

**HITP - 29**

**GENERAL  
CORRESPONDENCE**

**YEAR(S):  
2012-2013**



**DCP Midstream**  
370 17th Street, Suite 2500  
Denver, CO 80202  
303-595-3331

July 13, 2012

**UPS 2ND DAY AIR** (Tracking Number 1Z F46 915 02 9389 3440)

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

Subject: Temporary Permission Fee for the Cimarex Cascade 12-inch Pipeline Hydrostatic Test Discharge Permit (HITP-027)<sup>29</sup>

Mr. Jones,

Here is a \$150 check to cover the temporary permission fee for HITP-027<sup>29</sup>. I received the permit yesterday.

Sincerely,

**DCP Midstream, LP**

Matthew C. Findley  
Senior Environmental Specialist

Attachments

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 339148 dated 7/13/12

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

from DCP Midstream LP

for HITP-29

Submitted by: Lawrence Romero Date: 7/18/12

Submitted to ASD by: Kevin Tom Date: 7/18/12

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

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

Modification \_\_\_\_\_ Other TEMP PERMISSION

Organization Code 521.07 Applicable FY \_\_\_\_\_

To be deposited in the Water Quality Management Fund.

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



**DCP Midstream**  
370 17th Street, Suite 2500  
Denver, CO 80202  
303-595-3331

July 9, 2012

**UPS 2ND DAY AIR** (Tracking Number 1Z F46 915 01 9315 9601)

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

Subject: Notice of Intent to Perform a Hydrostatic Test  
Cimarex Cascade 29 12-inch Pipeline Project  
Lea County, New Mexico

Mr. Jones,

Enclosed for your consideration is a Notice of Intent (NOI) prepared by DCP Midstream, LP (DCP) for the completion of a hydrostatic test and subsequent test water disposal associated with our recently installed Cimarex Cascade 29 pipeline. Approximately 19,000 feet of 12-inch steel pipeline will be hydrostatically tested in order to place this new natural gas gathering pipeline into service. The pipeline will be used to transmit field gas to DCP's Linam Ranch Gas Plant for processing.

Upon completion of the hydrostatic test, the test water will be withdrawn from the pipeline and temporarily placed into seven 500-barrel frac tanks prior to being hauled for disposal. The withdrawal point for the test water will be approximately 23 miles west of Jal, New Mexico. DCP expects that approximately 2,769 barrels of water will be required for the test. Shortly after completion of testing, the test water will be hauled by Texas Lobo Trucking to R360's evaporation basin near Halfway, NM for disposal. DCP plans on completing the hydrostatic test on or about August 11, 2012, and will dispose of the test water within 10 days of completion of the test.

This NOI was prepared following the information included in the New Mexico Oil Conservation Division (NMOCD) "Guidelines for Hydrostatic Test Dewatering", dated January 11, 2007, and following guidance provided by you during recent telephone conversations. A check for \$100.00 to cover the filing fee was mailed to you on June 6. The temporary permission fee (\$150.00) will be sent upon notification that the authorization to perform the hydrostatic test and to dispose of the test water has been approved.

If you have any questions or would like additional information, please contact me at 303.605.2176 or [mcfindley@dcpmidstream.com](mailto:mcfindley@dcpmidstream.com).

Sincerely,

**DCP Midstream, LP**

Matthew C. Findley  
Senior Environmental Specialist

**DCP Midstream, LP**  
**Notice of Intent to Perform a Hydrostatic Test**  
**Project Name: Cimarex Cascade 29 Hydrostatic Test**

RECEIVED OGD

2012 JUL 10 P 12:57

**Project Background Information**

DCP Midstream, LP (DCP) is currently planning to place into service a new 19,000 foot section of 12-inch 0.25 FBE steel pipeline in Lea County, New Mexico. Once placed into service, the pipeline segment will be used to transmit high pressure natural gas from the Cimarex Cascade 29 well site to DCP's Rattlesnake Pipeline (Line #11500). The gas will end up at DCP's Linam Ranch Gas Plant for treating and processing. In order to place this section of new pipeline into service, DCP plans to complete a hydrostatic test of the pipeline. It is estimated that this hydrostatic test will generate approximately 2,769 barrels (or 116,298 gallons) of wastewater. The wastewater generated will be RCRA exempt E&P waste based on the definition in 40 CFR 261.4(b)(5)- Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas or geothermal energy. It is DCP's intention to dispose of the generated wastewater in permitted evaporation basins, such that no wastewater will be intentionally discharged to the surface of the land.

DCP is submitting this Notice of Intent (NOI) in accordance with the New Mexico Oil Conservation Division's (NMOCD) "*Guidelines for Hydrostatic Test Dewatering*", dated January 11, 2007.

**Required Information**

**a. Operator/discharger name and address**

**Responsible Party**

Mr. Jim Allred  
DCP Midstream, LP  
1625 West Marland  
Hobbs, NM 88240  
Office - (575) 397-5543  
Cellular - (575) 802-5131

**Operator**

Mr. Telesforo (Polo) Rendon  
DCP Midstream, LP  
139 W US Hwy 62-180  
Hobbs, NM 88240  
Office - (505) 391-5704  
Cellular - (575) 802-5192

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

At the completion of the hydrostatic test, DCP will dewater from the pipeline at Cimarex Energy Corporation's Cascade 29 Federal #1-H well site (API#30-025-40346) approximately 23 miles west of Jal, New Mexico. To access the site from Jal, travel approximately 13 miles

west on NM 128 to Battle Ax Road, then south approximately 13.2 on Battle Ax Road, then turn right and travel for approximately 2.3 miles on El Paso right-of-way, then turn right on a lease road and travel approximately 4 miles to the Cimarex "Cascade 29" well. The well is in the Northwest Quarter of the Northwest Quarter of Section 29, Township 25 South, Range 33 East (New Mexico Meridian). The Cascade 29 well is located at nominal latitude 32° 6' 28" North and longitude 103° 36' 7" W

DCP plans to dispose of the test water at a state approved surface waste management facility (evaporation basins). Texas Lobo Trucking (TLT) will transport the water under a C-138 manifest from the discharge site to a disposal facility owned by R360 Environmental Services (aka R360 Permian Basin LLC), and operating under Order Number R-9166 and permit number NM1-006. The facility is near Halfway, New Mexico (approximately halfway between Hobbs and Carlsbad on US Highway 62. This disposal site is in Section 27, Township 20 South, Range 32 East (New Mexico Meridian). No intentional discharge of water to the ground surface will occur as a result of this project.

**c. Legal description (Section/Township/Range) of the discharge location**

Dewatering of the line and temporary storage will occur at the following location:

NW ¼ of the NW ¼ of Section 29, Township 25 South, Range 33 East

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

Figure 1 shows the pipeline that will be hydrotested and the dewatering site overlaid on USGS 1:24,000 topographic maps and illustrates the landscape traversed by the new pipeline. Figure 2 is an overview map showing the dewatering site overlaid on recent aerial imagery and shows land use surrounding the dewatering site.

Figure 3 is a topographic map of the dewatering site showing surface contours in the vicinity of the site.

Figure 4 is a detailed map showing planned locations of the tanks that will temporarily store hydrotest discharge water prior to hauling and disposal (overlaid on an aerial photo). These will be placed on the northeast corner of the Cimarex Cascade 29 Federal #1-H well pad.

Figure 5 is similar to Figure 4, except the information is overlaid on a USGS 1:24,000 map.

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

Since disposal of the hydrostatic test water will take place at R360 Environmental Services in Halfway, NM, demonstration of compliance with the siting criteria identified is not required, per Brad Jones.

**f. A brief description of the activities that produce the discharge**

The wastewater discharge will be generated from the hydrostatic testing of a 19,000 foot section of new 12-inch steel piping. The pipeline segment to be tested is owned by DCP Midstream, and will be used for transmitting high pressure natural gas from the Cimarex Cascade 29 well site to DCP's Rattlesnake Pipeline (Pipeline Number 11500). The gas will end up at the Linam Ranch Gas Plant for treating and processing.

The water used for the hydrostatic test will be acquired from the M&M Fresh Water Station located approximately 24 miles west of Jal, New Mexico on Highway 128 just on the north side of the road. The water originates from water wells in Lea County owned by Mark McCloy's Ranch. The supplier indicates that fresh water will be supplied for the hydrostatic tests, but did not have any analytical data (to use in the event of a spill). The hydrostatic test water will not be discharged to the ground surface, but will be withdrawn from the pipeline following completion of the test and placed into temporary frac tanks at the dewatering location. The test water will then be loaded into trucks operated by Texas Lobo Trucking for immediate delivery to R360's evaporation basins near Halfway, New Mexico.

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

Following completion of the hydrostatic test, the water will be transferred directly from the pipeline to the temporary frac tanks (approximately seven 500-barrel tanks) via a system of flexible hoses and temporary piping at the withdrawal point within DCP's Right-of-Way. Drip collection trays will be placed below the connection points to prevent test water from reaching the ground surface. Field operators will be present during water transfer operations to immediately close isolation valves in the event of a larger leak or line failure. Solids are not expected to be generated during the hydrostatic test.

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

The hydrostatic test water will be properly disposed of in the permitted evaporation basins identified above. Field operators and/or testing personnel will be onsite during the duration of the hydrostatic test and during all water transfer operations. Drip collection trays will be placed below hose and piping connections to prevent hydrostatic test water from making contact with the ground surface from incidental leaks during transfer operations.

Water will be transferred to seven 500-barrel frac tanks for temporary storage at the Cascade 29 well site following completion of the test and prior to disposal. To prevent an inadvertent release of test water to the surrounding environment, frac tanks at the dewatering location will be surrounded by secondary containment sized to be 1.33 times the size of the largest tank or largest interconnected volume (whichever is larger). Since there will not be an intentional surface discharge, erosion control measures are not currently planned for the dewatering location.

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

Texas Lobo Trucking has agreed to accept and dispose of the hydrostatic test water using the evaporation basin identified above. Based on this agreement, no alternative treatment or discharge location is being proposed at this time.

**j. A proposed hydrostatic test wastewater sampling plan**

DCP will not analyze the hydrostatic test water because it is RCRA exempt E&P waste based on the definition provided in 40 CFR 261.4(b)(5), and because the material will be disposed of in a permitted surface waste management facility.

**k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from the 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)**

As mentioned in j) above, DCP Midstream will not be analyzing the hydrostatic test water prior to disposal in R360 Environmental Services evaporation basins. Solids are not expected to be generated from the hydrostatic test.

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

Approximately 2,769 barrels (116,298 gallons) of water is expected to be generated during the hydrostatic test. Because the pipe to be tested is new and no additives will be used during the test, the quality of the wastewater is expected to be nearly identical to the quality of the water prior to hydrostatic testing. The wastewater generated is considered to be RCRA exempt E&P waste per 40 CFR 261.4(b)(5).

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

**Regional Features**

The proposed discharge area is located south of the Mescalero Ridge within the Pecos River Basin. The site sits in a relatively flat area and is approximately 1.5 miles north of the Paduca Breaks and the Red Hills.

**Site Geology**

The site geology is comprised of Quaternary Eolian and piedmont deposits (Holocene to middle Pleistocene). The area is characterized by interlayered eolian sands and piedmont-slope deposits that are typically capped by thin eolian deposits.

**Regional Hydrology**

The site is located in the Pecos River Basin but has no connecting drainage to the Peco's River. Average annual precipitation in this area of Lea County is meager – between 12 and 16 inches per year, and evapotranspiration is a significant component of the water balance in this region.

**Local Groundwater Hydrology**

The proposed discharge site is located within the Carlsbad Underground Water Basin (UWB). The principal aquifer in the Carlsbad UWB is in the Santa Rosa Sandstone, which is approximately 200 feet thick in this area. General ground-water flow in the Carlsbad UWB is in a southerly direction.

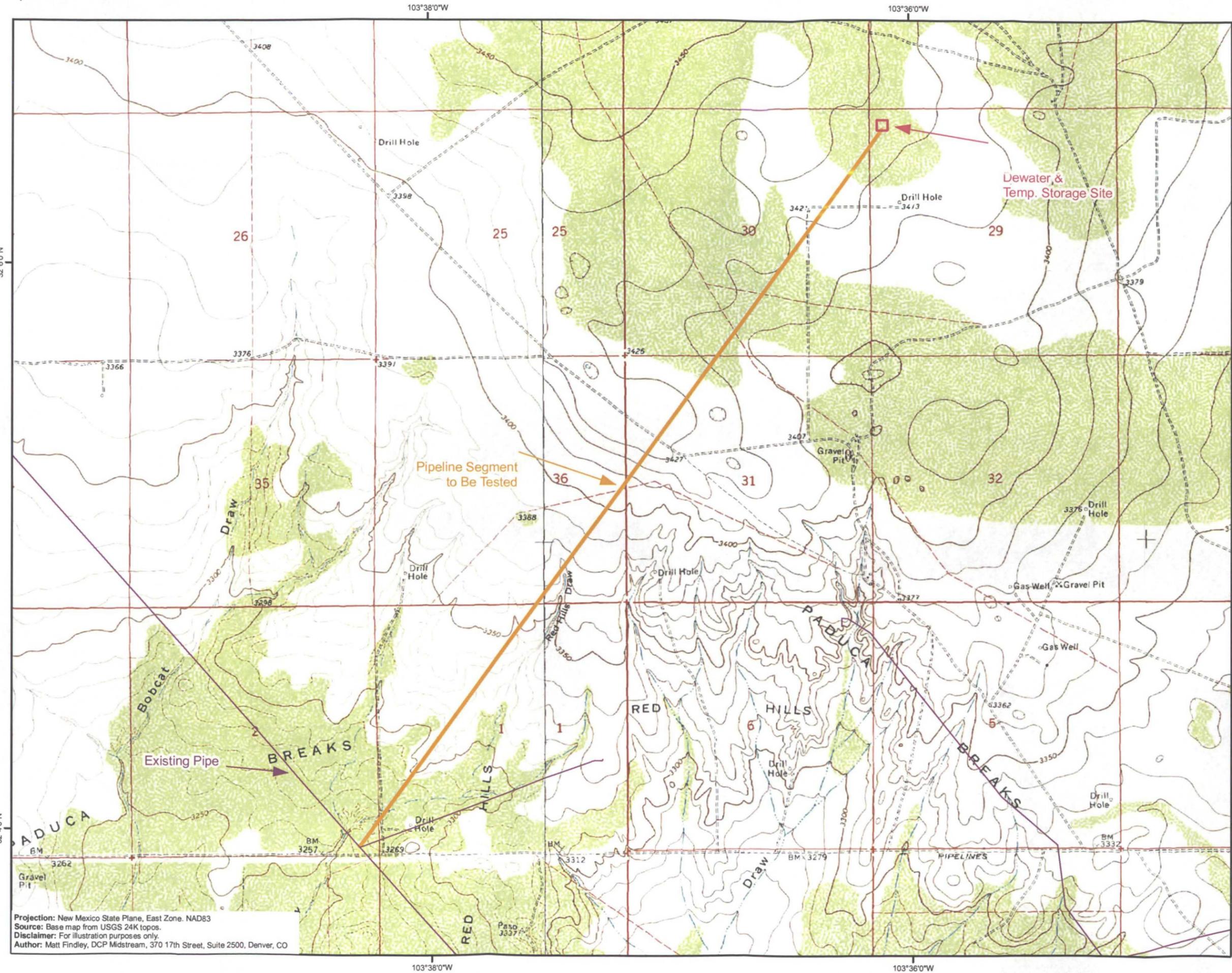
**n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge**

According to information available from the Lea County New Mexico Water Plan, depth to groundwater is approximately 275 ft. Total dissolved solids in groundwater from the Santa Rosa Sandstone ranges from 635 to 1,950 mg/L.

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

Cimarex Energy Corporation leases the right-of-way where the dewatering and temporary storage will occur from the Bureau of Land Management (BLM) and has agreed to let DCP Midstream use the land. The land adjacent to the withdrawal point is also owned by the BLM.

**FIGURES**



Locator Map



1 in = 2,000 feet  
1:24,000

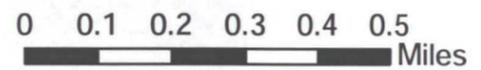
**Figure 1**  
**Overview**  
**Cimarex Energy**  
**Cascade 29**  
**Proposed Hydrotest**  
*Lea County, New Mexico*  
August 2012

Projection: New Mexico State Plane, East Zone, NAD83  
Source: Base map from USGS 24K topos.  
Disclaimer: For illustration purposes only.  
Author: Matt Findley, DCP Midstream, 370 17th Street, Suite 2500, Denver, CO





Locator Map



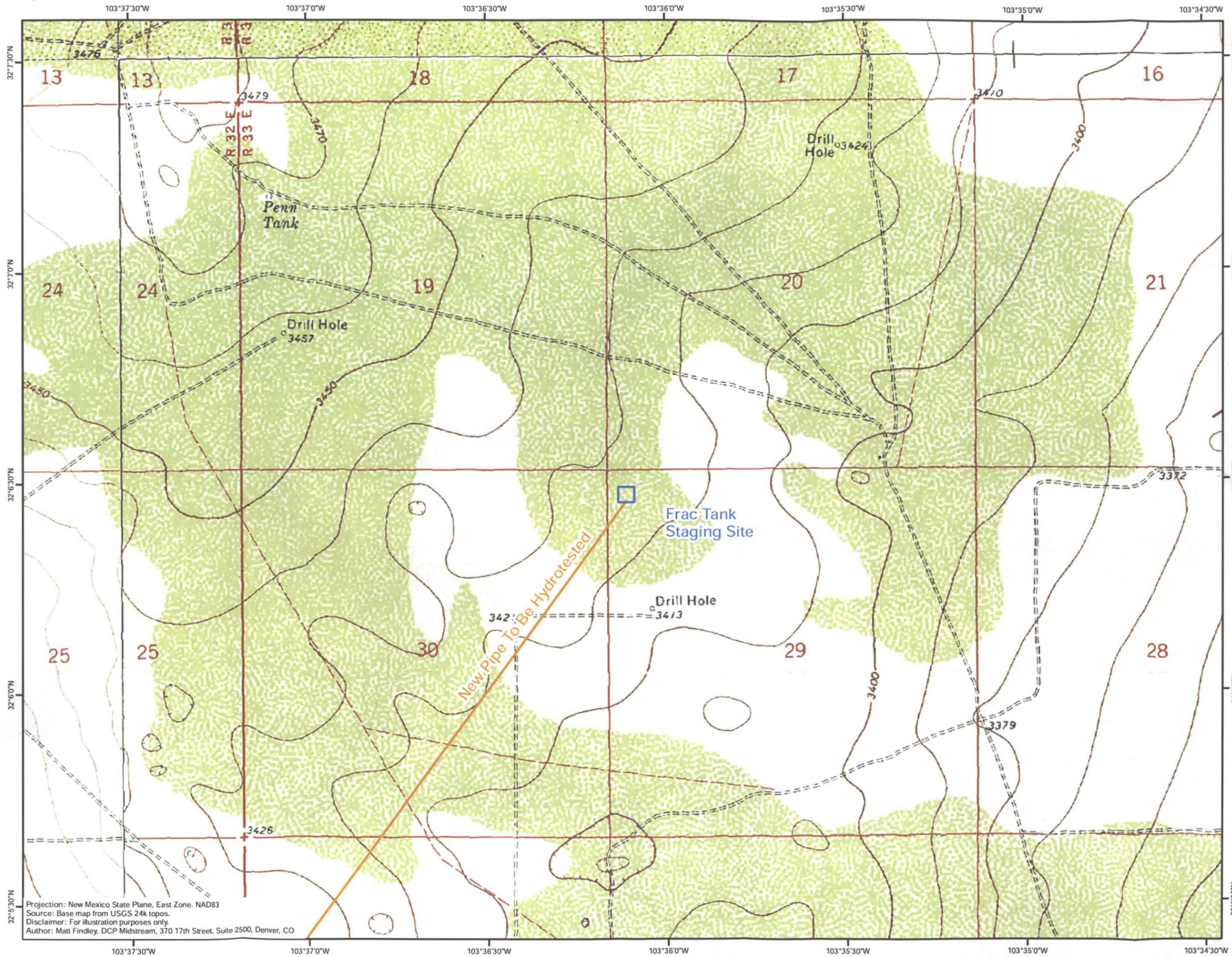
1 in = 0.25 miles

1:15,840

Figure 2  
 Ground Cover around  
 Dewater Site  
 Cimarex Energy  
 Cascade 29  
 Proposed Hydrotest  
 Lea County, New Mexico  
 August 2012



Projection: New Mexico State Plane, East Zone, NAD83  
 Source: Base image from Microsoft Bing Map Services  
 Disclaimer: For illustration purposes only.  
 Author: Matt Findley, DCP Midstream, 370 17th Street, Suite 2500, Denver, CO



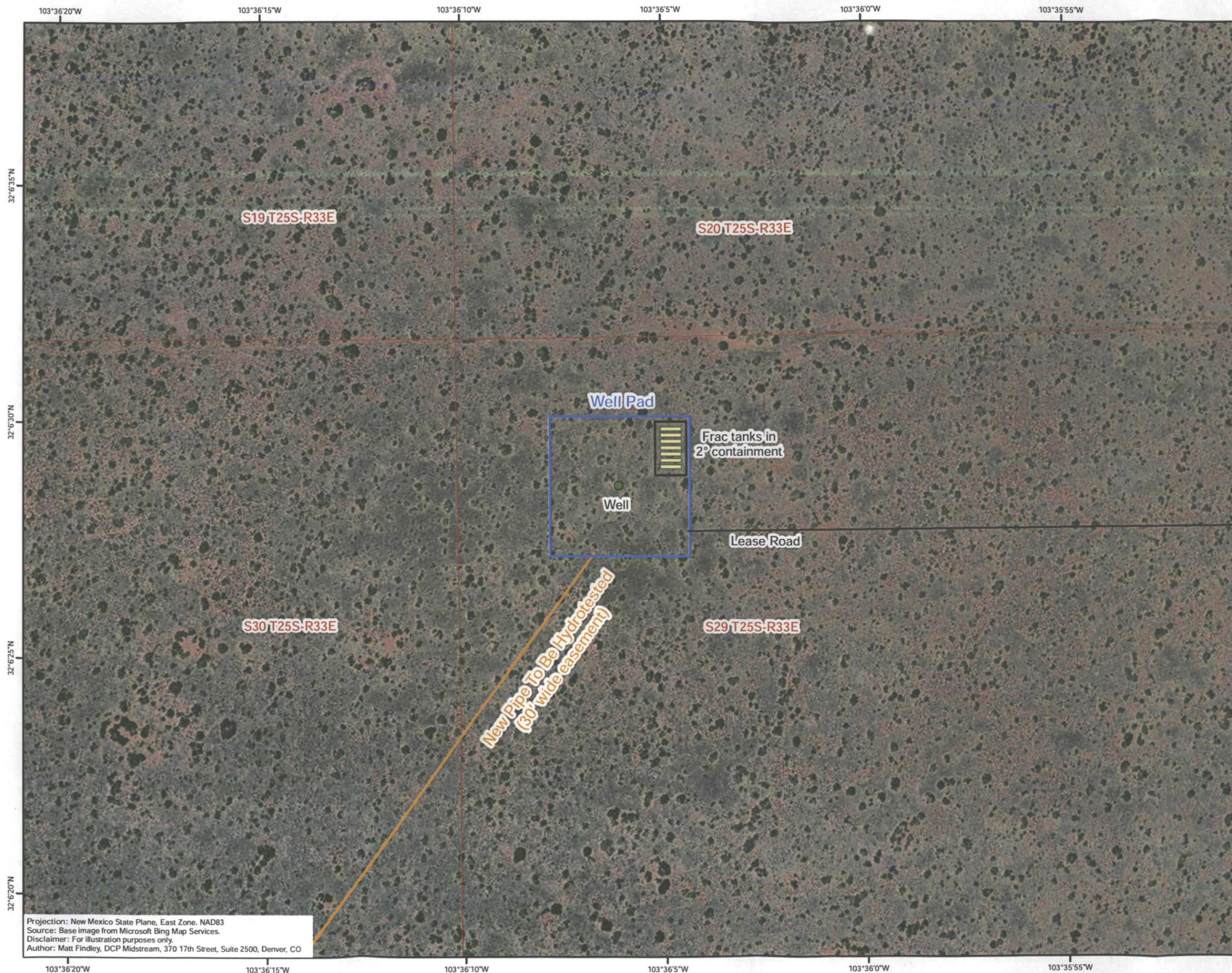
1 in = 0.25 miles

1:15,840

Figure 3  
 Topography around  
 Dewater Site  
 Cimarex Energy  
 Cascade 29  
 Proposed Hydrotest  
 Lea County, New Mexico  
 August 2012



Projection: New Mexico State Plane, East Zone, NAD83  
 Source: Base map from USGS 24k topos.  
 Disclaimer: For illustration purposes only.  
 Author: Matt Findley, DCP Midstream, 370 17th Street, Suite 2500, Denver, CO



Locator Map



1 in = 200 feet

1:2,400

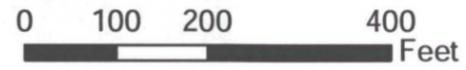
Figure 4  
Wellhead Detail on Aerial  
Cimarex Energy  
Cascade 29  
Proposed Hydrotest  
Lea County, New Mexico  
August 2012

Projection: New Mexico State Plane, East Zone, NAD83  
Source: Base image from Microsoft Bing Map Services.  
Disclaimer: For illustration purposes only.  
Author: Matt Findley, DCP Midstream, 370 17th Street, Suite 2500, Denver, CO





Locator Map



1 in = 200 feet  
1:2,400

Figure 5  
Wellhead Detail on Topo  
Cimrex Energy  
Cascade 29  
Proposed Hydrotest  
Lea County, New Mexico  
August 2012



Projection: New Mexico State Plane, East Zone, NAD83  
Source: Base map from USGS 24k topos.  
Disclaimer: For illustration purposes only.  
Author: Matt Findley, DCP Midstream, 370 17th Street, Suite 2500, Denver, CO



**DCP Midstream**  
370 17th Street, Suite 2500  
Denver, CO 80202  
303-595-3331

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July 6, 2012

2012 JUL 10 P 12: 57

**UPS 2ND DAY AIR** (Tracking Number 1Z F46 915 02 9969 8838)

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

Subject: Filing Fee for the Cimarex Cascade 12-inch Pipeline Hydrostatic Test Discharge Permit Application

Mr. Jones,

Here is a \$100 check to cover the filing fee for DCP's Notice of Intent (NoI) to conduct a hydrostatic test discharge from 19,000 feet of 12-inch steel pipe. The draft NoI package has already received review by OCD after it was provided to you via email on Monday, July 2, 2012, so I wanted to provide you with the filing fee now. A final NoI package will be mailed to your office soon.

If you have any questions or would like additional information, contact me at 303.605.2176 or [mcfindley@dcpmidstream.com](mailto:mcfindley@dcpmidstream.com).

Sincerely,

**DCP Midstream, LP**

Matthew C. Findley  
Senior Environmental Specialist

Attachments

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 338142 dated 7/5/12

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

from DGP Midstream LP

for HITP-29

Submitted by: Lawrence P. Rowley Date: 7/11/12

Submitted to ASD by: [Signature] Date: 7/11/12

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

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

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

Organization Code 521.07 Applicable FY 2013

To be deposited in the Water Quality Management Fund.

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