

**HITP - \_20\_**

**GENERAL  
CORRESPONDENCE**

**YEAR(S):  
\_2011\_**



March 8, 2012  
File No.: 114431.2-ALB12LT001

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 Replacement Check for  
Application Fee and Temporary Permit Fee  
Permit No. HTP-020  
Line 696 – MAPL 3-inch SJ River Plant to Chaco Plant  
San Juan County, New Mexico**

Dear Mr. Jones:

As discussed yesterday, Kleinfelder West, Inc. (Kleinfelder), on behalf of the Enterprise Products Operating Company, Inc. (Enterprise), is submitting the enclosed check no. 2253 in the amount of \$250.00. The check is made out to the Water Quality Management Fund.

The enclosed check is a replacement check for check no. 2238 (\$100) and check no. 2250 (\$150) that were submitted to the Oil Conservation District in August 2011, but were never cashed. The previously submitted checks were for the Application Fee (\$100) and the Temporary Permit Fee (\$150) for permit no. HTP-020 at the above referenced site.

Should you have any questions, please feel free to contact Eileen Shannon (Kleinfelder) at (505) 344-7373 or Runell Seale (Enterprise) at (505) 599-2124.

Respectfully submitted,  
**KLEINFELDER WEST, INC.**

Eileen L. Shannon, P.G.  
Project Manager

cc: Runell Seale, Enterprise, 614 Reilly Ave., Farmington, NM 87401



# DOCUMENT TRANSMITTAL FORM

|  |                          |                     |           |   |
|--|--------------------------|---------------------|-----------|---|
| <b>TO:</b> Mr. Brad Jones<br>Oil Conservation Division NM Energy Minerals<br>and Natural Resources Dept<br>1220 South Francis Dr<br>Santa Fe, NM 87505 | <b>PAGE</b>              | 1                   | <b>OF</b> | 1 |
|  | <b>TRANSMITTAL DATE:</b> | 3/8/2012            |           |   |
|  | <b>TRANSMITTAL DCN:</b>  | 114431.2-ALB12TS001 |           |   |
| <b>RETURN RESPONSES/COMMENTS TO:</b>   |                          | Eileen Shannon      |           |   |
| <b>RETURN RESPONSES/COMMENTS BY:</b>   |                          | 3/20/12             |           |   |

|                              |  |                      |  |
|------------------------------|--|----------------------|--|
| <b>PROJECT NO.:</b>          | 114431 / 2                                 | <b>PROJECT NAME:</b> | Enterprise Permits - SJ River to Chaco Hydrostatic |
| <b>ACTIVITY/DESCRIPTION:</b> | Replacement Check for Temporary Permit Fee |                      |  |

| DOCUMENTS BEING TRANSMITTED  |      |       |          |            |
|--|------|-------|----------|------------|
| ITEM   | REV. | PAGES | DATE     | DESIGNATOR |
| Check # 2253 to Water Quality Management Fund for Individual Temporary Permit HITP-020 | --   | --    | 3/8/2012 |            |
| HITD - 020 Letter  | 0    | 1     | 3/8/2012 |            |
|  |      |       |          |            |

2012 MAR 9 PM 12:27  
RECEIVED OGD

|  |   |
|--|---|
| <b>INSTRUCTIONS/REMARKS</b><br><br>Copy to Runell Seale  | <input type="checkbox"/> Mark previous issues "obsolete", "superceded", or "uncontrolled"<br><input type="checkbox"/> Destroy previous affected material<br><input type="checkbox"/> Return old material with this record<br><input checked="" type="checkbox"/> New issue (no previous copies received)<br><input type="checkbox"/> Replace with revised/new material<br><input type="checkbox"/> Maintain as controlled copy<br><input type="checkbox"/> Not Applicable |
| <b>RECEIPT AND READ ACKNOWLEDGEMENT</b><br>Please Sign and Return To:<br><br><b>ADMINISTRATIVE SUPERVISOR</b><br>9019 WASHINGTON NE, BUILDING A<br>ALBUQUERQUE, NM 87113 |   |

|  |                   |                  |             |
|--|-------------------|------------------|-------------|
| <b>CLIENT RECEIPT</b>                          | <b>PRINT NAME</b> | <b>SIGNATURE</b> | <b>DATE</b> |
| Complete & Return this page via Fax/Mail/Email |                   |                  |             |

|  |                   |                  |             |
|--|-------------------|------------------|-------------|
| <b>KLEINFELDER RECEIPT</b>                     | <b>PRINT NAME</b> | <b>SIGNATURE</b> | <b>DATE</b> |
| Complete this section upon receipt from client |                   |                  |             |

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 2253 dated 3/6/12

or cash received on \_\_\_\_\_ in the amount of \$ 100<sup>00</sup>

from Klienfelder Inc.

for HITP-20

Submitted by: Lawrence Romo Date: 3/13/12

Submitted to ASD by: Law - Rom Date: 3/13/12

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee ☒ New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 2011

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 0253 dated 3/6/12

or cash received on \_\_\_\_\_ in the amount of \$ 150<sup>00</sup>

from KleinFelder Inc

for HITP-20

Submitted by: Lawrence Rancro Date: 3/13/12

Submitted to ASD by: [Signature] Date: 3/13/12

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other TEND PERMISSION

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_



Enterprise Products™

ENTERPRISE PRODUCTS PARTNERS LP  
ENTERPRISE PRODUCTS OPERATING LLC

ENTERPRISE PRODUCTS GP, LLC, GENERAL PARTNER  
ENTERPRISE PRODUCTS OLP GP, INC., SOLE MANAGER

July 29, 2011

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

Re: Notice of Intent-Hydrostatic Test  
MAPL Line 696 – 3" SJ River Plant to Chaco Metering  
San Juan County, New Mexico

Dear Mr. Jones,

The attached request for Hydrostatic Test Special Permission is being submitted by Kleinfelder West, Inc. on behalf of Enterprise Products Operating, LLC. Please contact either myself or Eileen Shannon at Kleinfelder should you have any questions.

Thank you,

Runell Seale  
Environmental Scientist  
505-599-2124

RECEIVED OGD  
2011 AUG -2 A 9:02



August 2, 2011  
File No.: 114431.2-ALB11LT001

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  
                  Line 696 – MAPL 3-inch SJ River Plant to Chaco Plant  
                  San Juan County, New Mexico**

Dear Mr. Jones:

On behalf of the Enterprise Products Operating Company, Inc. (Enterprise), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit this Notice of Intent (NOI) for a hydrostatic test of the pipeline. Enterprise intends to dispose of the used hydrostatic test water into a Class I injection well; therefore, no surface discharge of hydrostatic test water is planned.

Enterprise planning to conduct hydrostatic testing on its 3-inch Line 696 located between San Juan River Plant and Chaco Plant in San Juan County. Actually placement of water into the pipeline is scheduled to start on approximately August 8, 2011. Approximately 26.11 miles of piping will be tested.

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, Pipeline Undergoing Hydrostatic Test;
- Figure 2, Temporary Frac tank Staging Location for Hydrostatic Test Water

A check totaling \$100.00 made out to the New Mexico Water Quality Management Fund will be submitted on behalf of Enterprise for the \$100 filing fee. A separate \$150 special permission fee will be paid upon NMOCD approval.

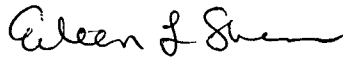
Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based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

Should you have any questions, please feel free to contact Eileen Shannon or Bernie Bockisch (Kleinfelder) at (505) 344-7373 or Runell Seale (Enterprise) at (505) 599-2124.

Respectfully submitted,

**KLEINFELDER WEST, INC.**

**Reviewed by:**



Eileen L. Shannon, P.G  
Project Manager



Bernard Bockisch, P.M.P.  
Senior Professional

cc: Runell Seale, Enterprise, 614 Reilly Ave., Farmington, NM 87401



## Background Information

- The Enterprise MAPL Pipeline number 696 is an existing 3-inch natural gas pipeline;
- This transportation pipeline is part of a network that transports natural gas liquids.
- 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. Because the pipeline is used for the transportation of natural gas, waste water generated during hydrostatic testing is classified as non-exempt RCRA waste and is subject to the Water Quality Control Commission (WQCC) Regulations.

## Notice of Intent Plan

On behalf of Enterprise, 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**

Mr. Don Anderson  
Enterprise Products Operating Company  
614 Reilly Ave.  
Farmington, NM 87401  
(505) 599-2124

#### **Local Representative**

Ms. Runell Seale  
Enterprise Products Operating Company  
614 Reilly Ave.  
Farmington, NM 87401  
(505) 599-2124

#### **Operator**

##### **Physical Address**

Chaco Gas Plant  
Approximately 15.5 miles South of Bloomfield, NM

##### **Mailing Address**

Ms. Runell Seale  
Enterprise Products Operating Company  
614 Reilly Ave.  
Farmington, NM 87401  
(505) 599-2124

### ***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 section of the 696 Pipeline to be tested is located in San Juan County. Water from the hydrostatic testing will not be discharged. Water will be transferred from the pipeline to frac tanks for temporary storage. The water will be tested and then hauled to a class 1 injection well. The location 696 Pipeline to be hydrostatically tested is shown on Figure 1.

The source of water used for the hydrostatic test will be fresh drinking water from the City of Bloomfield municipal water supply.

Three frac tanks, placed within secondary containment, will be located on Enterprise property located at the Chaco Plant near MP 1065+22. Directions to the Chaco Plant from Bloomfield, New Mexico are:

- Follow US-550 south for approximately 11.8 miles
- Turn right (west) onto Creek/Co Road 7100 for approximately 9.6 miles
- Turn left (south) at unnamed road and site will be approximately 0.5 miles down the road.

The tanks will be oriented in a manner that provides at least a 10-foot buffer between the tanks and the boundary of the property. The approximate coordinates for the proposed frac tank staging area are Latitude 36° 28' 53.08" North, Longitude 108° 7' 4.77" West. Approximately 52,920 gallons of water will be used for the hydrostatic test.

***Item c. Legal description of the discharge location;***

Storage of hydrostatic test water will occur in the frac tank staging area near MP 1065+22 at the following location:

SE ¼ of the SW ¼ of Section 16, Township 26 North, Range 12 West, San Juan County, New Mexico (See Figure 1).

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

Figure 1 is a regional map showing topography, the pipeline section undergoing testing, and the hydrostatic test water staging area. Figure 2 is a site-specific map showing details of the hydrostatic test water staging area.

***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.***

Because the hydrostatic test water will not be discharged to the surface, siting information is not required. The test water will be disposed of in a Class 1 injection well.

***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 clearing the pipeline of debris, purging the natural gas from the pipeline with nitrogen, filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for approximately twelve 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 53,000 gallons of fresh water will be used for the hydrostatic test.

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

Fresh water from the City of Bloomfield or other local municipal water supplies will be transported by Sunland Construction to the temporary frac tank staging area located at the San Juan River Plant. The water will be placed into the three 20,000 gallon frac tanks via hoses between the tanker trucks and the frac tanks. The fresh water will also be transferred from the frac tanks to the pipeline via hoses. After use, 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 approximately three 21,000 gallon frac tanks with secondary containment at the hydrostatic test water staging area at Chaco Plant (Figure 2). The secondary containment under the frac tanks will consist of straw-bailed berm overlain by plastic sheeting that will be placed under each individual frac tank. The bermed area will hold a minimum of 1 and 1/3 the volume of the frac tanks. The frac tanks will be located within 50 feet of the point of connection on the 696 pipeline. All individual tank valves will be closed and locked when not in use. Solids are not anticipated to be produced from the hydrostatic testing.

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

Enterprise intends to discharge the hydrostatic test water into frac tanks for temporary storage. The frac tanks will be located within a lined bermed area as described above in Item g. Once analytical results are obtained for the hydrostatic test water, the water will be transported from the project site in DOT-approved tanker trucks to Key Energy in Farmington, New Mexico. The water will be transported by Dawn Trucking Corporation, an approved OCD C-133 hauler. A copy of their approval is included in Appendix A. The water will be disposed of in a Class I injection well operated by Key Energy. No upland discharges are planned.

***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, Enterprise 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. Enterprise 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;***

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

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. Enterprise will provide the name and address of the facility and the appropriate disposal documentation to the NMOCD.

***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 52,920 gallons.

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

The site is located within the west-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. Average annual precipitation in the area is 8.5 inches per year.

Based on three wells installed at the site in 1992, the subsurface geology beneath the site consists of approximately 50 feet or less of sandy deposits above the lower shale unit of the Nacimiento Formation. The shale unit extends to approximately 105 feet below ground surface (bgs), where sandstone was encountered between 105 and 135 feet bgs. The remainder of the driller's log indicated sandstone and shale to a total borehole depth of 505 feet bgs (July 14, 1992 letter from El Paso Natural Gas to NMOCD).

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

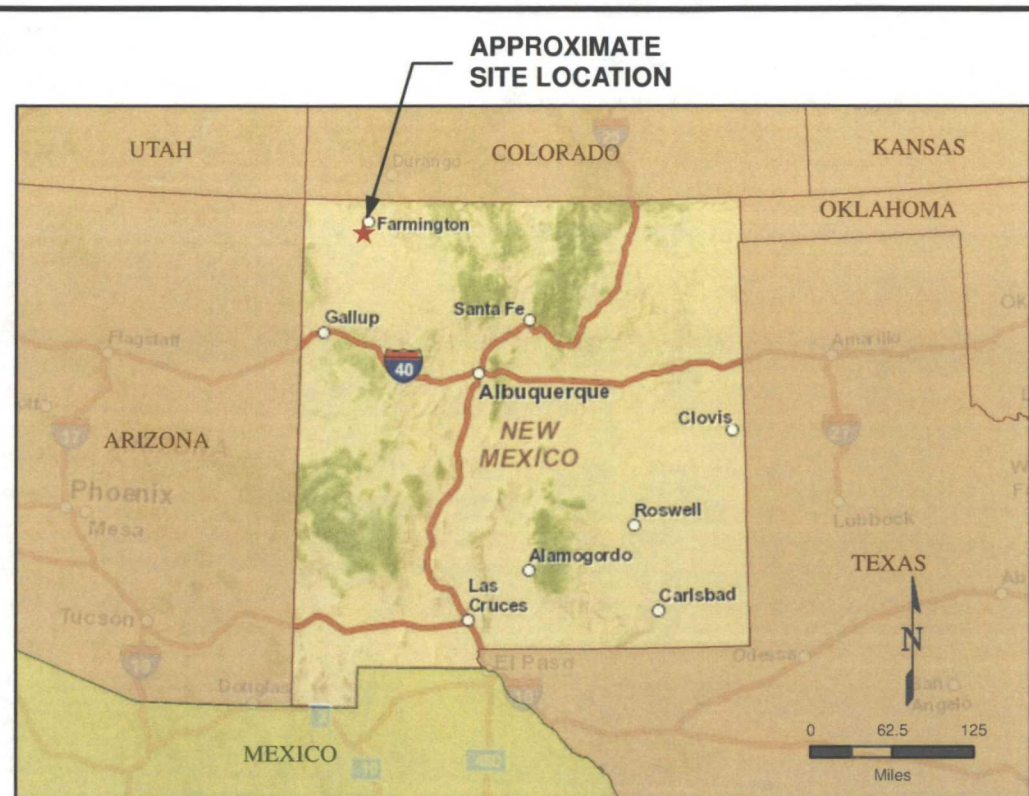
Based on three wells drilled in 1992, to depths of 505 feet below grade, depth to groundwater at the site is estimated to be at a depth of approximately 120 feet below the plant site in the sandstone of the Ojo Alamo Formation. Total dissolved solids (TDS) measured in these wells in 1992 ranged from 1,616 to 3,150 parts per million (July 14, 1992 letter from El Paso Natural Gas to NMOCD).

***Item o. Identification of landowners at, and adjacent to, the discharge collection/retention site. Landowners within 1/3-mile of the boundary of the temporary frac tank storage area within the Enterprise pipeline easement:***

Because the hydrostatic test water will not be discharged to the surface, this information is not required.

## FIGURES





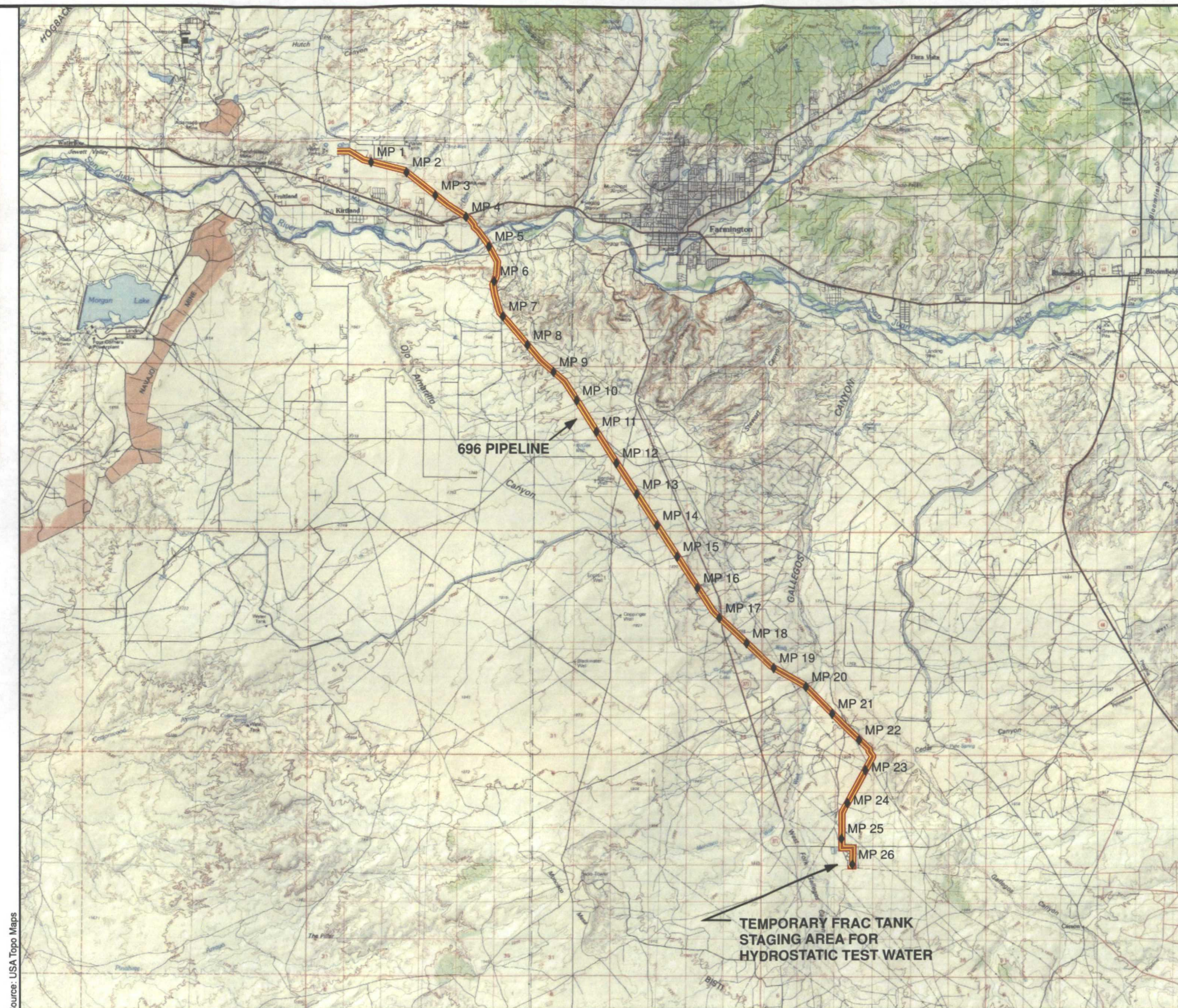
Source: ESRI World Street Map

### LEGEND

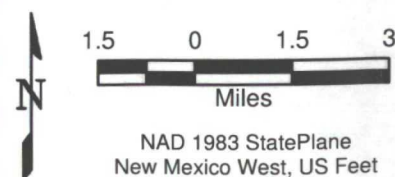
- APPROXIMATE ENTERPRISE 696 PIPELINE
- APPROXIMATE HYDROSTATIC TEST LOCATION
- ◆ APPROXIMATE MILE POST MARKERS
- ★ APPROXIMATE SITE LOCATION

### NOTE:

Enterprise 696 Pipeline recreated from ROCKYMNTN-696-PAL\_001.pdf through ROCKYMNTN-696-PAL\_007.pdf from Enterprise Products Company.



Source: USA Topo Maps



PROJECT NO.: 114431.2  
 DRAWN: JUL 2011  
 DRAWN BY: KFH  
 CHECKED BY: BB  
 FILE NAME:  
 114431\Figure1.mxd

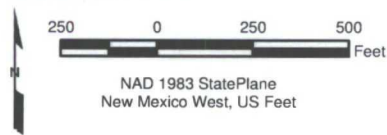
| ENTERPRISE<br>UNDERGOING HYDROSTATIC TEST  |                        |
|--|------------------------|
| Line 696 - MAPC 3-inch<br>San Juan River Plant to Chaco Plant<br>San Juan County, New Mexico |                        |
| ORIGINATOR: E. SHANNON<br>APPROVED BY: <i>ES 8/2/11</i>                                      | DRAWING CATEGORY:<br>1 |

FIGURE

1

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.






Source: ESRI World Imagery

NOTE:  
Enterprise 696 Pipeline recreated from ROCKYMNTN-696-PAL\_001.pdf  
through ROCKYMNTN-696-PAL\_007.pdf from Enterprise Products Company.

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

#### LEGEND

- APPROXIMATE ENTERPRISE 696 PIPELINE
- ▬▬▬ APPROXIMATE HYDROSTATIC TEST LOCATION
- END OF LINE PIPELINE STATIONING

|   |                                  |  |                        |
|---|----------------------------------|--|------------------------|
|  <p><b>KLEINFELDER</b><br/>Bright People. Right Solutions.</p> | PROJECT NO. 1114431.2            | <b>TEMPORARY FRAC TANK STAGING AREA<br/>FOR HYDROSTATIC TEST WATER</b><br><br>Line 696 - MAPC 3-inch<br>San Juan River Plant to Chaco Plant<br>San Juan County, New Mexico | FIGURE<br><br><b>2</b> |
|   | DRAWN: JUL 2011                  |  |                        |
|   | DRAWN BY: KFH                    |  |                        |
|   | CHECKED BY: BB                   |  |                        |
|   | FILE NAME:<br>114431\Figure2.mxd |  |                        |
|   |                                  | ORIGINATOR: E. SHANNON   |                        |
|   |                                  | APPROVED BY: <i>ES</i> 8-2-11  |                        |

**APPENDIX A**  
**Dawn Trucking Corporation OCD-Approval Letter**



Submit in triplicate to  
Santa Fe Office

State of New Mexico  
Energy Minerals and Natural Resources

Form C-133  
Revised 1-1-89

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**AUTHORIZATION TO MOVE PRODUCED WATER**

Transporter Name DAWN TRUCKING CORPORATION

Address P O BOX 1498 Office Location (If different) #16 CR 5860

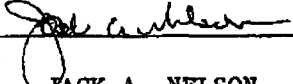
FARMINGTON, NM 87499-1498 FARMINGTON, NM 87401

Phone Numbers(s) 505-327-6314

State Corporation Commission Permit No. 1432657

**NOTE:** It is the responsibility of each holder of an approved Form C-133 to familiarize its personnel with the content of Division Rules 709 and 710 and to assure operations in compliance therewith. Failure to move and dispose of produced water in accordance with Division Rules 709 and 710 are cause for cancellation of Form C-133 and the authority to move produced water.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature  Date FEBRUARY 14, 2003

Printer Name JACK A. NELSON Title VICE PRESIDENT

(This space for State Use)

Approved by  Title Environmental Bureau Chief

Date 2/20/03