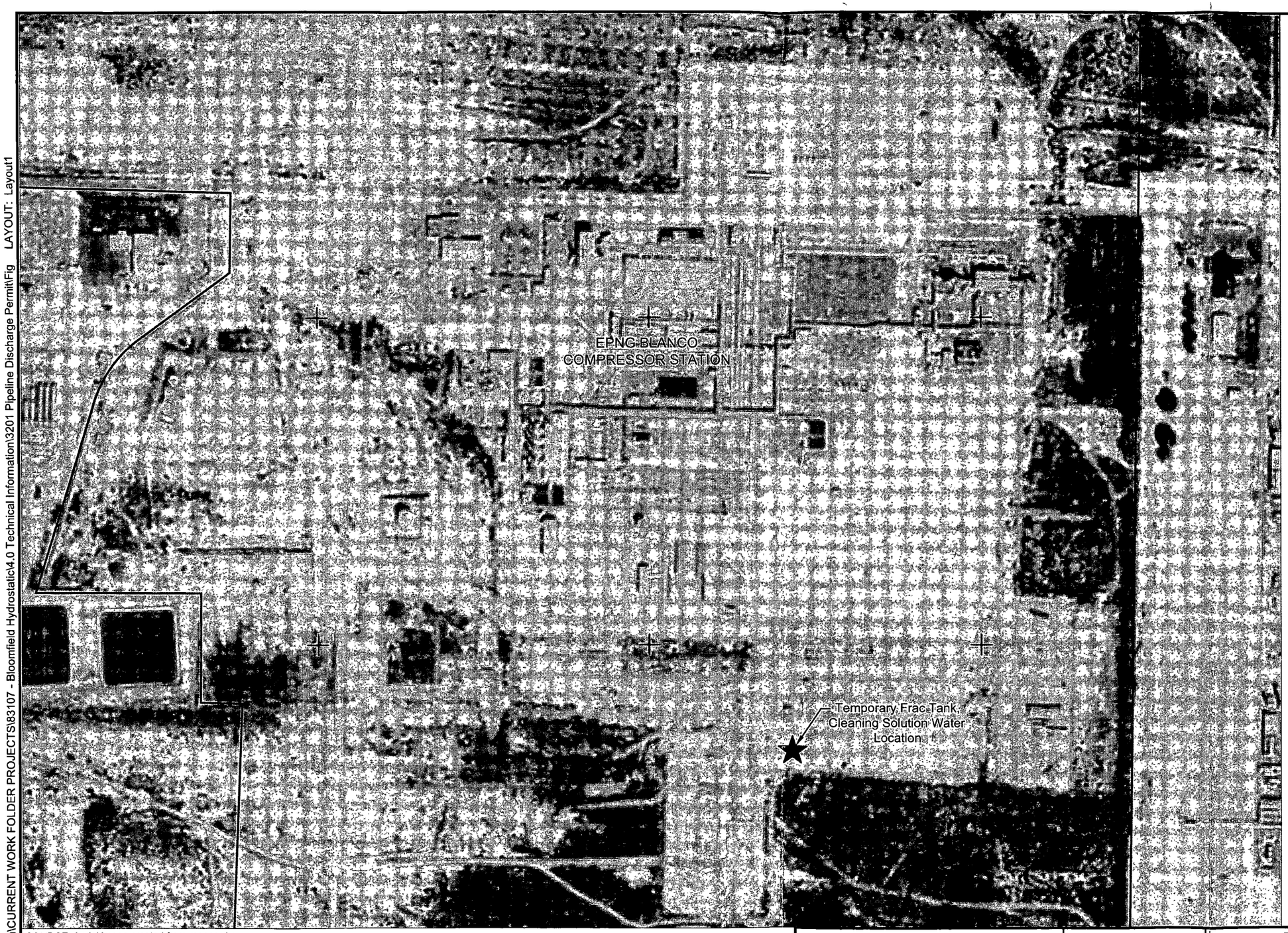
PROJECT NO. 83107	**TEMPORARY FRAC TANK STAGING HYDROSTATIC TEST WATER LOCATION**		FIGURE
DRAWN: DEC 2009	EPNG 3201 HYDROSTATIC TEST SAN JUAN COUNTY FARMINGTON, NEW MEXICO		**2**
DRAWN BY: PD			
CHECKED BY: MW	ORIGINATOR: M WIKSTORM	DRAWING CATEGORY: 1	
FILE NAME: 83107_3201_01.dwg	APPROVED BY:		

ATTACHED IMAGES: Images: 4 1000.jpg Images: New Mexico State Map.bmp Images: page 2 sta 40+33.JPG Images: Sta 40+33 matchline.JPG Images: Topo.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\83107 - EPNG NM Pipeline Hydrostatic Discharge Plans\4.0 Technical Information\Task 4-3201 LAYOUT: Layo



LEGEND

★ TEMPORARY FRAC TANK, CLEANING SOLUTION WATER LOCATION

APPROXIMATE PROPERTY BOUNDARY

N

250 0 125 250 ft

APPROXIMATE SCALE: 1 inch = 250 feet

SOURCE: Aerial image created from mapcard.com.

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PROJECT NO.	83107
DRAWN:	DEC 2009
DRAWN BY:	PD
CHECKED BY:	MW
FILE NAME:	83107_3201_03.dwg

TEMPORARY FRAC TANK STORAGE LOCATIONS

EPNG 3201 HYDROSTATIC TEST
SAN JUAN COUNTY
BLOOMFIELD, NEW MEXICO

ORIGINATOR: M. WIKSTROM
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE **3**

ATTACHED IMAGES: Images: mapcard_aerial.JPG
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\83107 - Bloomfield Hydrostatic\4.0 Technical Information\3201 Pipeline Discharge Permit\Fig LAYOUT: Layout1

APPENDIX A
Material Safety Data Sheets for N-Spec 120 Cleaner

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	**N-SPEC 120 Cleaner**
Supplier	Coastal Chemical Co., L.L.C. 3520 Veterans Memorial Drive Abbeville, LA 70510 337-893-3862
Synonym	Not available.
Trade name	Not available.
Material Uses	Not available.
Manufacturer	Coastal Chemical Co., L.L.C. 3520 Veterans Memorial Drive Abbeville, LA 70510 337-893-3862

Code	
MSDS#	Not available.
Validation Date	9/2/2004
Print Date	9/2/2004
Responsible Name	**Charles Toups**

In Case of Emergency Transportation Emergency Call
CHEMTREC 800-424-9300
Other Information Call
Charles Toups
337-261-0796

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Confidential infomation			

Section 3. Hazards Identification

Physical State and Appearance Liquid.

Emergency Overview

CAUTION!
MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Keep away from heat, sparks and flame. Avoid contact with eyes. Do not ingest. Avoid prolonged or repeated contact with skin. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of Entry Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Skin Irritation of the product in case of skin contact: Not available.
Hazardous in case of skin contact

Inhalation Hazardous in case of inhalation.

Ingestion Hazardous in case of ingestion.

Potential Chronic Health Effects

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Overexposure /Signs/Symptoms Not available.

See Toxicological Information (section 11)

Continued on Next Page

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	Not available
Auto-ignition Temperature	Not available.
Flash Points	Tested - No Flash present
Flammable Limits	Not available.
Products of Combustion	These products are carbon oxides (CO, CO2), sulfur oxides (SO2, SO3...).
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	Not available.

Section 6. Accidental Release Measures

Small Spill and Leak	The concentrated form of this material is a cleaner. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.
Large Spill and Leak	The concentrated form of this material is a cleaner. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.

Continued on Next Page

Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.
Storage	Keep container tightly closed and in a well-ventilated place.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	
Eyes	Safety glasses.
Body	Lab coat.
Respiratory	Wear appropriate respirator when ventilation is inadequate.
Hands	Impervious gloves.
Feet	Not applicable.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name	Exposure Limits
Confidential Infomation	

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Molecular Weight	Not applicable.
Molecular Formula	Not applicable.

Odor	Not available.
Taste	Not available.
Color	Blue. (Dark.)

pH (1% Soln/Water)	6 to 8 [Neutral.]
Boiling/Condensation Point	The lowest known value is 100°C (212°F) (Water). Weighted average: 140.43°C (284.8°F)
Melting/Freezing Point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -46.19°C (-51.1°F)
Critical Temperature	Not available.
Specific Gravity	0.9 to 0.98 (Water = 1)
Vapor Pressure	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 1.17 kPa (8.78 mm Hg) (at 20°C)
Vapor Density	The highest known value is 5.11 (Air = 1). Weighted average: 2.93 (Air = 1)
Volatility	Not available.
Odor Threshold	The highest known value is 34.6 ppm
Evaporation Rate	0.02 compared to Butyl acetate
VOC	Not available.

Viscosity	Not available.
$LogK_{ow}$	The product is much more soluble in water.
Ionicity (in Water)	Anionic.
Dispersion Properties	See solubility in water, methanol, diethyl ether.
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Insoluble in n-octanol.
Physical Chemical Comments	Not available.

Section 10: Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Not available.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids. Slightly reactive to reactive with reducing agents.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 11: Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): 1900 mg/kg [Rat]. Acute dermal toxicity (LD50): 9510 mg/kg [Rabbit].
Chronic Effects on Humans	No additional remark.
Other Toxic Effects on Humans	Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (irritant). Slightly hazardous in case of skin contact (sensitizer).
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract.

Section 12: Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.
	These products are carbon oxides (CO, CO_2) and water, nitrogen oxides (NO, NO_2...), sulfur oxides (SO_2, SO_3...), phosphates. Some metallic oxides.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.

Continued on Next Page

Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Consult your local or regional authorities.

Section 14. Transport Information

Shipping Description	Not a DOT controlled material (United States). Not regulated.
Reportable Quantity	11061.8 lbs. (5016.7 kg)
Marine Pollutant	Not regulated - Alkylaryl sulfonate amine salt - less then 10 % .
Special Provisions for Transport	Contains alkylbenzenesulfonate

Section 15. Regulatory Information

HCS Classification	CLASS: Target organ effects.
U.S. Federal Regulations	TSCA 8(a) PAIR: contains Alkylbenzenesulfonate SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
International Regulations	
EINECS	Not available.
DSCL (EEC)	Risk to eyes. May cause irriationby skin contact. R322- May be harmful if swallowed. R36/38- Irritating to eyes and skin.
International Lists	No products were found.
State Regulations	Pennsylvania RTK: Dipropylene glycol monomethyl ether; Trade Secret; Gylcol Ether PNB Florida: Dipropylene glycol monomethyl ether; Ethanol Minnesota: Dipropylene glycol monomethyl ether Massachusetts RTK: Dipropylene glycol monomethyl ether; Ethanol New Jersey: Ethanol; Gylcol Ether PNB **WARNING:** This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Ethanol

Section 16. Other Information

Label Requirements	MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Hazardous Material Information System (U.S.A.)

Health	*	1
Fire Hazard		0
Reactivity		0
Personal Protection		B

National Fire Protection Association (U.S.A.)

References	Not available.
Other Special Considerations	Not available.

Validated by Charles Toups on 9/2/2004.

Verified by Charles Toups.

Printed 9/2/2004.

APPENDIX B
Certification of Siting Criteria

1 Certification of Siting Criteria

Hydrostatic Testing of Line 3201

I, Michael Lee McCown, have performed a site visit to look for the presence of the items listed below. Some were observed within the specified distance for each item listed below from the edge of the pipeline right of way to site where the water storage tanks will be located at mile post 12 + 1500 on Line 3201 in San Juan County, NM. The hydro-test water will also be introduced to the pipeline at this site. A note beside each item below describes my observations.

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake; *NOTE: The actual Animas River is further than this distance.*

ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain; *NOTE: I will defer to the statement and research from our consultant, Kleinfelder. This information is included as part of the NOI.*

iii. Within, or within 500 feet of, a wetland; *NOTE: Yes, the Animas River's green belt will be within this distance.*

iv. Within the area overlying a subsurface mine; *NOTE: No.*

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church. *NOTE: Yes within approximately150 feet.*

On behalf of El Paso Natural Gas, I state that the above information is complete and true to the best of my knowledge.

Michael L. McCown
Michael Lee McCown
Senior Technician

12/30/09
Date

APPENDIX C
Copy of Email from the New Mexico Abandoned Mine Lands Program

Marco Wikstrom - RE: Abandoned Mines in Farmington

From: "Tompson, Mike, EMNRD" <Mike.Tompson@state.nm.us>
To: "Marco Wikstrom" <MWikstrom@kleinfelder.com>
Date: 12/30/2009 10:13 AM
Subject: RE: Abandoned Mines in Farmington

Marco,

I have no record on any abandoned mines in the three sections you mentioned. But just a reminder that there are many abandoned mines out there that we don't know about.

Hope this helps.

Mike Tompson
New Mexico Abandoned Mine Land Program
(505) 476-3427

From: Marco Wikstrom [mailto:MWikstrom@kleinfelder.com]
Sent: Wednesday, December 30, 2009 10:03 AM
To: Tompson, Mike, EMNRD
Subject: Abandoned Mines in Farmington

Mike,

We're doing another hydrostatic test in the Farmington area and need to know if there are any known abandoned mines in the following areas:

S-1, T-29N, R-13W

S-6, T-29N, R-12W

S-14, T-29N, R-11W

Thanks,
Marco

Marco Wikstrom
Staff Geologist
KLEINFELDER
mwikstrom@kleinfelder.com
(505) 344-7373 Office
(505) 344-1711 Fax

8300 Jefferson NE Suite B
Albuquerque, NM 87113

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Think environment!

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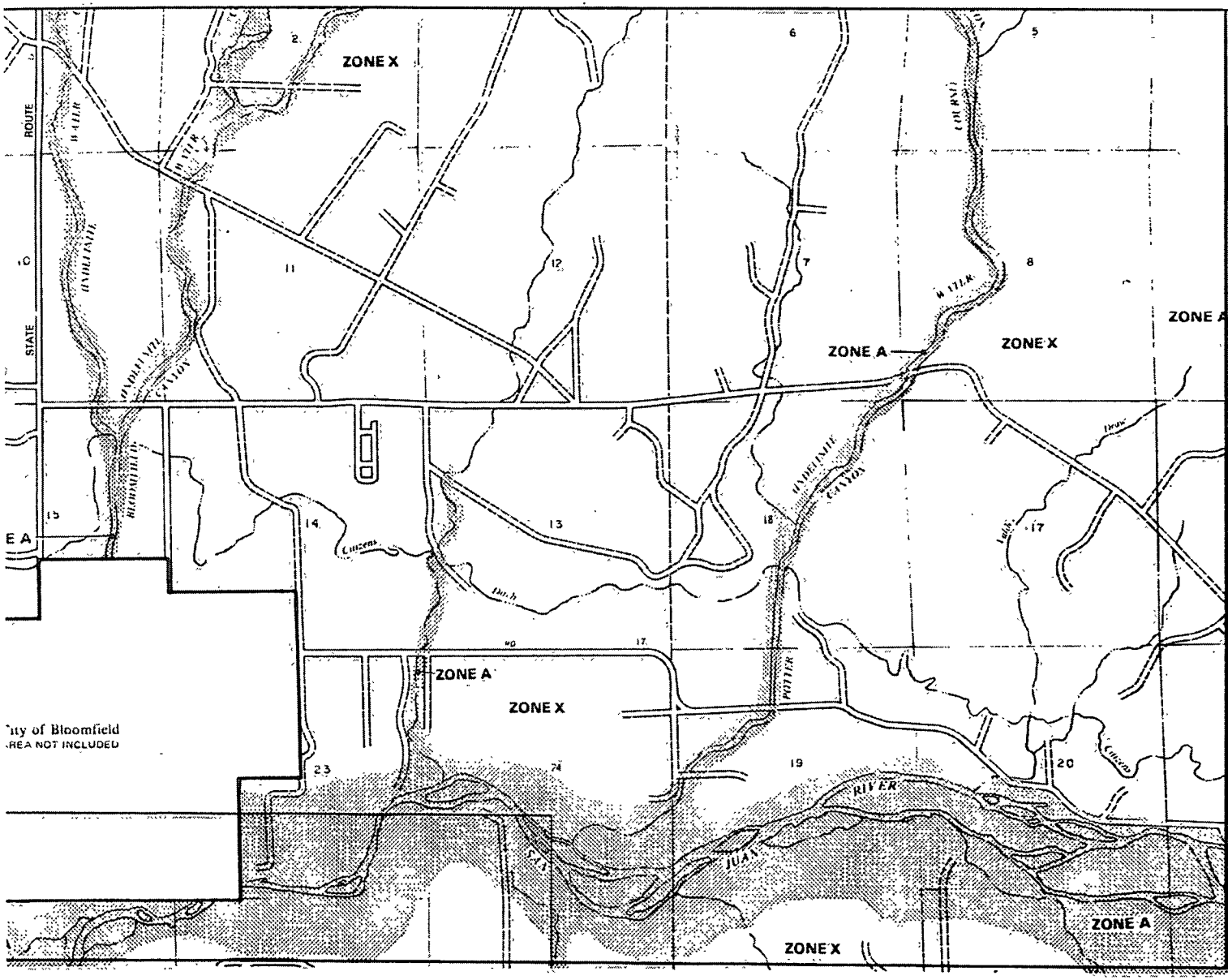
This email has been scanned using Webroot Email Security.

APPENDIX D
Federal Emergency Management Administration Flood Insurance Rate Maps



APPROXIMATE SCALE

2000 0 2000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

SAN JUAN COUNTY, NEW MEXICO

UNINCORPORATED AREAS

PANEL 550 OF 1450

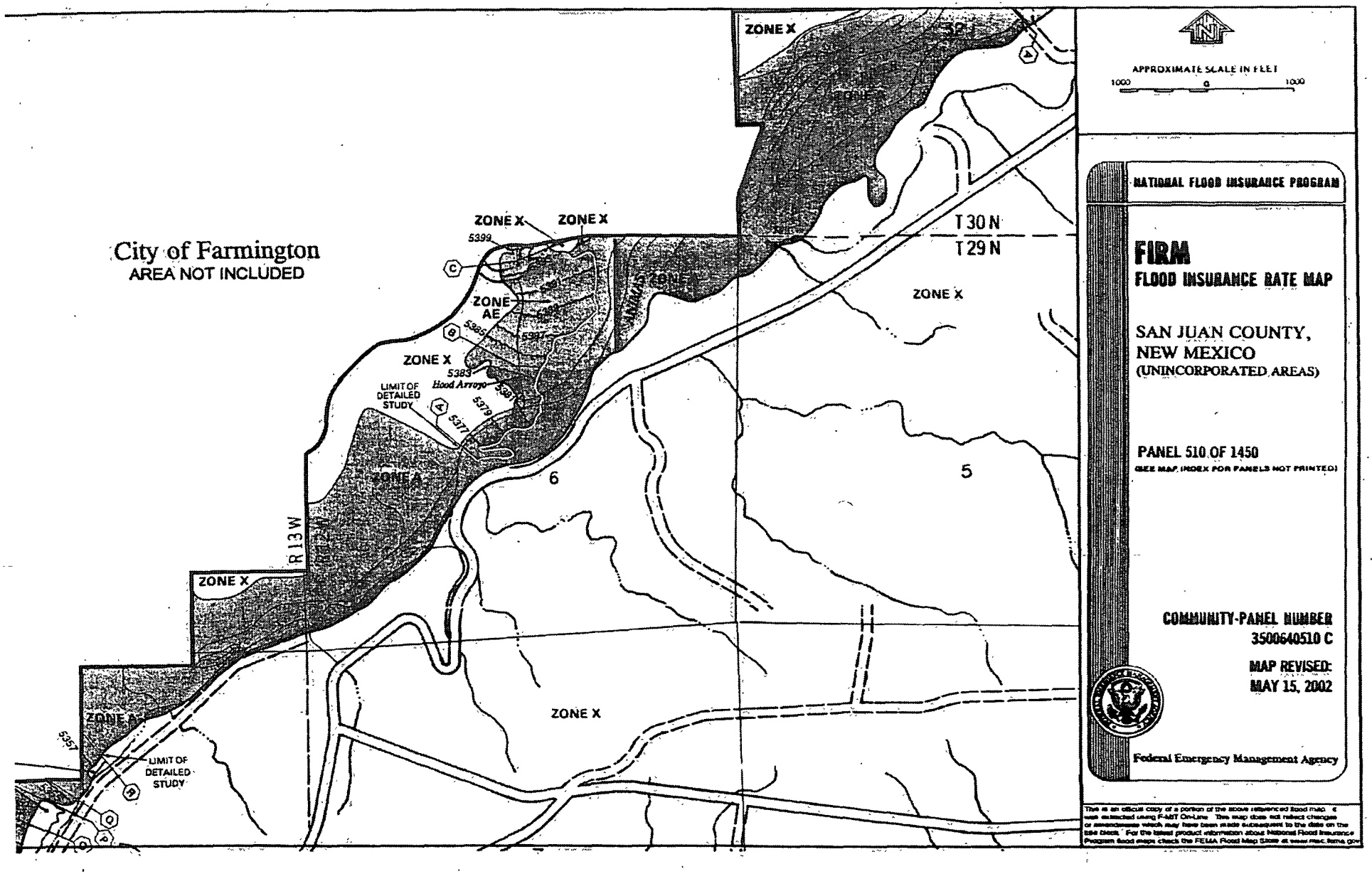
(SEE MAP INDEX FOR PANELS NOT PRINTED)

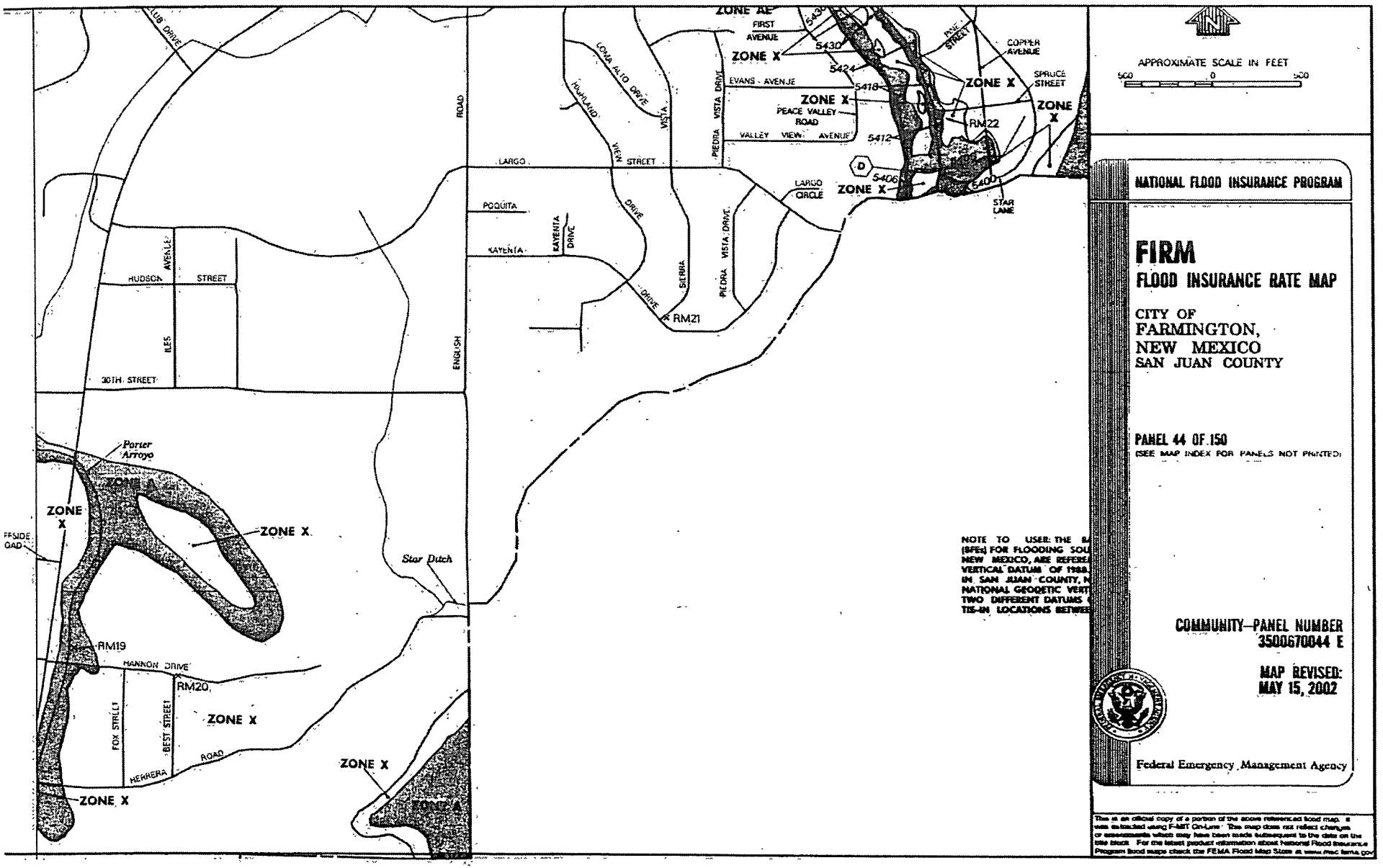
PANEL LOCATION

COMMUNITY-PANEL NUMBER
350064 0550 B

EFFECTIVE DATE:
AUGUST 4, 1988

Federal Emergency Management Agency


City of Farmington
AREA NOT INCLUDED
ZONE X
ZONE X
ZONE X
5399
ZONE AE
5385
5387
ZONE X
5383
Hood Arroyo
5381
5379
5377
LIMIT OF DETAILED STUDY
ZONE A
ZONE X
ZONE A
5351
LIMIT OF DETAILED STUDY
R 13 W
R 12 W
ANIMAS ZONE
T 30 N
T 29 N
ZONE X
6
5
ZONE X
APPROXIMATE SCALE IN FEET
1000
0
1000
NATIONAL FLOOD INSURANCE PROGRAM
FIRM
FLOOD INSURANCE RATE MAP
SAN JUAN COUNTY, NEW MEXICO
(UNINCORPORATED AREAS)
PANEL 510 OF 1450
(SEE MAP INDEX FOR PANELS NOT PRINTED)
COMMUNITY-PANEL NUMBER
3500640510 C
MAP REVISED:
MAY 15, 2002
Federal Emergency Management Agency
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



NOTE TO USER: THE BA
(BFEs) FOR FLOODING SOU
NEW MEXICO, ARE REFERE
VERTICAL DATUM OF 1988.
IN SAN JUAN COUNTY, N
NATIONAL GEODETIC VERT
TWO DIFFERENT DATUMS
TIE-IN LOCATIONS BETWEE

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
FARMINGTON,
NEW MEXICO
SAN JUAN COUNTY

PANEL 44 OF 150
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY–PANEL NUMBER
3500670044 E

MAP REVISED:
MAY 15, 2002

Federal Emergency Management Agency

APPENDIX E
List of Landowners within 1/3 Mile of the Pipeline Segments Undergoing Hydrostatic Testing

Landowners within 1/3 mile of the 3201 Pipeline undergoing hydrostatic testing

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2071172132330	DUGAN THOMAS A AND MARY E TRUST B	PO BOX 234	FARMINGTON, NM 874990234
2071172411415	TSUKII JUN AND KYOKO	5604 VILLA VIEW DR	FARMINGTON, NM 87402
2071172393416	LUPTON BEELER C TRUSTEES	131 RD 3950	FARMINGTON, NM 874011000
2071172349416	COMER FANNESSA R AND ROBERT A	PO BOX 791	FARMINGTON, NM 87499
2071172324416	MITCHELL JEFFREY ET UX	P O BOX 4569	HOUSTON, TX 77210
2071172299416	KEITH DONALD H AND SHIRLEY S TRUST	147 CR 3950	FARMINGTON, NM 87401
2071172223416	CHILDERS GERALD AND FARRAR CYDNEY	15334 TORTUGA CT	CORPUS CHRISTI, TX 784186947
2071172257470	DE FIELD ROBERTA I	156 CR 3950	FARMINGTON, NM 874011000
2071172306471	MILLS HARRY J AND KENNEDY PHILLIS A	146 RD 3950	FARMINGTON, NM 874011000
2071172334471	HAAN DANIEL E AND NANCY A	PO BOX 3135	FARMINGTON, NM 87499
2071172360471	BEELER GARY N AND TAMRA L TRUST	132 CR 3950	FARMINGTON, NM 87401
2071172387471	HARVICK ALBERT S ET UX	130 CR 3950	FARMINGTON, NM 87401
2072172034483	THOMAS GW TRUSTEES	9405 LAS CALABAZILLA RD NE	ALBUQUERQUE, NM 871112539

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173429 276	KERBY CONST CO INC	1025 NM 516	AZTEC, NM 874102821
2072173436 255	KERBY CONST CO INC	1025 NM 516	AZTEC, NM 874102821
2072172291 409	CHOHAMIN RONALD J	12550 CREEK CREST DR	RENO, NV 895117783
2073173105 236	WIMSATT REVOCABLE TRUST	4400 HANNON DR	FARMINGTO N, NM 874028718
2073173117 236	BAIRD STEPHEN J	4350 HANNON DR	FARMINGTO N, NM 874028716
2073173142 209	WU ALEXANDER JH AND MARTHA M ET AL	4307 HANNON DR	FARMINGTO N, NM 87402
2073173138 200	MILLER RALPH W TRUSTEES	P O BOX 2156	FARMINGTO N, NM 874992156
2073173118 206	CARMAN BOBBY V AND BETTY J TRUST	4306 HANNON DR	FARMINGTO N, NM 874028716
2073173101 206	WIMSATT REVOCABLE TRUST	4400 HANNON DR	FARMINGTO N, NM 874028718
2073173088 215	VARENHORST DONALD W TRUST	4501 HANNON DR	FARMINGTO N, NM 87402
2073173042 184	BURLINGTON RESOURCES OIL AND GAS	801 CHERRY	FORT WORTH, TX 76102
2073173042 184	BURLINGTON RESOURCES OIL AND GAS	801 CHERRY	FORT WORTH, TX 76102

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173067 247	HUFFMEYER JOHN AND JOYCE TRUST	4600 HANNON DR	FARMINGTO N, NM 874028722
2073173110 247	CLARK DARREL M ET UX	4500 HANNON DR	FARMINGTO N, NM 874018720
2073173132 247	OLGUIN PAUL S ET UX	4308 HANNON DR	FARMINGTO N, NM 874028716
2073173143 233	CARMAN BOBBY V AND BETTY J TRUST	4306 HANNON DR	FARMINGTO N, NM 874028716
2073173163 246	FERRARI REED J SR	1512 DIAMOND CIR	GALLUP, NM 23963
2073173191 247	WEBB MARLO L TRUSTEES	P O BOX 127	FARMINGTO N, NM 874990127
2073173178 300	WEBB MARLO L TRUSTEES	P O BOX 127	FARMINGTO N, NM 874990127
2073173096 302	KAIME FAMILY LLC	5007 MEAD LN	FARMINGTO N, NM 87402
2073173176 314	PENNINGTON PARTNERSHIP LTD	401 W BROADWAY	BLOOMFIEL D, NM 87413
2073173019 367	HOLT JAMES J ET UX	395 SHOOTER LN	IGNACIO, CO 81137
2073173046 367	URIBE ALBERTO O ET UXX	3701 MAJESTA ST	FARMINGTO N, NM 874024688
2073173057 367	KAIME FAMILY LLC	5007 MEAD LN	FARMINGTO N, NM 87402
2073173078 367	HOLLEY EDWIN AND HEIDI	2179 CR 526	BAYFIELD, CO 811229608

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173114359	GOLDING R D AND ROBERT D TRUST	1813 ZICKERT PL NW	ALBUQUERQUE, NM 87104
2073173126378	GOLDING JAMES M	4601 GILA ST	FARMINGTON, NM 87402
2073173173375	HALLIBURTON OIL WELL	P O DRAWER 1431	DUNCAN, OK 735360222
2073173175403	CORDELL CARL A ET UX	703 N VINE	FARMINGTON, NM 87401
2073173157406	XL CONCRETE COMPANY	3300 ILES ST	FARMINGTON, NM 874028614
2073173141406	LOPEZ JEFFERY J AND RENEE J	PO BOX 1891	BLOOMFIELD, NM 87413
2073173179412	CORDELL PAUL A	3313 N ILES AVE	FARMINGTON, NM 874018613
2073173157420	MONTANO PASQUAL B ET UX	3312 WASHINGTON AVE	FARMINGTON, NM 874018626
2073173141420	MONTANO PASQUAL B ET UX	3312 WASHINGTON AVE	FARMINGTON, NM 874018626
2073173157436	HAMILTON W G INTER VIVOS TRUST ETAL	1199 MAIN AVE STE 226	DURANGO, CO 81301
2073173141436	SANCHEZ ABRAN ET UX	3401 WASHINGTON	FARMINGTON, NM 874018627
2073173141451	HAMILTON W G INTER VIVOS TRUST ETAL	1199 MAIN AVE STE 226	DURANGO, CO 81301
2073173141451	HAMILTON W G INTER VIVOS TRUST ETAL	1199 MAIN AVE STE 226	DURANGO, CO 81301

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173066429	ENGLISH LAND CO	15648 COUNTY RD 250	DURANGO, CO 813018695
2073173141464	CHACON HARRY L	P O BOX 2120	FARMINGTON, NM 874992120
2073173066468	ENGLISH LAND CO	15648 CR 250	DURANGO, CO 813018695
2073173115468	ENGLISH LAND CO	15648 CR 250	DURANGO, CO 813018695
2073173016481	ENGLISH LAND CO	15648 CR 250	DURANGO, CO 813018695
2071172506158	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010158	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506171	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010179	HAVEN CHERYL M	29 CR 3934	FARMINGTON, NM 87401
2072172034180	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506184	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010194	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172034195	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172064197	CALL FAMILY LIVING TRUST	533 WEST 3000 SOUTH	BOUNTIFUL, UT 84010
2071172506197	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010208	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172034209	LOCKWOOD JULIETTE	32 RD 3935	FARMINGTON, NM 87401
2072172064210	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506210	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010222	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172034223	SMITH VERNON L ET UX	34 CR 3935	FARMINGTON, NM 87401
2072172064224	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172088224	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506223	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506236	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010235	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172034236	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172064238	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172088238	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506249	CONSTAR CO	42 CR 3934	FARMINGTON, NM 87401
2072172010249	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172034250	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172064252	JOHNSON ELIAS AND JEANNIE	39 CR 3935	FARMINGTON, NM 87401
2072172088252	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072173330132	DUSTIN ALMAN ET AL	1329 N ALICE LN	FARMINGTON, UT 840253710
2072172118260	HOWELL DIANA	47 CR 3937	FARMINGTON, NM 87401
2071172506262	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010263	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172034264	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172064265	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172088265	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172118269	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506268	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010270	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172034271	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172064273	VALDEZ BECKY M	43 CR 3935	FARMINGTON, NM 874011056
2072172088274	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172118283	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172136277	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506281	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010284	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172034285	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172064286	GOSNELL DEANNA	PO BOX 1618	FARMINGTON, NM 874991618
2072172088287	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172506294	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010298	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172033299	ATWELL KEITH R	46 CR 3935	FARMINGTON, NM 87401
2072172064300	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172088267	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172118307	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172134308	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172151309	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172030311	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172064314	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172504312	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172006316	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172129327	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172160328	TRAYER PHILLIP S	77 CR 3950	FARMINGTON, NM 87401
2072172029323	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172091326	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172064330	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172191338	SAN JUAN COUNTY	100 S OLIVER DR	AZTEC, NM 874102400
2072172094339	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172507337	TRUITT DONALD N	BOX 1073	FARMINGTON, NM 87499
2072172128341	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010243	BENALLY CLIFFORD D	P O BOX 6205	FARMINGTON, NM 87499

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172150344	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172033346	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172070351	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172205348	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172191352	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172172358	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172508351	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010355	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172096358	TERAN RAMIRO	9 CR 3940	FARMINGTON, NM 87401
2072172126364	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172069363	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172033362	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2071172505366	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010369	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172242384	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172229385	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172216385	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172204385	VILLALOBOS DAMIAN	12 CR 3939	FARMINGTON, NM 87401
2072172192385	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172180385	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172168385	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172156385	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172142384	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172111390	BENALLY JOANNE AND SMITH JAMES	91 CR 3950	FARMINGTON, NM 87401

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072172093384	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172064375	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172051382	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172038375	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172514378	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172010389	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172058410	KEMP PETER A	P O BOX 216	FARMINGTON, NM 874990216
2072172024411	JOHNSTON CAROLYN TRUST ESTATE	P O BOX 1432	FARMINGTON, NM 87499
2071172525407	AVERETT MICHAEL F	111 CR 3950	FARMINGTON, NM 87401
2071172374416	LUPTON FAMILY TRUST	131 CR 3950	FARMINGTON, NM 87401
2072172061435	FISKE VIRGIL L AND JACKI	102 ROAD 3950	FARMINGTON, NM 874021000
2071172248416	DINNING THOMAS M TRUSTEES	159 RD 3950	FARMINGTON, NM 874011000
2071172274416	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2071712436 452	BAXSTROM PATRICK J AND ELEANOR FAYE	114 CR 3950	FARMINGTON, NM 87401
2072172338 477	FREEMAN JAMES R AND SALLY ANN	1011 CR 3000	FARMINGTON, NM 874017936
2071172281 464	WOODS DENNIS J	150 CR 3950	FARMINGTON, NM 87401
2071172414 471	WELLS FARGO BK NEW MEXICO NA	PO BOX 13519	ARLINGTON, TX 76094
2071172436 476	BAXSTROM PATRICK J AND ELEANOR FAYE	114 CR 3950	FARMINGTON, NM 87401
2071172031 417	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2072172307 497	EWING PATRICIA L	1621 ROMA NE	ALBUQUERQUE, NM 871064514
2072172277 508	SIEDLECKI JOSEPH E	1009 CR 3000	FARMINGTON, NM 874017936
2072173401 025	CLARK CARRIE B	PO BOX 2125	FARMINGTON, NM 87499
2072173330 132	DUSTIN ALMAN ET AL	1329 N ALICE LN	FARMINGTON, UT 840253710
2072173440 046	PENOR ALBERT R ET AL	1036 CR 3000	FARMINGTON, NM 874017942
2072173403 087	SCHRITTER RAYMOND C	1024 CR 3000	FARMINGTON, NM 874017936
2072173508 104	ALLISON FAMILY TRUST	4803 HERRERA RD	FARMINGTON, NM 874018752

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173471110	ALLISON FAMILY TRUST	4803 HERRERA RD	FARMINGTON, NM 874018752
2072173421066	HEAD BILL W JR	1034 RD 3000 SP #E	FARMINGTON, NM 874017960
2072173506232	LAUGHTER DEWEY W TRUSTEES	715 N WALL	FARMINGTON, NM 874016089
2072173330132	DUSTIN ALMAN ET AL	1329 N ALICE LN	FARMINGTON, UT 840253710
2072173462198	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2072173462198	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2072173379239	LOS NINOS LIMITED PARTNERSHIP	P O BOX 2766	FARMINGTON, NM 874992766
2072173242249	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2072173518288	CHAVEZ MANUEL L	3002 ENGLISH LNS	FARMINGTON, NM 87401
2072173516299	CHAVEZ JOE F AND HELEN J	3004 1/2 ENGLISH RD	FARMINGTON, NM 87401
2072173514310	BEESON CURTIS L	3012 ENGLISH RD	FARMINGTON, NM 874018304
2072173394298	KEATON MICHAEL ET UX	5210 RAILROAD	FARMINGTON, NM 874015282

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173514319	CHRISTIANA BANK AND TRUST CO	3100 ENGLISH RD	FARMINGTON, NM 874028306
2072173383298	CHANDLER LARRY N ET UX	5301 RAILROAD AVE	FARMINGTON, NM 87401
2072173066462	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2072173108213	SIMMONS DAVE TRUSTEES	5416 VILLA VIEW DR	FARMINGTON, NM 87402
2072173372298	CHANDLER LARRY N ET UX	5301 RAILROAD AVE	FARMINGTON, NM 874015230
2072173046222	GARCIA MARTIN R ET UX	1103 CANYON PL	FARMINGTON, NM 874027038
2072173419321	TEDROW ROBERT	3101 MC COLM DR	FARMINGTON, NM 87402
2072173520344	MC DANIEL WILLIE H AND JOAN M	3200 ENGLISH LN	FARMINGTON, NM 87401
2072173505336	MC DANIEL WILLIE H AND JOAN M	3200 ENGLISH RD	FARMINGTON, NM 87401
2072173423349	STEWART ROY DON ET UX	3105 MCCOLM	FARMINGTON, NM 874015261
2072173372445	SANCHEZ ABRIANA L AND CHARLIE VALENTINO	3501 PIEDRA VISTA DR	FARMINGTON, NM 87402
2072173511372	HUFFMAN M J AND WILMA J	PO BOX 1283	FARMINGTON, NM 87499
2072173423366	MILLER ARNOLD D TRUSTEES	5109 CRITERION DR	FARMINGTON, NM 874025257

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173417366	COLE WJ ET UX	3115 MC COLM DR	FARMINGTON, NM 874025261
2072173478369	PATE ROBERT O ET UX	3220 ENGLISH RD	FARMINGTON, NM 87402
2072173436369	VANCE JOHN EDWARD JR	5100 CRITERION DR	FARMINGTON, NM 87402
2072173419386	KREIDLER CECIL AND SHARI	5190 CRITERION	FARMINGTON, NM 87402
2072173435382	VANCE JOHN EDWARD JR	5100 CRITERION DR	FARMINGTON, NM 87402
2072173478384	FROST HAROLD D	P O BOX 5993	FARMINGTON, NM 874995993
2072173511384	HOLLETT VERNON O ET UX	3380 ENGLISH RD	FARMINGTON, NM 874018310
2072173445394	PAUL ERVIN AND JIM CHERYL	3330 BURSON LN	FARMINGTON, NM 87402
2072173404399	SHEPARD OSCAR S ET UX	5200 RAILROAD DR	FARMINGTON, NM 874025256
2072173483401	BLACKWELL C T AND JENNIFER L	4945 LESLIE PL	FARMINGTON, NM 87402
2072173447402	MARSHALL STEVEN R AND JANIE S	3340 BURSON LN	FARMINGTON, NM 87402
2072173466401	HEPNER JEREMY DOUGLAS AND JILL A	PO BOX 5666	FARMINGTON, NM 87499
2072173475401	DRAKE MOREEN	4965 LESLIE PL	FARMINGTON, NM 874025360

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173387421	SHEPARD OSCAR S ET UX	5200 RAILROAD	FARMINGTON, NM 874025256
2072173490403	DRAKE KYLE A	4925 LESLIE PL	FARMINGTON, NM 874020000
2072173447409	SORRELHORSE JASON AND SANDRA S	3350 BURSON LN	FARMINGTON, NM 87402
2072173349390	J AND S OF AZTEC INC	912 HALLETT CIR	FARMINGTON, NM 87401
2072173512407	GRAVLEE HARMON C	3400 ENGLISH RD	FARMINGTON, NM 874028312
2072173447416	EDWARDS JAMES F III ET UX	3360 BURSON LN	FARMINGTON, NM 87401
2072173466416	DAVIS HERBERT LEE	4990 LESLIE PL	FARMINGTON, NM 87402
2072173475416	GURULE JOSEPH A AND MONICA	4970 LESLIE PL	FARMINGTON, NM 87401
2072173483416	FROST FREDERICK J AND VELDA MARIE	4950 LESLIE PL	FARMINGTON, NM 874020000
2072173490414	SIMPSON JASON A AND LAUREN	4930 LESLIE PL	FARMINGTON, NM 87402
2072173384364	SHEPARD OSCAR S ET UX	5200 RAILROAD	FARMINGTON, NM 874025256
2072173360416	J AND S OF AZTEC INC	912 HALLETT CIR	FARMINGTON, NM 87401
2072173447423	HOOVER SANDRA C	3370 BURSON LN	FARMINGTON, NM 87401

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173394 422	THORNTON EDNA F	5207 KAYENTA DR	FARMINGTON, NM 874025277
2072173386 423	MARTINEZ RAY H AND NIEVES	5209 KAYENTA DR	FARMINGTON, NM 874025277
2072173399 421	PEEPLES JAMES D	PO BOX 176	FLORA VISTA, NM 87415
2072173377 424	NATONI DONALD R	5211 KAYENTA DR	FARMINGTON, NM 874025277
2072173412 420	MASON STEPHEN M ET UX	5203 KAYENTA DR	FARMINGTON, NM 874025277
2072173490 426	LAMBSON BURL L AND SYLVIA R	4915 JANICE PL	FARMINGTON, NM 874028380
2072173369 426	SUGNET S LEELA TRUST	2259 CR 220	DURANGO, CO 81303
2072173515 423	3406 ENGLISH ROAD LLC	386 INGRASSIA RD	MIDDLETOWN, NY 109407244
2072173466 426	MILLER JOHN E AND LISA M	4975 JANICE PL	FARMINGTON, NM 87402
2072173475 426	HUGES JASON N AND DAWN A	4955 JANICE PL	FARMINGTON, NM 874028380
2072173482 426	RASCON EDWARD L ET UX	4935 JANICE PL	FARMINGTON, NM 874108380
2072173447 430	CLEMENSEN KEITH V AND KIM	3390 BURSON LN	FARMINGTON, NM 874028382
2072173494 429	PETERSON BRENT ETAL	4905 JANICE PL	FARMINGTON, NM 87402

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173419426	CHRISMAN KURT H ET UX	5201 KAYENTA DR	FARMINGTON, NM 874025277
2072173364430	DOUGHERTY WALTER R	3500 KAYENTA DR	FARMINGTON, NM 87401
2072173427405	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 87401
2072173312330	LOS NINOS LIMITED PARTNERSHIP	P O BOX 2766	FARMINGTON, NM 874992766
2072173327412	GROEN JASON AND SHANNON	P O BOX 5910	FARMINGTON, NM 87499
2072173359434	LEVIN SUSAN C	3502 KAYENTA DR	FARMINGTON, NM 874025232
2072173515434	LOVATO EMMA	3414 ENGLISH RD	FARMINGTON, NM 87402
2072173424433	BUMBY GEORGE ERNEST ET UX	P O BOX 2441	FARMINGTON, NM 874992441
2072173355439	WICHMAN CHRISTOPHER D AND JENNIFER C	8901 LAS CAMAS	ALBUQUERQUE, NM 87111
2072173398438	LOVETT JACK ET UX	3500 SIERRA VISTA	FARMINGTON, NM 874028353
2072173386438	HOUK KIMBERLAE AND ALAN TRUST	5202 KAYENTA DR	FARMINGTON, NM 87402
2072173377438	MARTINEZ GILBERT M ET UX	5204 KAYENTA DR	FARMINGTON, NM 874025278

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173429439	TELLER TRUDI	5105 KAYENTA DR	FARMINGTON, NM 87401
2072173466441	COX BRITTANY ETAL	4980 JANICE PL	FARMINGTON, NM 87402
2072173475441	SCOTT TAMI DIANE	4960 JANICE PLACE	FARMINGTON, NM 874028379
2072173481441	JAMES DAVID A AND CINDY S	4940 JANICE PL	FARMINGTON, NM 87402
2072173454440	EVERETT BRIAN K ET UX	3415 HIGHTLAND VIEW DR	FARMINGTON, NM 87402
2072173490442	SANCHEZ LONNIE AND ALICIA	4920 JANICE PL	FARMINGTON, NM 87402
2072173494439	FUSON ED AND RETA	P O BOX 5332	FARMINGTON, NM 87499
2072173345429	GROEN JASON AND SHANNON	P O BOX 5910	FARMINGTON, NM 87499
2072173515442	LOVATO EMILIA	3414 ENGLISH RD	FARMINGTON, NM 87402
2072173351444	MILLER ROY E ET UX	3506 KAYENTA DR	FARMINGTON, NM 874025232
2072173392444	JONES KURT DEAN	3502 SIERRA VISTA	FARMINGTON, NM 874028353
2072173445441	LEWIS ROGER W ET UX	3475 HIGHLAND VIEW DR	FARMINGTON, NM 874028322
2072173432444	PHELPS PERRY G AND ANN J TRUST	5103 KAYENTA DR	FARMINGTON, NM 87402
2072173346449	ALLISON JOHN V AND REYES MARITZA ALLISON	3508 KAYENTA DR	FARMINGTON, NM 87402

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173387 449	JONES PAUL E	3504 SIERRA VISTA	FARMINGTON, NM 874028353
2072173412 449	SAMPSON HARL ET UX	5104 KAYENTA DR	FARMINGTON, NM 874028367
2072173436 450	STUBBS STEVEN L ET UX	5101 KAYENTA DR	FARMINGTON, NM 874028366
2072173377 455	NORMAN ROY A ET UX	3503 PIEDRA VISTA	FARMINGTON, NM 874015247
2072173310 431	VALDEZ LARRY AND LAURA	5600 RAILROAD	FARMINGTON, NM 87402
2072173386 457	WILKES JAMES	P O BOX 4093	DURANGO, CO 81302
2072173343 455	NORVELLE NORMAN R	3510 KAYENTA DR	FARMINGTON, NM 874025232
2072173417 454	SHUPLA MONA G	5102 KAYENTA DR	FARMINGTON, NM 87402
2072173360 457	HUTCHENS RYAN S AND JENNIFER	808 E 24TH ST	FARMINGTON, NM 87401
2072173451 458	TOLEDO DUANE ET UX	3402 HIGHLAND VIEW DR	FARMINGTON, NM 874018323
2072173406 456	CHAVEZ LEONARD J	3503 SIERRA VISTA	FARMINGTON, NM 874018352
2072173506 453	RUMORE JOSHUA AND SANDY A	3504 ENGLISH RD	FARMINGTON, NM 87402
2072173377 462	BUNNELL CYNTHIA	3505 PIEDRA VISTA DR	FARMINGTON, NM 87402

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173403462	RAMIREZ MELISSA DAWN COOPER	3505 SIERRA VISTA	FARMINGTON, NM 874028352
2072173386463	NAJERA GEORGINA C	3508 SIERRA VISTA DR	FARMINGTON, NM 874028353
2072173340463	LOPEZ CYNTHIA A	3512 KAYENTA DR	FARMINGTON, NM 87401
2072173422461	SCHEIDEGGER CECELIA	3500 HIGHLAND VIEW DR	FARMINGTON, NM 874018325
2072173445462	HENSLEY SALLY	5007 KAYENTA DR	FARMINGTON, NM 874028364
2072173329451	VALDEZ LARRY AND LAURA	5600 RAILROAD	FARMINGTON, NM 87402
2072173353467	BAYS LUCILLE MAY	3503 KAYENTA DR	FARMINGTON, NM 874025231
2072173362467	STOCK F LEROY ET UX	3502 PIEDRA VISTA	FARMINGTON, NM 87402
2072173377469	ARCHULETA RICHARD R	506 CLOVIS DR	DURANGO, CO 81301
2072173403468	BOLTON JULIAN E	912 N ALLEN AVE	FARMINGTON, NM 87401
2072173386469	GOLDBERG BARRY	3280 SPENCER DR	FARMINGTON, NM 87401
2072173451466	BINGHAM LORRI	5005 KAYENTA DR	FARMINGTON, NM 87402
2072173415467	BEALL RUBY ET AL	3502 HIGHLAND VIEW DR	FARMINGTON, NM 874018325

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173471468	MARTINEZ BARBARA L	1316 BRYAN AVE	WOLFFORTH, TX 79382
2072173478468	CUNNINGHAM ROBERT J ET UX	4915 KAYENTA DR	FARMINGTON, NM 874028335
2072173484468	ENGLAND LARRY D ET UX	20 RD 2892	AZTEC, NM 874109742
2072173490468	BARNEY MATTHEW J AND GURNEY PAMELA J	4911 KAYENTA DR	FARMINGTON, NM 874028335
2072173495468	MORRIS SAMUEL E TRUSTEES	4909 KAYENTA DR	FARMINGTON, NM 874028335
2072173501468	WERNER TAMARA D	4907 KAYENTA DR	FARMINGTON, NM 874028335
2072173507468	STONE KELLY B	4905 KAYENTA DR	FARMINGTON, NM 87402
2072173513468	BOUGEANT PAUL L	4903 KAYENTA DR	FARMINGTON, NM 874028335
2072173519468	WARREN MARTHA J	4901 KAYENTA DR	FARMINGTON, NM 874028335
2072173403485	CHAVEZ DOMINIC AND D'LAINA	3509 SIERRA VISTA DR	FARMINGTON, NM 874020000
2072173362474	GRAHAM SHEILA ETAL	3504 PIEDRA VISTA DR	FARMINGTON, NM 87402
2072173377475	VALENCIA EUGENE D AND KATHRYN M TRUST	2201 CAMINO RIO	FARMINGTON, NM 874018149

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173386476	LOYA ARTHUR A	3512 SIERRA VISTA DR	FARMINGTON, NM 87402
2072173413475	JOHNSTON LINDA LEIGH ET AL	P O BOX 1432	FARMINGTON, NM 87499
2072173431474	TRANDY PROPERTIES LTD PARTNERSHIP	48 CR 5295	FARMINGTON, NM 874021531
2072173403480	BRAND SCOTT	2632 W 2ND AVE	DURANGO, CO 81301
2072173386481	ESQUIBEL RICHARD W	3514 SIERRA VISTA	FARMINGTON, NM 874018353
2072173377481	GOATS MARTHA	3511 PIEDRA VISTA DR	FARMINGTON, NM 87401
2072173436478	DUGGAN MARK	5008 KAYENTA DR	FARMINGTON, NM 87402
2072173413483	CHRISTENSEN GLEN AND BERNARDA	3506 HIGHLAND VIEW DR	FARMINGTON, NM 87402
2072173427484	AGUIRRE RENE ET UX	3503 HIGHLAND AVE	FARMINGTON, NM 87401
2072173478484	PILLING DOUG AND ISABEL	P O BOX 1099	FLORA VISTA, NM 87415
2072173462485	TRANDY PROPERTIES LTD PARTNERSHIP	48 CR 5295	FARMINGTON, NM 874011531
2072173403487	OVERRIGHT EDWARD I AND MARY E TRUST	3513 SIERRA VISTA DR	FARMINGTON, NM 87402
2072173386487	PRIDDY BARBARA L	3516 SIERRA VISTA	FARMINGTON, NM 874018353

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173485444	MARTINEZ PEDRO D ET UX	4910 KAYENTA DR	FARMINGTON, NM 87402
2072173491484	ADAMS STEVEN E AND PENNY C TRUST	7685 FOOTHILLS DR	FARMINGTON, NM 874020986
2072173497484	HALL LINDA	4906 KAYENTA DR	FARMINGTON, NM 874028336
2072173503484	SMITH KURT A AND VISNICH JULIE A	223 BLUE RIDGE	DURANGO, CO 81303
2072173509484	MONTANO MICHAEL DON ET UX	4902 KAYENTA DR	FARMINGTON, NM 87402
2072173519484	EDWARDS JASON C ET UX	5009 SANDALWOOD DR	FARMINGTON, NM 87402
2072173441482	TUCKER ARNOLD P ET UX	5006 KAYENTA DR	FARMINGTON, NM 87402
2072173413490	MASTERSON KURT	415 W 28TH ST	DURANGO, CO 81301
2072173430490	CHAVEZ MARY E TRUST	3601 HIGHLAND VIEW DR	FARMINGTON, NM 874018326
2072173454487	HOWELL SONJA K	5002 KAYENTA DR	FARMINGTON, NM 87401
2072173459493	SHEPHERD MICHAEL D AND JEANNE C	4926 KAYENTA CIR	FARMINGTON, NM 874028334
2072173478493	BRADLEY BILLY JO	4914 KAYENTA CIR	FARMINGTON, NM 874028334

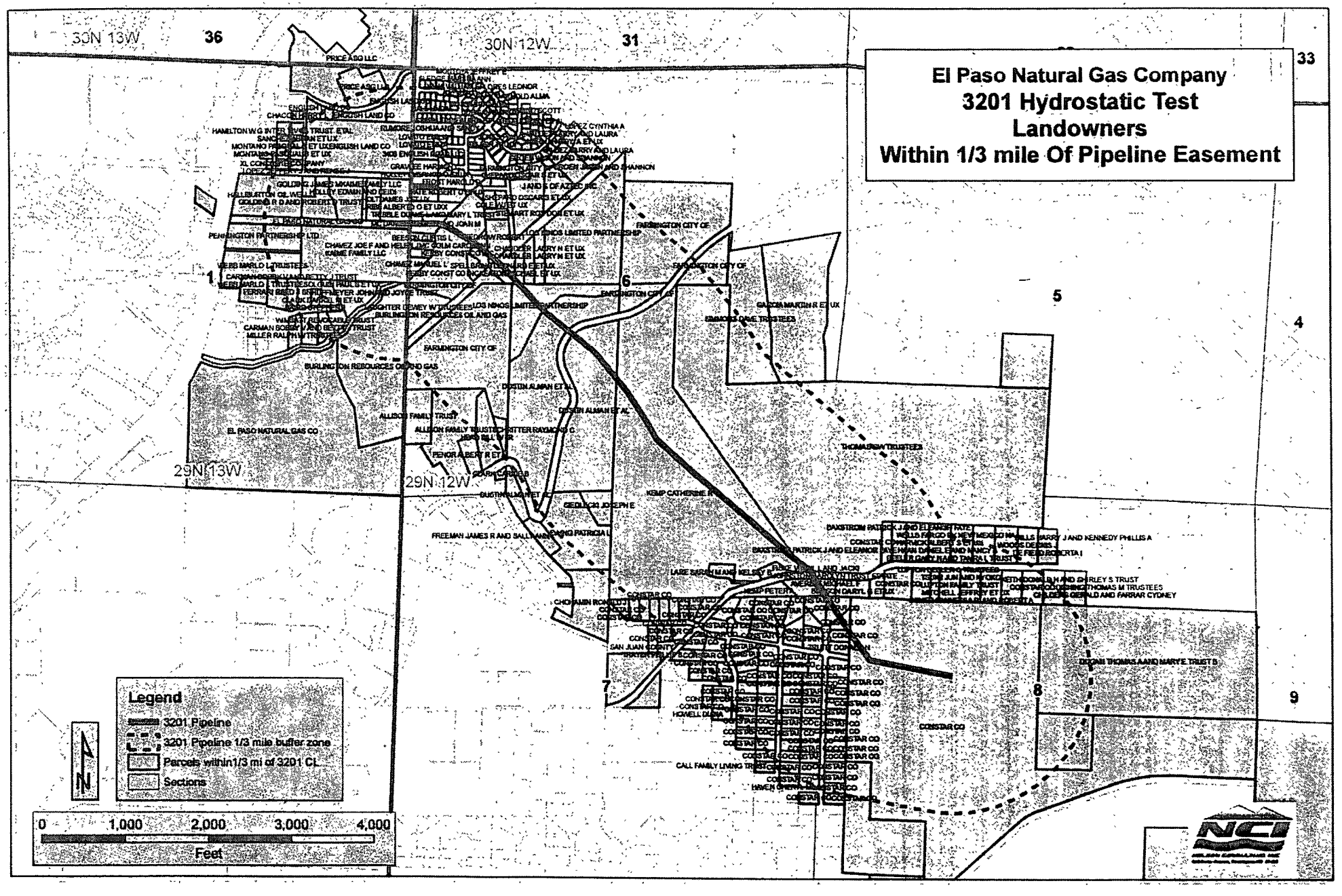
ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173447 488	MOSS MICHAEL D	5004 KAYENTA DR	FARMINGTON, NM 87402
2072173403 493	SCALES JOSEPH T TRUSTEES	2616 E 22ND ST	FARMINGTON, NM 874014457
2072173496 494	ADAMS STEVEN E AND PENNY C TRUST	7685 FOOTHILLS DR	FARMINGTON, NM 87402
2072173504 494	RODRIGUEZ VERONICA A	4905 POQUITA ST	FARMINGTON, NM 874028351
2072173510 494	STAGEN KELLY LYNN	4878 ARENA	LAS CRUCES, NM 88012
2072173519 494	COBERLY JOEY ET UX	4901 POQUITA	FARMINGTON, NM 874018351
2072173435 495	LUDWIG SANDRA SUE TRUST	3603 HIGHLAND VIEW DR	FARMINGTON, NM 874018326
2072173416 502	ARNOLD ALMA	3600 HIGHLAND VIEW DR	FARMINGTON, NM 874018327
2072173488 496	DEUEL HILDA ET AL	3805 N DUSTIN	FARMINGTON, NM 87401
2072173406 500	THOMAS CHARLES WILLIAM II	11206 CR 213	DURANGO, CO 31301
2072173454 500	MC GAHA ALISHA	4924 KAYENTA CIR	FARMINGTON, NM 87402
2072173440 500	CALDERON ARTURO D ET UX	3605 HIGHLAND VIEW DR	FARMINGTON, NM 874018326
2072173420 502	MARKHAM GALEN AND REBECCA	3602 HIGHLAND VIEW DR	FARMINGTON, NM 87402

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173478501	VANA WILLIAM E	3129 W 4TH AVE	DURANGO, CO 81301
2072173444505	RUCHENSKY ROBERT WILLIAM	3607 HIGHLAND VIEW DR	FARMINGTON, NM 874018326
2072173424507	COLLARD JAMES P	901 N AUBURN	FARMINGTON, NM 87401
2072173460507	WOOD DONALD K JR	4922 KAYENTA CIR	FARMINGTON, NM 874028334
2072173467509	RAY PHILLIP M ET UX	4920 KAYENTA CR	FARMINGTON, NM 874028334
2072173475509	SLEDGE MARSHA ANN	4918 KAYENTA CIRCLE	FARMINGTON, NM 874028334
2072173448512	FLORES LEONOR	3609 HIGHLAND VIEW DR	FARMINGTON, NM 874028326
2072173488511	TAFOYA GUS F AND ELIZABETH M	5610 ESCALANTE TRL	FARMINGTON, NM 874020908
2072173496511	GREENWOOD STEVE L	4906 POQUITA	FARMINGTON, NM 874018351
2072173504511	FOUTCH JOHN ET UX	4904 POQUITA ST	FARMINGTON, NM 874018351
2072173510511	RICHEY JOHN W ET UX	4902 POQUITA ST	FARMINGTON, NM 87402
2072173519511	DURAN RAYMOND E	4900 POQUITA CR	FARMINGTON, NM 87401
2072173456520	MONTOYA JEFFREY E	5009 LARGO	FARMINGTON, NM 874028338

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173468520	GALLEGOS JOHN A	5005 LARGO ST	FARMINGTON, NM 874028338
2072173473520	DELUZIO PATRICIA YVONNE	503 CLOVIS DR	DURANGO, CO 81301
2072173481520	RUNNELS JAMES H AND GLORIA K	1510 E 20TH ST	FARMINGTON, NM 87401
2072172177469	KEMP CATHERINE R	P O BOX 216	FARMINGTON, NM 874990216
2072172122433	LARE SARAH M AND KELSEY B	PO BOX 216	FARMINGTON, NM 874990216
2073173066503	PRICE ASG LLC	P O BOX 617905	CHICAGO, IL 606617905
2073174033066	PRICE ASG LLC	P O BOX 617905	CHICAGO, IL 606617905
2073173132088	EL PASO NATURAL GAS CO	P O BOX 1087	COLORADO SPRINGS, CO 80944
2072173066462	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2071172330132	CONSTAR CO	P O DRAWER 9	FARMINGTON, NM 874990009
2071172436414	CONSTAR CO	P O BOX 9	FARMINGTON, NM 874990009
2071172463411	BURSON DARYL G AND EVA J	PO BOX 1687	FARMINGTON, NM 87499
2071172493406	BURSON DARYL G ET UX	P O BOX 1687	FARMINGTON, NM 874991687

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173466320	MC COLM CAROL ANN	P O BOX 1052	APACHE JUNCTION, AZ 85217
2072173410282	SPELLBRING LEONARD E ET UX	3009 MCCOLM DR	FARMINGTON, NM 874015259
2072172088314	BIZZELL JIMMIE D	58 CR 3937	FARMINGTON, NM 87401
2072173459458	STOLWORTHY JUSTIN MUREL	3400 HIGHLAND VIEW DR	FARMINGTON, NM 874028323
2072173471453	CLARK EDDIE MARK ET UX	3300 HIGHLAND VIEW DR	FARMINGTON, NM 874028346
2072173458468	SCHOEN ANNE	5003 KAYENTA DR	FARMINGTON, NM 87402
2072173465468	LIAPIS PHYLLIS R	5001 KAYENTA DR	FARMINGTON, NM 874028364
2072173503352 2099199900900	TRIBBLE DUANE L AND MARY L TRUST	P O BOX 2075	FARMINGTON, NM 87499

APPENDIX F
Map of Landowners within 1/3 Mile of the Pipeline Easement


El Paso Natural Gas Company
3201 Hydrostatic Test
Landowners
Within 1/3 mile Of Pipeline Easement
30N 13W
36
30N 12W
31
33
29N 13W
29N 12W
1
6
5
4
7
8
9
Legend
3201 Pipeline
3201 Pipeline 1/3 mile buffer zone
Parcels within1/3 mi of 3201 CL
Sections
N
0
1,000
2,000
3,000
4,000
Feet

APPENDIX G
Public Notice Text in Spanish and English

AVISO PÚBLICO

El Ministerio de Transporte de Estados Unidos (USDOT) requiere pruebas de presión periódicas en todas las tuberías reguladas por el USDOT-reguladas. La compañía de El Paso Natural Gas (EPNG) da por este medio el aviso que el uso siguiente del permiso de la descarga se ha sometido a la división de la conservación de aceite del Nuevo México (NMOCD) de acuerdo con la subdivisión B, C, E, y F del código administrativo de 20.6.2.31 08 Nuevo México. La dirección local del correo de EPNG es: El Paso Natural Gas, San Juan Area Office, P.O. Box 127, Bloomfield, NM 87413.

El Paso Natural Gas ha presentado una solicitud para conductor una hidrostática del agua de la tubería 3201 de la prueba que ocurrirá en la servidumbre de EPNG en sección 1 del municipio 29 del norte, se extiende 13 del oeste, y las secciones 6, 7, 8 del municipio 29 del norte, se extiende 12 del oeste, en el condado de San Juan, Nuevo México. El propósito de hidrostático (prueba con agua) es para determinar el grado a los defectos potenciales pudieron amenazar a la capacidad de la tubería de sostener la presión máxima permitida de la operación. La prueba implica el purgar del gas natural de la tubería, limpiando la tubería con un quitamanchas acuoso, no-peligroso, rellenar la tubería con agua, después presurizando la tubería a una presión más alta que la presión de funcionamiento estándar para una duración especificada del tiempo.

Una porción de la tubería de EPNG 3201 hidrostático será probada. Antes de la prueba hidrostática, la tubería será limpiada usando aproximadamente 1.000 galones de un quitamanchas acuoso y no-peligroso, N-Spec. 120. El volumen de solución de la limpieza se estima para ser 1.000 galones y será almacenado en dos estaciones del compresor de EPNG; Estación del compresor de Blanco. La estación del compresor de Blanco está situada en el N/2 del N/2, sección 14, el municipio 29 del norte, se extiende 13. Una muestra compuesta de la solución de la limpieza será analizada para la corrosividad, el enciende, la reactividad, y la toxicidad además de los estándares de la Comisión del control de calidad del agua del nanómetro (WQCC) descritos más abajo. La solución de la limpieza puede almacenar en el frac-tanque por dos semanas con una opción por dos semanas adicionales de almacenaje. Esta agua será transportada para la disposición apropiada al Mesa ambiental en Belen, Nuevo México o Thermo Fluids, Inc. en Albuquerque, Nuevo México.

Hasta 140.500 galones de agua inusitada fresca, de la ciudad de las utilidades de Farmington, serán almacenados inicialmente en los tanques de 21.000 galones (los frac-tanques) situados en el SW/4 del sección 1, el municipio 29 del norte, se extiende 13 del oeste en la proporidad de EPNG, approximente 700 pies suroeste de la interseccion de Gila Calle y Camino de Engles. Después de la prueba hidrostática, las mangueras y/o las pipas flexibles serán utilizadas para transferir la agua usada de la prueba en los tanques del frac situados en las estaciones del compresor de Río Vista. Tanto como los 7 tanques del frac pueden ser necesarios para contener temporalmente hasta 140.500 galones de agua usada de la prueba. Esta agua será analizada para asegurarse que cumplio los estándares de secciones A, B, y C de WQCC según 20.6.2.31 03. De la prueba se puede almacenar en los tanques del frac por dos semanas con una opción por dos semanas adicionales de almacenaje, hasta que finalicen resultados analíticos. El agua hidrostática de la prueba no será descargada. Después del recibo de la aprobación de NMOCD, será transportada e inyectada correctamente en un pozo de inyección permitido de la clase 1 funcionado por Key Energy de Farmington, Nuevo México.

La agua subterránea más baja probablemente que se afectará por un escape, una descarga accidental, o un derramamiento existe en una profundidad de 6 pies debajo de la superficie de tierra. Esta sistema del acuífero tiene una concentración total de los sólidos en suspensión entre de aproximadamente 960 y 3.840 miligramos por litro o mayor (calculado de conductancia específica divulgada entre de 1.500 y 6.000 µS/cm).

El aviso del intento esquemas cómo el agua y la basura producidas serán manejadas correctamente, incluyendo la dirección, almacenaje, y la disposición final. El aviso del intento también incluye los procedimientos para la gerencia apropiada de escapes, de descargas accidentales, y de derramamientos para proteger las aguas del estado de Nuevo México.

Para la información adicional, para ser colocado en una lista de personas a quienes se mandan propaganda facilidad-específica para los avisos futuros, o someter los comentarios satisfacen entran en contacto con:

Brad Jones, ingeniero ambiental
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Teléfono: (505) 476-3487

La energía del nanómetro y el Deprtamento de los Recursos Naturales y Minerales aceptarán comentarios y declaraciones del interés con respecto a esta prueba hidrostática y proporcionarán los avisos futuros para esta tubería a petición.

PUBLIC NOTICE

The United States Department of Transportation (USDOT) requires periodic pressurized tests on all USDOT-regulated pipelines. El Paso Natural Gas Company (EPNG) hereby gives notice that the following discharge permit application has been submitted to the NM Oil Conservation Division (NMOCD) in accordance with Subsection A, B, D and F of 20.6.2.3108 of New Mexico Administrative Code (NMAC). The local EPNG mailing address is: El Paso Natural Gas, San Juan Area Office, P.O. Box 127, Bloomfield, NM 87413.

EPNG has submitted an application to perform a hydrostatic test of the 3201 Pipeline on the EPNG pipeline easement in Section 1, Township 29 North, Range 13 West, and Sections 6, 7, and 8 of Township 29 North, Range 12 West, in San Juan County, New Mexico. The purpose of hydrostatic (testing with water) is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. The test involves purging the natural gas from the pipeline, cleaning the pipeline with an aqueous, non-hazardous cleaning fluid, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for a specified duration of time.

A portion of the EPNG 3201 pipeline will be hydrostatically tested. Prior to hydrostatic testing, the pipeline will be cleansed using approximately 1,000 gallons of an aqueous and non-hazardous cleaning fluid, N-Spec 120. The volume of cleaning solution is estimated to be 1,000 gallons and it will be stored at EPNG's Blanco compressor station located in the N/2 of the N/2, Section 14, Township 29 North, Range 11 West. A composite sample of the cleaning solution will be analyzed for corrosivity, ignitability, reactivity, and toxicity for disposal characterization. The water/cleaning solution mixture may be stored in the frac-tanks for two weeks with the option to store it for an additional two weeks. This water will be transported for proper disposal to the Mesa Environmental regional processing facility in Belen, NM or Thermo Fluids, Inc. in Albuquerque, NM.

Up to 140,500 gallons of fresh unused water, from City of Farmington, will be initially stored in as many as seven 21,000-gallon tanks (frac-tanks) located in the SW/4 of Section 1, Township 29 North, Range 13 West within EPNG's property approximately 700 feet southwest of the intersection of Gila Street and English Road within the City of Farmington. Following hydrostatic testing, hoses and/or flexible pipes will be used to transfer the used test water into the frac-tanks. A composite sample of this water will be analyzed to ensure it meets the WQCC standards as per Subsections A, B, and C of NMAC 20.6.2.3103. Used test water may be stored in the frac-tanks for two weeks with the option to store it for an additional two weeks. The hydrostatic test water will not be discharged. After receipt of NMOCD approval, it will be properly transported and injected into a permitted Class 1 injection well operated by Key Energy of Farmington, NM.

The shallowest groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth of 6 feet below the ground surface. This aquifer system has a total dissolved solids concentration of between approximately 960 and 3,840 milligrams per liter or greater (calculated from reported specific conductance of between 1,500 and 6,000 µS/cm).

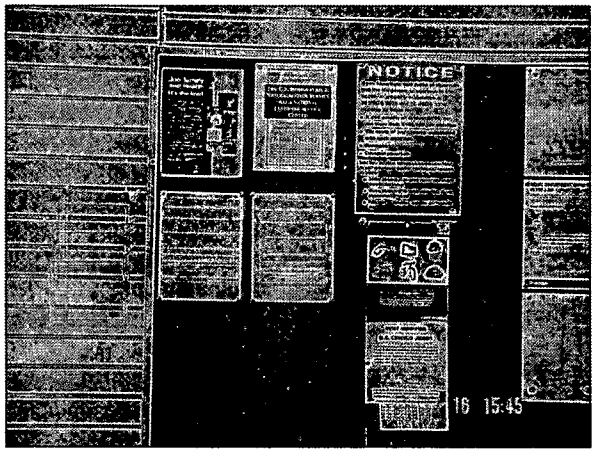
The notice of intent outlines how produced water and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of New Mexico.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments please contact:

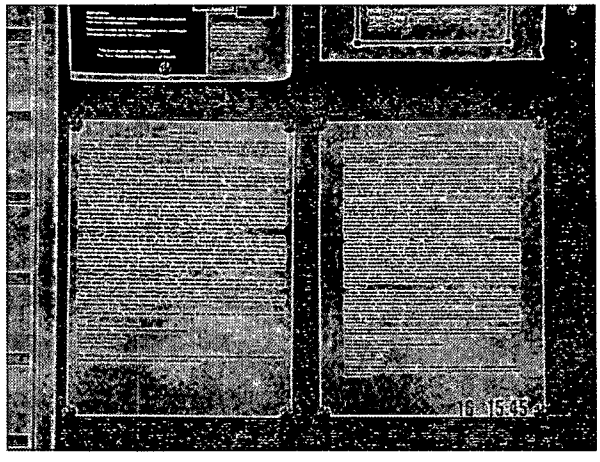
Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone: (505) 476-3487

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this hydrostatic test and will provide future notices for this pipeline upon request.

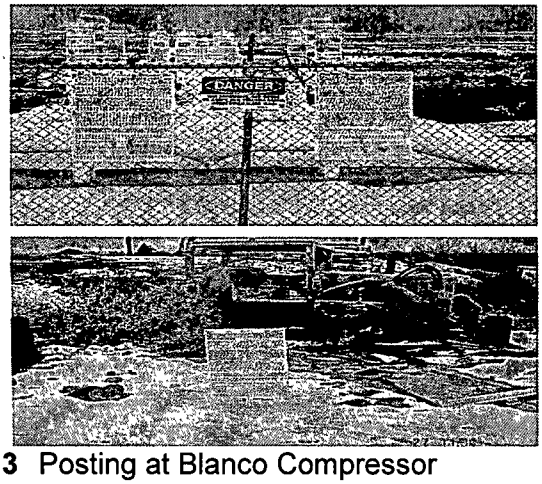
Photographs of posting



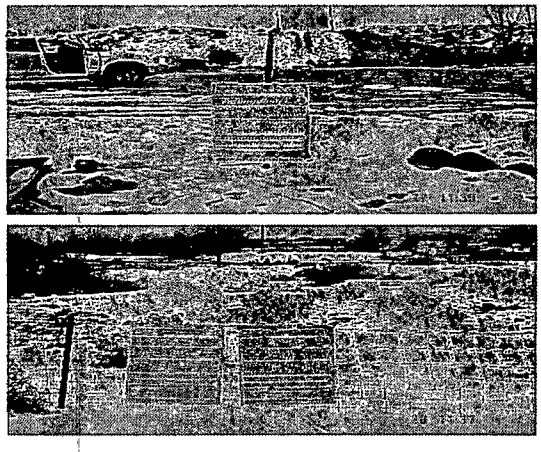
No.1 Posting at Farmington Post Office.



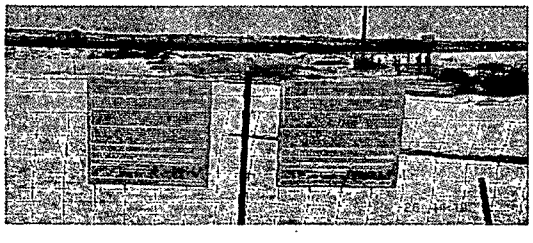
No.2 Posting at Farmington Post Office.



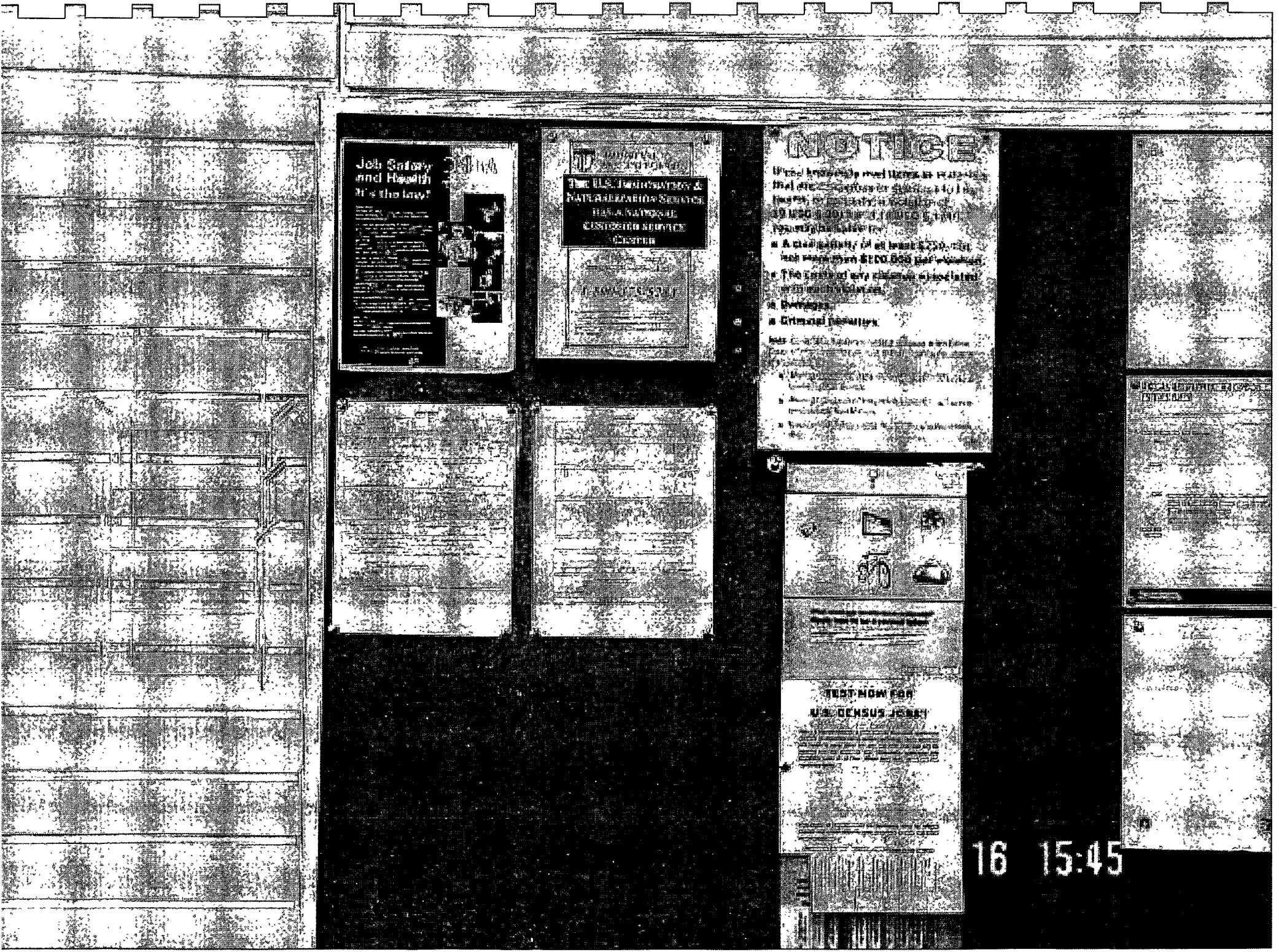
No.3 Posting at Blanco Compressor Station.

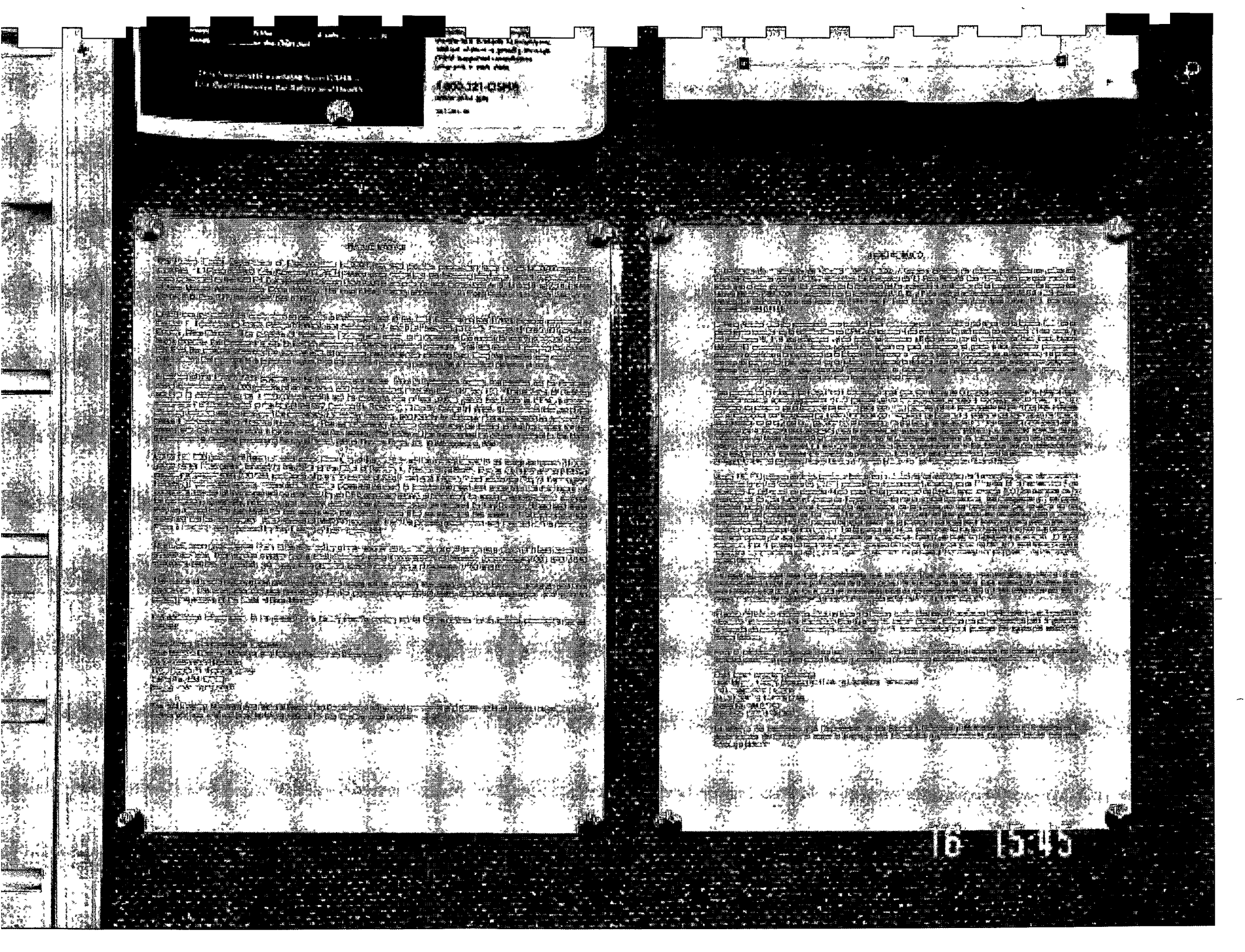


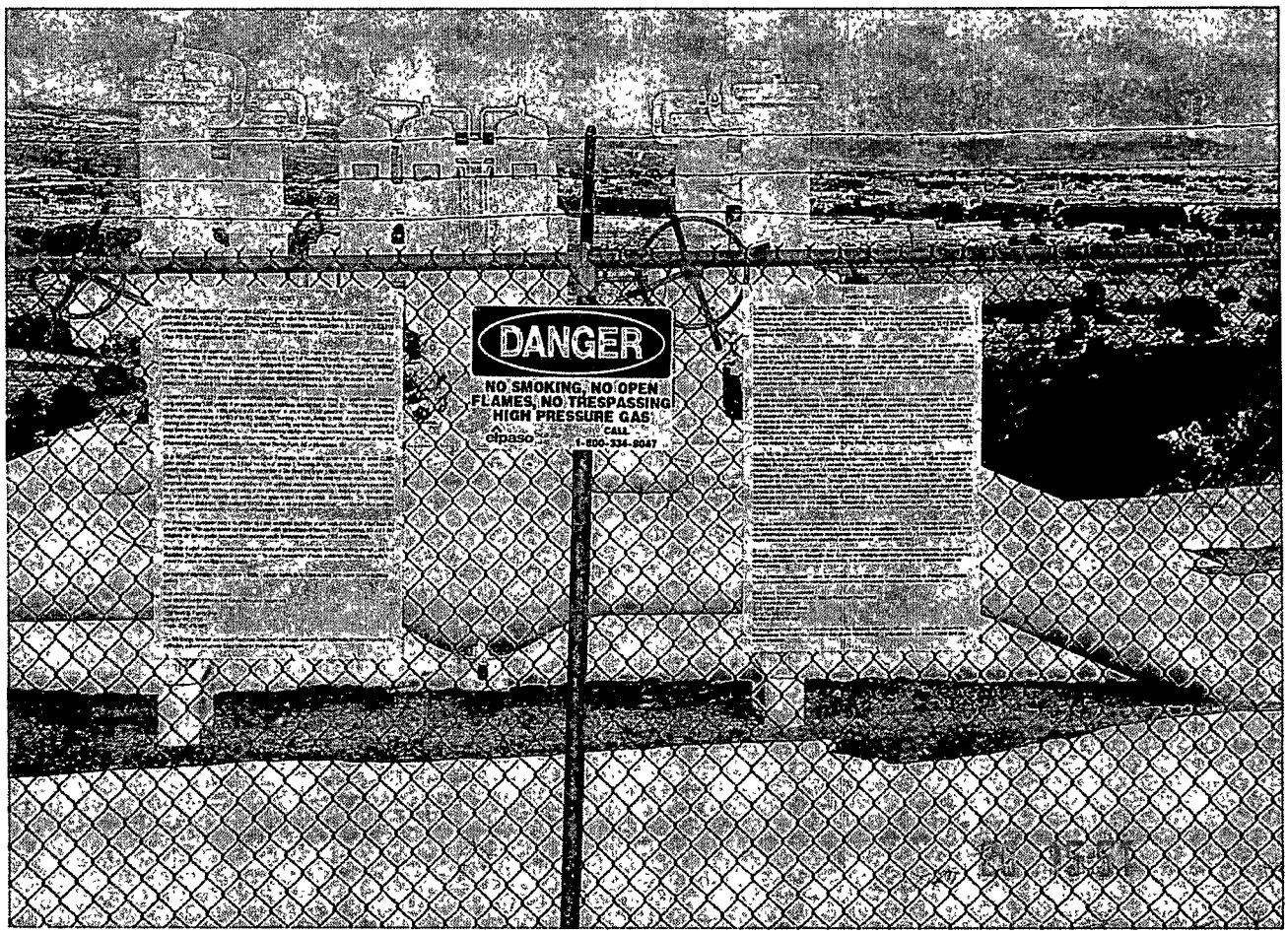
No.4 Posting at Frac-tank Storage area.

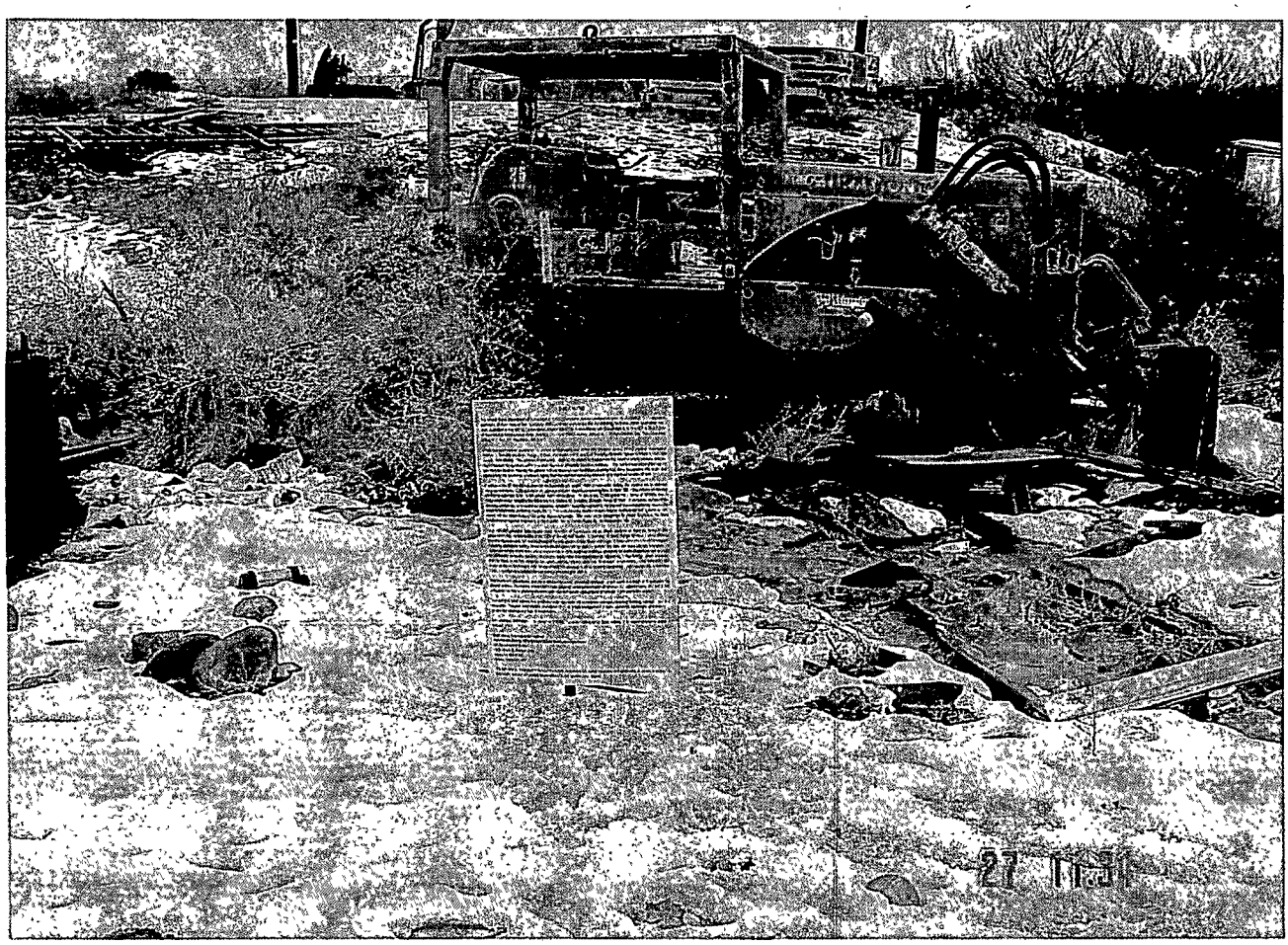


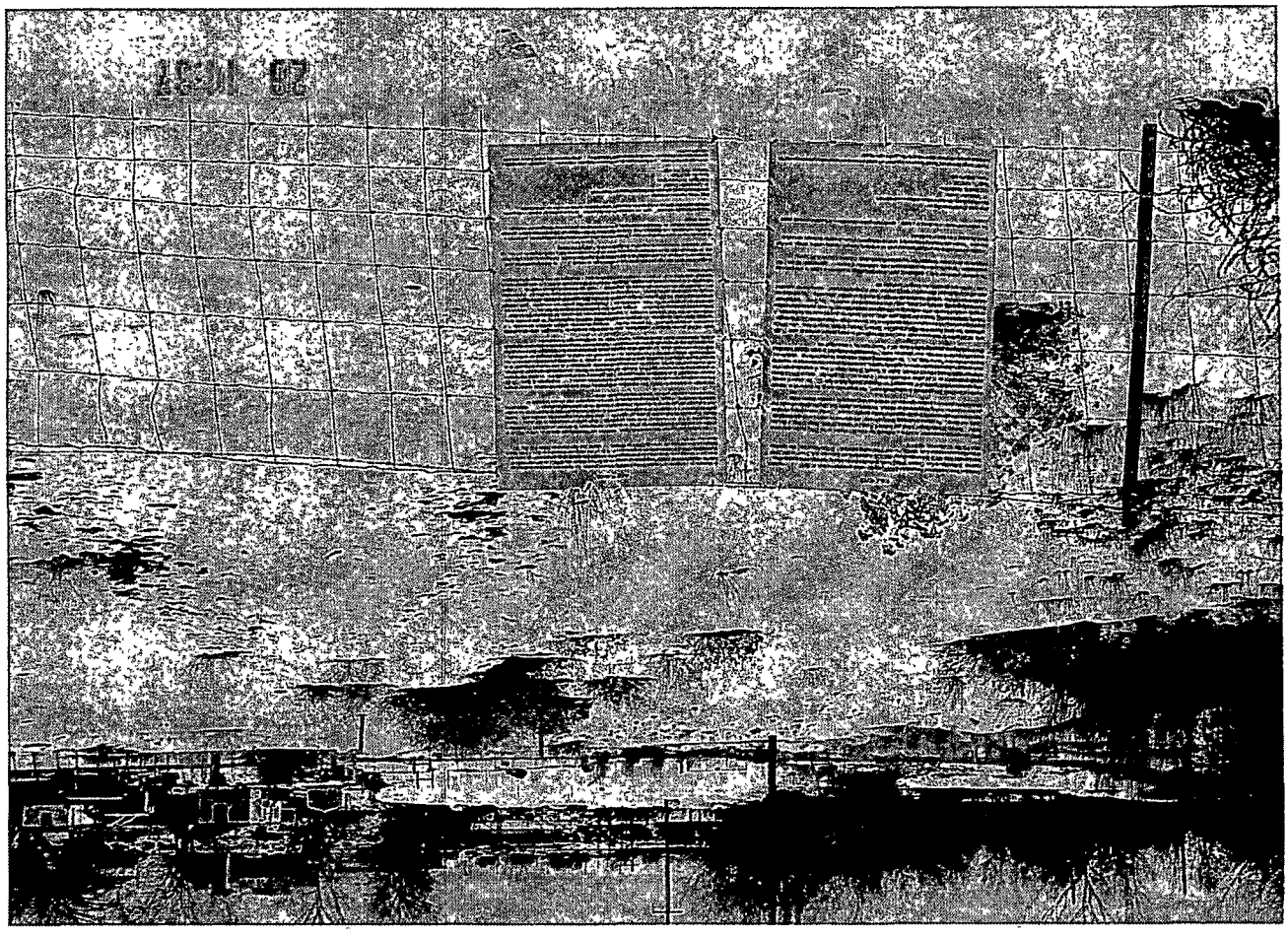
No.5 Posting along the pipeline test segment.

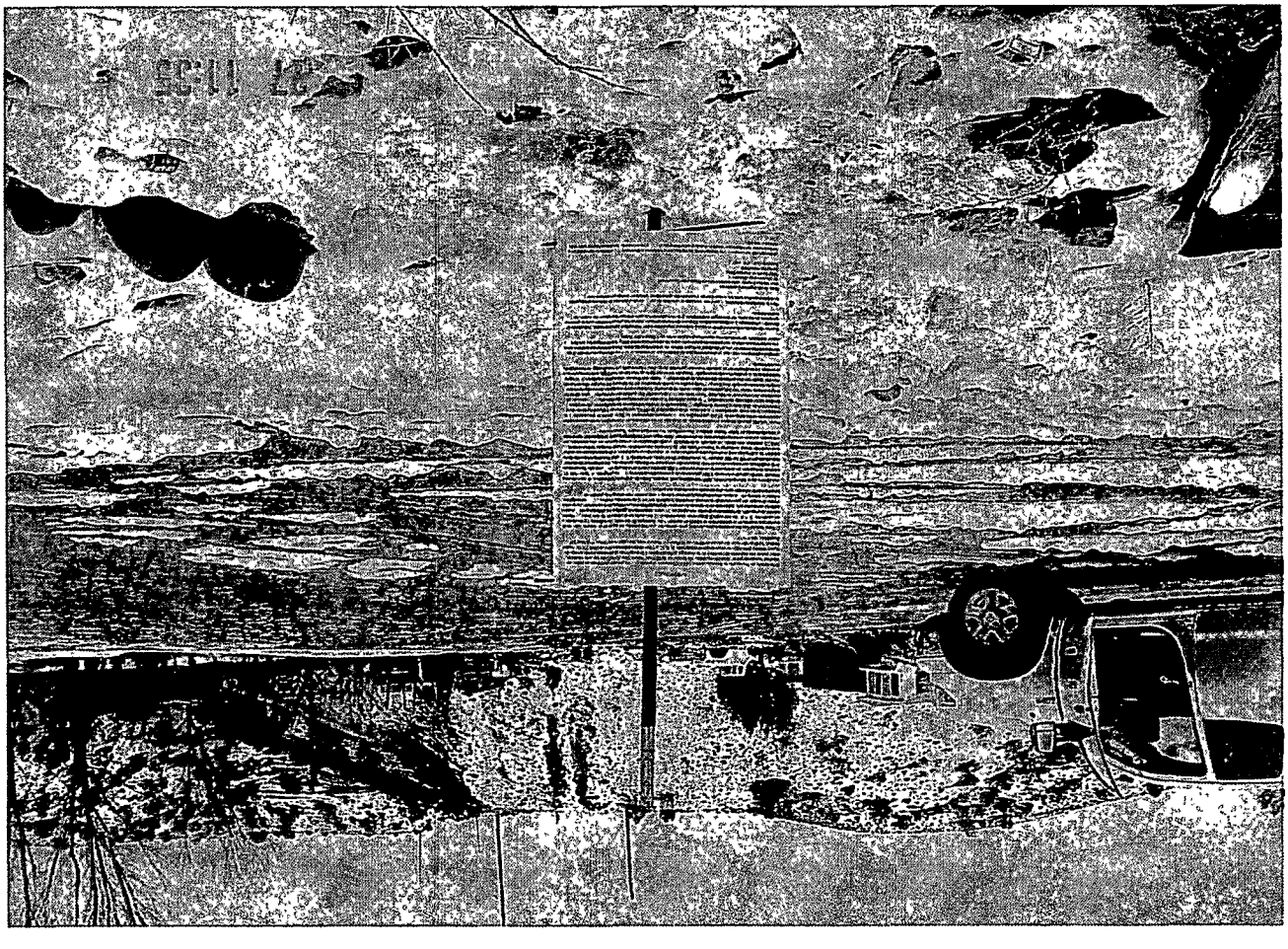

Job Safety and Health
It's the law!
NOTICE
TEST HOW FOR
U.S. CENSUS JOBS!
16 15:45




DANGER
NO SMOKING, NO OPEN FLAMES, NO TRESPASSING!
HIGH PRESSURE GAS
elpaso
CALL
1-800-334-8047







KLEINFELDER
Bright People Right Solutions

CERTIFIED MAIL- RETURN RECEIPT REQUEST

March 11, 2010
File No.: 109637.1-ALB10LT002

Mr. Brad Jones, Environmental Engineer
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

RECEIVED
2010 MAR 15 A

Subject: Documentation of Public Notice
Discharge of Hydrostatic Test Water, Pipeline No. 3201
(Farmington West)
San Juan County, New Mexico

Dear Mr. Jones:

On behalf of the El Paso Natural Gas Company (EPNG), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit the following documentation of public notice:

- Proof of certified mailings with date stamp;
- Copies of returned postcards (return receipt requested);
- Certificate of posting; and
- Photographs of posting.

Should you have any questions, please feel free to contact Jill Hernandez or Eileen Shannon (Kleinfelder) at (505) 344-7373, or Richard Duarte (EPNG) at (505) 831-7763.

Respectfully submitted,
KLEINFELDER WEST, INC.

Karen Archer for
Jill Hernandez
Staff Professional

Eileen Shannon, PG
Project Manager

cc: Mr. Richard Duarte, El Paso Natural Gas

Proof of Certified Mailings with Date Stamp

7009 2820 0002 8693 2149

U.S. Postal Service
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	$ 2.58
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 7.68

Postmark Here

Sent To: Mr. Brad Jones, Oil Conservation Division
Street, Apt. No.; or PO Box No.: 1220 St Francis Drive
City, State, ZIP+4: Santa Fe NM 87505

PS Form 3800, August 2006 — See Reverse for Instructions

7009 2820 0002 8693 2132

U.S. Postal Service
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	$ 2.58
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 7.68

Postmark Here

Sent To: Richard Duarte EPNGC
Street, Apt. No.; or PO Box No.: 8725 Alameda Park Dr. NE
City, State, ZIP+4: Albuquerque NM 87120

PS Form 3800, August 2006 — See Reverse for Instructions

Copies of Returned Postcards (Return Receipt Requested)

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Richard Duarte
El Paso Natural Gas Company
8725 Alameda Park Dr NE
Albuquerque, NM 87120

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Shannon Archuleta ☒ Agent ☐ Addressee

B. Received by (Printed Name) Shannon Archuleta
C. Date of Delivery 2/7/10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7009 2820 0002 8693 2132

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Mr. Brad Jones
Oil Conservation Division
1220 St Francis Drive
Santa Fe, NM 87505

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☑ Addressee

B. Received by (Printed Name) C. Date of Delivery 2-17

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7009 2820 0002 8693 2149

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Certificate of Posting

Certification of General Posting of Notices

Hydrostatic Discharge Line 3201 (WEST)

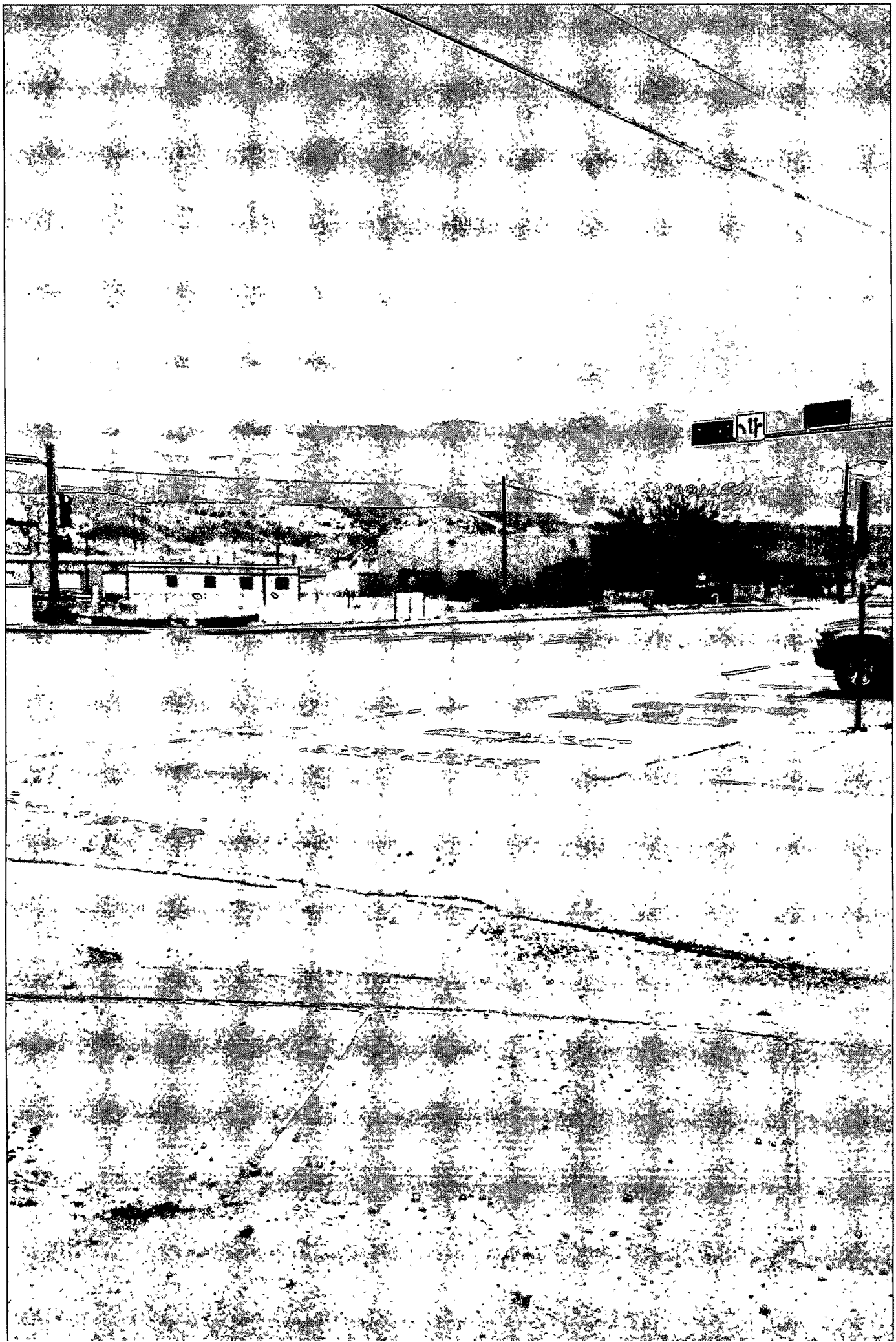
I, Charlie Morgan, the undersigned, certify that on March 4, 2010, I directed the posting of a true and correct copy of the attached Public Notice (in Spanish and English) on the southeast corner of the intersection of La Plata Highway and Pinon Hills Blvd (30th Street) just west of the City of Farmington, San Juan County, New Mexico and within EPNG's Right-of Way on Pipeline 3201.

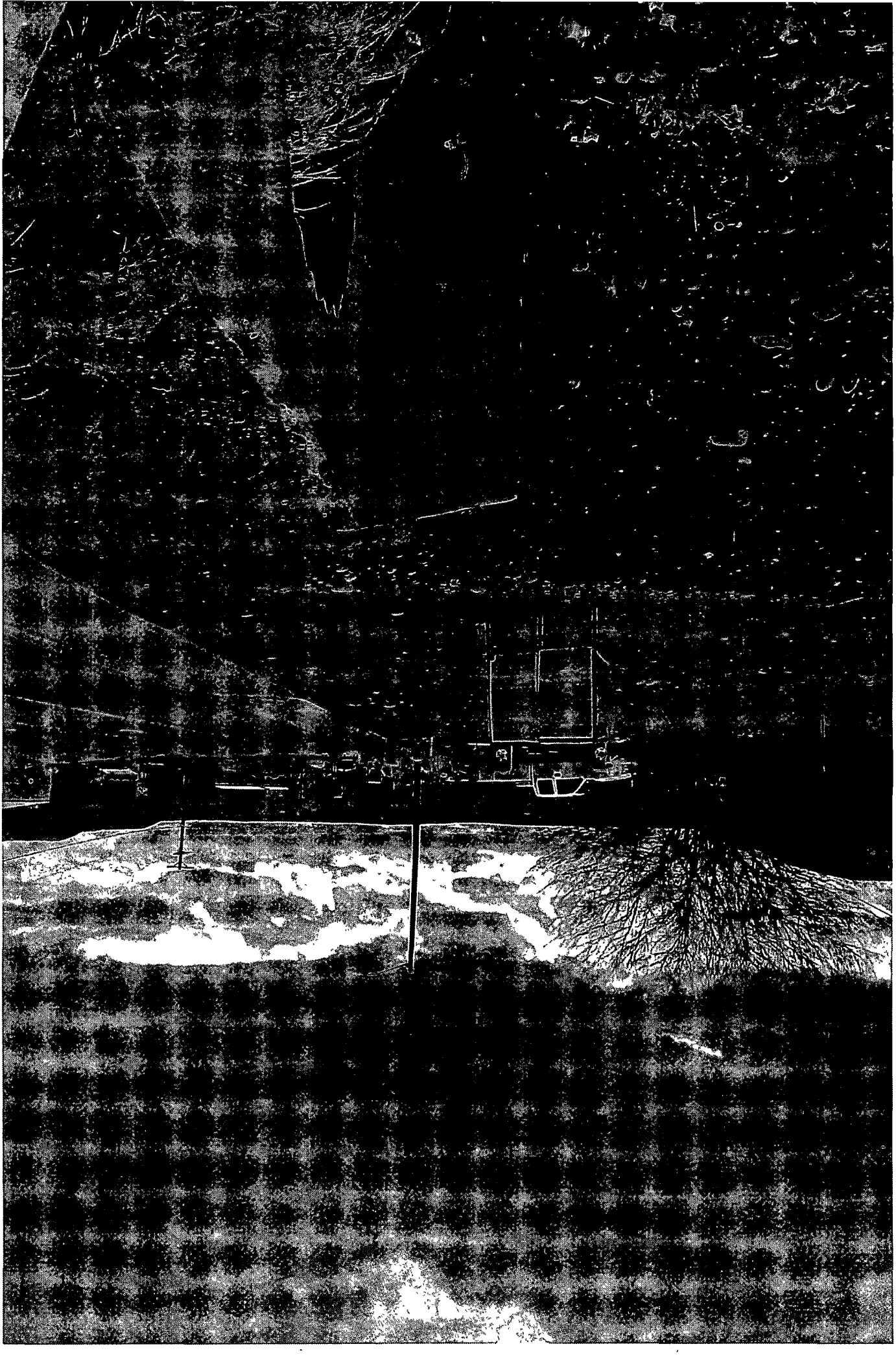
Accordingly, the attached photos were taken where the signs were posted.

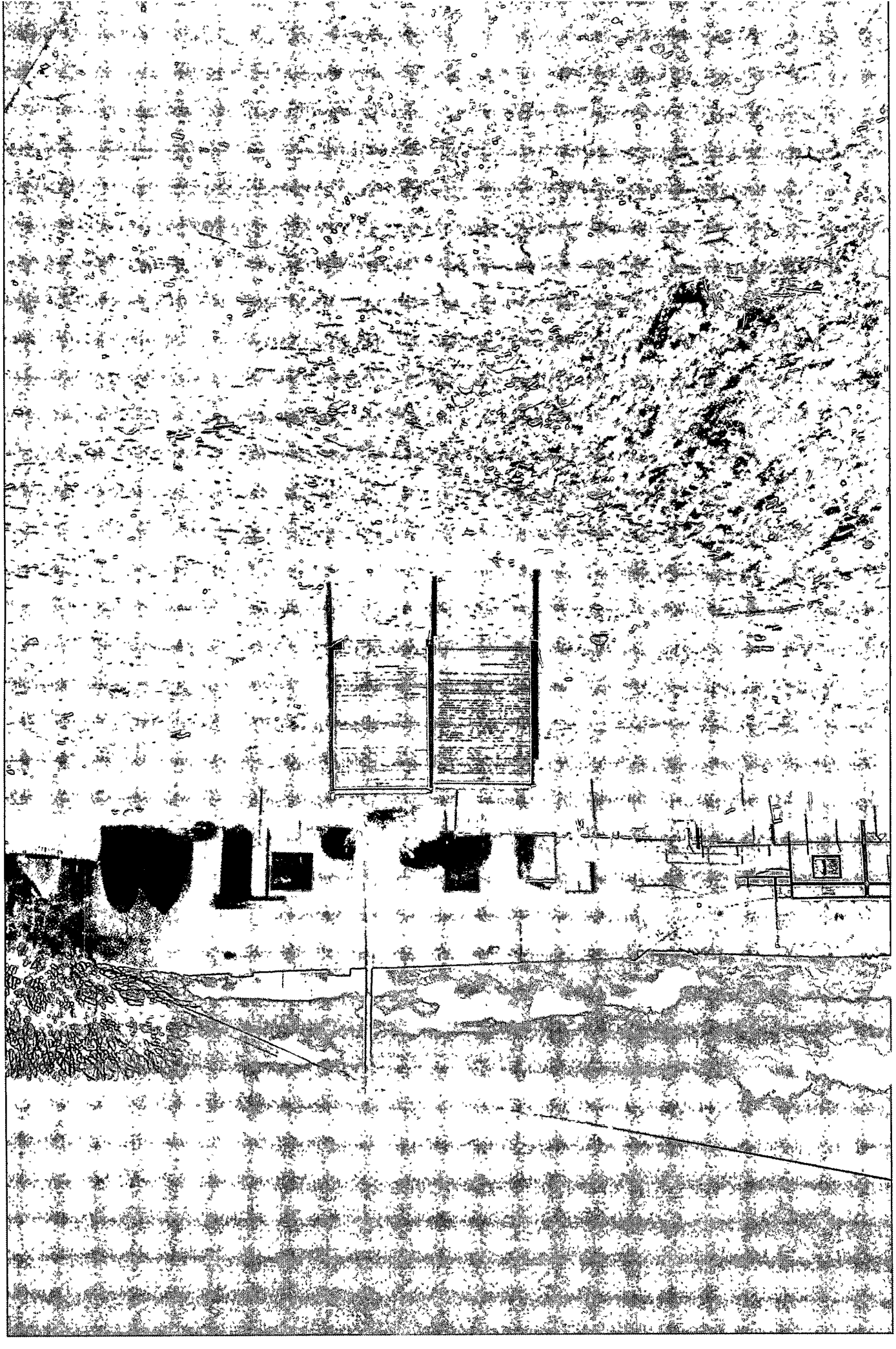
Signed on this 10th day of March, 2010.

Charlie Morgan
Chief Inspector

Photographs of Posting







KLEINFELDER
Bright People. Right Solutions.

DOCUMENT TRANSMITTAL FORM

TO:	Mr. Brad Jones New Mexico Energy, Minerals, and Natural Resources Department 1220 St. Francis Drive Santa Fe, NM 87505	PAGE	1	OF	1
		TRANSMITTAL DATE:	01/28/10		
		TRANSMITTAL DCN:	83107.4-ALB10TS003		
RETURN RESPONSES/COMMENTS TO:	David Janney				
RETURN RESPONSES/COMMENTS BY:					

RECEIVED OCD
2010 JAN 29 P 2:54

PROJECT NO.:	83107	PROJECT NAME:	NM Pipeline Hydrostatic
ACTIVITY/DESCRIPTION:	NOI		

DOCUMENTS BEING TRANSMITTED

ITEM	REV.	PAGES	DATE	DESIGNATOR
Submittal of a Notice of Intent (NOI) to Perform a Hydrostatic Test Pipeline Number 3201 San Juan County, New Mexico	6		01/28/10	83107 4-ALB09RP001

INSTRUCTIONS/REMARKS

- ☐ Mark previous issues "obsolete", "superceded", or "uncontrolled"
- ☐ Destroy previous affected material
- ☐ Return old material with this record
- ☐ New issue (no previous copies received)
- ☒ Replace with revised/new material
- ☐ Maintain as controlled copy
- ☐ Not Applicable

RECEIPT AND READ ACKNOWLEDGEMENT
Please Sign and Return To:

ADMINISTRATIVE SUPERVISOR
8300 JEFFERSON NE SUITE B
ALBUQUERQUE, NM 87113

CLIENT RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete & Return this page via Fax/Mail/Email			

KLEINFELDER RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete this section upon receipt from client			

KLEINFELDER
Bright People Right Solutions

January 28, 2010
File No. 83107.4-ALB09RP001

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

RECEIVED OCD
2010 JAN 29 P 2:55

Subject: Submittal of a Notice of Intent to Perform a Hydrostatic Test
Pipeline Number 3201
San Juan County, New Mexico

Dear Mr Jones:

On behalf of the El Paso Natural Gas Company (EPNG), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit this Notice of Intent (NOI) for a hydrostatic test of the 3201 Pipeline. EPNG is intending to dispose of the used hydrostatic test water into a Class 1 injection well therefore; no surface discharge of hydrostatic test water is planned.

As required by US DOT Pipeline and Hazardous Materials Safety Administration regulations, EPNG is planning to conduct pipeline reconditioning work on its 20-inch 3201 pipeline near Farmington, New Mexico in mid to late February 2010. EPNG will be hydrostatically testing approximately 8,560 feet of used and new pipe on this pipeline.

Kleinfelder has included the required information for the NOI as stated in the "Guidelines for Hydrostatic Test Dewatering" dated January 11, 2007. Attached to this NOI are the following:

- Background Information;
- Notice of Intent;
- Figure 1, EPNG 3201 Pipeline Undergoing Hydrostatic Test;
- Figure 2, Temporary Frac-Tank Staging Location, Hydrostatic Test Water;
- Figure 3, Temporary Frac-Tank Staging Location, Cleaning Solution;
- Appendix A, Material Safety Data Sheets for N-Spec 120 Cleaner;
- Appendix B, Certification of Siting Criteria;
- Appendix C, Copy of Email from the New Mexico Abandoned Mine Lands Program and figure showing no active mines in the vicinity;
- Appendix D, Federal Emergency Management Administration Flood Insurance Rate Maps;
- Appendix E, List of Landowners within 1/3 mile of the Pipeline Segments undergoing hydrostatic testing;
- Appendix F, Map of Landowners within 1/3 mile of the Pipeline Easement; and
- Appendix G, Public Notice text in Spanish and English

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A check in the amount of $100.00 to cover the filing fee was included with a previous submittal of this document and the $600 permit fee will be mailed under separate cover to the New Mexico Water Quality Control Commission. As deemed necessary by the NMOCD, public notice will be posted in accordance with Subsection A, and B, D and F of NMAC 20.6.2.3108 at the frac-tank staging areas (Figures 2 and 3), the Farmington, New Mexico Post Office, and published in the Farmington Daily Times newspaper

Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based on our understanding of the information provided by EPNG. The work performed was based on project information provided by EPNG.

Should you have any questions, please feel free to contact David Janney or Marco Wikstrom (Kleinfelder) at (505) 344-7373, or Richard Duarte (EPNG) at (505) 831-7763.

Respectfully submitted,
KLEINFELDER WEST, INC.

David Janney, PG
Project Manager

Reviewed by:

Kerry Ruebelmann, PG
Regional Manager

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Background Information

- The EPNG Pipeline number 3201 is an existing 20-inch (outside diameter) natural gas pipeline that has been in service since 1953.
- This transportation pipeline is part of a network that transports natural gas (sweet and dry) that is suitable for immediate consumer use.
- Based upon recent experience with the NMOCD, EPNG understands that the water used for cleaning and testing this pipeline system is generally classified as non-exempt RCRA waste and is subject to the Water Quality Control Commission (WQCC) Regulations.

Notice of Intent Plan

On behalf of EPNG, Kleinfelder is submitting this NOI plan as outlined in NMOCD Guidance document, "Guidelines for Hydrostatic Test Dewatering," (revised January 11, 2007). The NOI plan includes the following items:

Item a. Name and address of the proposed discharger;

Legally Responsible Party	Sam A. Armenta, Director El Paso Natural Gas Company Albuquerque Division 8725 Alameda Park Dr. NE Albuquerque, NM 87120
Local Representative	Richard Duarte (505) 831-7763 El Paso Natural Gas Company 8725 Alameda Park Dr. NE Albuquerque, NM 87120
Operator	
Physical Address	El Paso Natural Gas Company San Juan Area Office #81 County Road 4900 Bloomfield, NM 87413
Mailing Address	El Paso Natural Gas Company San Juan Area Office P.O. 127 Bloomfield, NM 87413

Item b. Location of the discharge, including a street address, if available, and sufficient information to locate the facility with respect to surrounding landmarks;

The location of the portions of the 3201 pipeline to be hydrostatically tested is shown on figure 1. The segment of 3201 pipeline that will be hydrostatically tested is immediately west of the Animas River and within the City of Farmington and goes east of County Road 3000 by approximately 1-1/4 –mile. Approximately 7 frac-tanks will be located 700 feet southwest of the intersection of Gila Street and English Road within EPNG owned property along the 3201 Pipeline. Coordinates for this location are Latitude 36° 45' 25.64" North, Longitude 108° 08' 58.29" West.

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Prior to the hydrostatic test, the pipeline will be cleaned to remove oil residue and other trace contaminants. The segment will generate water (RCRA non-exempt) subject to regulation by the WQCC. There will be a small volume of water mixed with pipe cleaning liquid (N-Spec 120, see Appendix A for material safety data sheet). The volume of cleaning solution is estimated to be 1,000 gallons. The source of water mixed with the pipe cleaning liquid will be public utility drinking water from the City of Farmington.

The pipe cleaning solution will be used to clean the entire 3201 pipeline, mile post (MP) 0 to MP 22 and will be stored at EPNG's Blanco Compressor Station (GW-49-0, Figure 3). After cleaning the pipeline, the cleaning solution will be moved from the pipeline directly into a frac-tank (stored within secondary containment), then transferred into tank trucks for transportation to a recycling facility.

The temporary frac-tank storage location for the cleaning solution will be:

Mile post 0 + 0000' is located at the discharge side of Blanco Compressor Station (south side of the station), County Road 4900, #81, Bloomfield, NM 87413. This is locally known as "gasoline alley" road. Coordinates for this location are Latitude 36° 43' 44.55" North, Longitude 107° 57' 40.12" West. The temporary storage area is within the compressor station boundary. The frac-tank will be located within 50 feet of the point of connection on the 3201 pipeline. There will be one 21,000-gallon temporary tank with the water/N-SPEC mixture at this location and the liquid may be stored for up to two weeks. In the event that laboratory analysis or removal transportation is delayed, EPNG will request an additional two weeks of storage time. Every effort will be made to remove the liquid within two weeks. A 21,000-gallon tank is required to contain the high pressure discharge (above 850 pounds per square inch) and high flow rates utilized to drain the 3201 pipeline. The temporary frac-tank storage area at Blanco is shown on Figure 3.

The permitted recycling facilities that will be used for the cleaning solution are:

Mesa Environmental, a Division of Mesa Oil, Inc.
Corporate - 17300 Hwy 72, Arvada, CO 80007
Regional Processing Facility – 20 Lucero Road, Belen, NM 87002

Or,

Thermo Fluids Inc
Corporate – 8925 E. Pima Center Pkwy, Suite 105, Scottsdale, AZ 85258
Local Office – 9010 Bates Road, SW, Albuquerque, NM 87105

After the pipeline has been cleaned, public utility drinking water from the City of Farmington, NM will be used to perform hydrostatic testing of the segment of the 3201 pipeline. The segment is as follows; from MP 12 + 1500 in Section 6, Township 29N, Range 12W, to MP 13 +4780 in Section 7, Township 29N, Range 12W (Figure 2). Approximately 140,500 gallons of water will be used for the hydrostatic test.

Upon completion of the hydrostatic test, EPNG will generate a second volume of water (RCRA non exempt) that may be subject to regulation: the hydrostatic test water. The test water will be initially transferred into clean portable frac-tanks (stored within secondary containment) and held at one location (Figure 2). Due to an enhanced pipeline cleaning protocol EPNG believes that the hydrostatic test water may meet the WQCC standards for ground water with contaminant concentrations not exceeding levels listed in Subsections A, B, and C of NMAC 20.6.2.3103.

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Item c. Legal description of the discharge location;

Introduction, removal, and storage of hydrostatic test water will occur in the staging area at the following location:

SE/4 of the NE/4 of Section 1, Township 29 North, Range 13 West, in San Juan County, New Mexico (See Figure 2).

Introduction, removal, and storage of cleaning solution will occur at the following location:

N/2 of the N/2 Section 14, Township 29 North, Range 11 West in San Juan County, New Mexico (See Figure 3).

Item d. Maps (site-specific and regional) indicating the location of the pipelines to be tested;

Figure 1 is a site-specific map showing topography, the pipeline sections undergoing test, and the hydrostatic test water staging area. Figure 2 is a larger scale site-specific map showing the hydrostatic test water storage location. Figure 3 is a larger scale site-specific map showing the pipeline cleaning solution storage location

Item e. A demonstration of compliance to the following siting criteria or justification for any exceptions:

- ***i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;***
- ***ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain;***
- ***iii. Within, or within 500 feet of, a wetland;***
- ***iv. Within the area overlying a subsurface mine; or***
- ***v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.***

According to Mr. Nestor Vigil, EPNG's Senior Technician, evidence of the above listed features is present within the required radius limits of the proposed staging area of hydrostatic test water. Mr. Vigil performed a site visit to look for the presence of watercourses, lakebeds, sinkholes, playa lakes, wells, wetlands, residences, schools, hospitals, institutions, mines and churches. According to Mr. Vigil, the Animas River green-belt is located approximately 435 feet southeast of the temporary frac-tank staging area near MP 12 and the nearest residence to this location approximately 90 feet. Mr. Vigil did not observe any of the items under "i." above, water wells, mines, schools, hospitals or churches near this location. A Certification of Siting Criteria from Mr. Vigil is attached in Appendix B.

A search for surrounding water wells was completed to satisfy a portion of this requirement. The New Mexico Water Rights Reporting System (NMWRRS, [iWaters]) database at the New Mexico Office of the State Engineer was used for this search, which was conducted on December 30, 2009. According to the search, a single water well may be located within 1,000 feet of the proposed cleaning solution storage area and another well is located approximately 1,000 feet east of the temporary frac-tank staging area near MP 12. These well, points of diversion numbers are 1426, located in the SE/4, NW4, Section 14, Township 29N, Range 11W and SJ01894, located in the SW/4, NW4, Section 6, Township 29N, Range 12W, respectively. It

is unknown if this well is active, inactive, or abandoned. No water storage area will be located within 1,000 feet of a well head protection area.

Mr. Mike Tompson with the New Mexico Abandoned Mine Lands Program (505-476-3427) was contacted to assess the presence of abandoned subsurface mines in the vicinity of the temporary frac-tank staging areas. According to Mr. Tompson, there is no record of abandoned subsurface mines in these areas. A copy of an email from Mr. Tompson is attached in Appendix C. According to "New Mexico Mines, Mills and Quarries" data base maintained by the New Mexico Energy Minerals and Natural Resources Department, there are no active mines in the vicinity of the temporary frac-tank staging areas. According to the NM Tech "Pit Rule Mapping Portal" data base, there are no active or inactive mines in the vicinity of the temporary frac-tank staging areas. A figure generated from this portal is included in Appendix C.

Federal Emergency Management Administration (FEMA) flood insurance rate maps were generated from the FEMA website to search for 100-year floodplains in the proposed hydrostatic test water storage area. According to the FEMA website, the temporary frac-tank storage location is not within a floodplain. The FEMA flood insurance rate map for this area is attached under Appendix D.

Item f. A brief description of the activities that produce the discharge;

Pressure testing with water, known as hydrostatic testing, is one of the tools pipeline operators use to verify pipeline integrity. The test involves purging the natural gas from the pipeline, cleaning the pipeline with an aqueous, non-hazardous cleaning fluid, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for approximately nine hours. The purpose of hydrostatic testing in a pipeline is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. If leaks or breaks occur, the pipeline is repaired or the affected areas is replaced and then re-tested. The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Approximately 140,500 gallons of public utility water from the City of Farmington will be used for the hydrostatic test and pipeline cleaning.

Item g. The method and location for collection and retention of fluids and solids;

The approximately 1,000 gallons of N-Spec 120 cleaning solution used to clean the pipeline will be moved from the 21,000-gallon frac-tank via hoses and/or flexible pipe and routed directly to the pipeline at the Blanco compressor station. The frac-tank will be located within 50 feet of the point of connection on the 3201 pipeline. The secondary containment around the frac-tank will consist of 80 mil plastic sheeting placed over a berm constructed of straw bales and secured with metal "T" posts. The location of the frac-tank and the pipeline discharge point are presented in (Figure 3).

After cleaning the pipeline, the entire volume of N-Spec 120 cleaning solution and water will be transferred back into the frac-tank and a pre-disposal composite sample will be collected and submitted to an EPA-approved analytical laboratory for waste characterization, including analysis for corrosivity, ignitability, reactivity, and toxicity, and/or other characterization as required by Mesa Environmental or Thermo-Fluids (see contact information under Item b.).

The approximately 140,500 gallons of water used for hydrostatic testing of the 3201 pipeline will be removed from the pipeline via hoses and/or flexible pipe using drip pans under the connection points and stored in 7 frac-tanks with secondary containment at the hydrostatic test water storage area (Figure 2). The frac-tanks will be located within 60 feet of the point of

connection on the 3201 pipeline. The secondary containment around the frac-tanks will consist of 80 mil plastic sheeting placed over a berm constructed of straw bales and secured with metal "T" posts. When not in use, all individual tank valves will be closed and locked. Solids are not anticipated to be produced from the hydrostatic testing. EPNG also plans to have the frac-tank staging area under 24-hour security surveillance.

Item h. A brief description of best management practices to be implemented to contain the discharge onsite and to control erosion;

EPNG intends to discharge the hydrostatic test water in Class I disposal well. The water will be transported off the project site using DOT approved tanker trucks. No upland discharges are planned or intended.

Item i. A request for approval of an alternative treatment, use, and/or discharge location (other than the original discharge site), if necessary;

In the event that the hydrostatic test water is found to be unsuitable for down-hole injection, EPNG will acquire a temporary identification number from the US Environmental Protection Agency for the waste and it will be properly transported and disposed of at a RCRA permitted Treatment, Storage, and Disposal facility. EPNG will provide to NMOCD, the name and address of the facility and the appropriate disposal documentation.

Item j. A proposed hydrostatic test wastewater sampling plan;

Analytical sampling for the hydrostatic test water will consist of the acquisition of the water quality analysis from the City of Farmington. EPNG will not collect and analyze a pre-test sample of the water obtained from the City of Farmington. Analytical data from the City of Farmington will be used as a baseline to determine if the water is suitable for use.

Prior to hydrostatic testing of the 3201 pipeline, the approximately 140,500 gallons of utility water will be transferred from the City of Farmington into frac-tanks located within EPNG's 3201 pipeline easement (See location information under Item c., and Figures 2 and 3).

After the hydrostatic testing of the 3201 pipeline, the approximately 140,500 gallons of water will be transferred from the pipeline back into the same frac-tanks that were used to store the water. A single pre-disposal 7-point composite sample (one point from each tank) will be collected from these tanks and submitted to an EPA-approved analytical laboratory.

The pre- and post hydrostatic test water samples will be analyzed for corrosivity, ignitability, reactivity, and toxicity, and/or other characterization as required by Key Energy Analytical results of the post hydrostatic test water will be submitted to the NMOCD with a recommendation for disposal of the hydrostatic test water into a Class 1 injection well.

Item k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from test exceeds the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

All fluids will be containerized, tested, and then transported for disposal as described under items i. and f. No solid waste is anticipated. In the event that the hydrostatic test water is found to be unsuitable for down-hole disposal, will acquire a temporary identification number from the US Environmental Protection Agency for the waste and it will be properly transported and disposed of at a RCRA permitted Treatment, Storage, and Disposal facility. EPNG will provide to NMOCD, the name and address of the facility and the appropriate disposal documentation.

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Following disposal characterization, the 1,000 gallons of cleaning solution used to clean the 3201 pipeline before hydrostatic testing will be transported off-site via DOT-approved tanker trucks for treatment and disposal by Mesa Environmental or Thermo-Fluids (see contact information under Item b.).

Item l. A brief description of the expected quality and volume of the discharge;

The hydrostatic test water will be analyzed to assess if the constituent concentrations in the water meet the disposal requirements of Key Energy for their Class 1 injection well. Based on historical data collected from previous hydrostatic test events using similar cleaning techniques before introducing the test water, the quality of the water is expected to meet regulatory limits. The volume of the hydrostatic test water is expected to be approximately 140,500 gallons.

Item m. Geological characteristics of the subsurface at the proposed discharge site;

Regional Features
The water storage location is within the north-central part of the San Juan Basin, a large asymmetric structural depression that contains Paleozoic and Mesozoic sediments up to 15,000 feet thick. The area is characterized by bedrock hillsides and mesas and Pleistocene gravel terraces of the San Juan and Animas Rivers.

Site Geology
The water storage areas are located on alluvium or the Nacimiento, Kirtland or Fruitland Formations The alluvium in the water storage areas consists of fine to course sands, clays and varying combinations of the two. This alluvium was deposited by both fluvial and eolian action. The soils tend to be weak, compressible and moderately permeable. The thickness of alluvium ranges from less than 3 to more than 75 feet, and drapes the Nacimiento, Kirtland or Fruitland Formations (Stone, et. al., 1983).

Item n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge;

Regional Hydrogeology
Three ground-water systems are present in the Tertiary and younger sedimentary deposits in this portion of the San Juan Basin.

- Confined aquifers in Tertiary sandstone units.
- Unconfined (water table) aquifers in Tertiary sandstone units near outcrop areas.
- Unconfined (water table) aquifers in the Quaternary alluvium in or near river valleys and tributaries.

Local Groundwater Hydrology. Two groundwater regimes exist near the discharge sites:

1. Unconfined aquifers in the alluvium beneath the water storage areas; and
2. Unconfined sandstone aquifers in the Paleocene Nacimiento Formation or Cretaceous Kirtland or Fruitland Formations below the alluvium (Stone, et. al., 1983).

Groundwater in the vicinity of the discharge may be as shallow as six feet below ground surface in the alluvium or as deep as deep as 235 feet in the Nacimiento Formation (Stone, et. al., 1983).

Total dissolved solids concentration (derived from specific conductance) in the shallowest water affected by the discharge is between 960 and 3,840 milligrams per liter (iWaters, 2009).

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Item o. Identification of landowners at and adjacent to the discharge collection/retention site.

Landowners of the collection/retention sites:

At Blanco Plant (for the cleaning solution retention) and at MP 12 + 1500 (hydrostatic test water staging area):

El Paso Natural Gas Company
2 North Nevada Ave.
Colorado Springs, CO 80903

Landowners along the EPNG right-of-way affected by the hydrostatic testing:

George E. Hutchison
R. D. Golding
Joe O. Campbell
George A. Greenwood
George A. McColm
D. & R. G. W. Railroad
B. E. Dustin
Elbie S. Evans
United States of America (Bureau of Land Management)

Landowners within 1/3-mile of the boundary of the temporary frac-tank storage area on EPNG property within the pipeline easement:

This landowners list is provided in Appendix E and a map showing the locations of these landowners is provided in Appendix F. EPNG it will provide all affected landowners with a brief description of the work involved.

As deemed necessary by NMOCD, a public notice will be posted in accordance with Subsections A, B, D and F of NMAC 20.6.2.3108 at the frac-tank staging areas (Figures 2 and 3), the Farmington, New Mexico Post Office, and published in the Farmington Daily Times newspaper. Copies of the English and Spanish versions of the public notices are presented in Appendix G. EPNG it will provide all affected landowners with a brief description of the work involved.

References

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Geological, hydrological, hydrogeological, and depth/quality of groundwater information obtained from the EPNG, July 1999, Blanco Discharge permit application.

iWaters Database search, December 2009, New Mexico Office of the State Engineer

"New Mexico Mines, Mills and Quarries", Database search, January 2010, New Mexico Energy Minerals and Natural Resources Department.

NMOCD Pit Rule Mapping Portal Database search, January 2010, http://216.93.164.45/prrc_MF/

Stone, W., Lyford, F., Frenzel, P., Mizell, N., and Padgett, E. 1983, Hydrology and Water Resources of the San Juan Basin, New Mexico, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

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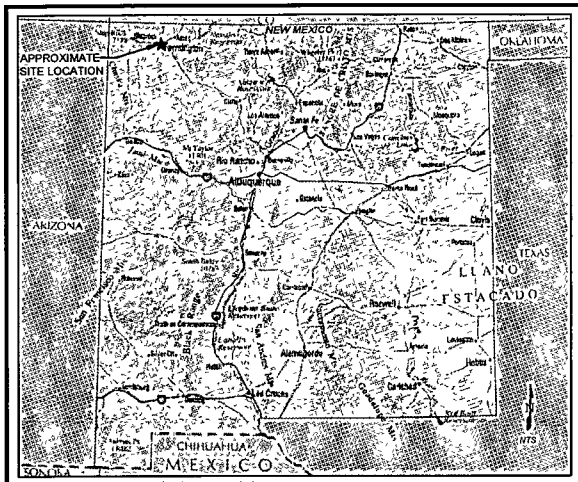
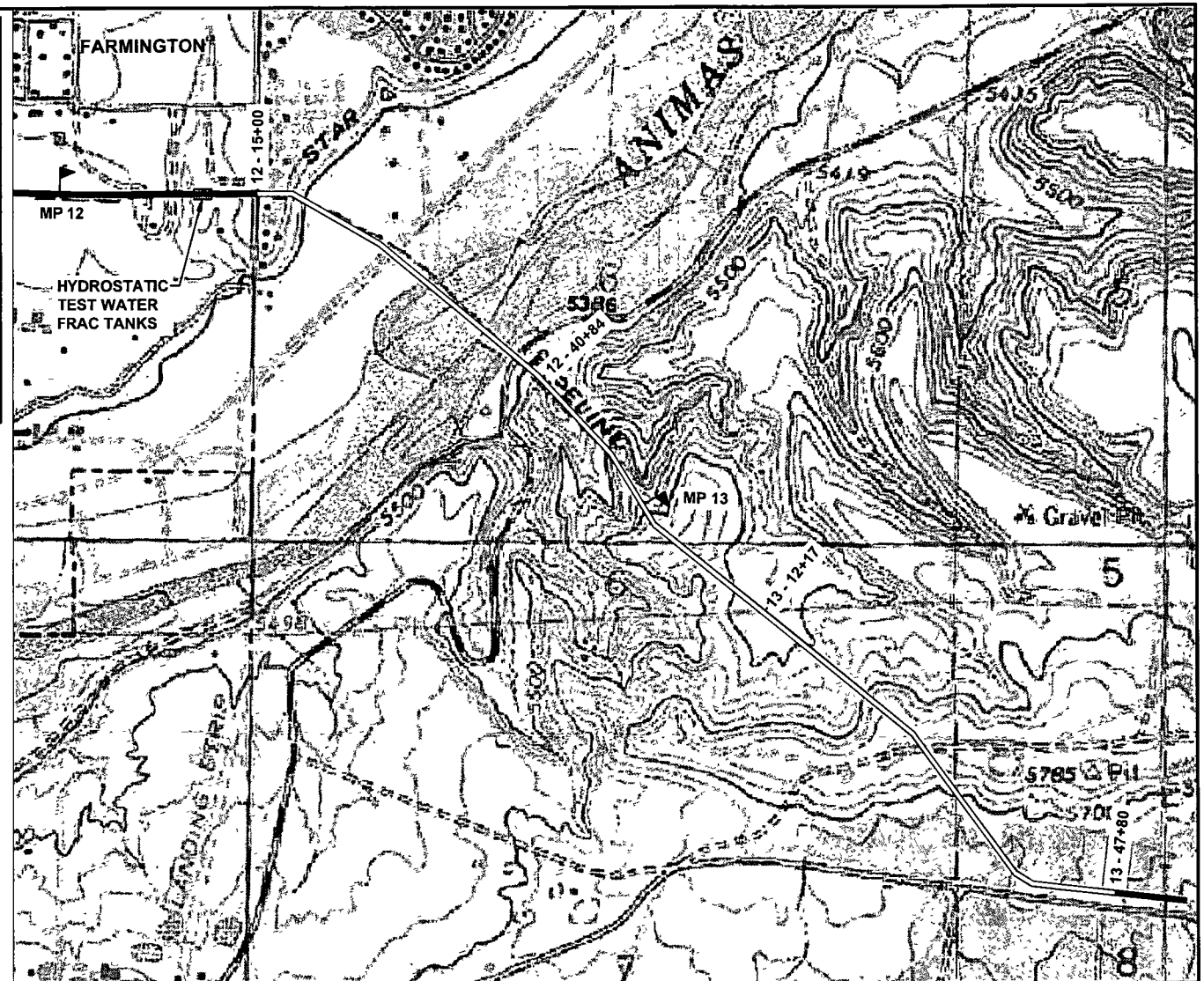
FIGURES

ATTACHED IMAGES Images 3201 pipeline parcel map-SJCo jpg Images 41006 jpg Images New Mexico State Map bmp Images page 2 sta 46+99 JPG Images Sta 46+99 matchline JPG Images Topo jpg
ATTACHED XREFS
ALBUQUERQUE, NM
CAD FILE C:\DOCUME~1\PDan\LOCALS~1\Temp\AcPublish_3056\ LAYOUT Layout1



SOURCE Base map provided by *nationalatlas gov*



SOURCE Topo map created from mapcard com

LEGEND

- APPROXIMATE EPNG 3201 Pipeline
- APPROXIMATE HYDROSTATIC TEST LOCATION
- APPROXIMATE HYDROSTATIC TEST WATER FRAC TANKS LOCATION
- APPROXIMATE MILE POST MARKERS
- APPROXIMATE SITE LOCATION

NOTE

EPNG 3201 Pipeline recreated from 03201 00-003 20 dwf from EPNG

N

800 0 400 800 ft

APPROXIMATE SCALE 1 inch = 800 feet

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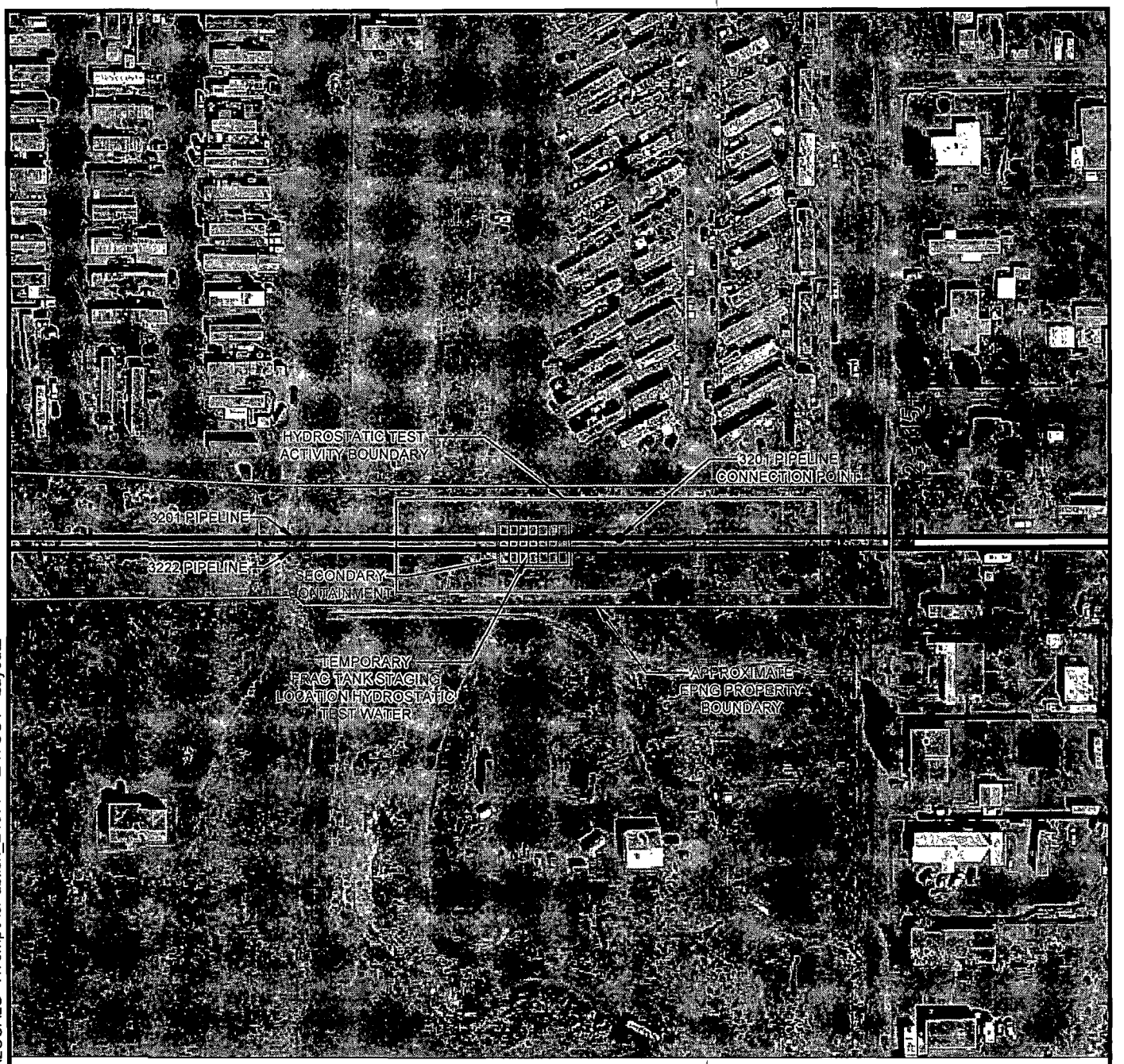
EPNG 3201 PIPELINE UNDERGOING HYDROSTATIC TEST

EPNG - 3201 PIPELINE HYDROSTATIC TEST
SAN JUAN COUNTY
FARMINGTON NEW MEXICO

ORIGINATOR M WIKSTROM	DRAWING CATEGORY 1
APPROVED BY	

FIGURE 1



N

150 0 75 150 ft

APPROXIMATE SCALE 1 inch = 150 feet

SOURCE Aerial map created from http //sjcounty net

NOTE
EPNG 3201 Pipeline recreated from 03201 00-003 20 dwf from EPNG

LEGEND

- APPROXIMATE EPNG 3201 &3222 PIPELINE
- APPROXIMATE HYDROSTATIC TEST SEGMENT
- APPROXIMATE HYDROSTATIC TEST WATER FRAC TANKS
- PIPELINE CONNECTION POINT

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CHECKED BY	MW
FILE NAME	83107_3201_01 dwg

TEMPORARY FRAC TANK STAGING HYDROSTATIC TEST WATER LOCATION

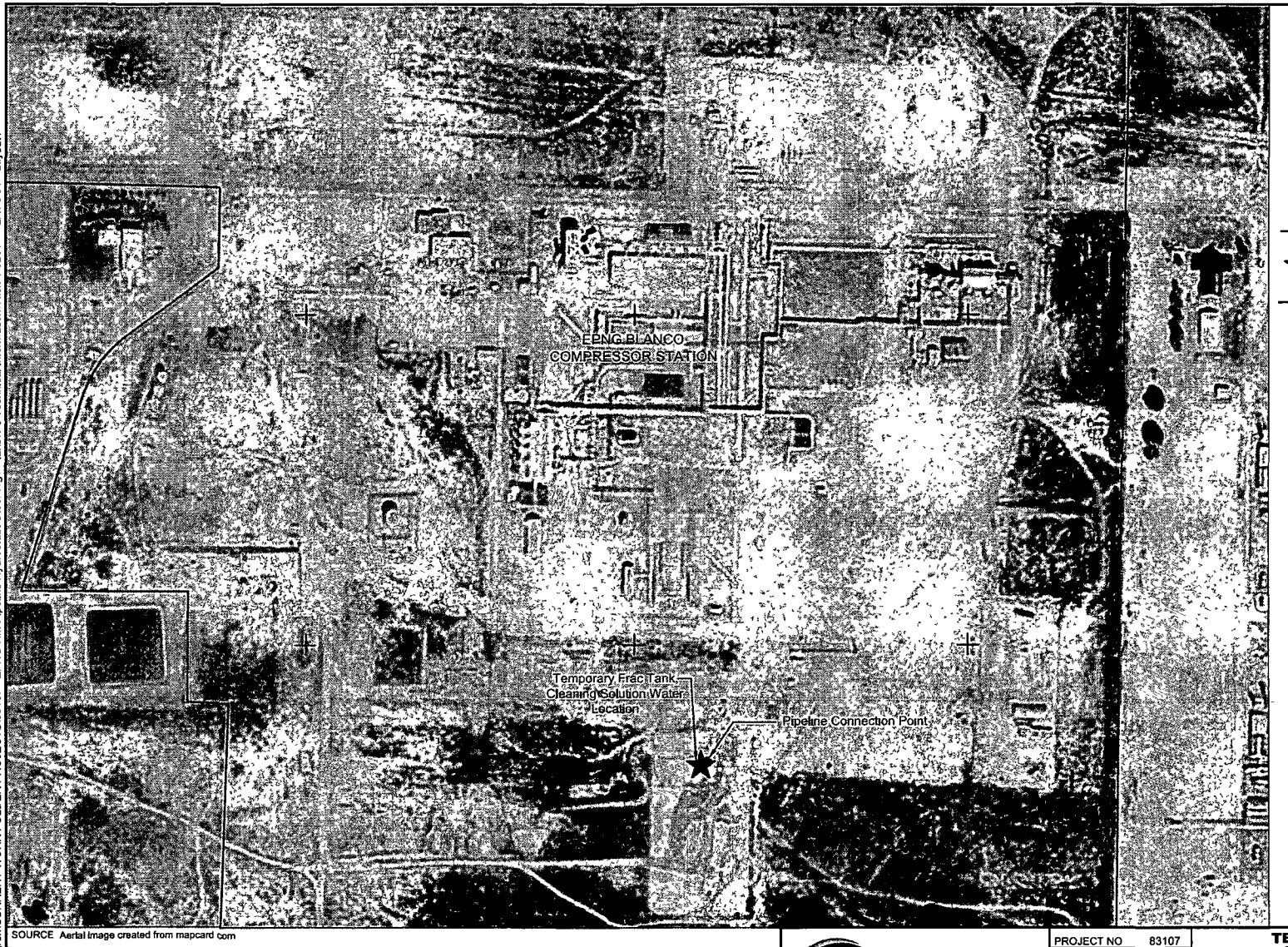
EPNG 3201 HYDROSTATIC TEST
SAN JUAN COUNTY
FARMINGTON, NEW MEXICO

ORIGINATOR M WIKSTORM
APPROVED BY
DRAWING CATEGORY 1

FIGURE **2**

ATTACHED IMAGES
ATTACHED XREFS
ALBUQUERQUE, NM

CAD FILE C \DOCUME~1\PDan\LOCALS~1\Temp\AcPublish_2497\ LAYOUT Layout2 Images 3201 pipeline parcel map-SJCo.jpg Images 41006 jpg Images New Mexico State Map.bmp Images page 2 sta 46+99 JPG Images Sta 46+99 matchline.JPG Images Topo jpg



LEGEND

- TEMPORARY FRAC TANK, CLEANING SOLUTION WATER LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- PIPELINE CONNECTION POINT

N

250 0 125 250 ft

APPROXIMATE SCALE 1 inch = 250 feet

SOURCE Aerial Image created from mapcard com

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PROJECT NO	83107
DRAWN	DEC 2009
DRAWN BY	PD
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FILE NAME	83107_3201_03 dwg

TEMPORARY FRAC TANK STORAGE LOCATIONS

EPNG 3201 HYDROSTATIC TEST
SAN JUAN COUNTY
BLOOMFIELD, NEW MEXICO

ORIGINATOR M WIKSTROM	DRAWING CATEGORY 1
APPROVED BY	

FIGURE 3

ATTACHED IMAGES Images mapcard_aerial JPG
ATTACHED XREFS
ALBUQUERQUE, NM
CAD FILE G \Environ\CURRENT WORK FOLDER PROJECTS\83107 - EPNG NM Pipeline Hydrostatic Discharge Plans\4 0 Technical Information\Task 4-3201 LAYOUT Layout1

APPENDIX A
Material Safety Data Sheets for N-Spec 120 Cleaner

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	**N-SPEC 120 Cleaner**
Supplier	Coastal Chemical Co , L L C 3520 Veterans Memorial Drive Abbeville, LA 70510 337-893-3862
Synonym	Not available.
Trade name	Not available.
Material Uses	Not available.
Manufacturer	Coastal Chemical Co , L L C 3520 Veterans Memorial Drive Abbeville, LA 70510 337-893-3862

Code	
MSDS#	Not available.
Validation Date	**9/2/2004**
Print Date	9/2/2004
Responsible Name	**Charles Toups**

In Case of Emergency Transportation Emergency Call CHEMTREC 800-424-9300 Other Infomation Call Charles Toups 337-261-0796

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Confidential infomation			

Section 3. Hazards Identification

Physical State and Appearance Liquid.

Emergency Overview

CAUTION!
MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Keep away from heat, sparks and flame. Avoid contact with eyes. Do not ingest. Avoid prolonged or repeated contact with skin. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of Entry Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Skin Irritation of the product in case of skin contact: Not available.
Hazardous in case of skin contact

Inhalation Hazardous in case of inhalation.

Ingestion Hazardous in case of ingestion.

Potential Chronic Health Effects

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Overexposure /Signs/Symptoms Not available.

See Toxicological Information (section 11)

Continued on Next Page

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	Not available
Auto-ignition Temperature	Not available.
Flash Points	Tested - No Flash present
Flammable Limits	Not available.
Products of Combustion	These products are carbon oxides (CO, CO2), sulfur oxides (SO2, SO3...).
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	Not available.

Section 6. Accidental Release Measures

Small Spill and Leak	The concentrated form of this material is a cleaner. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.
Large Spill and Leak	The concentrated form of this material is a cleaner. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.

Continued on Next Page

Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.
Storage	Keep container tightly closed and in a well-ventilated place.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	
Eyes	Safety glasses.
Body	Lab coat.
Respiratory	Wear appropriate respirator when ventilation is inadequate.
Hands	Impervious gloves.
Feet	Not applicable.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name	Exposure Limits
Confidential infomation	

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Molecular Weight	Not applicable.
Molecular Formula	Not applicable.

Odor	Not available.
Taste	Not available.
Color	Blue. (Dark.)

pH (1% Soln/Water)	6 to 8 [Neutral.]
Boiling/Condensation Point	The lowest known value is 100°C (212°F) (Water). Weighted average: 140.43°C (284.8°F)
Melting/Freezing Point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -46.19°C (-51.1°F)
Critical Temperature	Not available.
Specific Gravity	0.9 to 0.98 (Water = 1)
Vapor Pressure	The highest known value is 2.3 kPa (17 2 mm Hg) (at 20°C) (Water). Weighted average: 1.17 kPa (8.78 mm Hg) (at 20°C)
Vapor Density	The highest known value is 5.11 (Air = 1). Weighted average: 2.93 (Air = 1)
Volatility	Not available.
Odor Threshold	The highest known value is 34.6 ppm
Evaporation Rate	0.02 compared to Butyl acetate
VOC	Not available.

Continued on Next Page

Viscosity	Not available.
LogK$_{ow}$	The product is much more soluble in water.
Ionicity (in Water)	Anionic.
Dispersion Properties	See solubility in water, methanol, diethyl ether.
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Insoluble in n-octanol.
Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Not available.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids. Slightly reactive to reactive with reducing agents.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): 1900 mg/kg [Rat]. Acute dermal toxicity (LD50): 9510 mg/kg [Rabbit].
Chronic Effects on Humans	No additional remark.
Other Toxic Effects on Humans	Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (irritant). Slightly hazardous in case of skin contact (sensitizer).
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.
	These products are carbon oxides (CO, CO_2) and water, nitrogen oxides (NO, NO_2..), sulfur oxides (SO_2, SO_3...), phosphates. Some metallic oxides.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.

Continued on Next Page

Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Consult your local or regional authorities.

Section 14. Transport Information

Shipping Description	Not a DOT controlled material (United States).
	Not regulated.
Reportable Quantity	11061.8 lbs. (5016.7 kg)
Marine Pollutant	Not regulated - Alkylaryl sulfonate amine salt - less then 10 % .
Special Provisions for Transport	Contains alkylbenzenesulfonate

Section 15. Regulatory Information

HCS Classification	CLASS: Target organ effects.
U.S. Federal Regulations	TSCA 8(a) PAIR: contains Alkylbenzenesulfonate SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
International Regulations	
EINECS	Not available.
DSCL (EEC)	Risk to eyes. May cause irriationby skin contact. R322- May be harmful if swallowed. R36/38- Irritating to eyes and skin.
International Lists	No products were found.
State Regulations	Pennsylvania RTK: Dipropylene glycol monomethyl ether; Trade Secret; Gylcol Ether PNB Florida: Dipropylene glycol monomethyl ether; Ethanol Minnesota: Dipropylene glycol monomethyl ether Massachusetts RTK: Dipropylene glycol monomethyl ether; Ethanol New Jersey: Ethanol; Gylcol Ether PNB **WARNING:** This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Ethanol

Continued on Next Page

Section 16. Other Information

Label Requirements MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Hazardous Material Information System (U.S.A.)

Health	*	1
Fire Hazard		0
Reactivity		0
Personal Protection		B

National Fire Protection Association (U.S.A.)

References Not available.

Other Special Considerations Not available.

Validated by Charles Toups on 9/2/2004.

Verified by Charles Toups.

Printed 9/2/2004.

Emergency Phone
Transportation Emergency Call
CHEMTREC 800-424-9300
Other Information Call
Charles Toups
337-261-4798

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

APPENDIX B
Certification of Siting Criteria

1 Certification of Siting Criteria

Hydrostatic Testing of Line 3201

On January 13, I, Nestor C. Vigil, performed a site visit to look for the presence of the items listed below. Some were observed within the specified distance for each item listed below from the edge of the pipeline right of way to site where the water storage tanks will be located at mile post 12 + 1500 on Line 3201 in San Juan County, NM. The hydro-test water will also be introduced to the pipeline at this site. A note beside each item below describes my observations.

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake; *NOTE: The actual Animas River is further than this distance.*

ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain; *NOTE : I will defer to the statement and research from our consultant, Kleinfelder. This information is included as part of the NOI.*

iii. Within, or within 500 feet of, a wetland; *NOTE: Yes, the Animas River's green belt (the bosque) is a distance of 435 feet.*

iv. Within the area overlying a subsurface mine; *NOTE: No.*

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church. *NOTE: Yes. The nearest home (mobile home) is north of the site and is 90 feet from where the tanks are planned to be staged.*

On behalf of El Paso Natural Gas, I state that the above information is complete and true to the best of my knowledge.

Nestor C. Vigil

Nestor C. Vigil, Jr.
Senior Technician

1-15-10
Date

APPENDIX C
Copy of Email from the New Mexico Abandoned Mine Lands Program

From: "Tompson, Mike, EMNRD" <Mike Tompson@state nm us>
To: "Marco Wikstrom" <MWikstrom@kleinfelder com>
Date: 12/30/2009 10 13 AM
Subject: RE Abandoned Mines in Farmington

Marco,

I have no record on any abandoned mines in the three sections you mentioned But just a reminder that there are many abandoned mines out there that we don't know about

Hope this helps

Mike Tompson
New Mexico Abandoned Mine Land Program
(505) 476-3427

From Marco Wikstrom [mailto MWikstrom@kleinfelder com]
Sent Wednesday, December 30, 2009 10 03 AM
To Tompson, Mike, EMNRD
Subject Abandoned Mines in Farmington

Mike,

We're doing another hydrostatic test in the Farmington area and need to know if there are any known abandoned mines in the following areas

S-1, T-29N, R-13W

S-6, T-29N, R-12W

S-14, T-29N, R-11W

Thanks,

Marco

Marco Wikstrom

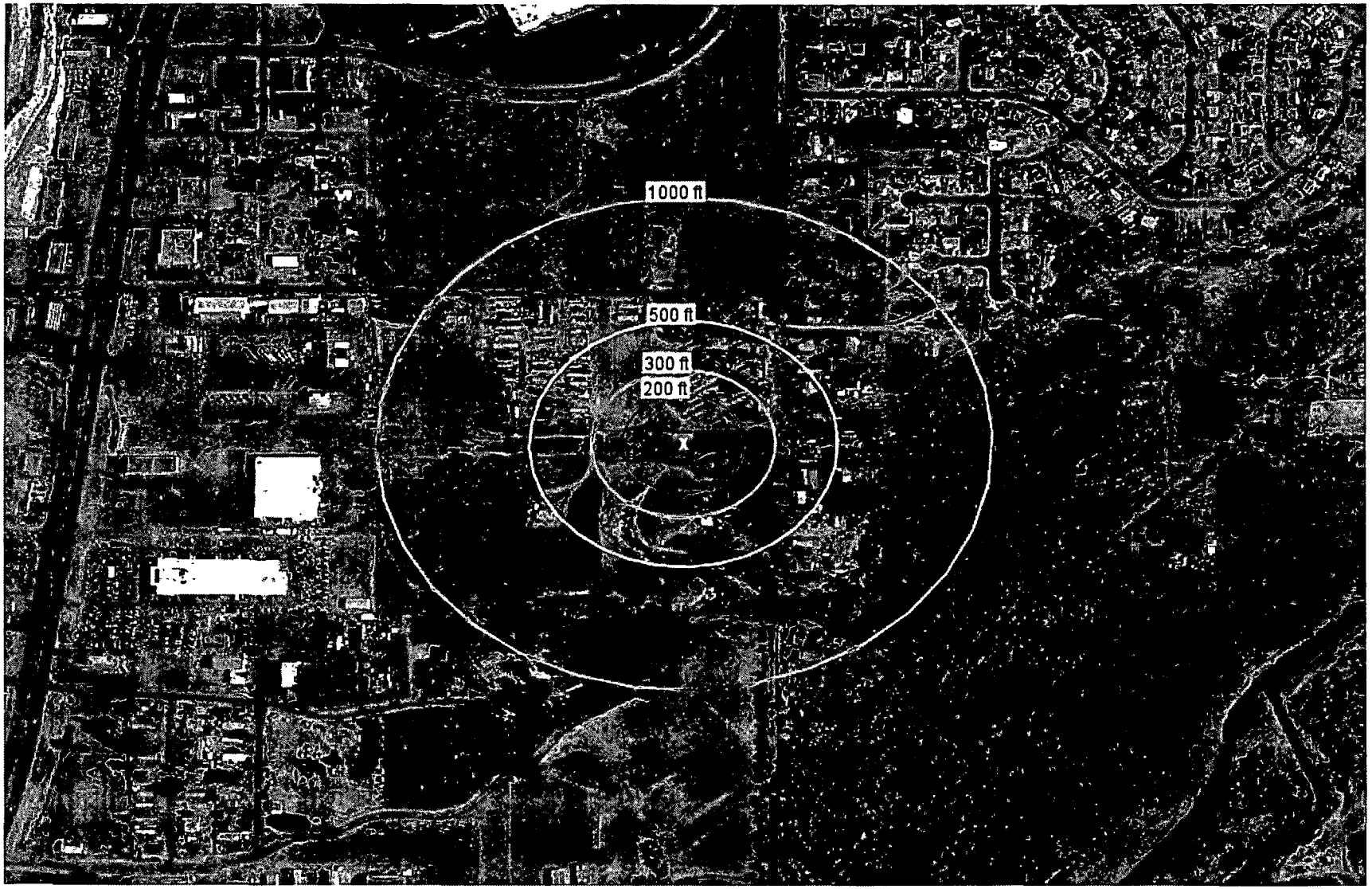
Staff Geologist

KLEINFELDER

mwikstrom@kleinfelder com
(505) 344-7373 Office
(505) 344-1711 Fax

8300 Jefferson NE Suite B
Albuquerque, NM 87113

P

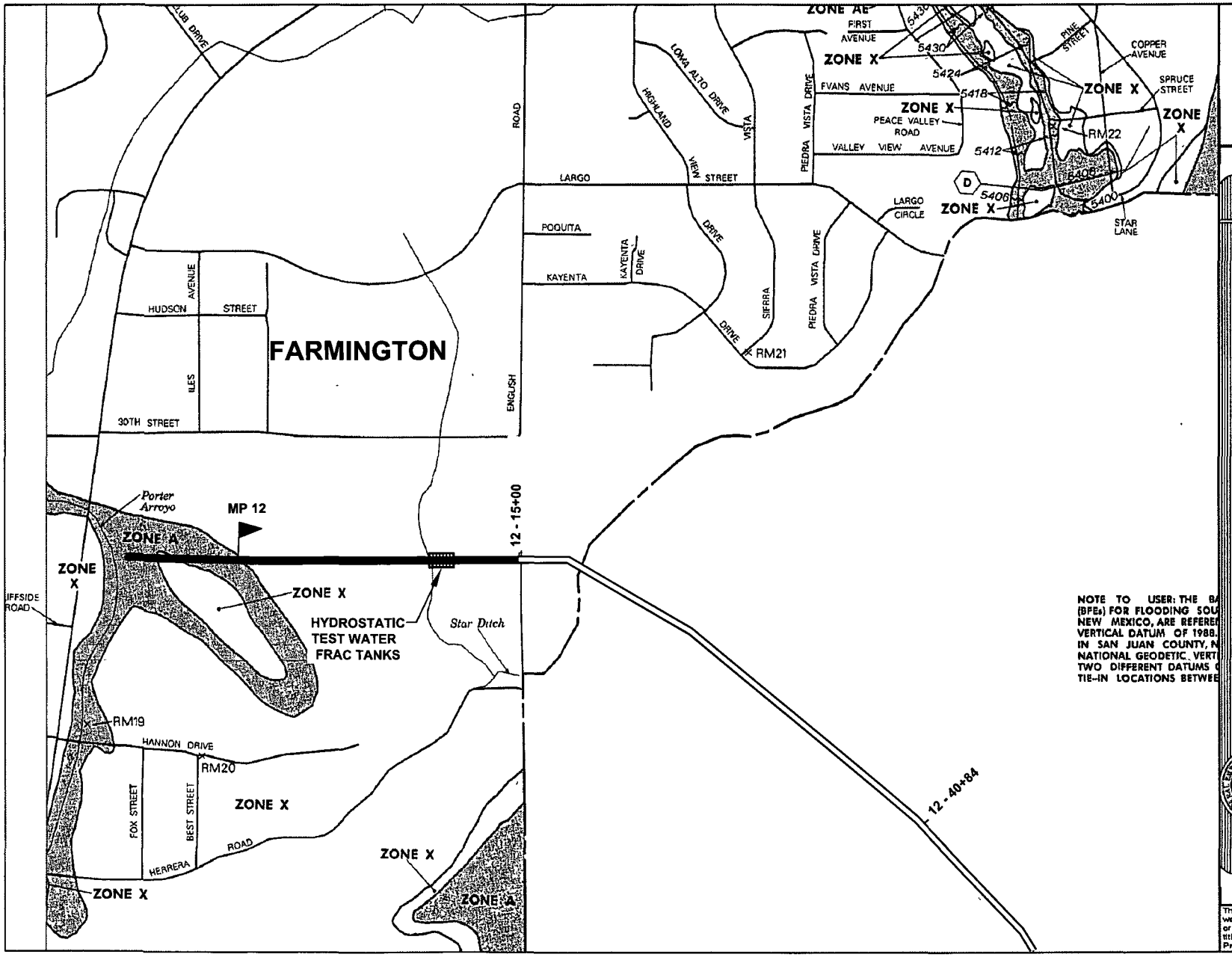


0 200 400ft

N
W E
S

Petroleum Recovery Research Center	Mines In The Vicinity of MP 12 15+00	Figure: 1
	EPNG 3201 Pipeline Hydrostatic Test	Jan 21, 2010

APPENDIX D
Federal Emergency Management Administration Flood Insurance Rate Maps



NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
FARMINGTON,
NEW MEXICO
SAN JUAN COUNTY

PANEL 44 OF 150
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY–PANEL NUMBER
3500870044 E

MAP REVISED:
MAY 15, 2002

Federal Emergency Management Agency

APPENDIX E
List of Landowners within 1/3 Mile of the Boundary of the Temporary Frac-tank Storage Area near MP 12 15 + 00

Landowners within 1/3 mile of the 3201 Pipeline undergoing hydrostatic testing

Parcel No.	Owner Name	Owner Addr	City St Zip
2072173429 276	KERBY CONST CO INC	1025 NM 516	AZTEC, NM 874102821
2072173436 255	KERBY CONST CO INC	1025 NM 516	AZTEC, NM 874102821
2073173105 236	WIMSATT REVOCABLE TRUST	4400 HANNON DR	FARMINGTO N, NM 874028718
2073173117 236	BAIRD STEPHEN J	4350 HANNON DR	FARMINGTO N, NM 874028716
2073173142 209	WU ALEXANDER JH AND MARTHA M ET AL	4307 HANNON DR	FARMINGTO N, NM 87402
2073173138 200	MILLER RALPH W TRUSTEES	P O BOX 2156	FARMINGTO N, NM 874992156
2073173118 206	CARMAN BOBBY V AND BETTY J TRUST	4306 HANNON DR	FARMINGTO N, NM 874028716
2073173101 206	WIMSATT REVOCABLE TRUST	4400 HANNON DR	FARMINGTO N, NM 874028718
2073173088 215	VARENHORST DONALD W TRUST	4501 HANNON DR	FARMINGTO N, NM 87402
2073173042 184	BURLINGTON RESOURCES OIL AND GAS	801 CHERRY	FORT WORTH, TX 76102
2073173042 184	BURLINGTON RESOURCES OIL AND GAS	801 CHERRY	FORT WORTH, TX 76102
2073173067 247	HUFFMEYER JOHN AND JOYCE TRUST	4600 HANNON DR	FARMINGTO N, NM 874028722
2073173110 247	CLARK DARREL M ET UX	4500 HANNON DR	FARMINGTO N, NM 874018720
2073173132 247	OLGUIN PAUL S ET UX	4308 HANNON DR	FARMINGTO N, NM 874028716
2073173143 233	CARMAN BOBBY V AND BETTY J TRUST	4306 HANNON DR	FARMINGTO N, NM 874028716
2073173163 246	FERRARI REED J SR	1512 DIAMOND CIR	GALLUP, NM 23963

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173178 300	WEBB MARLO L TRUSTEES	P O BOX 127	FARMINGTON, NM 874990127
2073173096 302	KAIME FAMILY LLC	5007 MEAD LN	FARMINGTON, NM 87402
2073173176 314	PENNINGTON PARTNERSHIP LTD	401 W BROADWAY	BLOOMFIELD, NM 87413
2073173019 367	HOLT JAMES J ET UX	395 SHOOTER LN	IGNACIO, CO 81137
2073173046 367	URIBE ALBERTO O ET UXX	3701 MAJESTA ST	FARMINGTON, NM 874024688
2073173057 367	KAIME FAMILY LLC	5007 MEAD LN	FARMINGTON, NM 87402
2073173078 367	HOLLEY EDWIN AND HEIDI	2179 CR 526	BAYFIELD, CO 811229608
2073173114 359	GOLDING R D AND ROBERT D TRUST	1813 ZICKERT PL NW	ALBUQUERQUE, NM 87104
2073173126 378	GOLDING JAMES M	4601 GILA ST	FARMINGTON, NM 87402
2073173173 375	HALLIBURTON OIL WELL	P O DRAWER 1431	DUNCAN, OK 735360222
2073173175 403	CORDELL CARL A ET UX	703 N VINE	FARMINGTON, NM 87401
2073173157 406	XL CONCRETE COMPANY	3300 ILES ST	FARMINGTON, NM 874028614
2073173141 406	LOPEZ JEFFERY J AND RENEE J	PO BOX 1891	BLOOMFIELD, NM 87413
2073173157 420	MONTANO PASQUAL B ET UX	3312 WASHINGTON AVE	FARMINGTON, NM 874018626
2073173141 420	MONTANO PASQUAL B ET UX	3312 WASHINGTON AVE	FARMINGTON, NM 874018626
2073173157 436	HAMILTON W G INTER VIVOS TRUST ETAL	1199 MAIN AVE STE 226	DURANGO, CO 81301
2073173141 436	SANCHEZ ABRAN ET UX	3401 WASHINGTON	FARMINGTON, NM 874018627
2073173141 451	HAMILTON W G INTER VIVOS TRUST ETAL	1199 MAIN AVE STE 226	DURANGO, CO 81301
2073173066 429	ENGLISH LAND CO	15648 COUNTY RD 250	DURANGO, CO 813018695
2073173066 468	ENGLISH LAND CO	15648 CR 250	DURANGO, CO 813018695

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173115468	ENGLISH LAND CO	15648 CR 250	DURANGO, CO 813018695
2073173016481	ENGLISH LAND CO	15648 CR 250	DURANGO, CO 813018695
2072173506232	LAUGHTER DEWEY W TRUSTEES	715 N WALL	FARMINGTON, NM 874016089
2072173462198	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2072173462198	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 874012663
2072173379239	LOS NINOS LIMITED PARTNERSHIP	P O BOX 2766	FARMINGTON, NM 874992766
2072173518288	CHAVEZ MANUEL L	3002 ENGLISH LNS	FARMINGTON, NM 87401
2072173516299	CHAVEZ JOE F AND HELEN J	3004 1/2 ENGLISH RD	FARMINGTON, NM 87401
2072173514310	BEESON CURTIS L	3012 ENGLISH RD	FARMINGTON, NM 874018304
2072173394298	KEATON MICHAEL ET UX	5210 RAILROAD	FARMINGTON, NM 874015282
2072173514319	CHRISTIANA BANK AND TRUST CO	3100 ENGLISH RD	FARMINGTON, NM 874028306
2072173383298	CHANDLER LARRY N ET UX	5301 RAILROAD AVE	FARMINGTON, NM 87401
2072173372298	CHANDLER LARRY N ET UX	5301 RAILROAD AVE	FARMINGTON, NM 874015230
2072173419321	TEDROW ROBERT	3101 MC COLM DR	FARMINGTON, NM 87402
2072173520344	MC DANIEL WILLIE H AND JOAN M	3200 ENGLISH LN	FARMINGTON, NM 87401
2072173505336	MC DANIEL WILLIE H AND JOAN M	3200 ENGLISH RD	FARMINGTON, NM 87401
2072173423349	STEWART ROY DON ET UX	3105 MCCOLM	FARMINGTON, NM 874015261
2072173511372	HUFFMAN M J AND WILMA J	PO BOX 1283	FARMINGTON, NM 87499

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173423 366	MILLER ARNOLD D TRUSTEES	5109 CRITERION DR	FARMINGTO N, NM 874025257
2072173417 366	COLE WJ ET UX	3115 MC COLM DR	FARMINGTO N, NM 874025261
2072173478 369	PATE ROBERT O ET UX	3220 ENGLISH RD	FARMINGTO N, NM 87402
2072173436 369	VANCE JOHN EDWARD JR	5100 CRITERION DR	FARMINGTO N, NM 87402
2072173419 386	KREIDLER CECIL AND SHARI	5190 CRITERION	FARMINGTO N, NM 87402
2072173435 382	VANCE JOHN EDWARD JR	5100 CRITERION DR	FARMINGTO N, NM 87402
2072173478 384	FROST HAROLD D	P O BOX 5993	FARMINGTO N, NM 874995993
2072173511 384	HOLLETT VERNON O ET UX	3380 ENGLISH RD	FARMINGTO N, NM 874018310
2072173445 394	PAUL ERVIN AND JIM CHERYL	3330 BURSON LN	FARMINGTO N, NM 87402
2072173404 399	SHEPARD OSCAR S ET UX	5200 RAILROAD DR	FARMINGTO N, NM 874025256
2072173483 401	BLACKWELL C T AND JENNIFER L	4945 LESLIE PL	FARMINGTO N, NM 87402
2072173447 402	MARSHALL STEVEN R AND JANIE S	3340 BURSON LN	FARMINGTO N, NM 87402
2072173466 401	HEPNER JEREMY DOUGLAS AND JILL A	PO BOX 5666	FARMINGTO N, NM 87499
2072173475 401	DRAKE MOREEN	4965 LESLIE PL	FARMINGTO N, NM 874025360
2072173387 421	SHEPARD OSCAR S ET UX	5200 RAILROAD	FARMINGTO N, NM 874025256
2072173490 403	DRAKE KYLE A	4925 LESLIE PL	FARMINGTO N, NM 874020000
2072173447 409	SORRELHORSE JASON AND SANDRA S	3350 BURSON LN	FARMINGTO N, NM 87402
2072173349 390	J AND S OF AZTEC INC	912 HALLETT CIR	FARMINGTO N, NM 87401

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173512 407	GRAVLEE HARMON C	3400 ENGLISH RD	FARMINGTO N, NM 874028312
2072173447 416	EDWARDS JAMES F III ET UX	3360 BURSON LN	FARMINGTO N, NM 87401
2072173466 416	DAVIS HERBERT LEE	4990 LESLIE PL	FARMINGTO N, NM 87402
2072173475 416	GURULE JOSEPH A AND MONICA	4970 LESLIE PL	FARMINGTO N, NM 87401
2072173483 416	FROST FREDERICK J AND VELDA MARIE	4950 LESLIE PL	FARMINGTO N, NM 874020000
2072173490 414	SIMPSON JASON A AND LAUREN	4930 LESLIE PL	FARMINGTO N, NM 87402
2072173384 364	SHEPARD OSCAR S ET UX	5200 RAILROAD	FARMINGTO N, NM 874025256
2072173447 423	HOOVER SANDRA C	3370 BURSON LN	FARMINGTO N, NM 87401
2072173394 422	THORNTON EDNA F	5207 KAYENTA DR	FARMINGTO N, NM 874025277
2072173386 423	MARTINEZ RAY H AND NIEVES	5209 KAYENTA DR	FARMINGTO N, NM 874025277
2072173399 421	PEEPLES JAMES D	PO BOX 176	FLORA VISTA, NM 87415
2072173412 420	MASON STEPHEN M ET UX	5203 KAYENTA DR	FARMINGTO N, NM 874025277
2072173490 426	LAMBSON BURL L AND SYLVIA R	4915 JANICE PL	FARMINGTO N, NM 874028380
2072173515 423	3406 ENGLISH ROAD LLC	386 INGRASSIA RD	MIDDLETOW N, NY 109407244
2072173466 426	MILLER JOHN E AND LISA M	4975 JANICE PL	FARMINGTO N, NM 87402
2072173475 426	HUGES JASON N AND DAWN A	4955 JANICE PL	FARMINGTO N, NM 874028380
2072173482 426	RASCON EDWARD L ET UX	4935 JANICE PL	FARMINGTO N, NM 874108380
2072173447 430	CLEMENSEN KEITH V AND KIM	3390 BURSON LN	FARMINGTO N, NM 874028382
2072173494 429	PETERSON BRENT ETAL	4905 JANICE PL	FARMINGTO N, NM 87402

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173419426	CHRISMAN KURT H ET UX	5201 KAYENTA DR	FARMINGTON, NM 874025277
2072173427405	FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 87401
2072173312330	LOS NINOS LIMITED PARTNERSHIP	P O BOX 2766	FARMINGTON, NM 874992766
2072173515434	LOVATO EMMA	3414 ENGLISH RD	FARMINGTON, NM 87402
2072173424433	BUMBY GEORGE ERNEST ET UX	P O BOX 2441	FARMINGTON, NM 874992441
2072173398438	LOVETT JACK ET UX	3500 SIERRA VISTA	FARMINGTON, NM 874028353
2072173386438	HOUK KIMBERLAE AND ALAN TRUST	5202 KAYENTA DR	FARMINGTON, NM 87402
2072173429439	TELLER TRUDI	5105 KAYENTA DR	FARMINGTON, NM 87401
2072173466441	COX BRITTANY ETAL	4980 JANICE PL	FARMINGTON, NM 87402
2072173475441	SCOTT TAMI DIANE	4960 JANICE PLACE	FARMINGTON, NM 874028379
2072173481441	JAMES DAVID A AND CINDY S	4940 JANICE PL	FARMINGTON, NM 87402
2072173454440	EVERETT BRIAN K ET UX	3415 HIGHTLAND VIEW DR	FARMINGTON, NM 87402
2072173490442	SANCHEZ LONNIE AND ALICIA	4920 JANICE PL	FARMINGTON, NM 87402
2072173494439	FUSON ED AND RETA	P O BOX 5332	FARMINGTON, NM 87499
2072173515442	LOVATO EMILIA	3414 ENGLISH RD	FARMINGTON, NM 87402
2072173392444	JONES KURT DEAN	3502 SIERRA VISTA	FARMINGTON, NM 874028353
2072173445441	LEWIS ROGER W ET UX	3475 HIGHLAND VIEW DR	FARMINGTON, NM 874028322
2072173432444	PHELPS PERRY G AND ANN J TRUST	5103 KAYENTA DR	FARMINGTON, NM 87402
2072173412449	SAMPSON HARL ET UX	5104 KAYENTA DR	FARMINGTON, NM 874028367

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173436 450	STUBBS STEVEN L ET UX	5101 KAYENTA DR	FARMINGTO N, NM 874028366
2072173417 454	SHUPLA MONA G	5102 KAYENTA DR	FARMINGTO N, NM 87402
2072173451 458	TOLEDO DUANE ET UX	3402 HIGHLAND VIEW DR	FARMINGTO N, NM 874018323
2072173406 456	CHAVEZ LEONARD J	3503 SIERRA VISTA	FARMINGTO N, NM 874018352
2072173506 453	RUMORE JOSHUA AND SANDY A	3504 ENGLISH RD	FARMINGTO N, NM 87402
2072173422 461	SCHEIDEGGER CECELIA	3500 HIGHLAND VIEW DR	FARMINGTO N, NM 874018325
2072173445 462	HENSLEY SALLY	5007 KAYENTA DR	FARMINGTO N, NM 874028364
2072173451 466	BINGHAM LORRI	5005 KAYENTA DR	FARMINGTO N, NM 87402
2072173415 467	BEALL RUBY ET AL	3502 HIGHLAND VIEW DR	FARMINGTO N, NM 874018325
2072173471 468	MARTINEZ BARBARA L	1316 BRYAN AVE	WOLFFORTH, TX 79382
2072173478 468	CUNNINGHAM ROBERT J ET UX	4915 KAYENTA DR	FARMINGTO N, NM 874028335
2072173484 468	ENGLAND LARRY D ET UX	20 RD 2892	AZTEC, NM 874109742
2072173490 468	BARNEY MATTHEW J AND GURNEY PAMELA J	4911 KAYENTA DR	FARMINGTO N, NM 874028335
2072173495 468	MORRIS SAMUEL E TRUSTEES	4909 KAYENTA DR	FARMINGTO N, NM 874028335
2072173501 468	WERNER TAMARA D	4907 KAYENTA DR	FARMINGTO N, NM 874028335
2072173507 468	STONE KELLY B	4905 KAYENTA DR	FARMINGTO N, NM 87402
2072173513 468	BOUGEANT PAUL L	4903 KAYENTA DR	FARMINGTO N, NM 874028335
2072173519 468	WARREN MARTHA J	4901 KAYENTA DR	FARMINGTO N, NM 874028335
2072173431 474	TRANDY PROPERTIES LTD PARTNERSHIP	48 CR 5295	FARMINGTO N, NM 874021531

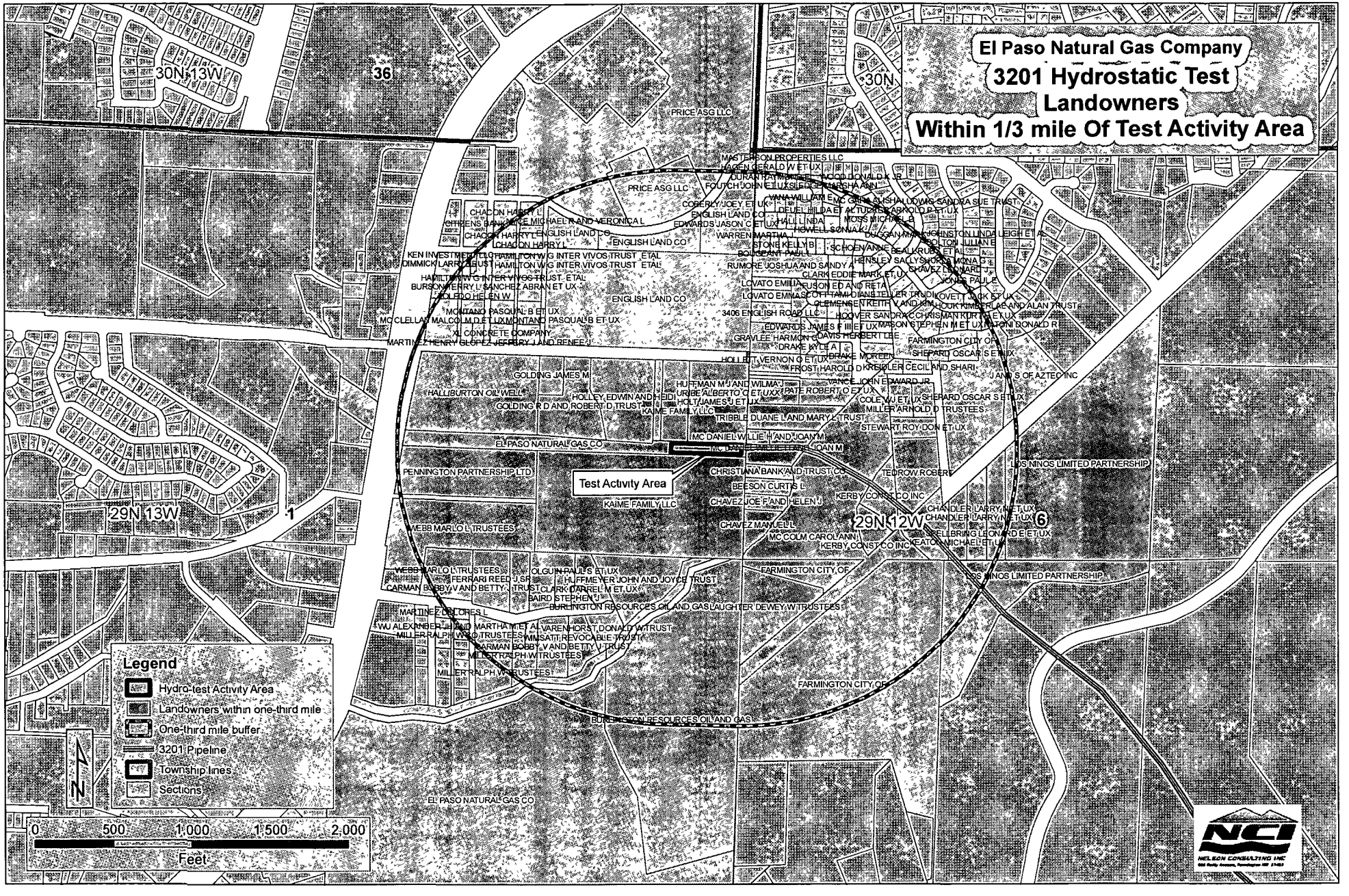
ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173436478	DUGGAN MARK	5008 KAYENTA DR	FARMINGTON, NM 87402
2072173478484	PILLING DOUG AND ISABEL	P O BOX 1099	FLORA VISTA, NM 87415
2072173462485	TRANDY PROPERTIES LTD PARTNERSHIP	48 CR 5295	FARMINGTON, NM 874011531
2072173485444	MARTINEZ PEDRO D ET UX	4910 KAYENTA DR	FARMINGTON, NM 87402
2072173491484	ADAMS STEVEN E AND PENNY C TRUST	7685 FOOTHILLS DR	FARMINGTON, NM 874020986
2072173497484	HALL LINDA	4906 KAYENTA DR	FARMINGTON, NM 874028336
2072173503484	SMITH KURT A AND VISNICH JULIE A	223 BLUE RIDGE	DURANGO, CO 81303
2072173509484	MONTANO MICHAEL DON ET UX	4902 KAYENTA DR	FARMINGTON, NM 87402
2072173519484	EDWARDS JASON C ET UX	5009 SANDALWOOD DR	FARMINGTON, NM 87402
2072173441482	TUCKER ARNOLD P ET UX	5006 KAYENTA DR	FARMINGTON, NM 87402
2072173454487	HOWELL SONJA K	5002 KAYENTA DR	FARMINGTON, NM 87401
2072173459493	SHEPHERD MICHAEL D AND JEANNE C	4926 KAYENTA CIR	FARMINGTON, NM 874028334
2072173478493	BRADLEY BILLY JO	4914 KAYENTA CIR	FARMINGTON, NM 874028334
2072173447488	MOSS MICHAEL D	5004 KAYENTA DR	FARMINGTON, NM 87402
2072173496494	ADAMS STEVEN E AND PENNY C TRUST	7685 FOOTHILLS DR	FARMINGTON, NM 87402
2072173504494	RODRIGUEZ VERONICA A	4905 POQUITA ST	FARMINGTON, NM 874028351

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2072173510 494	STAGEN KELLY LYNN	4878 ARENA	LAS CRUCES, NM 88012
2072173519 494	COBERLY JOEY ET UX	4901 POQUITA	FARMINGTON, NM 874018351
2072173488 496	DEUEL HILDA ET AL	3805 N DUSTIN	FARMINGTON, NM 87401
2072173478 501	VANA WILLIAM E	3129 W 4TH AVE	DURANGO, CO 81301
2072173488 511	TAFOYA GUS F AND ELIZABETH M	5610 ESCALANTE TRL	FARMINGTON, NM 874020908
2072173496 511	GREENWOOD STEVE L	4906 POQUITA	FARMINGTON, NM 874018351
2072173504 511	FOUTCH JOHN ET UX	4904 POQUITA ST	FARMINGTON, NM 874018351
2072173510 511	RICHEY JOHN W ET UX	4902 POQUITA ST	FARMINGTON, NM 87402
2072173519 511	DURAN RAYMOND E	4900 POQUITA CR	FARMINGTON, NM 87401
2073173066 503	PRICE ASG LLC	P O BOX 617905	CHICAGO, IL 606617905
2073174033 066	PRICE ASG LLC	P O BOX 617905	CHICAGO, IL 606617905
2073173132 088	EL PASO NATURAL GAS CO	P O BOX 1087	COLORADO SPRINGS, CO 80944
2072173466 320	MC COLM CAROL ANN	P O BOX 1052	APACHE JUNCTION, AZ 85217
2072173410 282	SPELLBRING LEONARD E ET UX	3009 MCCOLM DR	FARMINGTON, NM 874015259
2072173459 458	STOLWORTHY JUSTIN MUREL	3400 HIGHLAND VIEW DR	FARMINGTON, NM 874028323
2072173471 453	CLARK EDDIE MARK ET UX	3300 HIGHLAND VIEW DR	FARMINGTON, NM 874028346
2072173458 468	SCHOEN ANNE	5003 KAYENTA DR	FARMINGTON, NM 87402
2072173465 468	LIAPIS PHYLLIS R	5001 KAYENTA DR	FARMINGTON, NM 874028364
2072173503 352	TRIBBLE DUANE L AND MARY L TRUST	P O BOX 2075	FARMINGTON, NM 87499

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173158185	MILLER RALPH W TRUSTEES	P O BOX 2156	FARMINGTON, NM 874992156
2073173181207	GRACE CHARLES S ET UX	2609 BEST ST	FARMINGTON, NM 874018703
2073173181214	ARANDA ALBERT L ET UX	2701 BEST ST	FARMINGTON, NM 87402
2073173159209	MILLER RALPH W CO TRUSTEES	P O BOX 2156	FARMINGTON, NM 874992156
2073173181220	MARTINEZ THEODORE S ET UX	2703 BEST ST	FARMINGTON, NM 874018705
2073173193221	MARTINEZ DOLORES L	2700 FOX ST	FARMINGTON, NM 874018712
2073173183403	MARTINEZ HENRY G	4102 GILA ST	FARMINGTON, NM 874018732
2073173199410	MC CLELLAN MALCOLM D ET UX	300 WILMOT RD	DEERFIELD, IL 600154614
2073173179420	CORDELL CARL A ET UX	703 N VINE	FARMINGTON, NM 87401
2073173197436	BURSON TERRY L	431 CR 2900	AZTEC, NM 874109753
2073173179436	TOLEDO HELEN W	3409 ILES AVE	FARMINGTON, NM 874028615
2073173179405	MAESTAS ORLANDO ET UX	1309 N TUCKER AVE	FARMINGTON, NM 874017541
2073173184405	MAESTAS ORLANDO ET UX	1309 N TUCKER	FARMINGTON, NM 874018609
2073173184448	MAESTAS ORLANDO	1309 N TUCKER	FARMINGTON, NM 874018609
2073173196451	DIMMICK LARRY TRUST	6715 PRYOR LN	FARMINGTON, NM 874015116
2073173184450	BUTLER SAM J AND SHERALD K TRUST	1182 A KAMAHELE ST	KAILUA, HI 96734
2073173179450	MAESTAS RAYMONCITA	3503 SIERRA VISTA	FARMINGTON, NM 87401
2073173175401	KEN INVESTMENT LLC	1451 SHANNON LN	FARMINGTON, NM 87401

ParcelNo	OwnerName	OwnerAddr	OwnCtyStZp
2073173157469	CHACON HARRY L	P O BOX 2120	FARMINGTON, NM 874992120
2073173141471	CHACON HARRY L	4395 LARGO	FARMINGTON, NM 87402
2073173179469	CITIZENS BANK	P O BOX 4140	FARMINGTON, NM 874994140
2073173157483	CHACON HARRY L	P O BOX 2120	FARMINGTON, NM 874992120
2073173141483	NYCE MICHAEL R AND VERONICA L	2213 CAMINA PLACER	FARMINGTON, NM 87401
2072173511521	MASTERSON PROPERTIES LLC	415 W 28TH ST	DURANGO, CO 81301
2072173518521	HAGEN GERALD W ET UX	4901 LARGO	FARMINGTON, NM 874018337

APPENDIX F
Map of Landowners within 1/3 Mile of the Boundary of the Temporary Frac-tank Storage Area near MP 12 15 + 00


El Paso Natural Gas Company
3201 Hydrostatic Test
Landowners
Within 1/3 mile Of Test Activity Area
Test Activity Area
30N 13W
29N 13W
29N 12W
30N
36
1
6
PRICE ASG LLC
ENGLISH LAND CO
KAIME FAMILY LLC
PENNINGTON PARTNERSHIP LTD
EL PASO NATURAL GAS CO
FARMINGTON CITY OF
LOS NINOS LIMITED PARTNERSHIP
BURLINGTON RESOURCES OIL AND GAS
Legend
Hydro-test Activity Area
Landowners within one-third mile
One-third mile buffer
3201 Pipeline
Township lines
Sections
0 500 1,000 1,500 2,000
Feet
N
NCI
NELSON CONSULTING INC

APPENDIX G
Public Notice Text in Spanish and English

PUBLIC NOTICE

The United States Department of Transportation (USDOT) requires periodic pressurized tests on all USDOT-regulated pipelines. El Paso Natural Gas Company (EPNG) hereby gives notice that the following discharge permit application has been submitted to the NM Oil Conservation Division (NMOCD) in accordance with Subsection A, B, D and F of 20.6.2.3108 of New Mexico Administrative Code (NMAC). The local EPNG mailing address is: El Paso Natural Gas, San Juan Area Office, P.O. Box 127, Bloomfield, NM 87413.

EPNG has submitted an application to perform a hydrostatic test of the 3201 Pipeline on the EPNG pipeline easement in Section 1, Township 29 North, Range 13 West, and Sections 6, 7, and 8 of Township 29 North, Range 12 West, in San Juan County, New Mexico. The purpose of hydrostatic (testing with water) is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. The test involves purging the natural gas from the pipeline, cleaning the pipeline with an aqueous, non-hazardous cleaning fluid, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for a specified duration of time.

A portion of the EPNG 3201 pipeline will be hydrostatically tested. Prior to hydrostatic testing, the pipeline will be cleansed using approximately 1,000 gallons of an aqueous and non-hazardous cleaning fluid, N-Spec 120. The volume of cleaning solution is estimated to be 1,000 gallons and it will be stored in one or two 21,000 gallon frac-tanks at EPNG's Blanco compressor station located in the N/2 of the N/2, Section 14, Township 29 North, Range 11 West. A composite sample of the cleaning solution will be analyzed for corrosivity, ignitability, reactivity, and toxicity for disposal characterization as required by Mesa Environmental or Thermo Fluids, Inc. The water/cleaning solution mixture may be stored in the frac-tanks for two weeks with the option to store it for an additional two weeks. This water will be transported for proper disposal to the Mesa Environmental regional processing facility in Belen, NM or Thermo Fluids, Inc. in Albuquerque, NM.

Up to 140,500 gallons of fresh unused water, from City of Farmington, will be initially stored in as many as seven 21,000-gallon tanks (frac-tanks) located in the SE/4 of the NE/4 of Section 1, Township 29 North, Range 13 West within EPNG's property approximately 700 feet southwest of the intersection of Gila Street and English Road within the City of Farmington. Following hydrostatic testing, hoses and/or flexible pipes will be used to transfer the used test water into the frac-tanks. A composite sample of this water will be analyzed by an EPA-approved analytical laboratory for waste characterization analysis for corrosivity, ignitability, reactivity, and toxicity, and/or other characterization as required by Key Energy. Used test water may be stored in the frac-tanks for two weeks with the option to store it for an additional two weeks. The hydrostatic test water will not be discharged. After receipt of NMOCD approval, it will be properly transported and injected into a permitted Class 1 injection well operated by Key Energy of Farmington, NM.

The shallowest groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth of 6 feet below the ground surface. This aquifer system has a total dissolved solids concentration of between approximately 960 and 3,840 milligrams per liter or greater (calculated from reported specific conductance of between 1,500 and 6,000 µS/cm).

The notice of intent outlines how produced water and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of New Mexico.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments please contact:

Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone. (505) 476-3487

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this hydrostatic test and will provide future notices for this pipeline upon request.

AVISO PÚBLICO

El Ministerio de Transporte de Estados Unidos (USDOT) requiere pruebas de presión periódicas en todas las tuberías reguladas por el USDOT-reguladas La compañía de El Paso Natural Gas (EPNG) da por este medio el aviso que el uso siguiente del permiso de la descarga se ha sometido a la división de la conservación de aceite del Nuevo México (NMOCD) de acuerdo con la subdivisión A, B, D, y F del código administrativo de 20.6.2.3108 Nuevo México La dirección local del correo de EPNG es· El Paso Natural Gas, San Juan Area Office, P.O. Box 127, Bloomfield, NM 87413.

El Paso Natural Gas ha presentado una solicitud para conductor una hidrostática del agua de la tuberia 3201 de la prueba que ocurrirá en la servidumbre de EPNG en sección 1 del municipio 29 del norte, se extiende 13 del oeste, y las secciones 6, 7, 8 del municipio 29 del norte, se extiende 12 del oeste, en el condado de San Juan, Nuevo México. El propósito de hidrostático (prueba con agua) es para determinar el grado a los defectos potenciales pudieron amenazar a la capacidad de la tubería de sostener la presión máxima permitida de la operación. La prueba implica el purgar del gas natural de la tubería, limpiando la tubería con un quitamanchas acuoso, no-peligroso, rellenar la tubería con agua, después presurizando la tubería a una presión más alta que la presión de funcionamiento estándar para una duración especificada del tiempo.

Una porción de la tubería de EPNG 3201 hidrostático será probada. Antes de la prueba hidrostática, la tubería será limpiada usando aproximadamente 1 000 galones de un quitamanchas acuoso y no-peligroso, N-Spec 120. El volumen de solución de la limpieza se estima para ser 1.000 galones y será almacenado en un o dos frac-tanques en la estaciones del compresor de EPNG; Estación del compresor de Blanco. La estación del compresor de Blanco está situada en el N/2 del N/2, sección 14, el municipio 29 del norte, se extiende 13. Una muestra compuesta de la solución de la limpieza será analizada para la corrosividad, el encienda, la reactividad, y la toxicidad además de los estándares de Mesa Ambiental o Thermo Fluids, Inc la Comisión del control de calidad del agua del nanómetro (WQCC) descritos más abajo. La solución de la limpieza puede almacenar en el frac-tanque por dos semanas con una opción por dos semanas adicionales de almacenaje Esta agua será transportada para la disposición apropiada al Mesa Ambiental en Belen, Nuevo México o Thermo Fluids, Inc. en Albuquerque, Nuevo México.

Hasta 140.500 galones de agua inusitada fresca, de la ciudad de las utilidades de Farmington, serán almacenados inicialmente en los tanques de 21.000 galones (los frac-tanques) situados en el SE/4 del NE/4 del sección 1, el municipio 29 del norte, se extiende 13 del oeste en la proporidad de EPNG, approximente 700 pies suroeste de la interseccion de Gila Calle y Camino de Engles Después de la prueba hidrostática, las mangueras y/o las pipas flexibles serán utilizadas para transferir la agua usada de la prueba en los tanques del frac situados en las estaciones del compresor de Río Vista. Tanto como los 7 tanques del frac pueden ser necesarios para contener temporalmente hasta 140.500 galones de agua usada de la prueba Esta agua será analizada para asegurarse que cumplio los estándares de Key Energy. De la prueba se puede almacenar en los tanques del frac por dos semanas con una opción por dos semanas adicionales de almacenaje, hasta que finalicen resultados analíticos. El agua hidrostática de la prueba no será descargada. Después del recibo de la aprobación de NMOCD, será transportada e inyectada correctamente en un pozo de inyección permitido de la clase 1 funcionado por Key Energy de Farmington, Nuevo México.

La agua subterránea más baja probablemente que se afectará por un escape, una descarga accidental, o un derramamiento existe en una profundidad de 6 pies debajo de la superficie de tierra. Esta sistema del acuífero tiene una concentración total de los sólidos en suspensión entre de aproximadamente 960 y 3.840 miligramos por litro o mayor (calculado de conductancia específica divulgada entre de 1 500 y 6.000 µS/cm).

El aviso del intento esquemas cómo el agua y la basura producidas serán manejadas correctamente, incluyendo la dirección, almacenaje, y la disposición final. El aviso del intento también incluye los procedimientos para la gerencia apropiada de escapes, de descargas accidentales, y de derramamientos para proteger las aguas del estado de Nuevo México.

Para la información adicional, para ser colocado en una lista de personas a quienes se mandan propaganda facilidad-específica para los avisos futuros, o someter los comentarios satisfacen entran en contacto con·

Brad Jones, ingeniero ambiental
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Teléfono: (505) 476-3487

La energía del nanómetro y el Deprtamento de los Recursos Naturales y Minerales aceptarán comentarios y declaraciones del interés con respecto a esta prueba hidrostática y proporcionarán los avisos futuros para esta tubería a petición.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 2/19/10

or cash received on _____ in the amount of $ 150 00

from KleinFelder West Inc

for HITP-11

Submitted by: Lawrence Romero Date: 2/25/10

Submitted to ASD by: [signature] Date: 2/25/10

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other TCAP Permission Fee

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

KLEINFELDER
Bright People. Right Solutions.

February 22, 2010
File No. 109637.1-ALB10LT001

Mr. Brad Jones, Environmental Engineer
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Subject: **Submittal of the Temporary Permission Fee for the Discharge of Hydrostatic Test Water, Pipeline Number 3201 (West) San Juan County, New Mexico**

Dear Mr. Jones:

Kleinfelder West, Inc. (Kleinfelder), on behalf of the El Paso Natural Gas Company (EPNG), is submitting the enclosed check for $150.00 (check number 640740) for the Temporary Permission Fee for the above referenced activity. Revisions to the Notice of Intent and Public Notices for this event were submitted via email to the Oil Conservation District today.

Should you have any questions, please contact Jill Hernandez (Kleinfelder) at (505) 344-7373, or Richard Duarte (EPNG) at (505) 831-7763.

Respectfully submitted,
KLEINFELDER WEST, INC.

Jill Hernandez, E.I.T.
Staff Engineer

Reviewed by:

Karen Richer for

Barbara J. Everett, P.G.
Program Manager

C: Mr. Richard Duarte, EPNG, 8725 Alameda Park Dr. NE, Albuquerque, NM 87120

8300 Jefferson NE, Suite B, Albuquerque, NM 87113 **p** | 505.344.7373 **f** | 505.344.1711

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 1/11/10

or cash received on _____ in the amount of $ 100 00

from Kleinfelder West Inc

for HITP-11

Submitted by: Lawrence Romero Date: 2/23/10

Submitted to ASD by: Shawn Poon Date: 2/23/10

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

KLEINFELDER
Bright People. Right Solutions.

February 12, 2010
File No. 109637.1-ALB10RP001

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Subject: Submittal of a Notice of Intent to Perform a Hydrostatic Test
Pipeline Number 3201 – West of City of Farmington
San Juan County, New Mexico

Dear Mr. Jones:

On behalf of the El Paso Natural Gas Company (EPNG), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit this Notice of Intent (NOI) for a hydrostatic test of the 3201 Pipeline. The scope of this NOI is different from an earlier NOI submitted on January 28, 2010. While it involves the same pipeline number, it is located on the west side of Farmington, NM and is about 1/8th the size of the project conducted on the east side of Farmington. Like the other project, EPNG is intending to dispose of the used hydrostatic test water into a Class 1 injection well therefore; no surface discharge of hydrostatic test water is planned.

As required by the United States Department of Transportation Pipeline and Hazardous Materials Safety Administration regulations, EPNG is planning to conduct pipeline reconditioning work on its 20-inch 3201 pipeline immediately west of the city of Farmington, New Mexico in mid to late March 2010. EPNG will be hydrostatically testing approximately 1,083 feet of used and new pipe on this pipeline.

Kleinfelder has included the required information for the NOI as stated in the "Guidelines for Hydrostatic Test Dewatering" dated January 11, 2007. Attached to this NOI are the following:

- Background Information;
- Notice of Intent Plan;
- Figure 1, EPNG 3201 Pipeline Undergoing Hydrostatic Test;
- Figure 2, Temporary Frac-Tank Staging for Hydrostatic Test Water;
- Figure 3, Temporary Frac-Tank Storage Location;
- Appendix A, Material Safety Data Sheets for N-Spec 120 Cleaner;
- Appendix B, Certification of Siting Criteria;
- Appendix C, Copy of Email from the New Mexico Abandoned Mine Lands Program and figures showing no active mines in the vicinity;
- Appendix D, Federal Emergency Management Administration Flood Insurance Rate Map;
- Appendix E, List of Landowners within 1/3 mile of the Boundary of the Temporary Frac-tank Storage Area near Mile Post 6;

8300 Jefferson NE, Suite B, Albuquerque, NM 87113 p | 505.344.7373 f | 505.344.1711

- Appendix F, Map of Landowners within 1/3 mile of the Pipeline Easement; and
- Appendix G, Public Notice text in English and Spanish.

Checks in the amount of $700.00 to cover the $100 filing fee and the $600 permit fee are included herein and made out to the New Mexico Water Quality Control Commission. As deemed necessary by the NMOCD, EPNG is prepared to post a public notice regarding this event in accordance with Subsection A, and B, D and F of NMAC 20.6.2.3108 at the frac-tank staging areas (Figures 2 and 3), the Farmington, New Mexico Post Office, and published in the Farmington Daily Times newspaper.

Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based on our understanding of the information provided by EPNG. The work performed was based on project information provided by EPNG.

Should you have any questions, please feel free to contact David Janney or Jill Hernandez (Kleinfelder) at (505) 344-7373, or Richard Duarte (EPNG) at (505) 831-7763.

Respectfully submitted,
KLEINFELDER WEST, INC.

Jill Hernandez, E.I.T.
Staff Engineer

Reviewed by:

Kerry L. Ruebelmann, P.G.
Regional Manager

KLEINFELDER 8300 Jefferson NE, Suite B, Albuquerque, NM 87113 **p** | 505.344.7373 **f** | 505.344.1711

BACKGROUND INFORMATION

- The EPNG Pipeline number 3201 is an existing 20-inch (outside diameter) natural gas pipeline that has been in service since 1953.
- This transportation pipeline is part of a network that transports natural gas (sweet and dry) that is suitable for immediate consumer use.
- Based upon recent experience with the NMOCD, EPNG understands that the water used for cleaning and testing this pipeline system is generally classified as non-exempt RCRA waste and is subject to the Water Quality Control Commission (WQCC) Regulations.

NOTICE OF INTENT PLAN

On behalf of EPNG, Kleinfelder is submitting this NOI plan as outlined in NMOCD Guidance document, "Guidelines for Hydrostatic Test Dewatering," (revised January 11, 2007). The NOI plan includes the following items:

Item a. Name and address of the proposed discharger;

Legally Responsible Party	Sam A. Armenta, Director El Paso Natural Gas Company Albuquerque Division 8725 Alameda Park Dr. NE Albuquerque, NM 87120
Local Representative	Richard Duarte (505) 831-7763 El Paso Natural Gas Company 8725 Alameda Park Dr. NE Albuquerque, NM 87120
Operator	
Physical Address	El Paso Natural Gas Company San Juan Area Office #81 County Road 4900 Bloomfield, NM 87413
Mailing Address	El Paso Natural Gas Company San Juan Area Office P.O. 127 Bloomfield, NM 87413

Item b. Location of the discharge, including a street address, if available, and sufficient information to locate the facility with respect to surrounding landmarks;

The location of the portions of the 3201 pipeline to be hydrostatically tested is shown on Figure 1. The segment of 3201 pipeline that will be hydrostatically tested is immediately west of the City of Farmington, near the intersection of 30th Street and La Plata Highway (State Road 170). The western edge of pipeline segment starts at Mile Post ("MP") 6-43+78 and goes east under SR 170 and 30th Street to MP 7-01+81. It is approximately 1,083 feet in total length. One or two frac-tanks will be located 50 feet east of SR 170 and about 90 feet southeast of the intersection of SR 170 and 30th Street. EPNG is securing this additional land (north of its right

of way) from the land owner. Coordinates for this tank staging location are Latitude 36° 45' 27.06" North, Longitude 108° 14' 31.08" West.

Prior to the hydrostatic test, the pipeline will be cleaned to remove oil residue and other trace contaminants. There will be a small volume of water mixed with pipe cleaning liquid (N-Spec 120, see Appendix A for material safety data sheet). The segment cleaning will generate water (RCRA non-exempt), which is subject to regulation by the WQCC. The volume of cleaning solution is estimated to be 1,000 gallons. The source of water mixed with the pipe cleaning liquid will be public utility drinking water from the City of Farmington.

The pipe cleaning solution will be used to clean the entire 3201 pipeline, from mile post (MP) 0 to MP 22 and will be stored at EPNG's Blanco Compressor Station (GW-49-0, Figure 3). After cleaning the pipeline, the cleaning solution will be moved from the pipeline directly into a frac-tank (stored within secondary containment), then transferred into tank trucks for transportation to a recycling facility.

The temporary frac-tank storage location for the cleaning solution will be located at Mile post 0 + 0000', at the discharge side of Blanco Compressor Station (south side of the station), County Road 4900, #81, Bloomfield, NM 87413. This is locally known as "gasoline alley" road. Coordinates for this location are Latitude 36° 43' 44.55" North, Longitude 107° 57' 40.12" West. The temporary storage area is within the compressor station boundary. The frac-tank will be located within 50 feet of the point of connection on the 3201 pipeline. There will be one 21,000-gallon temporary tank with the water/N-SPEC mixture at this location and the liquid may be stored for up to two weeks. In the event that laboratory analysis or removal transportation is delayed, EPNG will request an additional two weeks of storage time. Every effort will be made to remove the liquid within two weeks. The 21,000-gallon tank is required to contain the high pressure discharge (above 850 pounds per square inch) and high flow rates utilized to drain the 3201 pipeline. The temporary frac-tank storage area at the Blanco Compressor Station is shown on Figure 3.

The permitted recycling facilities that will be used for the cleaning solution are:

Mesa Environmental, a Division of Mesa Oil, Inc.
Corporate - 17300 Hwy 72, Arvada, CO 80007
Regional Processing Facility – 20 Lucero Road, Belen, NM 87002

Or,

Thermo Fluids Inc.
Corporate – 8925 E. Pima Center Pkwy, Suite 105, Scottsdale, AZ 85258
Local Office – 9010 Bates Road, SW, Albuquerque, NM 87105

After the pipeline has been cleaned, public utility drinking water from the City of Farmington, NM will be used to perform hydrostatic testing of the segment of the 3201 pipeline. The segment is as follows: MP 6-43+78 to MP 7-01+81 in Section 6, Township 29 North, Range 13 West to MP 13-47+80 in Section 6, Township 29 North, Range 13 West (Figure 2). Approximately 10,000 gallons of water will be used for the hydrostatic test. The segment will be tested in two sections. The mid-point at MP 6-47+26 will be the staging area for two frac-tanks.

Upon completion of the hydrostatic test, EPNG will generate a second volume of water (RCRA non-exempt) that may be subject to regulation: the hydrostatic test water. The test water will be initially transferred into clean portable frac-tanks (stored within secondary containment), located

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in the staging area at the midpoint of the segment (Figure 2). Due to an enhanced pipeline cleaning protocol, EPNG believes that the hydrostatic test water may meet the WQCC standards for ground water with contaminant concentrations not exceeding levels listed in Subsections A, B, and C of NMAC 20.6.2.3103.

Item c. Legal description of the discharge location;

Introduction, removal, and storage of hydrostatic test water will occur in the staging area at the following location:

SE/4 of the NE/4 of Section 6, Township 29 North, Range 13 West in San Juan County, New Mexico (See Figure 2).

Introduction, removal, and storage of cleaning solution will occur at the following location:

SE/4 of the NW/4 Section 14, Township 29 North, Range 11 West in San Juan County, New Mexico (See Figure 3).

Item d. Maps (site-specific and regional) indicating the location of the pipelines to be tested;

Figure 1 is a site-specific map showing topography, the pipeline sections undergoing testing, and the hydrostatic test water staging area. Figure 2 is a larger scaled, site-specific map showing the hydrostatic test water storage location. Figure 3 is a larger scaled, site-specific map showing the pipeline cleaning solution storage location.

Item e. A demonstration of compliance to the following siting criteria or justification for any exceptions:

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;

ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain;

iii. Within, or within 500 feet of, a wetland;

iv. Within the area overlying a subsurface mine; or

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.

According to Mr. Arnold V. Madrid, EPNG's Technician, evidence of the above listed features was present within the required radius limits of the proposed hydrostatic test water staging area. Mr. Madrid performed a site visit to look for the presence of watercourses, lakebeds, sinkholes, playa lakes, wells, wetlands, residences, schools, hospitals, institutions, mines and churches. According to Mr. Madrid, the La Plata River's green-belt is located approximately 756 feet east of the temporary frac-tank staging area near MP 6. The La Plata River is located approximately 926 feet to the east. The nearest residence, an apartment complex, is located approximately 203 feet to the west of the temporary frac-tank staging area near MP 6. Mr. Madrid did not observe any: watercourses, lakebeds, sinkholes, playa lakes, wetlands, water wells, mines, schools, hospitals, or churches near this location. A Certification of Siting Criteria from Mr. Madrid is attached in Appendix B.

A search for surrounding water wells was completed to satisfy a portion of this requirement. The NMOCD Pit Rule Mapping Portal Database and the NMOSE Waters Database were used for this search, which was conducted on February 10, 2010. According to the search, one

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domestic/stock well appears to be located within 1,000 feet of the proposed cleaning solution storage area. Well number SJ 01426 is located approximately 800 feet to the southwest. It is unknown if this well is active, inactive, or abandoned. Based on the database search, two water wells are located within 1,000 feet of the temporary frac-tank staging area (MP 6-47+26). Well numbers SJ 00993 and SJ 02025 are located approximately 266 and 492 feet from the temporary frac-tank staging area, respectively. Well number SJ 00993 was installed as a public works construction well in 1979 and is most likely not active. Well number SJ 02025 is a livestock watering well. It is not known if this well is active, inactive, or abandoned.

Mr. Andy Edmondson of the New Mexico Environment Department, Drinking Water Bureau was contacted to obtain information regarding wellhead protection areas located within 1,000 feet of the temporary staging areas for the water and cleaning solution. Mr. Edmondson has not provided confirmation concerning the locations of any wellhead protection areas, as of the time this report was prepared.

Mr. Mike Tompson with the New Mexico Abandoned Mine Lands Program (505-476-3427) was contacted to assess the presence of abandoned subsurface mines in the vicinity of the temporary frac-tank staging area. According to Mr. Tompson, there is no record of abandoned subsurface mines in that area. A copy of the email from Mr. Tompson is attached in Appendix C. According to the NM Tech "Pit Rule Mapping Portal" data base, there are no active or inactive mines in the vicinity of the temporary frac-tank staging areas. A figure generated from this portal is included in Appendix C.

Federal Emergency Management Administration (FEMA) flood insurance rate maps were generated from the FEMA website to search for 100-year floodplains in the proposed hydrostatic test water storage area. According to the FEMA website, the temporary frac-tank staging area is not located within a floodplain. A 100-year floodplain is located approximately 200 feet to the east. The FEMA flood insurance rate map for this area is attached under Appendix D.

Although a residence and a 100-year floodplain zone are located within 500 feet and 1,000 feet, respectively, of the temporary staging area, the hydrostatic test is not anticipated to adversely affect the surrounding populations. The pipeline will be cleaned prior to testing. Potable public utility water will used to conduct the hydrostatic testing. Secondary containment will be located surrounding the frac-tanks used for the temporary storage of the cleaning solution and test water, as described in subsequent items. In addition, hydrostatic testing analytical results from similar project conducted in November 2009 on the 1202 pipeline revealed that most constituents were below regulatory limits.

Item f. A brief description of the activities that produce the discharge;

Pressure testing with water, known as hydrostatic testing, is one of the tools pipeline operators use to verify pipeline integrity. The test involves purging the natural gas from the pipeline, cleaning the pipeline with an aqueous, non-hazardous cleaning fluid, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for approximately nine hours. The purpose of hydrostatic testing in a pipeline is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. If leaks or breaks occur, the pipeline is repaired or the affected areas is replaced, and then re-tested. The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Approximately 10,000 gallons of public utility water from the City of Farmington will be used for the hydrostatic testing and pipeline cleaning.

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Item g. The method and location for collection and retention of fluids and solids;

Cleaning Solution

Approximately 1,000 gallons of N-Spec 120 cleaning solution will be used to clean the pipeline. The cleaning solution will be moved from the 21,000-gallon frac-tank via hoses and/or flexible pipe and routed directly into the 3201 pipeline at the Blanco compressor station. The frac-tank will be located within 50 feet of the point of connection on the 3201 pipeline. The secondary containment around the frac-tank will consist of 80 mil plastic sheeting placed over a berm constructed of straw bales and secured with metal "T" posts. The location of the frac-tank and the pipeline discharge point are presented on Figure 3.

After cleaning the pipeline, the entire volume of N-Spec 120 cleaning solution and water will be transferred back into the frac-tank. A pre-disposal composite sample will be collected and submitted to an EPA-approved analytical laboratory for waste characterization. The waste characterization will include analysis for corrosivity, ignitability, reactivity, toxicity, and/or other waste characterization as required by Mesa Environmental or Thermo-Fluids (see contact information under Item b).

Hydrostatic Test Water

Approximately 10,000 gallons of water will be used for hydrostatic testing of the 3201 pipeline. The hydrostatic test water will be removed from the pipeline via hoses and/or flexible pipe using drip pans under the connection points and stored in one or two frac-tanks with secondary containment at the hydrostatic test water staging area (Figure 2). The frac-tanks will be located within 50 feet of the point of connection on the 3201 pipeline. The secondary containment around the frac-tanks will consist of 80 mil plastic sheeting placed over a berm constructed of straw bales and secured with metal "T" posts. All individual tank valves will be closed and locked when not in use. Solids are not anticipated to be produced from the hydrostatic testing. EPNG also plans to have the frac-tank staging area under 24-hour security surveillance.

Item h. A brief description of best management practices to be implemented to contain the discharge onsite and to control erosion;

EPNG intends to discharge the hydrostatic test water in a Class I injection well. The water will be transported off the project site using DOT approved tanker trucks. No upland discharges are planned or intended.

Item i. A request for approval of an alternative treatment, use, and/or discharge location (other than the original discharge site), if necessary;

In the event that the hydrostatic test water is found to be unsuitable for down-hole injection, EPNG will acquire a temporary identification number from the US Environmental Protection Agency for the waste, and it will be properly transported and disposed of at a RCRA permitted Treatment, Storage, and Disposal facility. EPNG will provide the name and address of the facility and the appropriate disposal documentation to the NMOCD.

Item j. A proposed hydrostatic test wastewater sampling plan;

EPNG will not collect nor analyze a pre-test sample of the water obtained from the City of Farmington. Water quality analytical data supplied by the City of Farmington will be used as a baseline to determine if the water is suitable for use.

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Prior to hydrostatic testing of the 3201 pipeline, approximately 10,000 gallons of public utility water will be transferred from the City of Farmington into frac-tanks located within EPNG's 3201 pipeline easement (See location information under Item c., and Figures 2 and 3).

After the hydrostatic testing of the 3201 pipeline, approximately 10,000 gallons of water will be transferred from the pipeline back into the same frac-tanks that were previously used to store the water. A single pre-disposal composite sample (one sample from each frac-tank) will be collected from the frac-tanks and submitted to an EPA-approved analytical laboratory.

The post-hydrostatic test water samples will be analyzed for corrosivity, ignitability, reactivity, toxicity, and/or other characterization as required by Key Energy. Analytical results of the post-hydrostatic test water analysis will be submitted to the NMOCD with a recommendation for disposal of the hydrostatic test water into a Class 1 injection well.

Item k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from test exceeds the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

All fluids will be containerized, tested, and transported for disposal as described under item i and f. No solid waste is anticipated. In the event that the hydrostatic test water is found to be unsuitable for down-hole injection well disposal, a temporary identification number will be acquired from the US Environmental Protection Agency for the waste, and it will be properly transported and disposed of at a RCRA-permitted Treatment, Storage, and Disposal facility. EPNG will provide the name and address of the facility and the appropriate disposal documentation to the NMOCD.

Following the disposal characterization analysis, the 1,000 gallons of cleaning solution (used to clean the 3201 pipeline prior to hydrostatic testing) will be transported off-site via DOT-approved tanker trucks for treatment and disposal by Mesa Environmental or Thermo-Fluids (see contact information under Item b).

Item l. A brief description of the expected quality and volume of the discharge;

The hydrostatic test water will be analyzed to assess if the constituent concentrations meet Key Energy's disposal requirements for their Class 1 injection well. Based on historical data collected from previous hydrostatic test events using similar methods and solutions, the water quality is expected to be in compliance with regulatory limits. The volume of the hydrostatic test water is expected to be approximately 10,000 gallons.

Item m. Geological characteristics of the subsurface at the proposed discharge site;

Regional Features

The water storage location is within the north-central part of the San Juan Basin, a large asymmetric structural depression that contains Paleozoic and Mesozoic sediments up to 15,000 feet thick. The area is characterized by bedrock hillsides and mesas and Pleistocene gravel terraces of the La Plata River.

Site Geology

The water storage areas are located on alluvium overlying the Kirtland Shale and Fruitland Formations. The alluvium in the water storage area consists mainly of gravel and coarse sand over 8 feet in thickness, with some silt and clay. The alluvium was deposited by fluvial action.

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The Kirtland Shale and Fruitland Formations consist of interbedded sandy shale, carbonaceous shale, clayey sandstone and sandstone (Stone, et. al., 1983).

Item n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge;

Regional Hydrogeology
Three ground-water systems are present in the Tertiary and younger sedimentary deposits in this portion of the San Juan Basin.

- Confined aquifers in Tertiary sandstone units.
- Unconfined (water table) aquifers in Tertiary sandstone units near outcrop areas.
- Unconfined (water table) aquifers in the Quaternary alluvium in or near river valleys and tributaries.

Local Groundwater Hydrology
Two groundwater regimes exist near the discharge sites:

1. Unconfined aquifers in the alluvium beneath the water storage areas; and
2. Unconfined sandstone aquifers in the Cretaceous Kirtland Shale or Fruitland Formations below the alluvium (Stone, et. al., 1983).

Groundwater in the vicinity of the discharge location may be as shallow as six feet below ground surface in the alluvium (Stone, et. al., 1983).

Total dissolved solids concentrations of 12,000 milligrams per liter or greater have been observed in the groundwater (Geology Section, New Mexico State Highway Department, Materials and Testing Laboratory).

Item o. Identification of landowners at and adjacent to the discharge collection/retention site.

Landowners of the collection/retention sites:

At Blanco Plant (for the cleaning solution retention) and at MP 12-15+00 (hydrostatic test water staging area):

El Paso Natural Gas Company
2 North Nevada Ave.
Colorado Springs, CO 80903

Landowners along the EPNG right-of-way affected by the hydrostatic testing:

George E. Hutchison
R. D. Golding
Joe O. Campbell
George A. Greenwood
George A. McColm
D. & R. G. W. Railroad
B. E. Dustin
Elbie S. Evans
United States of America (Bureau of Land Management)

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Landowners within 1/3-mile of the boundary of the temporary frac-tank storage area on EPNG property within the pipeline easement:

This landowners list is provided in Appendix E and a map showing the locations of these landowners is provided in Appendix F. EPNG it will provide all affected landowners with a brief description of the work involved.

As deemed necessary by NMOCD, a public notice will be posted in accordance with Subsections A, B, D and F of NMAC 20.6.2.3108 at the frac-tank staging areas (Figures 2 and 3), the Farmington, New Mexico Post Office, and published in the Farmington Daily Times newspaper. Copies of the English and Spanish versions of the public notices are presented in Appendix G. EPNG it will provide all affected landowners with a brief description of the work involved.

References

Geological, hydrological, hydrogeological, and depth/quality of groundwater information obtained from the EPNG, July 1999, Blanco Discharge permit application.

New Mexico Energy Minerals and Natural Resources Department, "New Mexico Mines, Mills and Quarries", database search, accessed February 2010.

New Mexico Office of the State Engineer, iWaters database, accessed February 2010.

New Mexico State Highway Department, Materials and Testing Laboratory, Design Division, "Geology and Aggregate Resources, District V"

NMOCD Pit Rule Mapping Portal database search, accessed February 2010 from http://216.93.164.45/prrc_MF/.

Stone, W., Lyford, F., Frenzel, P., Mizell, N., and Padgett, E. 1983, Hydrology and Water Resources of the San Juan Basin, New Mexico, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

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FIGURES

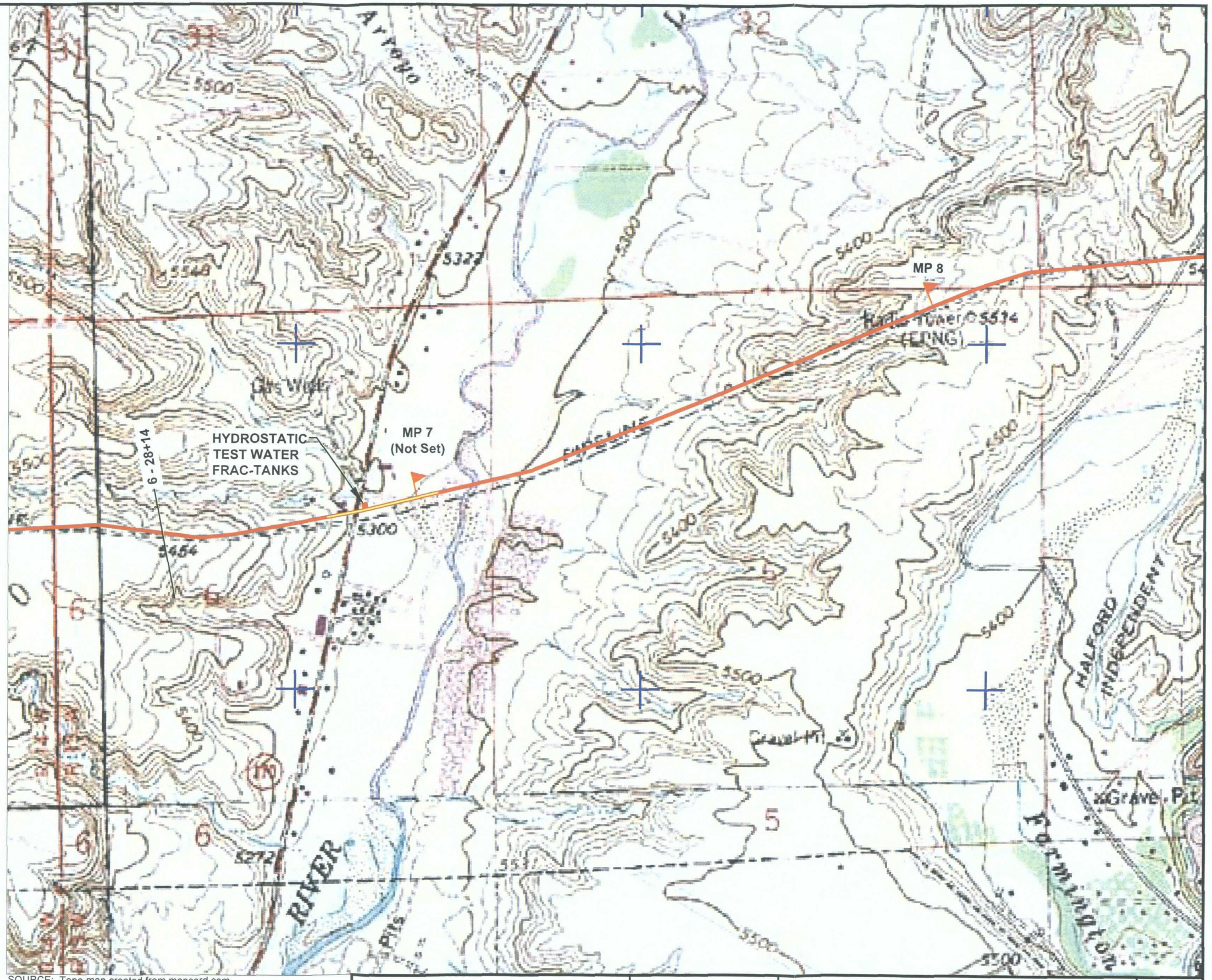
SOURCE: Base map provided by *nationalatlas.gov*.

LEGEND

- APPROXIMATE EPNG 3201 WEST PIPELINE
- APPROXIMATE HYDROSTATIC TEST LOCATION
- APPROXIMATE HYDROSTATIC TEST WATER FRAC-TANKS LOCATION
- APPROXIMATE MILE POST MARKERS
- APPROXIMATE SITE LOCATION

NOTE:

EPNG 3201 West Pipeline recreated from 03201 00-002 20 Expanded Job Markup .dwf from EPNG.



SOURCE: Topo map created from mapcard.com.

1000 0 500 1000 ft

APPROXIMATE SCALE: 1 inch = 1000 feet

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PROJECT NO.	109637
DRAWN:	FEB 2010
DRAWN BY:	PD
CHECKED BY:	JH
FILE NAME:	109637_01_0.dwg

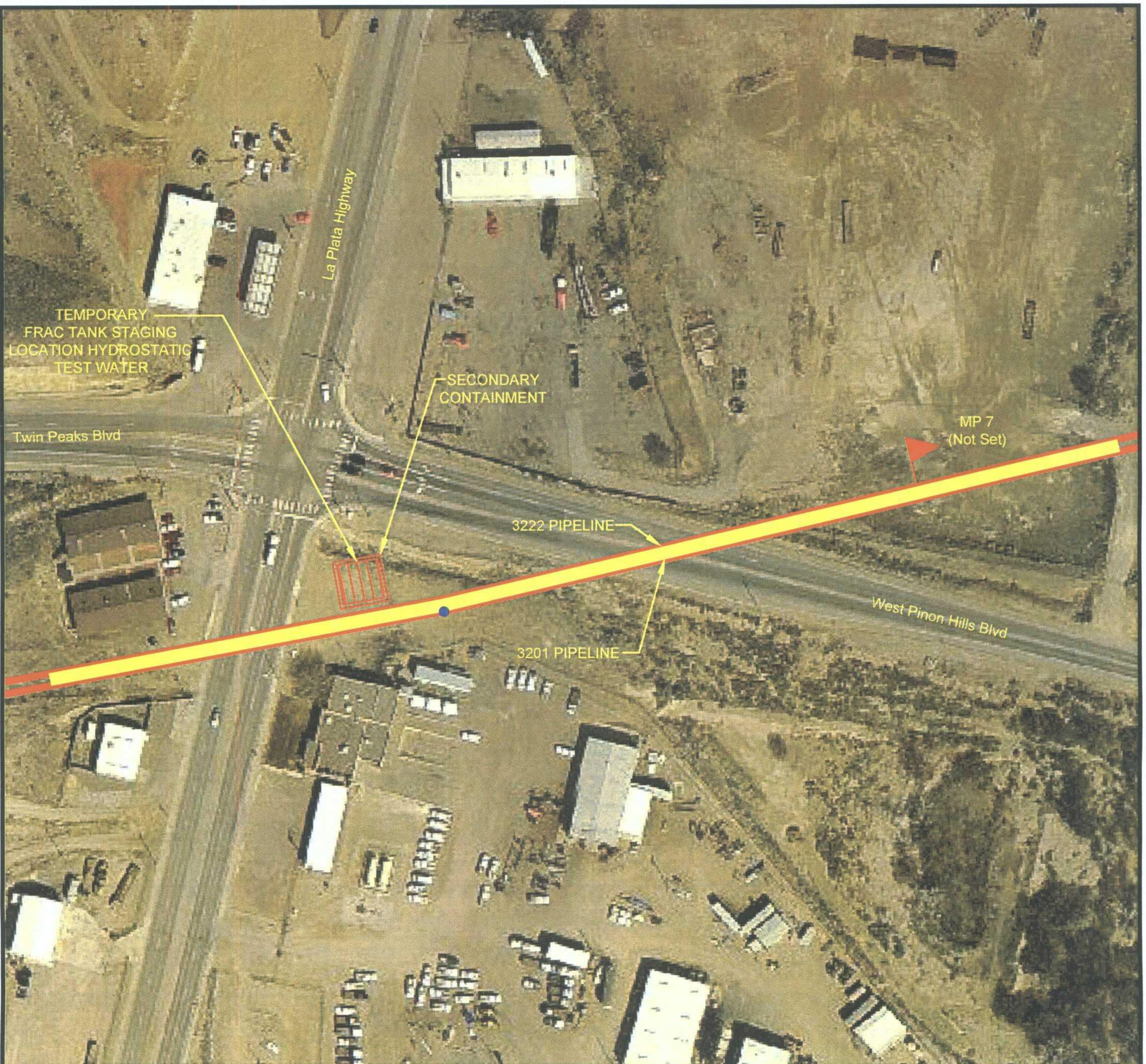
EPNG 3201 WEST PIPELINE UNDERGOING HYDROSTATIC TEST

EPNG - 3201 WEST PIPELINE HYDROSTATIC TEST
SAN JUAN COUNTY
FARMINGTON, NEW MEXICO

ORIGINATOR: C. COREY
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE 1

ATTACHED IMAGES: Images: A$C6F62182C.dib Images: New Mexico State Map.bmp
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: C:\DOCUME~1\PDan\LOCALS~1\Temp\AcPublish_3076\ LAYOUT: Layout1



N

150 0 75 150 ft

APPROXIMATE SCALE: 1 inch = 150 feet

SOURCE: Aerial map created from http://sjcounty.net.

NOTE:
EPNG 3201 Pipeline recreated from 03201 00-002 20 Expanded Job Markup .dwf from EPNG.

LEGEND

- APPROXIMATE LOCATION OF EPNG 3201 & 3222 PIPELINE
- APPROXIMATE HYDROSTATIC TEST SEGMENT LOCATION
- APPROXIMATE LOCATION OF HYDROSTATIC TEST WATER FRAC-TANKS
- PIPELINE CONNECTION POINT

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FILE NAME:	109637_01_0.dwg

TEMPORARY FRAC-TANK STAGING FOR HYDROSTATIC TEST WATER

EPNG 3201 WEST HYDROSTATIC TEST
SAN JUAN COUNTY
FARMINGTON, NEW MEXICO

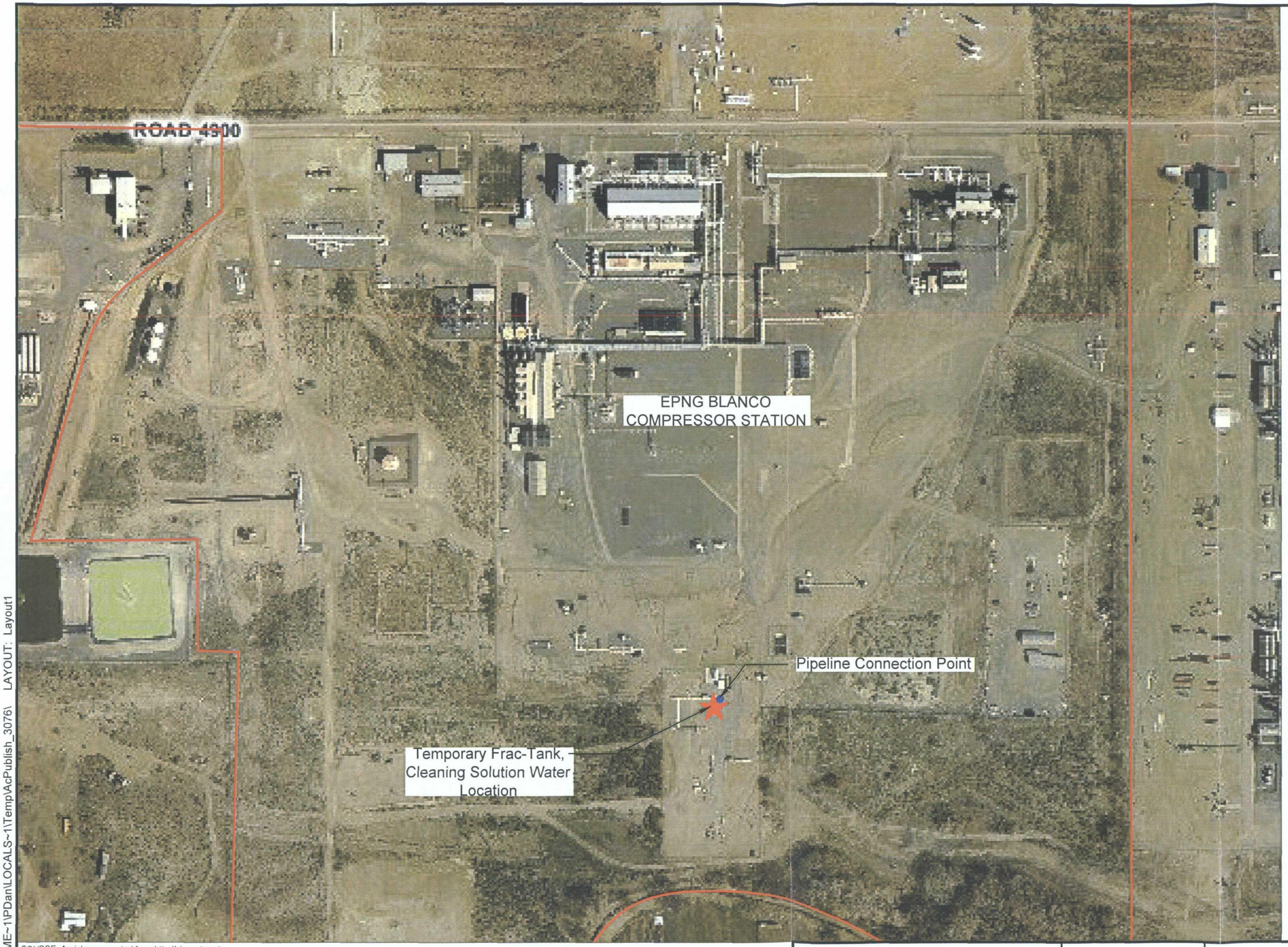
ORIGINATOR: C. COREY

APPROVED BY:

DRAWING CATEGORY: 1

FIGURE 2

CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\109637 - EPNG 3201 W Pipeline Hydro Test\2.0 Technical Information\2.8 Figures\ LAYOUT: Layout2
AT[redacted]ED IM[redacted]: Im[redacted]A$C[redacted]32C.[redacted]ages: [redacted]Mexic[redacted]Map
ATTACHED XREFS:
ALBUQUERQUE, NM



LEGEND

- TEMPORARY CLEANING SOLUTION/WATER FRAC-TANK LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- PIPELINE CONNECTION POINT

N

250 0 125 250 ft

APPROXIMATE SCALE: 1 inch = 250 feet

SOURCE: Aerial map created from http://sjcounty.net.

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DRAWN BY:	PD
CHECKED BY:	MW
FILE NAME:	109637_03_0.dwg

TEMPORARY FRAC-TANK STORAGE LOCATION

EPNG 3201 WEST HYDROSTATIC TEST
SAN JUAN COUNTY
BLOOMFIELD, NEW MEXICO

ORIGINATOR: M. WIKSTROM
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE 3

ATTACHED IMAGES:
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: C:\DOCUME~1\PDan\LOCALS~1\Temp\AcPublish_3076\ LAYOUT: Layout1

APPENDIX A
Material Safety Data Sheets for N-Spec 120 Cleaner

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	**N-SPEC 120 Cleaner**
Supplier	Coastal Chemical Co., L.L.C. 3520 Veterans Memorial Drive Abbeville, LA 70510 337-893-3862
Synonym	Not available.
Trade name	Not available.
Material Uses	Not available.
Manufacturer	Coastal Chemical Co., L.L.C. 3520 Veterans Memorial Drive Abbeville, LA 70510 337-893-3862

Code	
MSDS#	Not available.
Validation Date	**9/2/2004**
Print Date	9/2/2004
Responsible Name	**Charles Toups**

In Case of Emergency Transportation Emergency Call
CHEMTREC 800-424-9300
Other Infomation Call
Charles Toups
337-261-0796

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Confidential infomation			

Section 3. Hazards Identification

Physical State and Appearance Liquid.

Emergency Overview

CAUTION!
MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Keep away from heat, sparks and flame. Avoid contact with eyes. Do not ingest. Avoid prolonged or repeated contact with skin. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of Entry Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Skin Irritation of the product in case of skin contact: Not available.
Hazardous in case of skin contact

Inhalation Hazardous in case of inhalation.

Ingestion Hazardous in case of ingestion.

Potential Chronic Health Effects

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Overexposure Signs/Symptoms Not available.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	Not available
Auto-ignition Temperature	Not available.
Flash Points	Tested - No Flash present
Flammable Limits	Not available.
Products of Combustion	These products are carbon oxides (CO, CO2), sulfur oxides (SO2, SO3...).
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	Not available.

Section 6. Accidental Release Measures

Small Spill and Leak	The concentrated form of this material is a cleaner. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.
Large Spill and Leak	The concentrated form of this material is a cleaner. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.

Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.
Storage	Keep container tightly closed and in a well-ventilated place.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	
Eyes	Safety glasses.
Body	Lab coat.
Respiratory	Wear appropriate respirator when ventilation is inadequate.
Hands	Impervious gloves.
Feet	Not applicable.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name	Exposure Limits
Confidential infomation	

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Molecular Weight	Not applicable.
Molecular Formula	Not applicable.
pH (1% Soln/Water)	6 to 8 [Neutral.]
Boiling/Condensation Point	The lowest known value is 100°C (212°F) (Water). Weighted average: 140.43°C (284.8°F)
Melting/Freezing Point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -46.19°C (-51.1°F)
Critical Temperature	Not available.
Specific Gravity	0.9 to 0.98 (Water = 1)
Vapor Pressure	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 1.17 kPa (8.78 mm Hg) (at 20°C)
Vapor Density	The highest known value is 5.11 (Air = 1). Weighted average: 2.93 (Air = 1)
Volatility	Not available.
Odor Threshold	The highest known value is 34.6 ppm
Evaporation Rate	0.02 compared to Butyl acetate
VOC	Not available.

Odor	Not available.
Taste	Not available.
Color	Blue. (Dark.)

Viscosity	Not available.
LogK$_{ow}$	The product is much more soluble in water.
Ionicity (in Water)	Anionic.
Dispersion Properties	See solubility in water, methanol, diethyl ether.
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Insoluble in n-octanol.
Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Not available.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids. Slightly reactive to reactive with reducing agents.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): 1900 mg/kg [Rat]. Acute dermal toxicity (LD50): 9510 mg/kg [Rabbit].
Chronic Effects on Humans	No additional remark.
Other Toxic Effects on Humans	Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (irritant). Slightly hazardous in case of skin contact (sensitizer).
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.
	These products are carbon oxides (CO, CO_2) and water, nitrogen oxides (NO, NO_2...), sulfur oxides (SO_2, SO_3...), phosphates. Some metallic oxides.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Consult your local or regional authorities.

Section 14. Transport Information

Shipping Description	Not a DOT controlled material (United States).
	Not regulated.
Reportable Quantity	11061.8 lbs. (5016.7 kg)
Marine Pollutant	Not regulated - Alkylaryl sulfonate amine salt - less then 10 % .
Special Provisions for Transport	Contains alkylbenzenesulfonate

Section 15. Regulatory Information

HCS Classification	CLASS: Target organ effects.
U.S. Federal Regulations	TSCA 8(a) PAIR: contains Alkylbenzenesulfonate SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
International Regulations	
EINECS	Not available.
DSCL (EEC)	Risk to eyes. May cause irriationby skin contact. R322- May be harmful if swallowed. R36/38- Irritating to eyes and skin.
International Lists	No products were found.
State Regulations	Pennsylvania RTK: Dipropylene glycol monomethyl ether; Trade Secret; Gylcol Ether PNB Florida: Dipropylene glycol monomethyl ether; Ethanol Minnesota: Dipropylene glycol monomethyl ether Massachusetts RTK: Dipropylene glycol monomethyl ether; Ethanol New Jersey: Ethanol; Gylcol Ether PNB **WARNING:** This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Ethanol

Section 16. Other Information

Label Requirements

MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Hazardous Material Information System (U.S.A.)

Health	*	1
Fire Hazard		0
Reactivity		0
Personal Protection		B

National Fire Protection Association (U.S.A.)

References Not available.

Other Special Considerations Not available.

Validated by Charles Toups on 9/2/2004.

Verified by Charles Toups.

Printed 9/2/2004.

Emergency Phone:
Transportation Emergency Call
CHEMTREC 800-424-9300
Other Information Call
Charles Toups
361-0796

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

APPENDIX B
Certification of Siting Criteria

1 Certification of Siting Criteria

Hydrostatic Testing of Line 3201 West of Farmington

On February 10, I, Arnold V. Madrid, performed review to look for the presence of the items listed below. Some were observed within the specified distance for each item listed below from the edge of the pipeline right of way to site where the one water storage tank will be located at mile post 6 + 4726 on Line 3201 in San Juan County, NM. The hydro-test water will also be introduced to the pipeline at this site. A note beside each item below describes my review.

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake; *NOTE: The actual La Plata River is further than this distance at 926 feet.*

ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain; *NOTE : I will defer to the statement and research from our consultant, Kleinfelder. This information is included as part of the NOI.*

iii. Within, or within 500 feet of, a wetland; *NOTE: No, the La Plata River's green belt (the bosque) is a distance of 756 feet.*

iv. Within the area overlying a subsurface mine; *NOTE: I will defer to the statement and research from our consultant, Kleinfelder. This information is included as part of the NOI.*

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church. *NOTE: Yes. The nearest home (apartment complex immediately Westside of SR 170) is 203 feet from where the tank is planned to be staged.*

On behalf of El Paso Natural Gas, I state that the above information is complete and true to the best of my knowledge.

Arnold V Madrid
Arnold V. Madrid
Cross Functional Technician

02/10/2010
Date

APPENDIX C
Copy of Email from the New Mexico Abandoned Mine Lands Program

Jill Hernandez - RE: Abandoned Mines in Farmington, NM

From: "Tompson, Mike, EMNRD" <Mike.Tompson@state.nm.us>
To: "Jill Hernandez" <JHernandez@kleinfelder.com>
Date: 2/10/2010 8:27 AM
Subject: RE: Abandoned Mines in Farmington, NM

Jill,

We have no record of abandoned mines in those four sections. But again, not every abandoned mine is known to us so there could always be a chance of finding one in that area.

Hope that helps.

Mike Tompson

From: Jill Hernandez [mailto:JHernandez@kleinfelder.com]
Sent: Tuesday, February 09, 2010 3:29 PM
To: Tompson, Mike, EMNRD
Subject: Abandoned Mines in Farmington, NM

Mike,
I am preparing a notice of intent to complete a hydrostatic test in the Farmington area. Could you please let me know if there are any known, abandoned mines in the following areas:

- Section 6, Township 29N, Range 13W
- Section 5, Township 29N, Range 13W
- Section 32, Township 30N, Range 13W
- Section 31, Township 30N, Range 13W

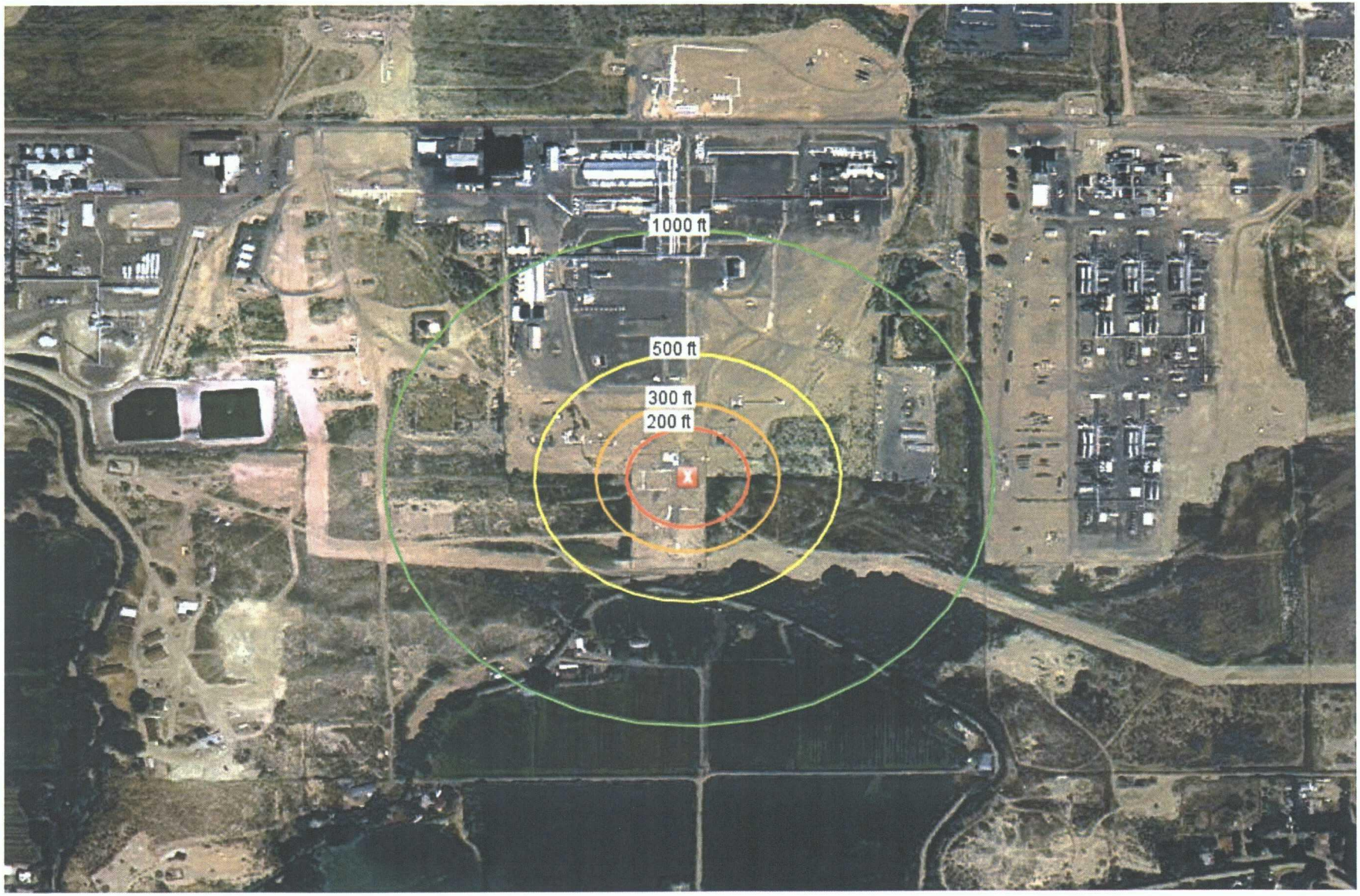
Thanks, Jill

Jill Hernandez
Staff Engineer
8300 Jefferson NE, Suite B
Albuquerque, New Mexico 87114
o| 505.344.7373
f | 505.344.1711

0 200 400ft

N
W E
S

Petroleum Recovery Research Center	Mines in the Vicinity of MP 6-47+26	Figure: C-1
	EPNG 3201 West Pipeline Hydrostatic Test	Feb 10, 2010

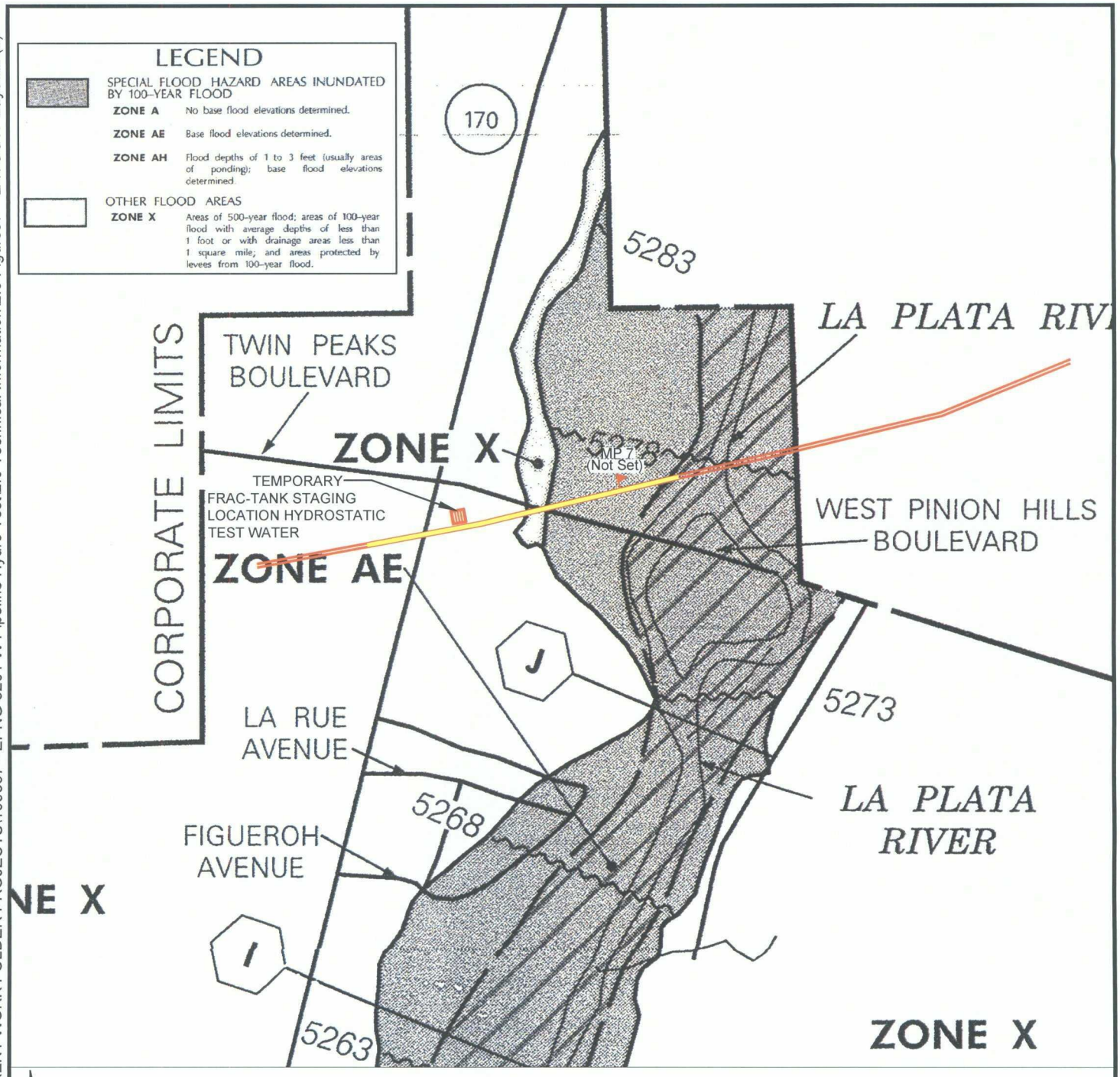


0 200 400ft

N
W E
S

Petroleum Recovery Research Center	Mines in the Vicinity of the Blanco Compressor Station	Figure: C-2
	EPNG 3201 West Pipeline Hydrostatic Test	Feb 10, 2010

APPENDIX D
Federal Emergency Management Administration Flood Insurance Rate Map



N

500 0 250 500 ft

APPROXIMATE SCALE: 1 inch = 500 feet

LEGEND

APPROXIMATE EPNG 3201 &3222 PIPELINE

APPROXIMATE HYDROSTATIC TEST SEGMENT

APPROXIMATE HYDROSTATIC TEST WATER FRAC-TANKS

SOURCE: Fema map created from http://msc.fema.gov.

NOTE:
EPNG 3201 Pipeline recreated from 03201 00-002 20 Expanded Job Markup .dwf from EPNG.

KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.	109637
DRAWN:	FEB 2010
DRAWN BY:	PD
CHECKED BY:	JH
FILE NAME:	109637_01_0.dwg

FEMA FLOOD INSURANCE MAP

EPNG 3201 WEST HYDROSTATIC TEST
SAN JUAN COUNTY
FARMINGTON, NEW MEXICO

ORIGINATOR: C. COREY
APPROVED BY:
DRAWING CATEGORY: 1

APPENDIX **D**

ATTACHED IMAGES: Images: A$C6F62182C.dib Images: New Mexico State Map.bmp
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\109637 - EPNG 3201 W Pipeline Hydro Test\2.0 Technical Information\2.8 Figures\ LAYOUT: Layout2 (2)

APPENDIX E
List of Landowners within 1/3 Mile of the Boundary of the Temporary Frac-tank Storage Area near Mile Post 6

Landowners within 1/3 mile of the 3201 West Pipeline undergoing hydrostatic testing

Owner Name	Address	City, State, Zip
FARMINGTON CITY OF	800 MUNICIPAL DR.	FARMINGTON, NM 87401-2663
THREE AMIGOS WELDING	P O BOX 1304	AZTEC, NM 87410-1304
GRISOLANO JEFF W AND AMANDA B	2825 FIGUEROA AVE	FARMINGTON, NM 87401-0000
MARTIN ZACK B OR MARY	PO BOX 3564	FARMINGTON, NM 87499-3564
L&M VENTURES INC	P O BOX 2611	FARMINGTON, NM 87499-2611
PINE HARVEY ET UX	2700 LA PLATA HWY	FARMINGTON, NM 87401-1877
PEARSON DONALD E AND VENEDA F TRUST	4200 SKYLINE DR	FARMINGTON, NM 87401-9224
LEE MYRTLE	2750 LA PLATA HWY	FARMINGTON, NM 87401
CHRISTENSEN HOPE I C/O 1	5511 ARROYO DR	FARMINGTON, NM 87402-5001
HUTCHINSON CLYDE	2850 FIGUEROA AVE	FARMINGTON, NM 87401-1844
TSOSIE HARRY D	PO BOX 2562	KIRTLAND, NM 87417

Owner Name	Address	City, State, Zip
SPRINKLE SHERRY	601 KERNEY DR	FARMINGTON, NM 87401-3643
LINKER OLEN G	PO BOX 2309	PAGE, AZ 86040
GRANT TOM B AND NORMA M	300 W 26TH ST	FARMINGTON, NM 87401
WILCOX ROBERT LOUIS AND AUDREY N	PO BOX 2597	PAYSON, AZ 85547
CHAMBLEE CHARLES E AND NINA V	2570 LA RUE AVE	FARMINGTON, NM 87401-0000
CARANTA JOHN T AND JANA L	20 CR 3785	FARMINGTON, NM 87401
SANDOVAL DEBRA J	2890 FIGUEROA	FARMINGTON, NM 87401
DAVIS HORACE E	2900 LA PLATA HWY	FARMINGTON, NM 87401-1819
HARRISON KENNETH F	2955 LA PLATA HWY	FARMINGTON, NM 87401
ARID ACRE CLUB INC	P O BOX 534	FARMINGTON, NM 87499-0534
L AND M VENTURES INC	2625 LA PLATA HWY	FARMINGTON, NM 87401
PINE HARVEY ET UX	2700 LA PLATA HWY	FARMINGTON, NM 87401-1877

Owner Name	Address	City, State, Zip
L&M VENTURES INC	P O BOX 2611	FARMINGTON, NM 87499-2611
BEGAY GRACE	2661 NO A LA PLATA HWY	FARMINGTON, NM 87401-1818
MURRAY GLEN AND LESLIE CHARITABLE	PO BOX 2611	FARMINGTON, NM 87499-2611
EDWARDS DUWAYNE F ET UX	2840 LA PLATA HWY	FARMINGTON, NM 87401-1879
TRUJILLO PRAX	2830 FIGUEROA AVE	FARMINGTON, NM 87401
LINKER OLEN G	PO BOX 2309	PAGE, AZ 87040
DESERT PROPERTIES OF SOUTHWEST	1004 S LAKE ST	FARMINGTON, NM 87401
PAYNE ETHAN C ET UX	2850 LA PLATA HWY	FARMINGTON, NM 87401-1879
SANDOVAL DEBRA J	2890 FIGUEROH	FARMINGTON, NM 87401
MEYERS RICHARD L AND KATHLEEN S STANTON	1278 SENDA DEL VALLE	SANTA FE, NM 87507
APACHE PARK LLC	1113 W APACHE NO 14	FARMINGTON, NM 87401

Owner Name	Address	City, State, Zip
DIMMICK DARROL ET UX	12915 LAFAYETTE NO F	THORTON, CO 80241
DESERT INVESTMENTS LLC	2620 LA RUE AVE	FARMINGTON, NM 87401
ARVIZO ROCIO M	PO BOX 2461	KIRTLAND, NM 87417
BAYLESS ROBERT L JR ET AL	P O BOX 168	FARMINGTON, NM 87499-0168
FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 87401-2663
BAYLESS ROBERT L JR ET AL	P O BOX 168	FARMINGTON, NM 87499-0168
INDUSTRIAL MECHANICAL INC	P O BOX 2408	FARMINGTON, NM 87499-2408
KYSAR RAYMOND L JR AND PATSY SUE TRUST	300 W ARRINGTON SUITE 100	FARMINGTON, NM 87401
HOUSE DAVID M	515 W 24TH ST	FARMINGTON, NM 87401
LINSCOTT RANDALL M AND NANCY J	12195 CR 120	HESPERUS, CO 81326
FARMINGTON CITY OF	800 MUNICIPAL DR	FARMINGTON, NM 87401-2663

Owner Name	Address	City, State, Zip
PETE JOHNNIE JR ET UX	2955 TWIN PEAKS BLVD	FARMINGTON, NM 87401
ENSOR ROGER ETAL	5417 SANTA THERESA CT	FARMINGTON, NM 87402-5006
STRUNK BERNARD N TRUSTEES	P O BOX 821	FARMINGTON, NM 87499-0821
STRUNK BERNARD N AND DAGMAR TRUST	PO BOX 821	FARMINGTON, NM 87499
CAIN CHRIS E	3250 LA PLATA HWY	FARMINGTON, NM 87401-1821
RICHARDSON DAVID B JR QSST TRUST ETAL	5600 S QUEBEC ST, SUITE 130B	GREENWOOD VILLAGE, CO 80111
HAWKINS SABRINA L	3270 LA PLATA HWY	FARMINGTON, NM 87401-1821
HARRELSON JOHN F TRUSTEES	3310 LA PLATA HWY	FARMINGTON, NM 87401-1885
HARRELSON JOHN F TRUST	3310 LA PLATA HWY	FARMINGTON, NM 87401-1885
HARRELSON JOHN F TRUSTEES	3310 LA PLATA HWY	FARMINGTON, NM 87401-1885
LIMBERGER NATALIE	173 RD 3100	AZTEC, NM 87410

Owner Name	Address	City, State, Zip
HARRELSON JOHN F TRUSTEES	3310 LA PLATA HWY	FARMINGTON, NM 87401
TROY KING 90 LLC	PO BOX 4269	ARIZONA CITY, AZ 85223
HOUSE STEPHEN	2520 LA RUE NO 3	FARMINGTON, NM 87401
DUNCAN GARY W AND EVA	3810 GOLDEN AVE	FARMINGTON, NM 87402
PINO JOE S	2951 LA PLATA	FARMINGTON, NM 87401
ABNEY KEVIN L AND DALLENE G	2101 E 13TH ST	FARMINGTON, NM 87401
HOUSE STEPHEN	2520 LA RUE NO 3	FARMINGTON, NM 87401
ABNEY KEVIN L AND DALLENE G	2101 E 13TH ST	FARMINGTON, NM 87401
PARTS BOX INC	177 COTTONWOOD LN STE 14	CASA GRANDE, AZ 85222
CREATIVE DESIGN BUILDERS INC	PO BOX 2041	ARIZONA, AZ 85223-2041
STANDIFER DAVID AND PAMELA	3400B LA PLATA HWY	FARMINGTON, NM 87401

Owner Name	Address	City, State, Zip
COOMBS TAMARA J	3450 LA PLATA HWY	FARMINGTON, NM 87401-1887
BLEDSOE PAULINE TRUST	PO BOX 4269	ARIZONA CITY, AZ 85223
TIERRA LA PLATA LLC	PO BOX 2367	FARMINGTON, NM 87499-2367
REED LEJOHN B AND BONNIE S	P O BOX 2226	FARMINGTON, NM 87499-0226

APPENDIX F
Map of Landowners within 1/3 Mile of the Pipeline Easement

El Paso Natural Gas Company
3201-West Hydrostatic Test
Landowners
Within 1/3 mile Of Test Area

30N 14W

36

S

30N 13W

31

COOMBS TAMARA J

STANDIFER DAVID AND PAMELA

HARRELSON JOHN F TRUSTEES

LIMBERGER NATALIE

REED LEJOHN B AND BONNIE S

HARRELSON JOHN F TRUSTEES

TIERRA LA PLATA LLC

BLM

HARRELSON JOHN F TRUST

HARRELSON JOHN F TRUSTEES

HAWKINS SABRINA L

BLM

CAIN CHRIS E

STRUNK BERNARD N AND DAGMAR TRUST

RICHARDSON DAVID B JR QSST TRUST ETAL

ENSOR ROGER ETAL

STRUNK BERNARD N TRUSTEES

Test Area

FARMINGTON CITY OF

LINSCOTT RANDALL M AND NANCY J

PETE JOHNNIE JR ET UX

INDUSTRIAL MECHANICAL INC

HARRISON KENNETH F KYSAR RAYMOND L JR AND PATSY SUE TRUST

1

P

29N 14W

29N 13W

6

PINO JOE S

DUNCAN GARY W AND EVA

HOUSE DAVID M

5

HOUSE STEPHEN

HOUSE STEPHEN

BAYLESS ROBERT L JR ET AL

ABNEY KEVIN L AND DALLENE G SANDOVAL DEBRA J

DAVIS HORACE E

DIMMICK DARROL ET UX

BAYLESS ROBERT L JR ET AL

APACHE PARK LLC

ABNEY KEVIN L AND DALLENE G

PAYNE ETHAN C ET UX

CREATIVE DESIGN BUILDERS INC

LINKER GLEN G

TSOSIE HARRY D

TRUJILLO PRAX

TROY KING 90 LLC

FARMINGTON CITY OF

THREE AMIGOS WELDING

PARTS BOX INC

CHRISTENSEN HOPE I C/O 1

PEARSON DONALD E AND VENEDA F TRUST

LEE MYRTLE

BEGAY GRACE

PINE HARVEY ET UX

PINE HARVEY ET UX

MURRAY GLEN AND LESLIE CHARITABLE

FARMINGTON CITY OF

L AND M VENTURES INC

ARID ACRE CLUB INC

L&M VENTURES INC L&M VENTURES INC

BLEDSOE PAULINE TRUST

BLM

BLM

BLM

N

Legend

- 3201-West test 1/3 mile buffer
- Township lines
- Section lines
- 3201-West testing area
- Landowners within 1/3 mile

0 500 1,000

Feet

NCI

NELSON CONSULTING INC

906 Bailey Avenue, Farmington NM 87401

APPENDIX G
Public Notice Text in Spanish and English

PUBLIC NOTICE

The United States Department of Transportation (USDOT) requires periodic pressurized tests on all USDOT-regulated pipelines. El Paso Natural Gas Company (EPNG) hereby gives notice that the following discharge permit application has been submitted to the NM Oil Conservation Division (NMOCD) in accordance with Subsection A, B, D and F of 20.6.2.3108 of New Mexico Administrative Code (NMAC). The local EPNG mailing address is: El Paso Natural Gas, San Juan Area Office, P.O. Box 127, Bloomfield, NM 87413.

EPNG has submitted an application to perform a hydrostatic test of the 3201 Pipeline on the EPNG pipeline easement in Section 6, Township 29 North, Range 13 West in San Juan County, New Mexico. The purpose of hydrostatic (testing with water) is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. The test involves purging the natural gas from the pipeline, cleaning the pipeline with an aqueous, non-hazardous cleaning fluid, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for a specified duration of time.

A portion of the EPNG 3201 pipeline will be hydrostatically tested. Prior to hydrostatic testing, the pipeline will be cleansed using approximately 1,000 gallons of an aqueous and non-hazardous cleaning fluid, N-Spec 120. The cleaning solution will be stored in one or two 21,000-gallon frac-tanks at EPNG's Blanco compressor station located in the SE/4 of the NW/4, Section 14, Township 29 North, Range 11 West. A composite sample of the cleaning solution will be analyzed for corrosivity, ignitability, reactivity, and toxicity for disposal characterization, as required by Mesa Environmental or Thermo Fluids, Inc. The water/cleaning solution mixture may be stored in frac-tanks for two weeks with the option to store it for an additional two weeks. This water will be transported for proper disposal to the Mesa Environmental regional processing facility in Belen, NM or Thermo Fluids, Inc. in Albuquerque, NM.

Up to 10,000 gallons of fresh, unused water, from the City of Farmington, will be initially stored in one or two 21,000-gallon frac-tanks located in the SE/4 of the NE/4 of Section 6, Township 29 North, Range 13 West, approximately 50 feet east of State Road 170 and 90 feet southeast of the intersection of State Road 170 and 30th Street, within the City of Farmington. Following hydrostatic testing, hoses and/or flexible pipes will be used to transfer the used test water into the frac-tanks. A composite sample of this water will be analyzed by an EPA-approved analytical laboratory for waste characterization analysis of corrosivity, ignitability, reactivity, toxicity, and/or other characterization as required by Key Energy. Used test water may be stored in the frac-tanks for two weeks with the option to store it for an additional two weeks. The hydrostatic test water will not be discharged. After receipt of NMOCD approval, it will be properly transported and injected into a permitted Class 1 injection well operated by Key Energy of Farmington, NM.

The shallowest groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth of approximately six feet below the ground surface. This aquifer system has a total dissolved solids concentration of approximately 12,000 milligrams per liter or greater.

The notice of intent outlines how produced water and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to the waters of the State of New Mexico.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments please contact:

Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone: (505) 476-3487

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this hydrostatic test and will provide future notices for this pipeline upon request.

AVISO PÚBLICO

El Ministerio de Transporte de los Estados Unidos (USDOT) requiere pruebas periódicas de presión en todas las tuberías reguladas por el USDOT. Por medio de la presente, la compañía El Paso Natural Gas (EPNG) da por notificado que el permiso de la siguiente descarga ha sido sometido a la división de la conservación de Aceite (Petroleo) de Nuevo México (NMOCD) de acuerdo con la subdivisión A, B, D, y F del código administrativo # 20.6.2.3108 de Nuevo México. La dirección local de correo de EPNG es: El Paso Natural Gas, San Juan Area Office, P.O. Box 127, Bloomfield, NM 87413.

El Paso Natural Gas ha introducido una solicitud para conducir una prueba hidrostática en la tubería 3201 ubicada en la servidumbre (o área de servicio) de EPNG localizada en la sección seis (6) del Township 29 Norte con el Range 13 Oeste en el condado de San Juan, Nuevo México. El propósito de la prueba hidrostática (utilizando agua) es determinar el grado de los posibles defectos que pudiesen amenazar (disminuir) la capacidad de la tubería de mantener la presión máxima de operación permitida. La prueba hidrostática implica la purga del gas natural de la tubería, limpieza de la tubería con un liquido de limpieza acuoso y no-peligroso, llenado de la tubería con agua, y finalmente la presurización de la tubería a una presión más alta que la presión estándar de funcionamiento por un determinado tiempo.

Una porción de la tubería 3201 de EPNG será probada hidrostáticamente. Antes de la prueba hidrostática, la tubería será limpiada usando aproximadamente 1.000 galones de un liquido de limpieza (N-Spec 120) acuoso y no-peligroso. El líquido de limpieza será almacenado en uno o dos tanques de 21.000 galones de capacidad en la estaciones de compresión Blanco de EPNG ubicada en el SE/4 del NW/4, sección 14, Township 29 Norte, Range 11 Oeste. Una muestra compuesta de la solución empleada para la limpieza será analizada para determinar la corrosividad, capacidad de ignición, reactividad y toxicidad para efectos de ser caracterizado como material de desecho, según lo requerido/estipulado por Mesa Ambiental o Thermo Fluids, Inc. La mezcla de agua/liquido de limpieza puede ser almacenada en los tanques (frac-tanks) por dos semanas, con una opción de ser almacenados por dos semanas adicionales.. Esta agua será transportada para la disposición apropiada en las instalaciones de procesamiento regional de Mesa Environmental en Belen, Nuevo México o Thermo Fluids, Inc. en Albuquerque, Nuevo México.

Hasta 10.000 galones de agua, sin utilizar, de la ciudad de Farmington, serán almacenados inicialmente en uno o dos tanques de 21.000 galones (frac-tanks) situados en el SE/4 del NE/4 del sección 6, Township 29 Norte, Range 13 Oeste, aproximadamente 50 pies al este de la Calle Estatal 170 y 90 pies sureste de la intersección de la Calle Estatal 170 y la Calle 30 en la ciudad de Farmington. Después de la prueba hidrostática, mangueras y/o las tuberías flexibles serán utilizadas para transferir el agua utilizada durante la prueba a los tanques (frac-tanks). Una muestra de esta agua será analizada por un laboratorio (de pruebas analíticas) aprobado por la Agencia de Protección Ambiental (EPA) para realizar un análisis de disposición de desechos por corrosividad, capacidad de ignición, reactividad, toxicidad y cualquier otro tipo de caracterización requerido por Key Energy. La mezcla agua/liquido de limpieza utilizada durante la prueba se puede almacenar en los tanques (frac-tanks) por dos semanas con una opción de ser almacenados por dos semanas adicionales. El agua hidrostática utilizada durante la prueba no será descargada al ambiente. Después de haber recibido la aprobación por parte de NMOCD, el agua utilizada será transportada e inyectada en un pozo de inyección permisado con la Clase 1 y operado por Key Energy en Farmington, Nuevo México.

El agua subterránea superficial probablemente será afectada por una fuga (goteo), una descarga accidental, o un derrame que exista a una profundidad aproximada de 6 pies por debajo de la superficie de tierra. El sistema del acuífero tiene una concentración total de sólidos en suspensión entre aproximadamente 12.000 miligramos por litro o mas.

La notificación de cómo se va a proceder, ejecutar y/o manejar el agua y la basura producida serán dirigidas correctamente, incluyendo su manejo, almacenaje, y disposición final de las mismas. El plan también incluye los procedimientos para el manejo apropiado de fugas, descargas accidentales, y de derrames en las aguas del Estado de Nuevo México.

Para información adicional, para ser colocado en la lista de personas a quienes se les envía propagandas específicas relacionadas con instalaciones/facilidades, o enviar para comentarios, favor contactar a:

Brad Jones, ingeniero ambiental
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Teléfono: (505) 476-3487

El Departamento de Energía, Recursos Naturales y Minerales aceptará comentarios y declaraciones de interés correspondientes a esta prueba hidrostática y proporcionará futuras notificaciones bajo petición.