Merit Energy Denton SWD #1 Work Plan NW 1/4-NW 1/4 of Section 13 Township 15S, Range 37E Lea County, New Mexico

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Prepared for:

Merit Energy 13727 Noel Road, Suite 500 Dallas, Texas 75240

By:

Safety & Environmental Solutions, Inc. 703 E. Clinton Suite 102 Hobbs, New Mexico 88240 (505) 397-0510

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i. **Company Contacts**

Chad Brister

972-628-1564

chad.brister@meritenergy.com

Bob Allen 505-397-0510 ballen@sesi-nm.com

H. Background

DENIED DANT EMAIL SCAPPIED DOS Safety and Environmental Solutions, Inc. (SESI) was engaged to perform delineation and cleanup services a cement lined overflow pit at the Merit Energy "Denton SWD #1" site. The site is located in the NW (UL-D) corner of Section 13 Township 15S Range 37E, Lea County, New Mexico (see Figure 1). The land is owned by Mr. Darr Angell.

The cement overflow pit has lost its integrity and has allowed hydrocarbon and chloride migration to the sub-strata and to soils extending laterally beyond the perimeter of the pit.

The overflow pit at this active tank battery site has been deactivated and is no longer in use. The vertical extent and nature of contamination was determined with the boring and sampling of three boreholes, which is reported in the Work Plan dated August 16, 2004. Ground water sampling was performed with the installation and sampling of a ground water monitoring well approximately 70-ft down-gradient from the overflow pit, which is reported in the Work Plan dated August 16, 2004.

III. Surface and Ground Water

The ground water monitoring well installed 70-ft SE of the overflow pit was completed to a depth of 70-ft bgs. After development of the well, the water level was measured to be 56.4-ft bgs. TESTED? WHERE RESULTS?

IV Soils

The surface soils in the area are predominantly sand and sandy loam.

Work Performed V.

The pit area was excavated to an average depth of 5 feet. The existing excavation measures 135' X 95'. Approximately 2900 cubic yards of excavated soil were transported to Artesia Aeration for disposal. TABLES OF TEST RESULTS

VI. Closure Plan

SESI proposes to line the existing excavation with a 40-mil poly liner. The liner will be installed in a manner so that the bottom and sidewalls will be covered to encapsulate the backfill on all sides but the top.

- NO (NFO ATTACHED

After the liner installation the excavation will be backfilled with clean soil from off site. A berm will be constructed around the excavation to isolate the excavated pit area from the rest of the facility.

Since this battery continues to be active and contains other past and potential sources of contamination, any residual contamination left in place will be presumed to be unrelate to the pit and will be addressed by the operator of this lease at the time of abandonment.

WHAT DELS THIS MEAN ? 1

No - THERE HAS BEGU

NO DEPIDITIVE LINE OF DEMARCATION ESTABLISHED -NO MENTION OF DELINEATION

VII. Figures

Figure 1 - Vicinity Map Figure 2 - Site Plan

Figure 1 Vicinity Map

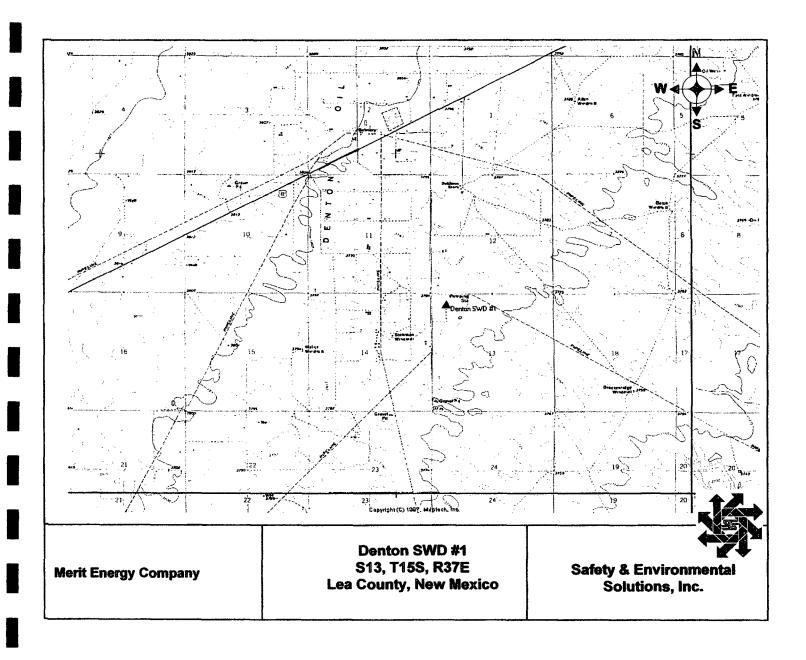


Figure 2 Site Plan

