



# AE Order Number Banner

## Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



**App Number:** pKL1623048080

1RP - ~~9E-06~~ 9112347

HESS CORPORATION



# **HESS CORPORATION**

**STATE OF LACT  
LEA COUNTY, NEW MEXICO**

## **SITE CLOSURE REPORT**

PREPARED BY:

**BBC INTERNATIONAL, INC.**  
WORLD-WIDE ENVIRONMENTAL SPECIALISTS  
1324 W. MARLAND BLVD.  
P. O. BOX 805  
HOBBS, NEW MEXICO 88240  
(505)397-6388 • FAX (505)397-0397  
EMAIL: [bbc@bbcinternational.com](mailto:bbc@bbcinternational.com)  
WEBSITE: [www.bbcinternational.com](http://www.bbcinternational.com)

**December 7, 2009**

PREPARED FOR:

**JAY BAKER  
HESS CORPORATION  
P.O. BOX 840  
SEMINOLE, TX 79360**

# Hess Corporation

## State Oil

### 1.0 INTRODUCTION

The subject site is north of Monument, New Mexico in Lea County in Section 29, Township 19 South, and Range 37 East. The site is an abandoned tank battery. Hess Corporation (Hess) has a generic remediation plan approved by the New Mexico Oil Conservation Division (NMOCD).

### 2.0 SITE CHARACTERIZATION

The area of the site measures approximately 30,160 square feet. There is no water source within 1,000 horizontal feet of the site. There is no surface water within 1,000 horizontal feet of the site. Based on data from the Office of the State Engineer, average depth to groundwater is less than 50 feet. Bedrock in the Monument area is very shallow and it is approximately one foot below the surface of the topsoil.

### 3.0 SITE ACTIVITIES

Hess retained Sweatt Construction (Sweatt) to excavate the site and haul contaminated soil to a landfarm approved by NMOCD. BBC International, Inc. (BBC) was also retained by Hess to provide site management and collect soil samples for laboratory analysis.

Excavation began on January 19, 2009. On January 23, 2009, BBC personnel collected twelve (12) closing samples from the excavation at depths of 3 and 8.5 feet below ground surface (bgs) and wall samples. The samples were tested for total petroleum hydrocarbons (TPH) – gasoline range organics (GRO)/diesel range organics (DRO), chloride, and benzene-toluene-ethylbenzene-xylene (BTEX). All site diagrams including sample points can be found in **Appendix I**, laboratory analyticals can be found in **Appendix II**, site photographs can be viewed in **Appendix III**, and the initial and final C-141s can be found in **Appendix IV**.

Site excavation was completed on January 23, 2009 and 6,576 yards of contaminated material was hauled to a landfarm. Backfill approval was granted on February 2, 2009 by the NMOCD. Backfilling and contouring was completed with a total of 5,040 yards of clean soil on February 13, 2009. The site was reseeded on July 27, 2009.

### 4.0 CONCLUSION

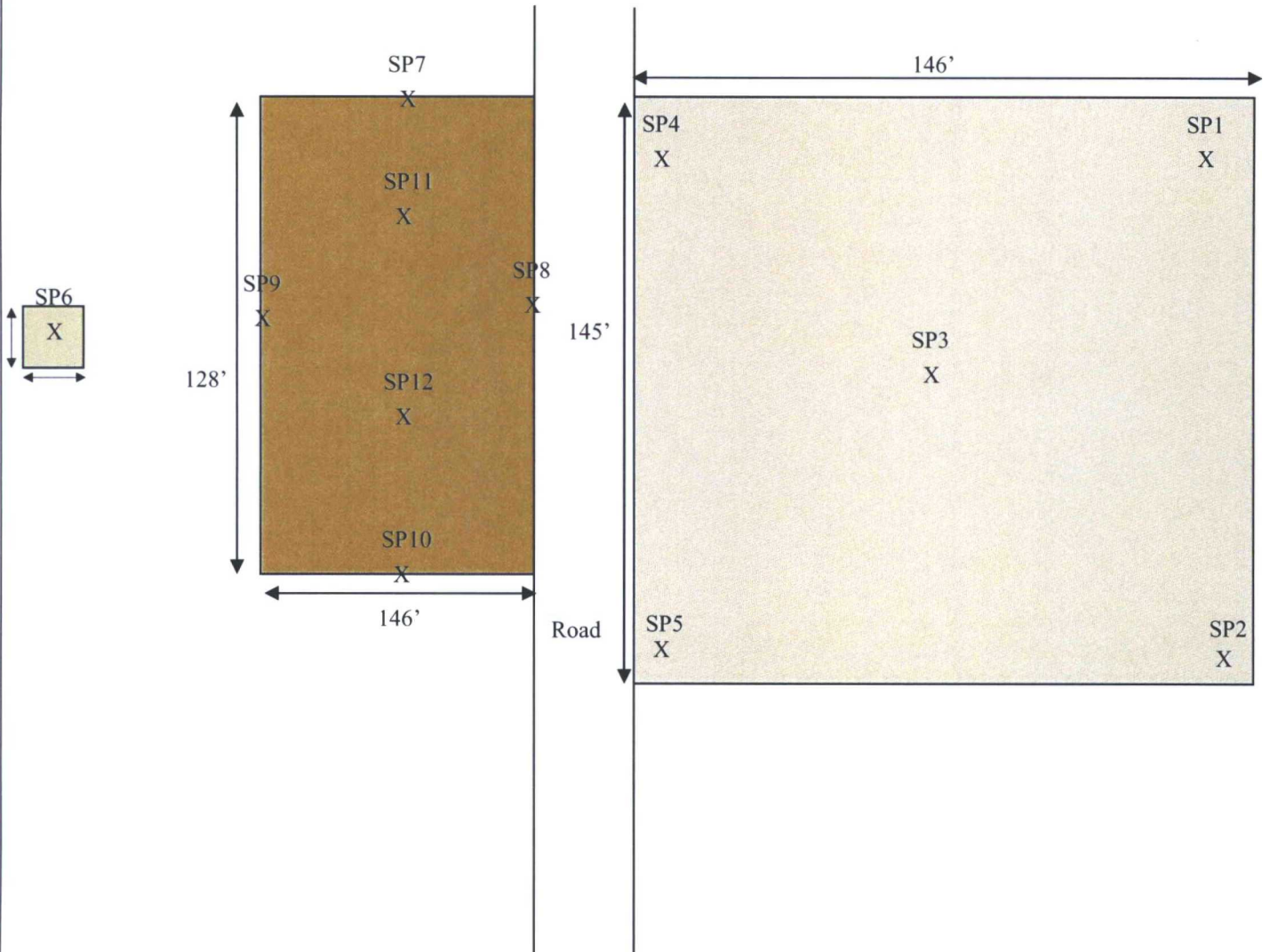
The site has been remediated and closed with the NMOCD's approval. No further action is required.



# **Appendix I**



# HESS CORPORATION STATE O LACT



## LEGEND

- X Sample Points
- Excavated Area - 3'
- Excavated Area - 8'

BBC INTERNATIONAL, INC.

HESS CORPORATION  
STATE O LACT

Date: 6-25-09	Drawn By: JG
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

## **Appendix II**





# ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
BBC INTERNATIONAL, INC.  
ATTN: CLIFF BRUNSON  
P.O. BOX 805  
HOBBS, NM 88241  
FAX TO (575) 397-0397

Receiving Date: 01/23/09  
Reporting Date: 01/28/09  
Project Owner: HESS  
Project Name: AHC STATE O LACT  
Project Location: MONUMENT, NM

Sampling Date: 01/23/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		01/27/09	01/27/09	01/26/09
H16757-1	SP1 @ 3 FT	<10.0	<10.0	< 16
H16757-2	SP2 @ 3 FT	<10.0	<10.0	< 16
H16757-3	SP3 @ 3 FT	<10.0	84.7	< 16
H16757-4	SP4 @ 3 FT	<10.0	104	< 16
H16757-5	SP5 @ 3FT	<10.0	293	< 16
H16757-6	SP6 @ 3FT	<10.0	<10.0	< 16
H16757-7	SP7 @ N-WALL	<10.0	<10.0	64
H16757-8	SP8 @ E-WALL	<10.0	<10.0	16
H16757-9	SP9 @ W-WALL	<10.0	<10.0	16
H16757-10	SP10 @ S-WALL	<10.0	<10.0	16
H16757-11	SP11 @ 8 1/2 FT	<10.0	<10.0	32
H16757-12	SP12 @ 8 1/2 FT	<10.0	<10.0	32
Quality Control		457	526	500
True Value QC		500	500	500
% Recovery		91.4	105	100
Relative Percent Difference		4.6	7.0	<0.1

METHODS: TPH GRO &amp; DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

\*Analyses performed on 1:4 w:v aqueous extracts.

*Cliff Brunson*  
Chemist

01/29/09  
Date

approved 02/02/09  
*Jeffrey Selim*

H16757 TCL BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
BBC INTERNATIONAL, INC.  
ATTN: CLIFF BRUNSON  
P.O. BOX 805  
HOBBS, NM 88241  
FAX TO: (575) 397-0397

Receiving Date: 01/23/09  
Reporting Date: 01/27/09  
Project Owner: HESS  
Project Name: AHC STATE O LACT  
Project Location: MONUMENT, NM

Sampling Date: 01/23/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		01/27/09	01/27/09	01/27/09	01/27/09
H16757-1	SP1 @ 3 FT	<0.050	<0.050	<0.050	<0.150
H16757-2	SP2 @ 3 FT	<0.050	<0.050	<0.050	<0.150
H16757-3	SP3 @ 3 FT	<0.050	<0.050	<0.050	<0.150
H16757-4	SP4 @ 3 FT	<0.050	<0.050	<0.050	<0.150
H16757-5	SP5 @ 3FT	<0.050	<0.050	<0.050	<0.150
H16757-6	SP6 @ 3FT	<0.050	<0.050	<0.050	<0.150
H16757-7	SP7 @ N-WALL	<0.050	<0.050	<0.050	<0.150
H16757-8	SP8 @ E-WALL	<0.050	<0.050	<0.050	<0.150
H16757-9	SP9 @ W-WALL	<0.050	<0.050	<0.050	<0.150
H16757-10	SP10 @ S-WALL	<0.050	<0.050	<0.050	<0.150
H16757-11	SP11 @ 8 1/2 FT	<0.050	<0.050	<0.050	<0.150
H16757-12	SP12 @ 8 1/2 FT	<0.050	<0.050	<0.050	<0.150
Quality Control		0.054	0.057	0.054	0.169
True Value QC		0.050	0.050	0.050	0.150
% Recovery		108	114	108	113
Relative Percent Difference		<1.0	<1.0	<1.0	<1.0

METHOD: EPA SW-846 8021B

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES.

  
Chemist

  
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims for damages, including incidental or consequential damages, shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





## CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>BBC International, Inc.</b>		P.O. #:	
Project Manager: <b>Cliff Brunson</b>		Company:	
Address: <b>P.O. Box 805</b>		Attn:	
City: <b>Hobbs</b>		Address:	
Phone #: <b>575-397-6388</b>		City:	
Fax #: <b>575-397-0397</b>		State:	
Project #: <b>Atc State 0 Loc 1</b>		Zip:	
Project Location: <b>Newport, NM</b>		Phone #:	
Sampler Name: <b>Jeff G. L. S.</b>		Fax #:	
FOR LAB USE ONLY		MATRIX	
		PRESERV	
		SAMPLING	
Lab I.D.	Sample I.D.	(G) (B) OR (C) COMP.	# CONTAINERS
		GROUNDWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER :	
		ACID/BASE:	
		ICE / COOL	
		OTHER :	
		DATE	TIME
H107-1	SP1 @ 3 ft		123-09 2:11
-2	SP2 @ 3 ft		123-09 2:30
-3	SP3 @ 3 ft		123-09 2:41
-4	SP4 @ 3 ft		123-09 2:55
-5	SP5 @ 3 ft		123-09 3:10
-6	SP6 @ 3 ft		123-09 3:26
-7	SP7 @ 4 ft		123-09 3:37
-8	SP8 @ 4 ft		123-09 3:47
-9	SP9 @ 4 ft		123-09 3:58
-10	SP10 @ 5 ft		123-09 4:09

PLEASE NOTE: Under and during (containment and safety establish area) for any other safety measure based on contact or dirt, shall be before to the amount paid for the dirt for the analysis. All other (including those for negligence and any other cause whatsoever) shall be determined unless made on writing and received by Cardinal within 30 days after completion of the applicable analysis. No event shall constitute a basis for product or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by claim, in the event of such.

Witness of acceptance and/or of service to the participants of services provided by Cardinal, together, together with claim, is hereby agreed to by the above named recipient or otherwise.

Relinquished By: *[Signature]* Received By: *[Signature]*

Relinquished By: *[Signature]* Received By: *[Signature]*

Time: 123-09 Date: 123-09

Time: 123-09 Date: 123-09

Delivered By: (Circle One) ☒ Sample Condition ☒ Checked By: *[Signature]*

Sampler - UPS - Bus - Other: ☒ Yes ☐ No ☐ No

Phone Result: ☐ Yes ☐ No ☐ No Add'l Phone #: ☐ Yes ☐ No Add'l Fax #: ☐ Yes ☐ No

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 605-333-2476

4/





**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240  
(505) 393-2328 FAX (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> AHC State O Loc 1 <b>Project Location:</b> Monticello, NM <b>Sampler Name:</b> Jeff Cravens <b>FOR LAB USE ONLY</b>		<b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		
<b>Lab I.D.</b>  <b>Sample I.D.</b> H1107-11 12 SP11 @ 8 1/2 ft SP12 @ 8 1/2 ft	(GRAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERVE SAMPLING	DATE TIME	ANALYSIS REQUEST TPH 801S BTEX 8021 CHC
	RECEIVED BY: <i>[Signature]</i> DATE: 1-23-09 TIME: 4:40 RECEIVED BY: <i>[Signature]</i>			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		
Reinquished By: <i>[Signature]</i> Date: 1-23-09 Time: 4:40 Received By: <i>[Signature]</i>		CHECKED BY: <i>[Signature]</i> (Initial) Add'l Phone #: _____ Add'l Fax #: _____		
REMARKS:				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



## **Appendix III**













AHC State O Lact



AHC State O Lact











## **Appendix IV**

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

**RECEIVED**

NOV 13 2009  
HOBBSDOCD

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	Hess Corporation	Contact	Jay Baker
Address	P.O. Box 840, Seminole, TX 79360	Telephone No.	432-758-6809
Facility Name	State O Lact	Facility Type	Former Tank Battery

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	29	19S	37E					Lea

Latitude 32.63494 Longitude 103.28711

**NATURE OF RELEASE**

Type of Release	Historical Impact	Volume of Release	Unknown	Volume Recovered
Source of Release	Historical	Date and Hour of Occurrence		Date and Hour of Discovery
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?		
By Whom?		Date and Hour		
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.\*


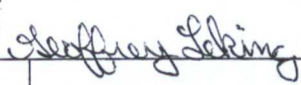
Describe Cause of Problem and Remedial Action Taken.\*

Former Tank Battery that has been abandoned. Hydrocarbon impact is historical in nature. Hess has generic remediation plan approved by NMOCD.

Describe Area Affected and Cleanup Action Taken.\*

Tank Battery area and all hydrocarbon impacted soil was excavated and disposed of at a NMOCD approved disposal facility. Confirmation samples were collected and the results discussed with NMOCD. Approval was granted by NMOCD to backfill and close site. A closure report will be submitted to the NMOCD.

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: Jay Baker		Approved by ENV. ENGINEER District Supervisor: 	
Title: Team Lead		Approval Date: 11/13/09	Expiration Date: -
E-mail Address: JBaker@Hess.com		Conditions of Approval:	Attached <input type="checkbox"/> IRP-09-11-2347
Date: 2/13/09 Phone: 432-758-6809			

\* Attach Additional Sheets If Necessary



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

RECEIVED

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

NOV 13 2009  
HOBBSOCD

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 Hess Corporation	Contact Jay Baker
Address P.O. Box 840, Seminole, TX 79360	Telephone No. 432-758-6809
Facility Name State O Lact	Facility Type Former Tank Battery

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	29	19S	37E					Lea

Latitude 32.63494 Longitude 103.28711

NATURE OF RELEASE

Type of Release Historical Impact	Volume of Release Unknown	Volume Recovered
Source of Release Historical	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

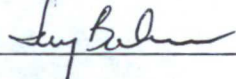
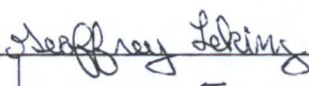
Former Tank Battery that has been abandoned. Hydrocarbon impact is historical in nature. Hess has generic remediation plan approved by NMOCD.

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Tank Battery area and all hydrocarbon impacted soil was excavated and disposed of at a NMOCD approved disposal facility. Confirmation samples were collected and the results discussed with NMOCD. Approval was granted by NMOCD to backfill and close site. A closure report will be submitted to the NMOCD.

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OIL CONSERVATION DIVISION

Signature: 	Approved by <del>District Supervisor</del> 	
Printed Name: Jay Baker	Approval Date: 11/13/09	Expiration Date: -
Title: Team Lead	Conditions of Approval:	
E-mail Address: JBaker@Hess.com	Attached <input type="checkbox"/>	
Date: 2/13/09 Phone: 432-758-6809	IRP-09-11-2347	

\* Attach Additional Sheets If Necessary