

GW - 342

INSPECTIONS & DATA

2001



December 21, 2001
AMEC Project No. 1-517-000088

Mr. Mark Bareta
Williams Field Services
188 CR 4900
Bloomfield, New Mexico 87413

**RE: Drain Line Testing
Williams Field Services Caprock NGL Pump Station
Lea County, New Mexico**

Dear Mr. Bareta,

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide Williams Field Services (WFS) with results of hydrostatic testing for the subsurface, non-pressurized, process and wastewater drain system at the WFS Caprock NGL Pump Station located in rural Lea County, New Mexico. Only subsurface, non-pressurized process and wastewater lines were tested according to the facilities' Oil Conservation Division (OCD) Ground Water Discharge Plan requirements.

AMEC mobilized to the site and began drain line testing activities on December 5, 2001. The work was completed on December 6, 2001. AMEC's on-site crew consisted of Bruce Hare (Site Supervisor) and a 3-man field crew.

The underground pipelines carrying process or wastewater were isolated. Each isolated system was filled with clean water and air was removed. A water-filled riser of sufficient height was used to provide a minimum of 3 pounds per square inch above normal operating pressure (all risers were at least 8-feet in height). A system was considered passing or non-leaking when the height of the water column held steady for a period of 60 minutes. Any leaks encountered were repaired and the system was re-tested until the passing criteria described above was met.

Details of each drain line tested are summarized in the attached Pressure Test Reports.

In keeping with WFS's policy, along with AMEC's own internal Health and Safety policies, AMEC's on-site employees attended daily safety meetings.

Williams Field Services
Drain Line Testing-Caprock NGL Pump Station
Phase 5, Task 31
December 21, 2001



AMEC appreciates the opportunity to perform these services at the Caprock NGL Pump Station for WFS. Should you have any questions, please feel free to contact our office at 327-7928.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

A handwritten signature in cursive script that reads "Robert Thompson".

Robert Thompson
Project Manager

Attachments: Daily Summary of Line Testing

Copies: Addressee (3)

Hydrostatic Line Testing Form



AMEC Project Number: 1517000088 Client: Williams Field Services

Task: 31 Facility Name: Caprock Station

Test Description: Hydrostat with water

System Description: 3" PVC

Test Medium: Water Test Pressure: 3 PSI Test Date: 12-6-01

Test Requirements: Hydrostatic pressure test on all underground process/wastewater pipelines in accordance with the State of New Mexico, Energy, Minerals, and Natural Resources Department - Oil Conservation Division Best Management Practices minimum requirements. Perform a hydrostatic pressure test on underground process/wastewater pipelines at 3 pounds per square inch for a period of one hour.

Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
12:05P	1:10P	101" WC	PASS	#1 unit Cap To waste water tank.
1:35P	2:40P	88" WC	PASS	#1 unit pump basin To main line.
				#2 unit To main line.
				#3 unit To main line.
				Main Line To waste water Tank.

Review and Approvals:

<u>Bruce Hare</u> AMEC Representative Signature	<u>Bruce Hare</u> Printed Name	<u>12-6-01</u> Date
<u>Kenneth Hammer</u> Client Representative Signature	<u>[Signature]</u> Printed Name	<u>12/6/01</u> Date