Oxy USA Myers Langlie Mattix Well 265 Flowline Leak Closure Report Unit N, Section 31, Township 23S, Range 37E Lea County, New Mexico

April 1, 2005

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Prepared for:

Oxy USA 1017 W. Stanolind Road Hobbs, New Mexico 88240

By:

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

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I. Company Contacts

Rick Kerby	Oxy USA	505-393-2174	rick_kerby@oxy.com
Bob Allen	SESI	505-397-0510	ballen@sesi-nm.com

II. Background

Safety & Environmental Solutions, Inc. (SESI) was contracted by Oxy USA to perform assessment and cleanup services on an area identified as the Myers Langlie Mattix Well 265 Flowline Leak. The subject site is a flowline leak area located in Section 31, Township 23S, Range 37E, Lea County, New Mexico.

III. Contaminant and Size of Area

The suspected contaminate was produced water from corrosion in a flowline. Approximately 25 barrels of fluid was released, approximately two (2) barrel of oil and twenty-three (23) barrels of brine. Twenty (20) barrels of fluid were recovered. The suspected contaminant was classified as an exempt oilfield waste. No evidence of other contaminants was observed.

IV. Surface and Ground Water

According to the database provided by the New Mexico State Engineer's Office the nearest groundwater of record is in Section 32 of the same range and township. The depth of water in the well was 106 feet on June 23, 1996.

V. Soils

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

VI. Work Performed

The cleanup level reached by the application of the "**Guidelines for Remediation of Leaks, Spill and Releases**" *New Mexico Oil Conservation Division* – August 13, 1993 to this site is 5000 ppm Total Petroleum Hydrocarbon (TPH). Application of the New Mexico Oil Conservation Division's ranking criteria for contaminated soils at this site is presented below.

Depth to Ground Water:	0 points
Distance to Well Head or Water Source:	0 points
Distance to Surface Water/Waterways:	0 points
Total Score:	0 points

On November 28, 2004 Oxy USA excavated approximately 100 yards of contaminated soil. The contaminated soil was transported to Sundance Services for disposal. A like amount of clean soil was purchased from the landowner and used to backfill the excavation.

On February 8, 2005 SESI drilled four (4) boreholes to a depth of 3'. Grab samples were retrieved at the 3' depth. All samples were sent under Chain of Custody to Cardinal Laboratories. The samples were analyzed for Chlorides (EPA Method 4500-CI⁻B), TPH

(EPA Method 418) and Benzene, Toluene, Ethyl Benzene, and Total Xylenes (BTEX) (EPA Method 8260). The results of the analysis are as follows:

Date	Sample ID	CI.	ТРН	Benzene	Toluene	Ethyl Benzene	Total Xylenes
2/8/05	BH #1 3'	640	<10	<0.005	<0.005	< 0.005	<0.015
2/8/05	BH #2 3'	1120	<10	<0.005	<0.005	<0.005	<0.015
2/8/05	BH #3 3'	880	<10	<0.005	<0.005	<0.005	<0.015
2/8/05	BH #4 3'	800	<10	<0.005	<0.005	<0.005	<0.015

VII. Request for Closure

The Chloride levels are all under 1,000 ppm at the 3' depth with the exception of Borehole #2, which is 1120 ppm.

Due to the proximity of the groundwater SESI requests no further action be required at this site.

VIII. Figures & Appendices

Figure 1 - Vicinity Map Figure 2 - Site Plan Appendix A - C-141 Appendix B - Analytical Results Appendix C - Site Photos

Figure 1 Vicinity Map









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Appendix B Analytical Results



PHONE (325) 673-7001 + 2111 BEECHWOOD + ABILENE TX 78603 PHONE (506) 393-2326 . 101 E. MARLAND . HOBBS, NM 88240

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Sec. Sec. ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS INC. ATTN: BOB ALLEN 703 E. CLINTON, #102 HOBBS NM 88240 FAX TO: (505) 393-4388

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Receiving Date: 02/08/05 Reporting Date: 02/09/05 Project Number: OXY-05-003 Project Name: MYERS LANGLIE MATTIX J 2 46 Project Location: NOT GIVEN . .

Sampling Date: 02/08/05 Sample Type: SOIL --Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC/AH

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H9535-2 BH #2 3'	<10	1120	<0.005	<0.005	<0.005	<0.015	
H9535-3 BH #3 3'	<10	880	<0.005	<0.005	<0.005	<0.015	in di se
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Quality Control	253	960	0.097	0.097	0.095	0.268	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and clerit's exclusive temedy for any claim artising, whither based in contract or tort, shall be limited to the amount paid by client for analyses. All clarge-training more for notificance and any other cause whatsoever shall be doomed waived unters made in writing and acceled by Cardinal within thirty (30) days alter completion of no applicable service. If NO 4999 shall Cardinal be table for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of protas incurred by clean it is subsidiaring, atilitates or successore arising out of or related to the performance of services hareunder by Cardinal, regardless of whether such claim is based upon any of the above-stoted reasons or otherwise.

Appendix C Site Photos



Subject Site facing West



Subject Site Facing East



Release Site