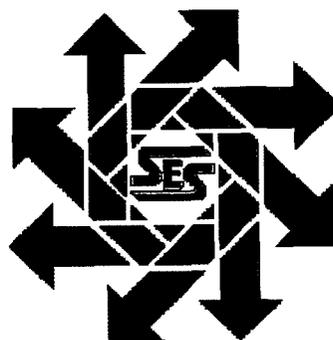


**Chevron North America  
Bluitt Federal 17  
Final Report  
Unit M, Section 17, Township 8S, Range 38E  
Roosevelt County, New Mexico**

**December 29, 2006**

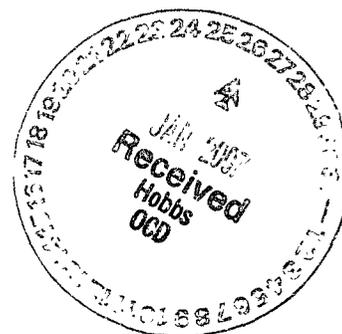


**Prepared for:**

**Chevron North America  
910 S. Texas  
Sundown, Texas 79372**

**By:**

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



**TABLE OF CONTENTS**

**I. COMPANY CONTACTS.....1**

**II. BACKGROUND.....1**

**III. SURFACE AND GROUND WATER.....1**

**IV. SOILS.....1**

**V. WORK PERFORMED.....1**

**VI. FIGURES & APPENDICES.....2**

    Figure 1 – Vicinity Map.....3

    Figure 2 – Site Plan.....4

    Appendix A – C-141 .....5

    Appendix B – Analytical Results .....6

    Appendix C – Site Photos.....7

I. Company Contacts

NAME	Company	Telephone	E-mail
Rodney Bailey	Chevron	432-687-7123	bailerg@chevron.com
Sergio Contreras	SESI	505-397-0510	scontreras@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by Chevron North America to perform cleanup services at the Bluitt Federal 17 Tank Battery. The subject site is an active tank battery. Corrosion in the bottom of one of the tanks caused a release of approximately 232 barrels of produced fluids, of which 115 barrels were recovered. The release affected approximately 11,500 sq. ft. outside of the location.

III. Surface and Ground Water

The closest groundwater of record was listed on the USGS online database. This well was located in Section 7 of the same range and township. The depth of water in this well was 140' in 2005.

IV. Soils

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

V. Work Performed

Based on the characterization of the site, the cleanup level reached by the application of the "**Guidelines for Remediation of Leaks, Spills and Releases**" *New Mexico Oil Conservation Division* – August 13, 1993 (Guidelines) to this site is 5000 ppm Total Petroleum Hydrocarbons (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
<u>Total Score:</u>	<u>0 points</u>

On December 6, 2006, SESI was onsite to perform cleanup of the tank battery area. The affected area was excavated vertically and horizontally for the removal of highly contaminated/saturated soils. The excavation measured approximately 200' X 100'. The average depth of the excavation was 3' with the exception of the center, which was excavated to a depth of 4'. Approximately 1,200 cubic yards of contaminated soil were transported to Goo-Yea Disposal (Diamondback Disposal), an NMOCD approved facility.

Grab samples were retrieved from the sides and bottom of the excavation. These samples were properly preserved and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico for analysis.

The samples were analyzed for TPH (EPA Method 8015), Benzene, Toluene, Ethyl Benzene, Total Xylenes (BTEX) and Chlorides (Standard Method 4500-CLB). The results of the analysis were as follows:

SAMPLES  
② 3'

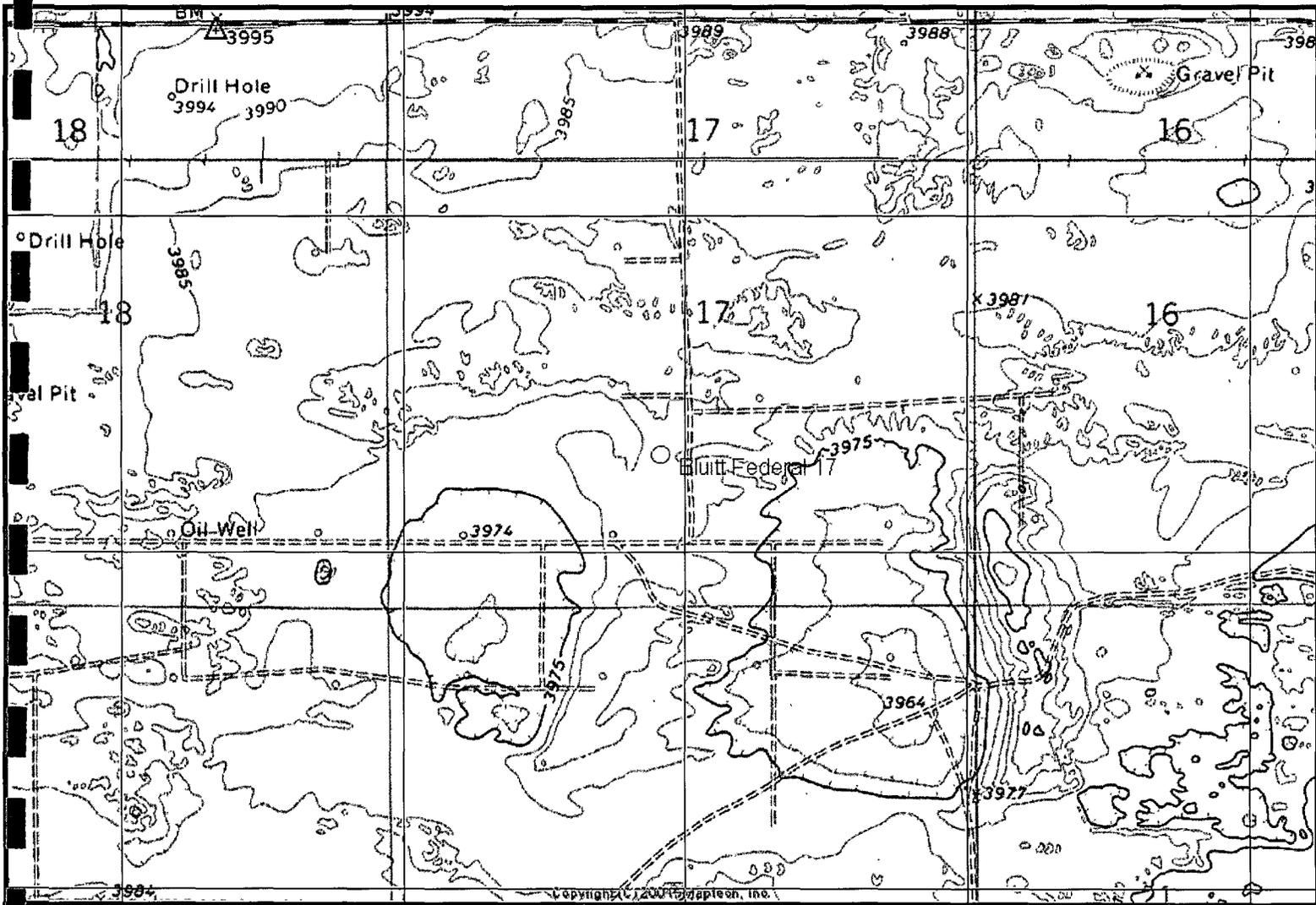
Sample Point	TPH (Mg/Kg)	GRO (Mg/Kg)	DRO (Mg/Kg)	Benzene (Mg/Kg)	Toluene (Mg/Kg)	Ethyl Benzene (Mg/Kg)	Total Xylenes (Mg/Kg)	CL <sup>-</sup> (Mg/Kg)
1	<40	<10	<10	<0.005	<0.005	<0.005	<0.010	<10
2	8340	440	7900	<0.50	4.4	2.2	8.9	<10
3	96	12	84	<0.005	<0.005	<0.005	<0.010	<10
4	131	21	110	<0.005	<0.005	<0.005	<0.010	<10
5	<40	<10	<10	<0.005	<0.005	<0.005	<0.010	<10
6	<40	<10	<10	<0.005	<0.005	<0.005	<0.010	<10
7	960	140	820	<0.50	1.8	4.9	5.0	<10
BG	<40	<10	<10	<0.005	<0.005	<0.005	<0.010	<10

As per verbal approval from Larry Johnson with NMOCD on December 18, 2006, the excavated area was backfilled with approximately 1,008 cubic yards of clean soil from offsite. The area was then returned to natural grade and will be reseeded in the spring.

**VI. 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**



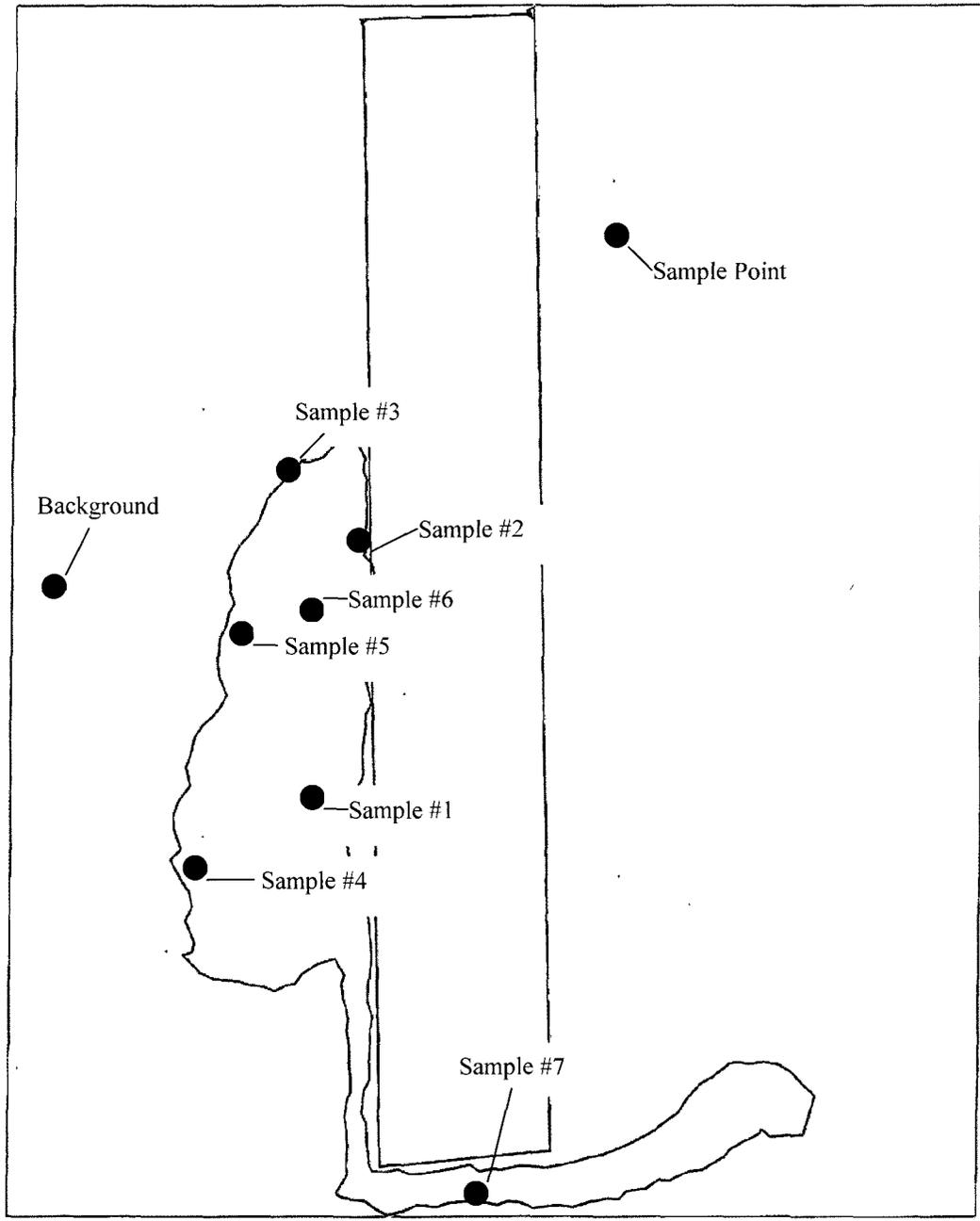
**Chevron North America**

**Unit M, Section 17,  
Township 8S, Range 38E  
Roosevelt County,  
New Mexico**

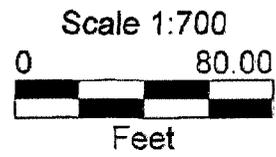
**Safety & Environmental  
Solutions, Inc.**



**Figure 2  
Site Plan**



Lat/Long  
WGS 1984



site plan.ssf  
10/23/2006  
GPS Pathfinder<sup>®</sup> Office  
 **Trimble**<sup>™</sup>

**Appendix A**  
**C-141**

District I  
625 N French Dr., Hobbs, NM 88240  
District II  
301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company	Chevron Midcontinent, L.P	Contact	David Sinclair
Address	910 S Texas, Sundown Texas 79372	Telephone No.	806-229-2961
Facility Name	Bluitt Federal 17 OCD RP #1103	Facility Type	Battery

Surface Owner	Private	Mineral Owner	Federal	Lease No.	
---------------	---------	---------------	---------	-----------	--

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	17	T8S	38E					Roosevelt

Latitude 33°37.052 Longitude 103°04.294

Depth of water is 140'

**NATURE OF RELEASE**

Type of Release	Produced Fluids	Volume of Release	232 bbls	Volume Recovered	115 bbls
Source of Release	Corrosion	Date and Hour of Occurrence	10/16/06 3:00 PM	Date and Hour of Discovery	10/16/06 3:00 PM
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Gary Wink NMOCD & JR Hogwood BLM			
By Whom?	David Sinclair	Date and Hour 10/16/06 6:40 PM			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Corrosion on Bottom of Tank. Tank taken out of service

Describe Area Affected and Cleanup Action Taken \*  
11, 500 sq ft. was affected outside of the location. A vacuum truck was called to remove standing fluids. SESI was contacted for assessment.  
Work plan will be submitted

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Sergio Contreras			
Title: Consultant	Approved by District Supervisor:	Approval Date:	Expiration Date:
E-mail Address: office@sesi-nm.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10/24/06	Phone: 505-397-0510		



# **Appendix B**

## **Analytical Results**



Safety & Environmental Solutions, Inc 703 E Clinton Ave Hobbs, NM 88240	Project Number CHE-06-001 Project Name Chevron Blunt Fed #17 Project Manager Bob Allen	Work Order No A612010
---	--	--------------------------

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
# 1	A612010-01	Soil	12/12/06 11 30	12/13/06 14 15
# 2	A612010-02	Soil	12/12/06 12 00	12/13/06 14 15
# 3	A612010-03	Soil	12/12/06 12 05	12/13/06 14 15
# 4	A612010-04	Soil	12/13/06 09 15	12/13/06 14 15
# 5	A612010-05	Soil	12/13/06 09 30	12/13/06 14 15
# 6	A612010-06	Soil	12/13/06 09 45	12/13/06 14 15
# 7	A612010-07	Soil	12/13/06 10 00	12/13/06 14 15
Background	A612010-08	Soil	12/13/06 11 30	12/13/06 14 15

Approved By  
Argon Laboratories, Inc

QC Officer



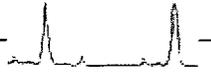
Safety & Environmental Solutions, Inc 703 E Clinton Ave Hobbs, NM 88240	Project Number CHE-06-001 Project Name Chevron Bluit Fed #17 Project Manager Bob Allen	Work Order No A612010
---	--	--------------------------

**Anions by Ion Chromatography - EPA Method 300.0**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b># 1 (A612010-01) Soil Sampled: 12/12/06 11:30 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b># 2 (A612010-02) Soil Sampled: 12/12/06 12:00 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b># 3 (A612010-03) Soil Sampled: 12/12/06 12:05 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b># 4 (A612010-04) Soil Sampled: 12/13/06 09:15 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b># 5 (A612010-05) Soil Sampled: 12/13/06 09:30 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b># 6 (A612010-06) Soil Sampled: 12/13/06 09:45 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b># 7 (A612010-07) Soil Sampled: 12/13/06 10:00 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	
<b>Background (A612010-08) Soil Sampled: 12/13/06 11:30 Received: 12/13/06 14:15</b>							
Chloride	ND	10	mg/kg	1	12/17/06	EPA 300.0	

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc 703 E Clinton Ave Hobbs, NM 88240	Project Number CHE-06-001 Project Name Chevron Bluff Fed #17 Project Manager Bob Allen	Work Order No A612010
---	--	--------------------------

**BTEX EPA Method 8021B**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
<b># 1 (A612010-01) Soil Sampled: 12/12/06 11:30 Received: 12/13/06 14:15</b>							
Benzene	ND	0.005	mg/kg	1	12/17/06	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec		101 %			"	"	
<b># 2 (A612010-02) Soil Sampled: 12/12/06 12:00 Received: 12/13/06 14:15</b>							
Benzene	ND	0.50	mg/kg	100	12/17/06	8021B	
<b>Toluene</b>	<b>4.4</b>	0.50	"	"	"	"	
<b>Ethylbenzene</b>	<b>2.2</b>	0.50	"	"	"	"	
<b>Xylenes (total)</b>	<b>8.9</b>	1.0	"	"	"	"	
Surr Rec		117 %			"	"	
<b># 3 (A612010-03) Soil Sampled: 12/12/06 12:05 Received: 12/13/06 14:15</b>							
Benzene	ND	0.005	mg/kg	1	12/17/06	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec		102 %			"	"	
<b># 4 (A612010-04) Soil Sampled: 12/13/06 09:15 Received: 12/13/06 14:15</b>							
Benzene	ND	0.005	mg/kg	1	12/17/06	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec		91 %			"	"	

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc  
703 E Clinton Ave  
Hobbs, NM 88240

Project Number CHE-06-001  
Project Name Chevron Blunt Fed #17  
Project Manager Bob Allen

Work Order No  
A612010

**BTEX EPA Method 8021B**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	----------	--------	-------

**# 5 (A612010-05) Soil Sampled: 12/13/06 09:30 Received: 12/13/06 14:15**

Benzene	ND	0.005	mg/kg	1	12/17/06	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec		93 %			"	"	

**# 6 (A612010-06) Soil Sampled: 12/13/06 09:45 Received: 12/13/06 14:15**

Benzene	ND	0.005	mg/kg	1	12/17/06	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec.		115 %			"	"	

**# 7 (A612010-07) Soil Sampled: 12/13/06 10:00 Received: 12/13/06 14:15**

D-1

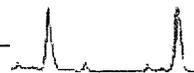
Benzene	ND	0.50	mg/kg	100	12/17/06	8021B	
Toluene	1.8	0.50	"	"	"	"	
Ethylbenzene	4.9	0.50	"	"	"	"	
Xylenes (total)	5.0	1.0	"	"	"	"	
Surr Rec		115 %			"	"	

**Background (A612010-08) Soil Sampled: 12/13/06 11:30 Received: 12/13/06 14:15**

Benzene	ND	0.005	mg/kg	1	12/17/06	8021B	
Toluene	ND	0.005	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	
Surr Rec		123 %			"	"	

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc	Project Number CHE-06-001	Work Order No
703 E Clinton Ave	Project Name Chevron Bluff Fed #17	A612010
Hobbs, NM 88240	Project Manager Bob Allen	

**Total Petroleum Hydrocarbons EPA Method 8015M**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	----------	--------	-------

**# 1 (A612010-01) Soil Sampled: 12/12/06 11:30 Received: 12/13/06 14:15**

Gasoline Range Organics	ND	10	mg/kg	1	12/16/06	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	40	"	"	"	"	
Surr Rec		116 %			"	"	

**# 2 (A612010-02) Soil Sampled: 12/12/06 12:00 Received: 12/13/06 14:15**

**D-1**

Gasoline Range Organics	440	200	mg/kg	20	12/16/06	EPA 8015M	
Diesel Range Organics	7900	200	"	"	"	"	
C29 - C35 Range Organics	ND	400	"	"	"	"	
Total Petroleum Hydrocarbons	8340	800	"	"	"	"	
Surr. Rec		94 %			"	"	

**# 3 (A612010-03) Soil Sampled: 12/12/06 12:05 Received: 12/13/06 14:15**

Gasoline Range Organics	12	10	mg/kg	1	12/16/06	EPA 8015M	
Diesel Range Organics	84	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	96	40	"	"	"	"	
Surr Rec		110 %			"	"	

**# 4 (A612010-04) Soil Sampled: 12/13/06 09:15 Received: 12/13/06 14:15**

Gasoline Range Organics	21	10	mg/kg	1	12/16/06	EPA 8015M	
Diesel Range Organics	110	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	131	40	"	"	"	"	
Surr Rec		107 %			"	"	

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc 703 E Clinton Ave Hobbs, NM 88240	Project Number CHE-06-001 Project Name Chevron Blunt Fed #17 Project Manager Bob Allen	Work Order No A612010
---	--	--------------------------

**Total Petroleum Hydrocarbons EPA Method 8015M**

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	----------	--------	-------

**# 5 (A612010-05) Soil Sampled: 12/13/06 09:30 Received: 12/13/06 14:15**

Gasoline Range Organics	ND	10	mg/kg	1	12/16/06	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	40	"	"	"	"	
Surr Rec		106 %			"	"	

**# 6 (A612010-06) Soil Sampled: 12/13/06 09:45 Received: 12/13/06 14:15**

Gasoline Range Organics	ND	10	mg/kg	1	12/16/06	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	40	"	"	"	"	
Surr Rec		107 %			"	"	

**# 7 (A612010-07) Soil Sampled: 12/13/06 10:00 Received: 12/13/06 14:15**

**D-1**

Gasoline Range Organics	140	100	mg/kg	10	12/16/06	EPA 8015M	
Diesel Range Organics	820	100	"	"	"	"	
C29 - C35 Range Organics	ND	200	"	"	"	"	
Total Petroleum Hydrocarbons	960	400	"	"	"	"	
Surr Rec		112 %			"	"	

**Background (A612010-08) Soil Sampled: 12/13/06 11:30 Received: 12/13/06 14:15**

Gasoline Range Organics	ND	10	mg/kg	1	12/16/06	EPA 8015M	
Diesel Range Organics	ND	10	"	"	"	"	
C29 - C35 Range Organics	ND	20	"	"	"	"	
Total Petroleum Hydrocarbons	ND	40	"	"	"	"	
Surr Rec		101 %			"	"	

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc.  
703 E Clinton Ave  
Hobbs, NM 88240

Project Number CHE-06-001  
Project Name Chevron Blutt Fed #17  
Project Manager: Bob Allen

Work Order No  
A612010

**Anions by Ion Chromatography - EPA Method 300.0 - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AP00029 - General Prep**

**Blank (AP00029-BLK1)**

Prepared & Analyzed 12/17/06

Chloride ND 10 mg/kg

**LCS (AP00029-BS1)**

Prepared & Analyzed 12/17/06

Chloride 4.75 mg/kg 5.00 95 70-130 20

**LCS Dup (AP00029-BSD1)**

Prepared & Analyzed 12/17/06

Chloride 4.91 mg/kg 5.00 98 70-130 3 20

**Matrix Spike (AP00029-MS1)**

Prepared & Analyzed 12/17/06

Chloride 4.66 mg/kg 5.00 ND 93 70-130 20

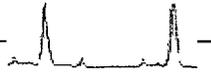
**Matrix Spike Dup (AP00029-MSD1)**

Prepared & Analyzed 12/17/06

Chloride 4.54 mg/kg 5.00 ND 91 70-130 3 20

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc 703 E Clinton Ave Hobbs, NM 88240	Project Number CHE-06-001 Project Name Chevron Bluff Fed #17 Project Manager Bob Allen	Work Order No A612010
---	--	--------------------------

**BTEX EPA Method 8021B - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AP00030 - EPA 5030B**

Blank (AP00030-BLK1) Prepared & Analyzed 12/17/06										
<i>Surrogate a,a,a-Trifluorotoluene</i>	0.0520		mg/kg	0.0500		104	70-130			
Benzene	ND	0.005	"							
Toluene	ND	0.005	"							
Ethylbenzene	ND	0.005	"							
Xylenes (total)	ND	0.010	"							

LCS (AP00030-BS1) Prepared & Analyzed 12/17/06										
Toluene	0.048	0.005	mg/kg	0.0500		96	80-120		20	

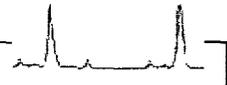
LCS Dup (AP00030-BSD1) Prepared & Analyzed 12/17/06										
Toluene	0.044	0.005	mg/kg	0.0500		88	80-120	9	20	

Matrix Spike (AP00030-MS1) Prepared & Analyzed 12/17/06										
Ethylbenzene	0.047	0.005	mg/kg	0.0500	ND	94	70-130		20	

Matrix Spike Dup (AP00030-MSD1) Prepared & Analyzed 12/17/06										
Ethylbenzene	0.043	0.005	mg/kg	0.0500	ND	86	70-130	9	20	

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc 703 E Clinton Ave Hobbs, NM 88240	Project Number CHE-06-001 Project Name Chevron Bluff Fed #17 Project Manager Bob Allen	Work Order No A612010
---	--	--------------------------

**Total Petroleum Hydrocarbons EPA Method 8015M - Quality Control**

**Argon Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AP00032 - EPA 3550B**

**Blank (AP00032-BLK1)**

Prepared & Analyzed 12/16/06

Surrogate <i>p</i> -Terphenyl	0 105		mg/kg	0 100		105	70-130			
Gasoline Range Organics	ND	10	"							
Diesel Range Organics	ND	10	"							
C29 - C35 Range Organics	ND	20	"							
Total Petroleum Hydrocarbons	ND	40	"							

**Duplicate (AP00032-DUP1)**

Prepared & Analyzed 12/16/06

Total Petroleum Hydrocarbons	920	40	mg/kg		960			4	200	
------------------------------	-----	----	-------	--	-----	--	--	---	-----	--

**Matrix Spike (AP00032-MS1)**

Prepared & Analyzed 12/16/06

Total Petroleum Hydrocarbons	86 0		mg/kg	100	ND	86	70-130		20	
------------------------------	------	--	-------	-----	----	----	--------	--	----	--

**Matrix Spike Dup (AP00032-MSD1)**

Prepared & Analyzed 12/16/06

Total Petroleum Hydrocarbons	83.0		mg/kg	100	ND	83	70-130	4	20	
------------------------------	------	--	-------	-----	----	----	--------	---	----	--

Approved By  
Argon Laboratories, Inc

QC Officer



Safety & Environmental Solutions, Inc  
703 E Clinton Ave  
Hobbs, NM 88240

Project Number CHE-06-001  
Project Name Chevron Blunt Fed #17  
Project Manager Bob Allen

Work Order No  
A612010

**Notes and Definitions**

- D-1 Sample diluted due to high concentration of target analytes and/or high organic content
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

---

Approved By  
Argon Laboratories, Inc

---

QC Officer

A612010

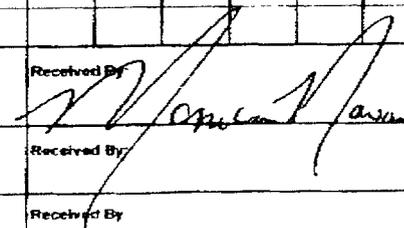
ARGON ANALYTICAL SERVICES, INC.  
CHAIN OF CUSTODY

P.01  
15053970296  
DEC-14-2006 05:02 AM ARGON

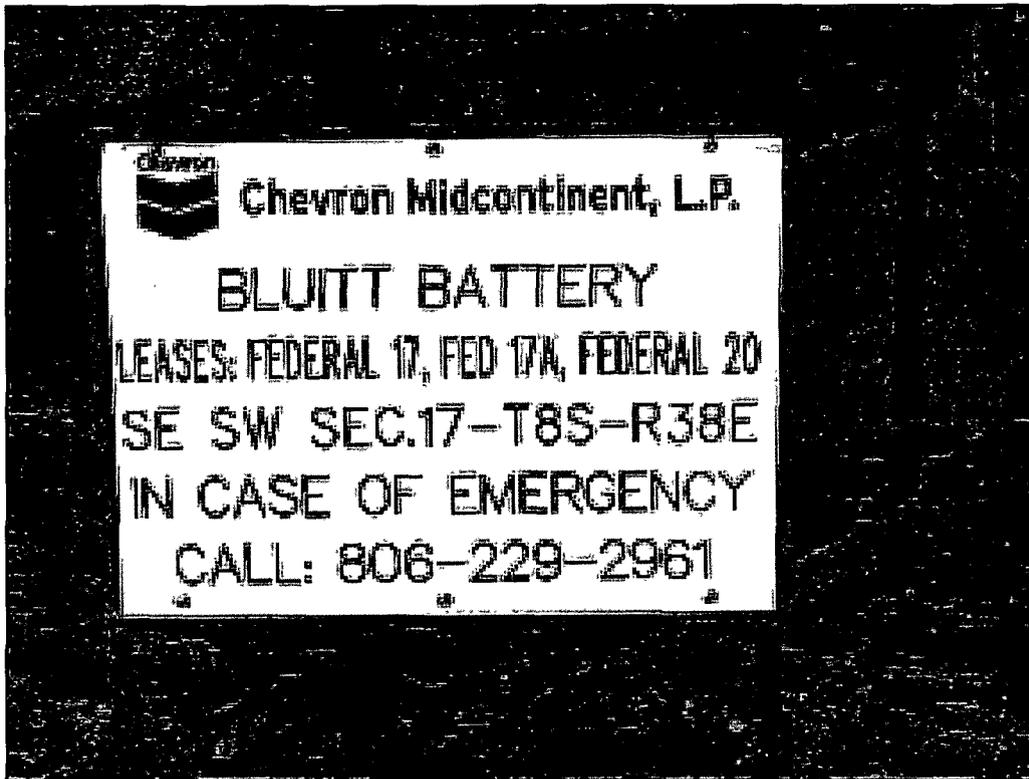
<b>Project Information:</b>		<b>Report To:</b>		<b>Samples Submitted To:</b>	
Project No: <i>CHG-06-001</i>		Consultant: Safety & Environmental Solutions Inc		Laboratory: Argon Labs	
Project Title: <i>Chevron Bluff Fed #17</i>		Address: 703 E Clinton Suite 102		Address: 2126 W Marland Ave	
Location: <i>East Milensard, NM</i>		Hobbs, NM 88240		Hobbs, NM 88240	
Sampler's Name: <i>Isaac Kniga</i>		Contact:		Contact:	
(print)		Phone: (505)397-0510		Phone: (505) 397-0295	
Sampler's Signature: 		Fax: (505)393-4388		Fax: (505) 397-0296	
		Bill To:		Date Results Required:	
		Client: Same as Above		Date Report Required:	
		Address:			

<b>TURN AROUND TIME</b>					<b>ANALYSIS</b>									
RUSH	24 Hour	48 Hour	Standard	Same Day	418.1	BTEX	TDS	Chloride	Sulfate	TPH 80/15				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										

Sample ID	Date	Time	# Containers	Matrix	418.1	BTEX	TDS	Chloride	Sulfate	TPH 80/15				
#1	12/12/06	1130	1	Soil		✓		✓		✓				- 01
#2	12/12/06	1200	1	Soil		✓		✓		✓				- 02
#3	12/12/06	1205	1	Soil		✓		✓		✓				- 03
#4	12/13/06	0915	1	Soil		✓		✓		✓				- 04
#5	12/13/06	0930	1	Soil		✓		✓		✓				- 05
#6	12/13/06	0945	1	Soil		✓		✓		✓				- 06
#7	12/13/06	1000	1	Soil		✓		✓		✓				- 07
Background	12/13/06	1130	1	Soil		✓		✓		✓				- 08

Relinquished By: 	Date: 12/13/06	Time: 1415	Received By: 	Date: 12-13-06	Time: 14.15	Special Instructions:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

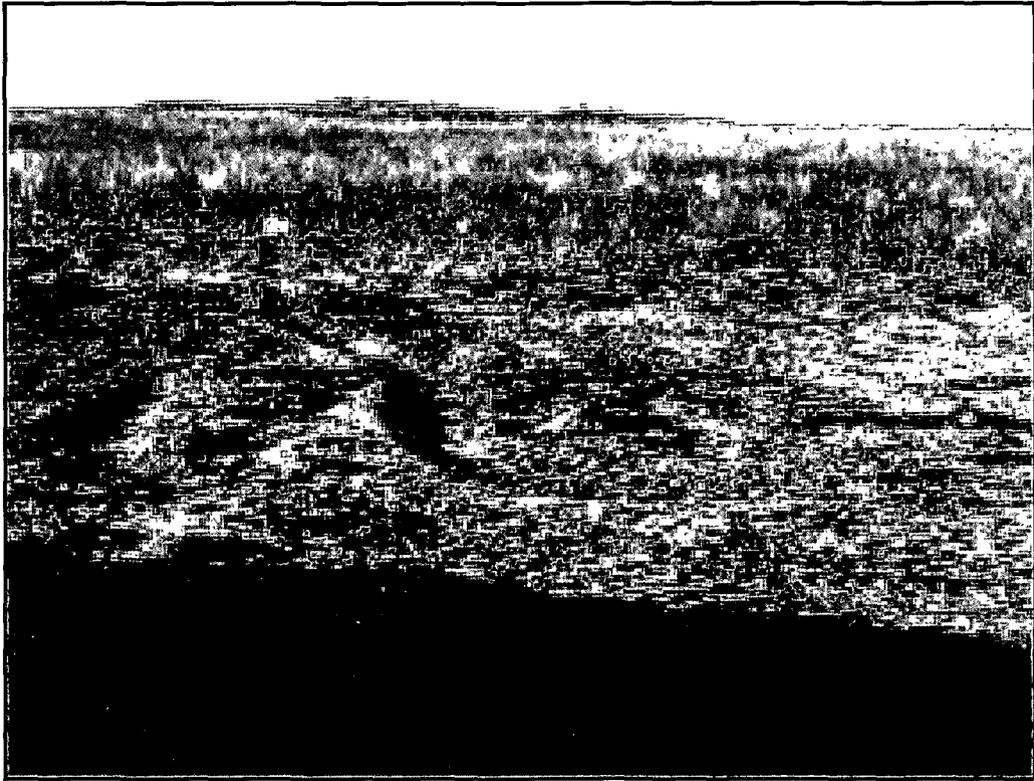
**Appendix C**  
**Site Photos**



Well Sign



South of battery facing North



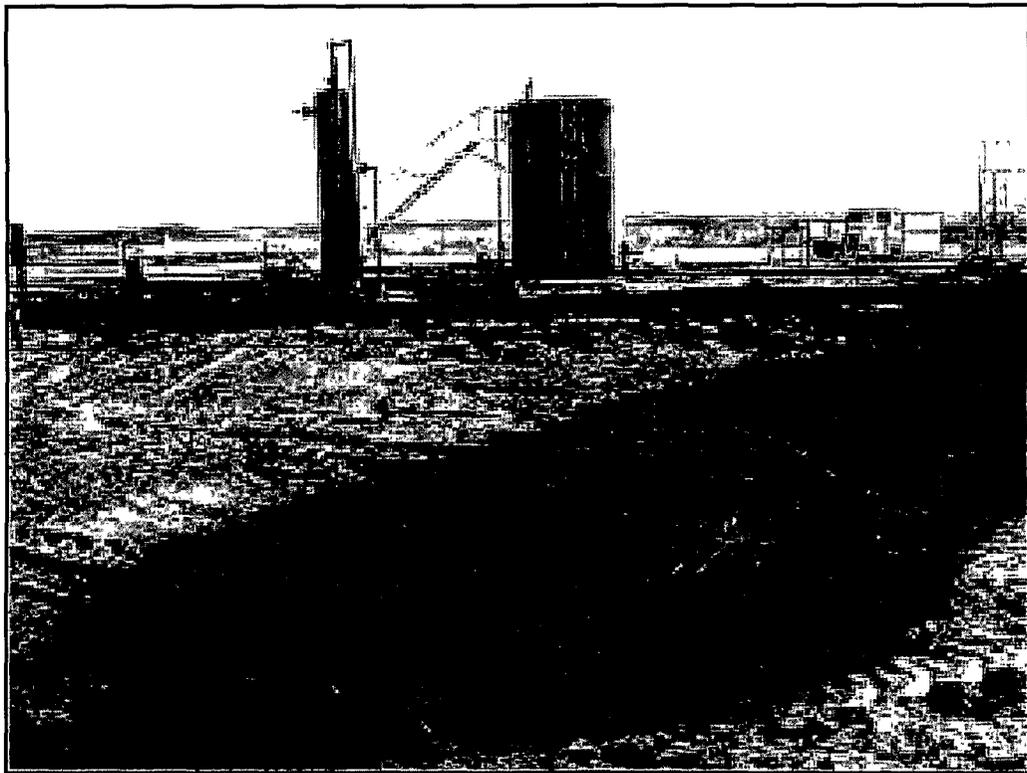
Southwest of battery



Middle of leak West of battery



West of battery facing North



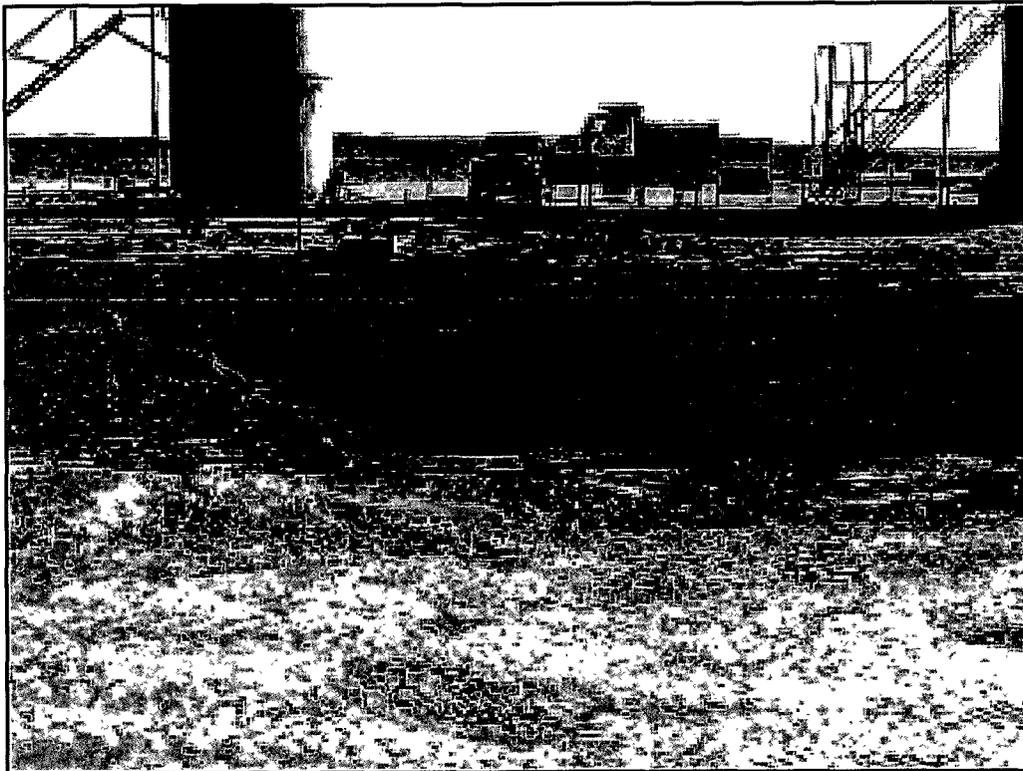
West of battery facing east



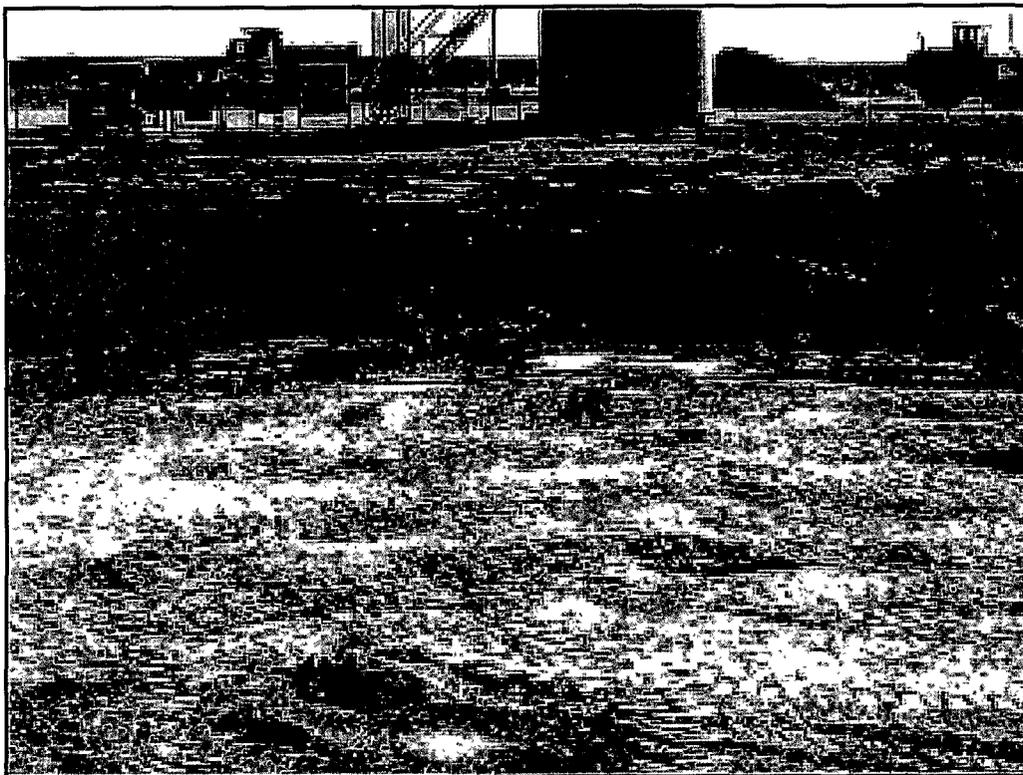
West of battery facing east



Excavated area sample point #2



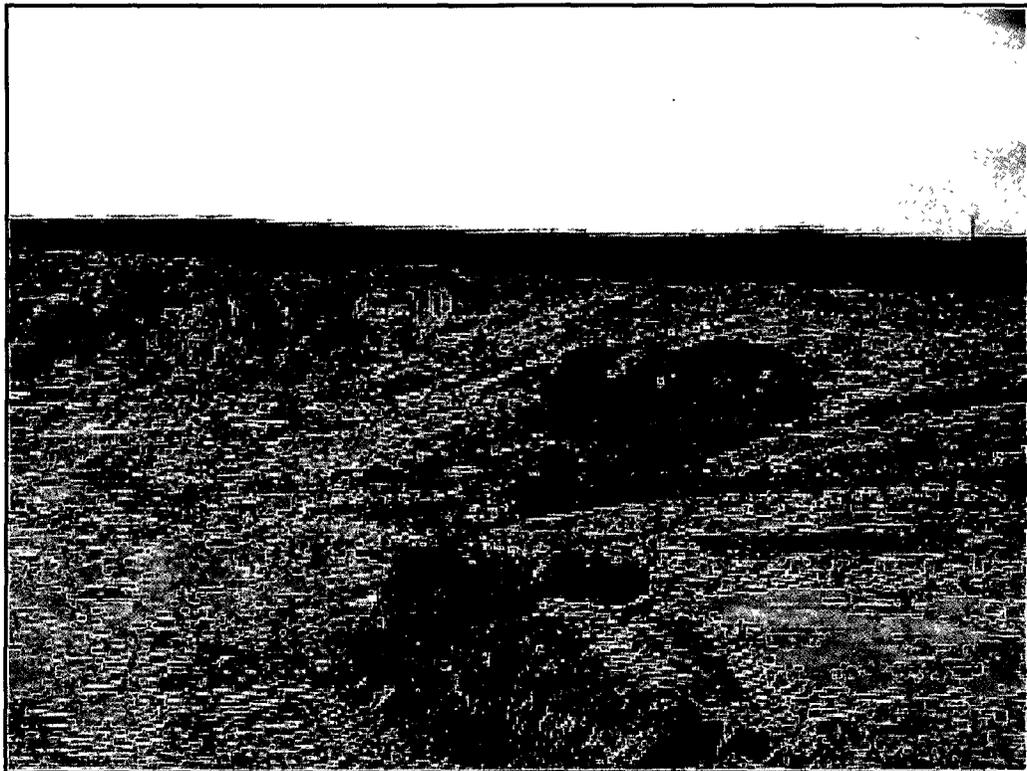
Excavated area sample point #6



Excavated area sample point #5



Background sample facing east



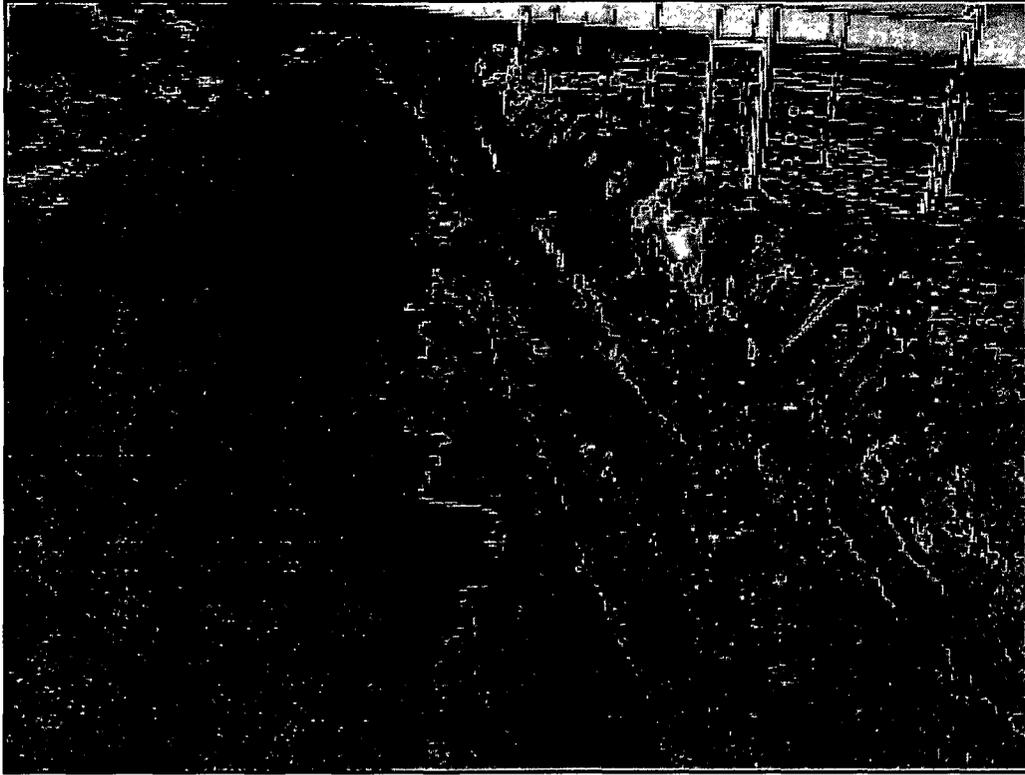
Excavated area sample point #4



Excavated area west of battery facing South



Excavated area sample point #1



Excavated area sample point #7



Northwest of battery backfilled



Sample point #7 backfilled



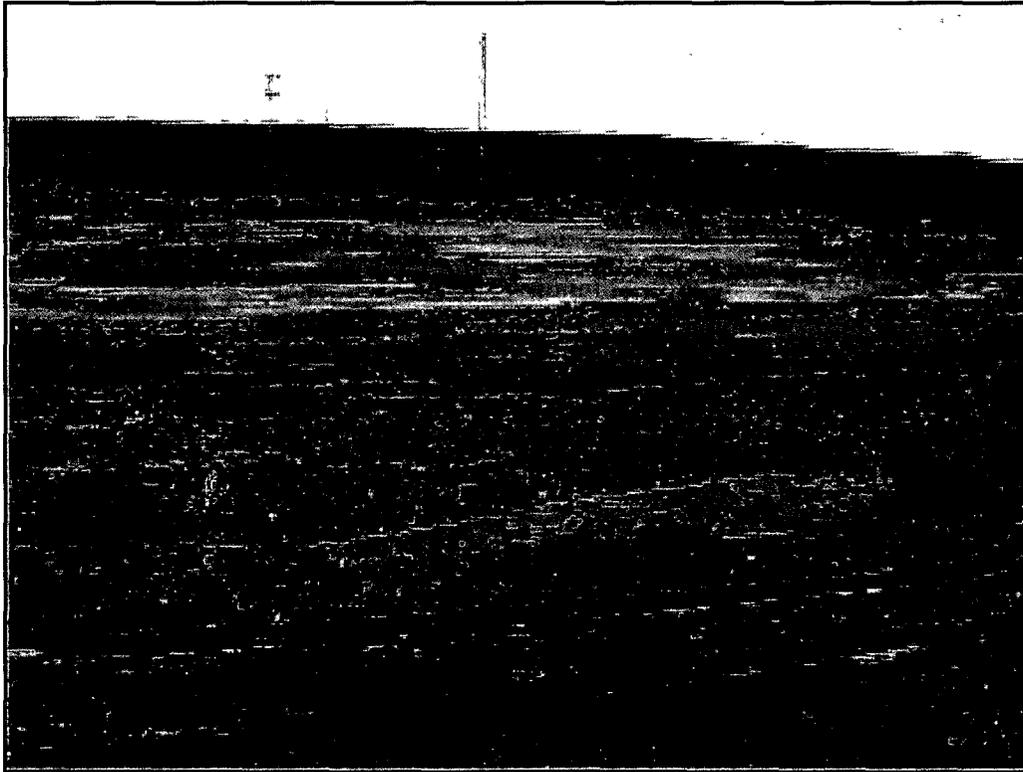
South of battery backfilled facing south



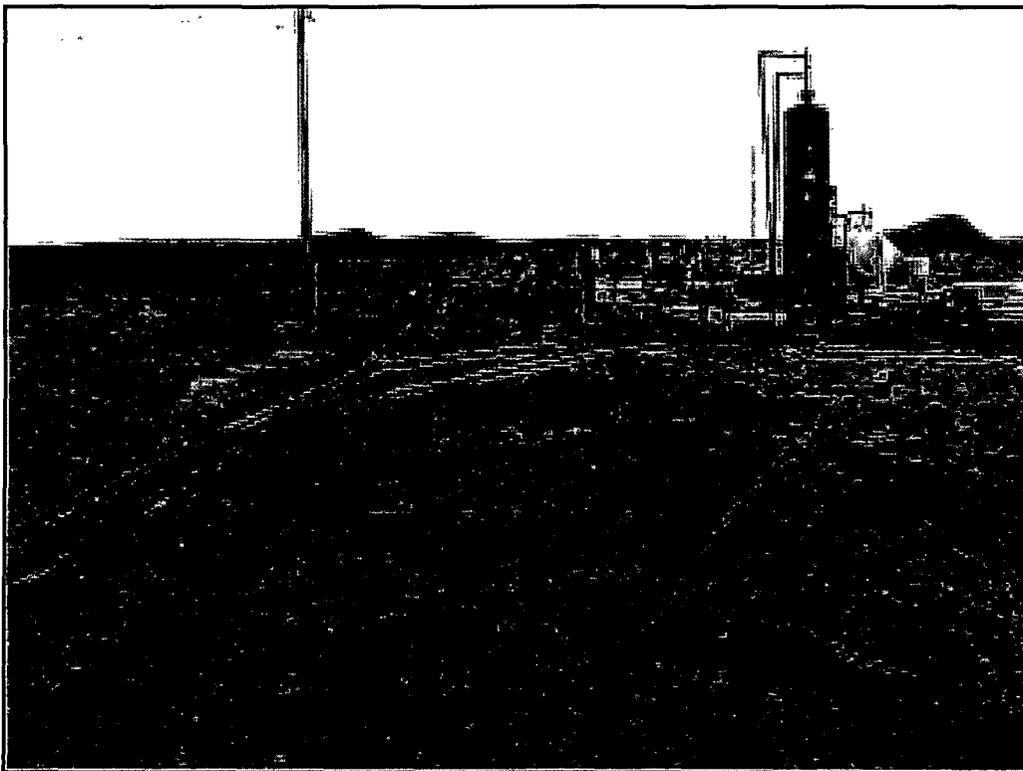
Northwest of battery backfilled



Southwest of battery backfilled



West of batter backfilled facing west



West of battery backfilled facing North

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company	Chevron Midcontinent, L.P.	Contact	David Sinclair
Address	910 S Texas, Sundown Texas 79372	Telephone No.	806-229-2961
Facility Name	Bluitt Federal 17 OCD RP #1103	Facility Type	Battery

Surface Owner	Private	Mineral Owner	Federal	Lease No.	
---------------	---------	---------------	---------	-----------	--

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	17	T8S	38E					Roosevelt

Latitude 33°37.052 Longitude 103°04.294

Depth of water is 140'

**NATURE OF RELEASE**

Type of Release	Produced Fluids	Volume of Release	232 bbls	Volume Recovered	115 bbls
Source of Release	Corrosion	Date and Hour of Occurrence	10/16/06 3:00 PM	Date and Hour of Discovery	10/16/06 3:00 PM
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Gary Wink NMOCD & JR Hogwood BLM		
By Whom?	David Sinclair	Date and Hour	10/16/06 6:40 PM		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Corrosion on Bottom of Tank. Tank taken out of service

Describe Area Affected and Cleanup Action Taken.\*  
The affected area was excavated vertically and horizontally for the removal of highly contaminated/saturated soils. The excavation measured approximately 200' X 100'. The average depth of the excavation was 3' with the exception of the center, which was excavated to a depth of 4'. Approximately 1,200 cubic yards of contaminated soil were transported to Goo-Yea Disposal (Diamondback Disposal), an NMOCD approved facility. The excavation was backfilled with clean soils from offsite.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

**OIL CONSERVATION DIVISION**

Signature:		Approved by District Supervisor:	
Printed Name:	Sergio Contreras	Approval Date:	7.3.07
Title:	Consultant	Expiration Date:	—
E-mail Address:	office@sesi-nm.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date:	12-29-06	Phone:	505-397-0510