

# STAGE 1 & 2 REPORTS



#### Price, Wayne

From: Sent: To: Cc: Subject:

Price, Wayne Thursday, May 19, 2005 1:44 PM Cal Wrangham (E-mail); Mark Larson (E-mail) Sheeley, Paul; Johnson, Larry Dynegy Bertha Barber Tank Battery N/2 SW/4 Sec 5-TS 20S-R37E Ref AP-11

IR09

The OCD is in receipt of the monitor well closure report and hereby approves your closure request with no further action required at this time.

Please be advised that NMOCD approval of this plan does not relieve (Dynegy) of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve (Dynegy) of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487 fax: 505-476-3462 E-mail: WPRICE@state.nm.us Larson and Associates, Inc. 507 N. Marienfeld, Suite 202 Midland, Texas 79702 office - (432) 687-0901 mobile - (432) 556-8665

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May 2, 2005

Mr. Wayne Price New Mexico Oil Conservation Division Environmental Bureau 1220 South St. Francis Drive Santa Fe, New Mexico 87505

#### Re: Completion Report, Dynegy Midstream Services, L.P., Pipeline Segment Near Bertha Barber Tank Battery, N/2, SW/4, Section 5, Township 20 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:

Please find enclosed a copy of the above-referenced report. The report is submitted on behalf of Dynegy Midstream Services, L. P., and presents the results of monitoring well plugging and abandonment conducted by Larson and Associates, Inc. Please call Cal Wrangham at (432) 688-0542 or myself at (432) 687-0901 if you have questions.

Sincerely, Larson and Associates, Inc.

Lindy K. Crain

Cindy K. Crain, PG

cc: Mr. Cal Wrangham – Dynegy Mr. James Lingnau - Dynegy Mr. Chris Williams – NMOCD District 1



May 2, 2005

Mr. Wayne Price New Mexico Oil Conservation Division Environmental Bureau 1220 South St. Francis Drive Santa Fe, New Mexico

#### Re: Completion Report, Dynegy Midstream Services, L.P., Pipeline Segment Near Bertha Barber Tank Battery, N/2, SW/4, Section 5, Township 20 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:

Dynegy Midstream Services, L.P. (Dynegy) has retained Larson and Associates, Inc. (LA) to investigate a potential release of natural gas liquids (NGL) from a segment of pipeline owned by Dynegy, and located northwest of the former Bertha Barber Tank Battery (Site) operated by Marathon Oil Company (MOC). MOC notified the New Mexico Oil Conservation Division (NMOCD) that phase-separated hydrocarbons (PSH) resembling NGL was present in a monitoring well located near Dynegy's pipeline. On May 23, 2000, the NMOCD requested Dynegy to submit information related to pipeline leaks, spills, repairs and remediation actions it had for the site. On June 9, 2000, Dynegy submitted the requested documentation, and indicated that there was no evidence of hydrocarbon impacts along the pipeline right-of-way. Dynegy noted that field personnel had identified and repaired a leak along a section of steel line approximately 1/4-mile west-northwest of the Site. Dynegy representatives met with the NMOCD in May 2003, and committed to submitting a work plan to investigate its pipeline for a potential release that could have attributed to the impact. The work plan was submitted to the NMOCD on June 27, 2003, and was approved on September 10, 2003. A Subsurface Investigation Report, dated February 12, 2004, provided details of the installation of two (2) monitoring wells (MW-17 and MW-18), and groundwater monitoring results of those wells. Figure 1 presents a Site location and topographic map. Figure 2 presents a detailed Site drawing.

Analytical results from groundwater monitoring activities reported concentrations of toluene, ethylbenzene and xylene in groundwater from wells MW-17 and MW-18 below the New Mexico Water Quality Control Commission (NMWQCC) standards. The concentration of benzene in well MW-17 was below the NMWQCC standard of 0.01 milligrams per liter (mg/L). The concentration of benzene in well MW-18 (0.012 mg/L) exceeded the NMWQCC standard by 0.002 mg/L. Phase separated hydrocarbons (PSH) were not detected in either well, MW-17 or MW-18.

Mr. Wayne Price Page 2 May 2, 2005

Dynegy concluded that the data obtained from the subsurface soil investigation, did not provide any indication that PSH found in MOC's well MW-10 originated from the leak of the Dynegy pipeline, and believed they had no further obligation at the Site. A request for approval to plug and abandon the two (2) monitoring wells was submitted to the NMOCD on April 11, 2005. Approval was granted by the NMOCD to plug and abandon monitoring wells MW-17 and MW-18 on April 13, 2005.

#### **Current Activities**

On April 20, 2005, monitoring wells MW-17 and MW-18 were plugged according to New Mexico State Engineer (NMSE) guidelines. The above grade cover, concrete pad, well box and surrounding steel railing was removed. The well casing was removed to a depth of approximately three (3) feet below grade, and the remaining borehole was grouted from bottom to top with a bentonite/cement grout consisting of one (1) to three (3) percent bentonite powder. Appendix A provides the plugging reports for monitoring wells MW-17 and MW-18.

Dynegy requests that a No Further Action status be granted pertaining to the Pipeline Segment near Bertha Barber Tank Battery, N/2, SW/4, Section 5, Township 20 South, Range 37 East, Lea County, New Mexico.

Please call Mr. Cal Wrangham at (432) 688-0542 or myself at (432) 687-0901 if you have questions. We may also be reached by email at <u>cal.wrangham@dynegy.com</u> or <u>cindy@laenvironmental.com</u>.

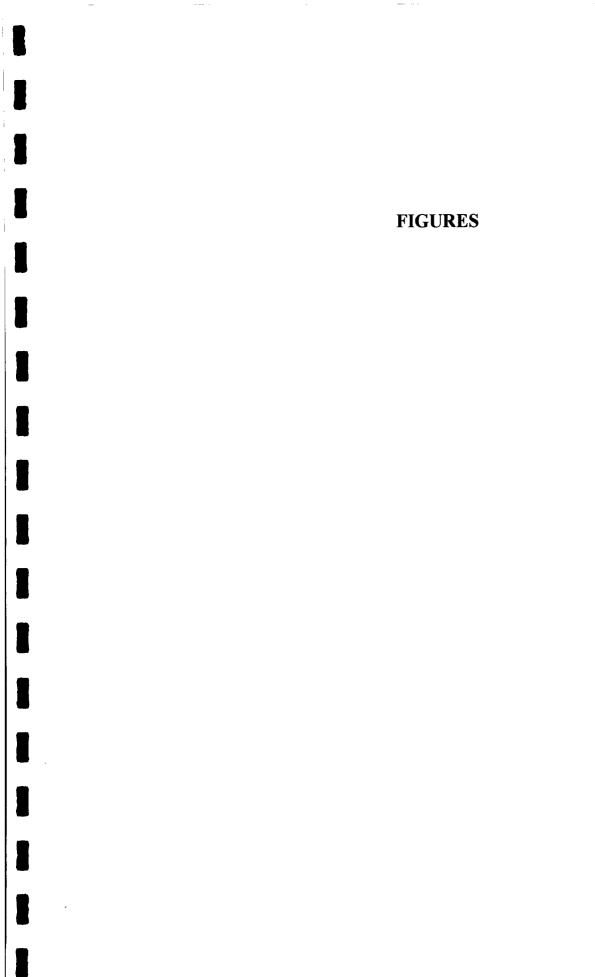
Sincerely, Larson & Associates, Inc.

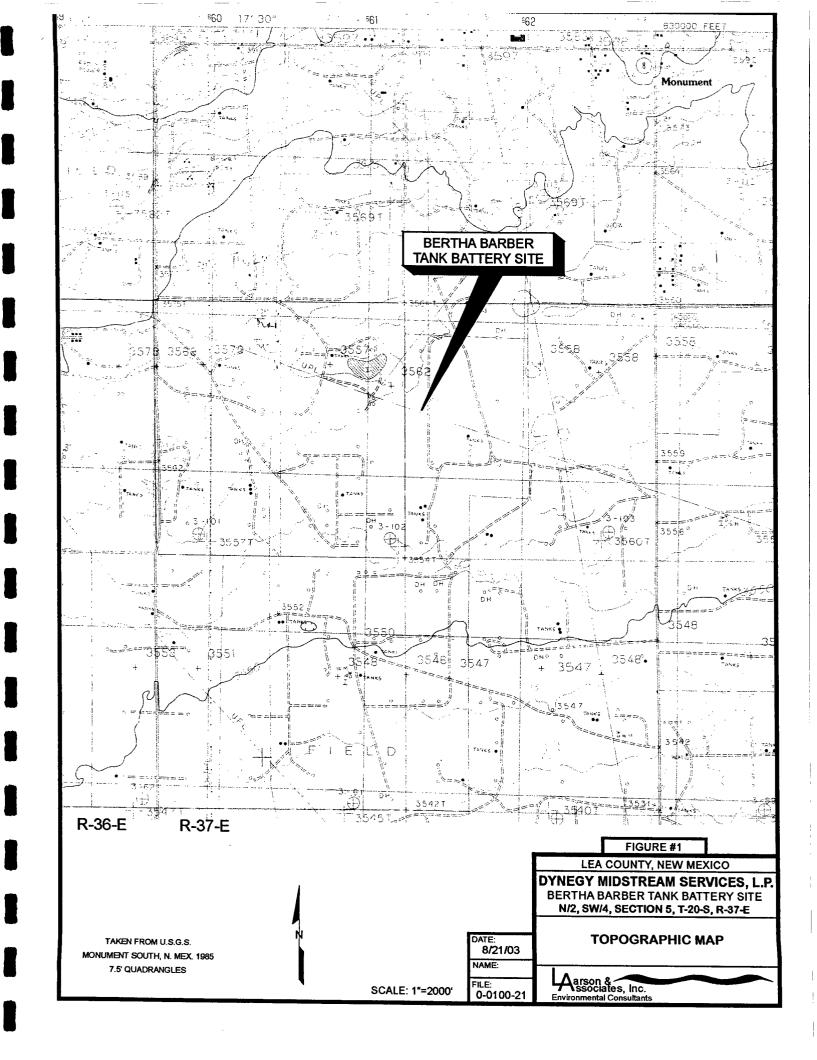
Cindy K. Crain

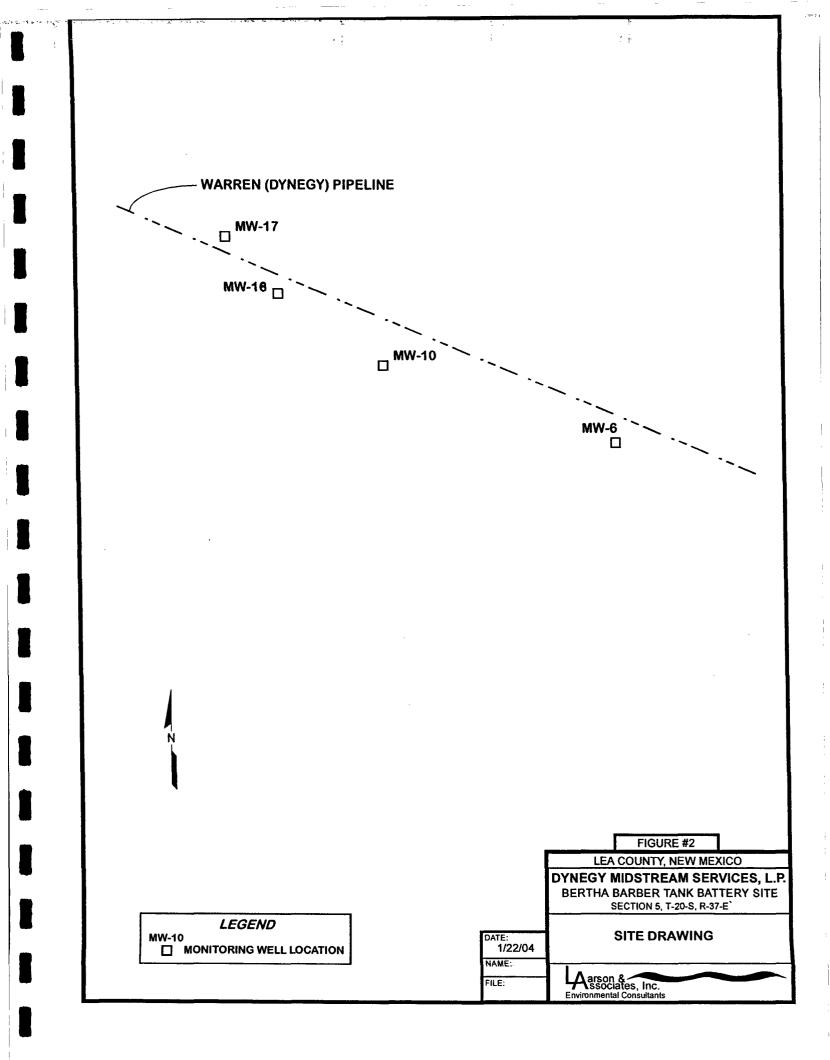
Cindy K. Crain, CPG

Encl.

cc: Cal Wrangham James Lingnau Chris Williams – NMOCD District I







### **APPENDIX A**

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## NEW MEXICO STATE ENGINEER OFFICE MONITORING WELL PLUGGING REPORTS

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507 North Marienfeld, Suite 202 Midland, Texas 79701 Ph. (432) 687-0901 Fax (432) 687-0456

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