



HESS CORPORATION

CHEVRON GRAHAM STATE NCT-1 BATTERY #12 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
WEBSITE: www.bbcinternational.com

JULY 13, 2006

PREPARED FOR:

MR. RANDY BARNES
HESS CORPORATION
P.O. BOX 840
SEMINOLE, TX 79360

facility - FPAC0624026904
incident - nPAC0624027070
application - pPAC0624027090

RP# 1013

Hess Corporation

Chevron Graham State NCT-1 Battery #12

1.0 INTRODUCTION

The subject site is north of Monument, New Mexico in Lea County in Unit Letter J, of Section 24, Township 19 South, and Range 36 East. The site is an abandoned tank battery. Hess Corporation (Hess) sent a remediation plan to the New Mexico Oil Conservation Division (NMOCD), and the plan was approved on December 5, 2005.

2.0 SITE CHARACTERIZATION

The area of the site measures approximately 8,775 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 greater 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 E.D. Walton Construction (E.D. Walton) to excavate the site and haul contaminated soil to a landfarm approved by NMOCD. BBC International, Inc. (BBC) was also retained by Hess to collect soil samples for laboratory analysis.

On April 10, 2006, BBC collected seven (7) samples from test holes throughout the site. The samples were tested for total petroleum hydrocarbons (TPH) – gasoline range organics (GRO)/diesel range organics (DRO), chloride, and benzene-toluene-ethylbenzene-xylene (BTEX). The samples were all taken at a depth of 1.5 to 2 feet below ground surface (bgs). GRO was non-detect in all samples except two (2). A sample from the former location of the west tank had 45.9 parts per million (ppm) GRO, and the sample from the southwest corner of the site had 49.8 ppm GRO. DRO ranged from 43.5 ppm in the northwest corner of the site to 743 ppm at the former location of the west tank. Chlorides varied from 32 ppm to 176 ppm. BTEX was non-detect in all except two (2) samples. In the sample from the former location of the west tank, benzene and toluene were non-detect, however, ethylbenzene was 0.034 ppm and total xylenes were 0.056 ppm. In the sample from the southwest corner of the site, benzene and toluene were non-detect, however, ethylbenzene was 0.120 ppm and total xylenes were 0.281 ppm. All site diagrams can be found in **Appendix I**, laboratory analyticals

can be found in **Appendix II**, site photographs can be viewed in **Appendix III**, and email correspondences can be found in **Appendix IV**.

Site excavation was completed on May 3, 2006, and 1,836 yards of contaminated material was hauled to a landfarm. NMOCD was notified on May 1, 2006 of final sampling to occur on May 3, 2006. Final samples were non-detect for GRO. DRO ranged from non-detect to 354 ppm. Chlorides were 96 ppm or less except in the sample from the southwest corner of the site at a depth of 3.5 feet bgs which contained 480 ppm. BTEX was non-detect.

Due to the chloride levels in the southwest corner of the site, that area was further excavated. BBC notified NMOCD on May 8, 2006 of lab results and that the southwest corner of the site would be re-sampled on May 10, 2006. Laboratory results revealed that chlorides remained at 320 ppm at 4.5 feet bgs. On May 18, 2006 NMOCD was again notified that another sample would be collected at 5.5 feet bgs on May 22, 2006. Chlorides at 5.5 feet bgs were within guidelines at 96 ppm.

Backfilling and contouring was completed with a total of 1,272 yards of clean soil on June 1, 2006. The site was reseeded on June 9, 2006.

4.0 CONCLUSION

According to the Office of the State Engineer, depth to groundwater is greater than 50 feet. There are no water sources or surface water bodies within 1,000 horizontal feet. Therefore, the laboratory data for this site indicates that BTEX, TPH (GRO/DRO), and chloride levels are within NMOCD guidelines.

APPENDIX I

Site Diagrams

Chevron Graham State NCT-1 Battery #12 Monument, New Mexico

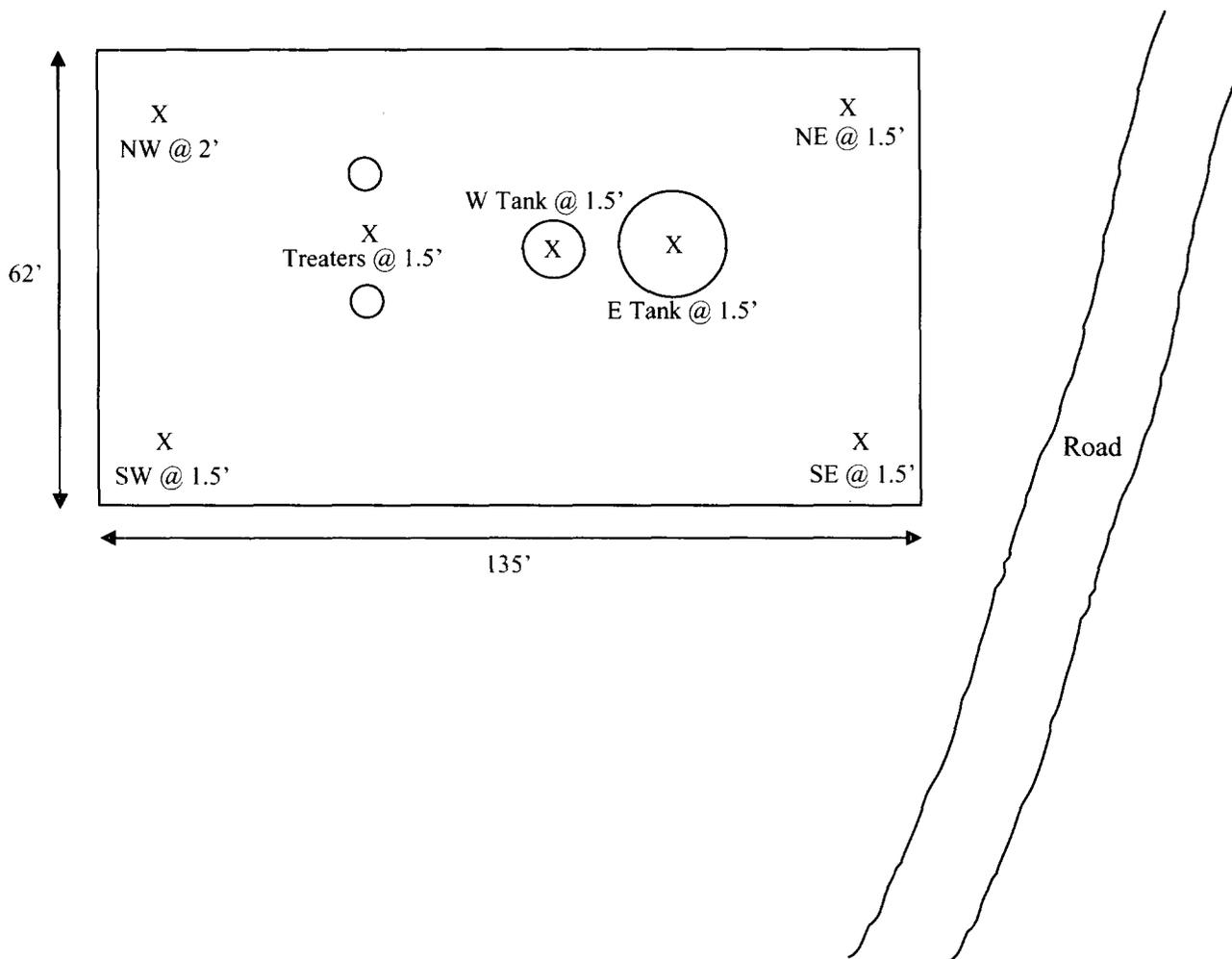
Prepared for:
Hess Corporation
Seminole, Texas

July, 2006

Prepared by:
BBC International, Inc.

HESS CORPORATION CHEVRON GRAHAM STATE NCT-1 BATTERY #12

April 10, 2006



LEGEND

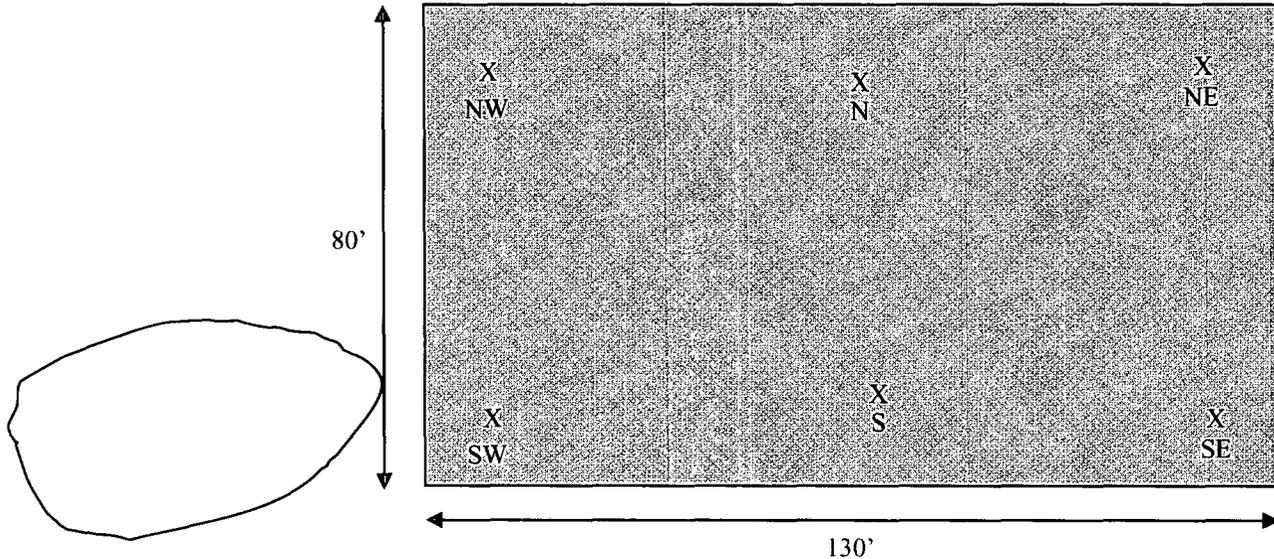
X Sample Points

BBC INTERNATIONAL, INC.

**HESS CORPORATION
CHEVRON GRAHAM STATE NCT-1**

Date: 7-25-06	Drawn By: JG
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

HESS CORPORATION CHEVRON GRAHAM STATE NCT-1 BATTERY #12



May 3, 2006

**Sample
Names & Depths**

SE @ 1.5'
S @ 1.5'
SW @ 3.5'
NW @ 1.5'
N @ 2'
NE @ 4'

May 10, 2006

**Sample
Names & Depths**

SW @ 4.5'

May 22, 2006

**Sample
Names & Depths**

SW @ 5.5'

LEGEND

- Excavated Material
- X Sample Points
- Excavated Area

BBC INTERNATIONAL, INC.

**HESS CORPORATION
CHEVRON GRAHAM STATE NCT-1**

Date: 7-25-06	Drawn By: JG
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

APPENDIX II

Laboratory Analytical Results

Chevron Graham State NCT-1 Battery #12
Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

July, 2006

Prepared by:
BBC International, Inc.



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 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: (5050 397-0397

Receiving Date: 04/11/06
Reporting Date: 04/13/06
Project Number: MONUM 06ES001
Project Name: GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 04/10/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		04/12/06	04/12/06	04/11/06
H11013-1	TREATERS @ 1.5'	<10.0	129	48
H11013-2	W TANK @ 1.5'	45.9	743	176
H11013-3	E TANK @ 1.5'	<10.0	219	64
H11013-4	NE @ 1.5'	<10.0	59.1	16
H11013-5	SE @ 1.5'	<10.0	47.2	32
H11013-6	SW @ 1.5'	49.8	595	64
H11013-7	NW @ 2'	<10.0	43.5	32
Quality Control		783	745	500
True Value QC		800	800	500
% Recovery		97.9	93.2	100
Relative Percent Difference		0.6	0.8	2.0

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

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


Chemist

4/13/06
Date

H11013A

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HOBBS, NM 88241
FAX TO: (5050 397-0397

Receiving Date: 04/11/06
Reporting Date: 04/13/06
Project Number: MONUM 06ES001
Project Name: GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 04/10/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/12/06	04/12/06	04/12/06	04/12/06
H11013-1	TREATERS @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11013-2	W TANK @ 1.5'	<0.005	<0.005	0.034	0.056
H11013-3	E TANK @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11013-4	NE @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11013-5	SE @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11013-6	SW @ 1.5'	<0.005	<0.005	0.120	0.281
H11013-7	NW @ 2'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.093	0.090	0.090	0.282
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.1	90.3	90.4	94.1
Relative Percent Difference		1.6	1.0	0.3	3.6

METHOD: EPA SW-846 8260


Chemist

4/13/06
Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.
 2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: BBC International, Inc. **BILL TO**

Project Manager: Cliff Brunson P.O. #: 45-157156

Address: 1324 W. Marland State: NM zip: 88240 Company: Amerada Hess

City: Hobbs Phone #: 505-397-6388 Fax #: 505-397-0397 Attn: Randy Barnes

Project #: MDN1M 06ES001 Project Owner: Amerada Hess City: Seminole Address: _____

Project Name: Graham State: TX zip: _____

Project Location: Monument Phone #: _____

Sampler Name: Amy Ruth Fax #: _____

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	MATRIX			PRESERV.	SAMPLING	DATE	TIME
		GROUNDWATER	WASTEWATER	SOIL				
H11013-1	Treaters @ 1.5'	✓	✓	✓	✓	4/10/06	528 pm	
-2	W Tank @ 1.5'	✓	✓	✓	✓	4/10/06	340 pm	
-3	E Tank @ 1.5'	✓	✓	✓	✓	4/10/06	350 pm	
-4	NE @ 1.5'	✓	✓	✓	✓	4/10/06	402 pm	
-5	SE @ 1.5'	✓	✓	✓	✓	4/10/06	412 pm	
-6	SW @ 1.5'	✓	✓	✓	✓	4/10/06	422 pm	
-7	NW @ 2'	✓	✓	✓	✓	4/10/06	429 pm	

OTHER: _____

ICE / COOL: _____

ACID/BASE: _____

OTHER: _____

SLUDGE: _____

CRUDE OIL: _____

SOIL: _____

WASTEWATER: _____

GROUNDWATER: _____

CONTAINERS: _____

(G) PAB OR (C) OMP: _____

ANALYSIS REQUEST

TPH & O15 MOD

Chloride

BTEX

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Sampler Relinquished: _____ Date: _____ Time: _____

Received By: _____ Date: 4/11/06 Time: 10:15A

Relinquished By: _____

Delivered By: (Circle One) Amy Ruth

Sampler - UPS - Bus - Other: _____

Sample Condition: Cool Intact Yes No

Checked By: (Initials) AR

Phone Result: Yes No Phone #: _____

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

REMARKS: _____

† Cardinal cannot accept verbal changes. Please fax written changes to 606-393-2476.



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PHONE (505) 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: (505) 397-0397

Receiving Date: 05/04/06
Reporting Date: 05/08/06
Project Number: MONUM 06ES001
Project Name: CHEVRON GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 05/03/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		05/05/06	05/05/06	05/05/06	05/05/06
H11083-1	SE @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11083-2	S @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11083-3	SW @ 3.5'	<0.005	<0.005	<0.005	<0.015
H11083-4	NW @ 1.5'	<0.005	<0.005	<0.005	<0.015
H11083-5	N @ 2'	<0.005	<0.005	<0.005	<0.015
H11083-6	NE @ 4'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.094	0.092	0.093	0.294
True Value QC		0.100	0.100	0.100	0.300
% Recovery		94.4	92.0	93.4	97.9
Relative Percent Difference		1.3	0.4	1.9	3.0

METHOD: EPA SW-846 8260


Chemist


Date



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ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

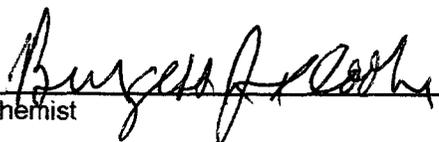
Receiving Date: 05/04/06
Reporting Date: 05/08/06
Project Number: MONUM 06ES001
Project Name: CHEVRON GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 05/03/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		05/05/06	05/05/06	05/04/06
H11083-1	SE @ 1.5'	<10.0	44.2	16
H11083-2	S @ 1.5'	<10.0	207	96
H11083-3	SW @ 3.5'	<10.0	354	480
H11083-4	NW @ 1.5'	<10.0	51.0	32
H11083-5	N @ 2'	<10.0	201	96
H11083-6	NE @ 4'	<10.0	<10.0	16
Quality Control		523	490	990
True Value QC		500	500	1000
% Recovery		105	98.1	99.0
Relative Percent Difference		10.1	12.9	2.0

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

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


Chemist

5/8/06
Date

H11083A

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

ARDINAL LABORATORIES, INC.
 2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: BBC International, Inc. **BILL TO**
 Project Manager: Cliff Brunson
 Address: 1324 W. Marland State: NM Zip: 88240
 City: Hobbs
 Phone #: 505-397-6388 Fax #: 505-397-0397
 Project #: MDNUM 06ES001 Project Owner: AmeradaHess
 Project Name: Chevron Graham
 Project Location: Monument
 Sampler Name: Amy Ruth
 P.O. #: 45-157156
 Company: AmeradaHess
 Attn: Randy Barnes
 Address:
 City: Seminole
 State: TX Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G) PAB OR (C) OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	TPH (AR/DRO) 8015 MOD	Chloride	BTEX
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE											
H11083-1	SE @ 1.5'	G 1	1	✓	✓	✓	✓	✓	✓	5/3/06	1232 pm	✓	✓	✓	✓	✓	✓	✓	
-2	S @ 1.5'	G 1	1	✓	✓	✓	✓	✓	✓	5/3/06	1225 pm	✓	✓	✓	✓	✓	✓	✓	
-3	SW @ 3.5'	G 1	1	✓	✓	✓	✓	✓	✓	5/3/06	1228 pm	✓	✓	✓	✓	✓	✓	✓	
-4	NW @ 1.5'	G 1	1	✓	✓	✓	✓	✓	✓	5/3/06	1230 pm	✓	✓	✓	✓	✓	✓	✓	
-5	N @ 2'	G 1	1	✓	✓	✓	✓	✓	✓	5/3/06	1234 pm	✓	✓	✓	✓	✓	✓	✓	
-6	NE @ 4'	G 1	1	✓	✓	✓	✓	✓	✓	5/3/06	1237 pm	✓	✓	✓	✓	✓	✓	✓	

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Sampler Relinquished: _____ Date: _____ Time: _____
 Received By: _____
 Relinquished By: _____ Date: 5/4/06 Time: 1:00 pm
 Delivered By: Amy G. Ruth
 Sampler: UPS • Bus • Other: _____
 Received By: (Lab Staff) Amy G. Ruth
 Checked By: (Initials) _____
 Sample Condition: Intact Cool Yes No
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:

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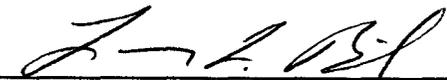
ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88240
FAX TO: (505) 397-0397

Receiving Date: 05/11/06
Reporting Date: 05/16/06
Project Owner: AMERADA HESS
Project Name: CHEVRON GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 05/10/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		05/12/06	05/12/06	05/12/06	05/12/06
H11104-1	GRAHAM SW 4.5'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.094	0.101	0.098	0.307
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.4	101	97.9	102.0
Relative Percent Difference		0.2	7.9	7.2	7.8

METHOD: EPA SW-846 8260


Larry L. Bailey

5/16/06
Date



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HOBBS, NM 88240
FAX TO: (505) 397-0397

Receiving Date: 05/11/06
Reporting Date: 05/16/06
Project Owner: AMERADA HESS
Project Name: CHEVRON GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 05/10/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		05/12/06	05/12/06	05/11/06
H11104-1	GRAHAM SW 4.5'	<10.0	<10.0	320
Quality Control		767	798	500
True Value QC		800	800	500
% Recovery		99.7	95.9	100
Relative Percent Difference		1.2	2.4	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analysis performed on a 1:4 w:v aqueous extract.

Larry L. Bailey

Date

H11104A

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ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 05/23/06
Reporting Date: 05/24/06
Project Owner: AMERADA HESS
Project Name: CHEVRON GRAHAM
Project Location: MONUMENT, NM

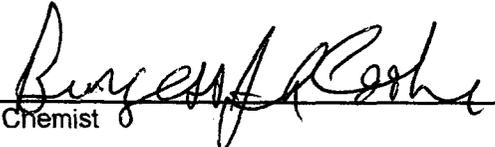
Sampling Date: 05/22/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: LB
Analyzed By: BC/AH

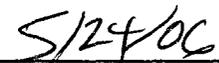
LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	(mg/Kg)
		(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS DATE		05/23/06	05/23/06	05/24/06
H11149-1	GRAHAM SW 5.5'	<10.0	<10.0	96
Quality Control		778	763	480
True Value QC		800	800	500
% Recovery		97.3	95.4	96.0
Relative Percent Difference		3.5	7.5	3.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analysis performed on a 1:4 w:v aqueous extract.


Chemist


Date

H11149A

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.



**ARDINAL
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

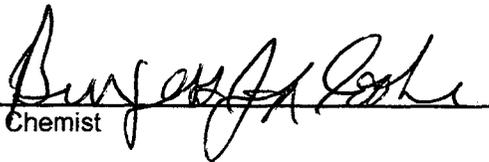
ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 05/23/06
Reporting Date: 05/24/06
Project Owner: AMERADA HESS
Project Name: CHEVRON GRAHAM
Project Location: MONUMENT, NM

Sampling Date: 05/22/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: LB
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		05/24/06	05/24/06	05/24/06	05/24/06
H11149-1	GRAHAM SW 5.5'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.092	0.101	0.090	0.273
True Value QC		0.100	0.100	0.100	0.300
% Recovery		92.1	101	90.3	91.1
Relative Percent Difference		2.3	7.6	1.0	1.2

METHOD: EPA SW-846 8260


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, 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.

APPENDIX III

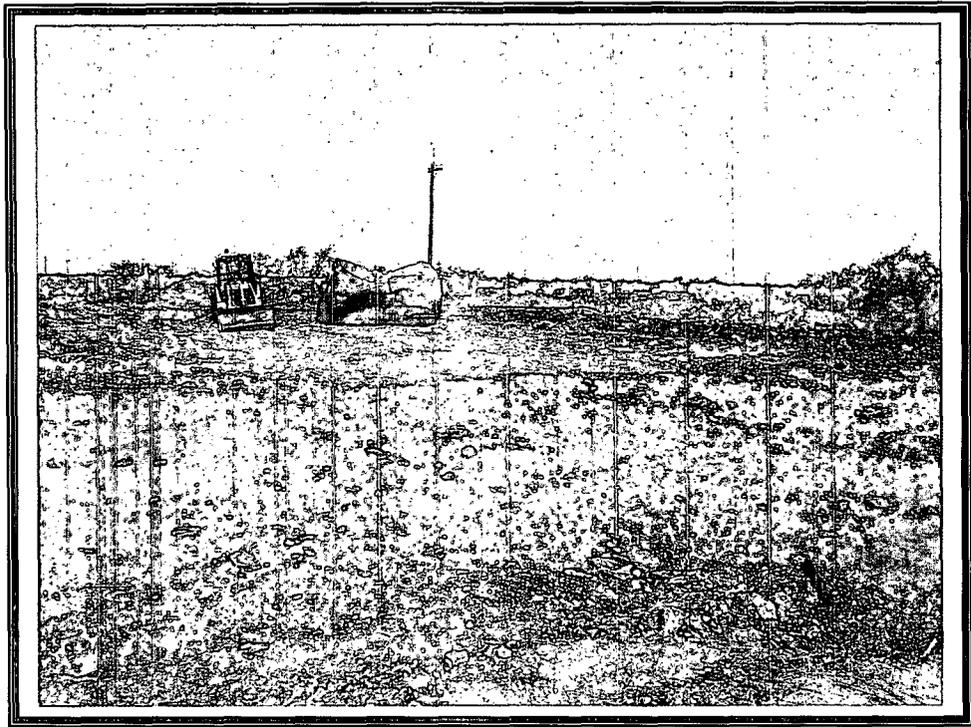
Site Photographs

Chevron Graham State NCT-1 Battery #12 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

July, 2006

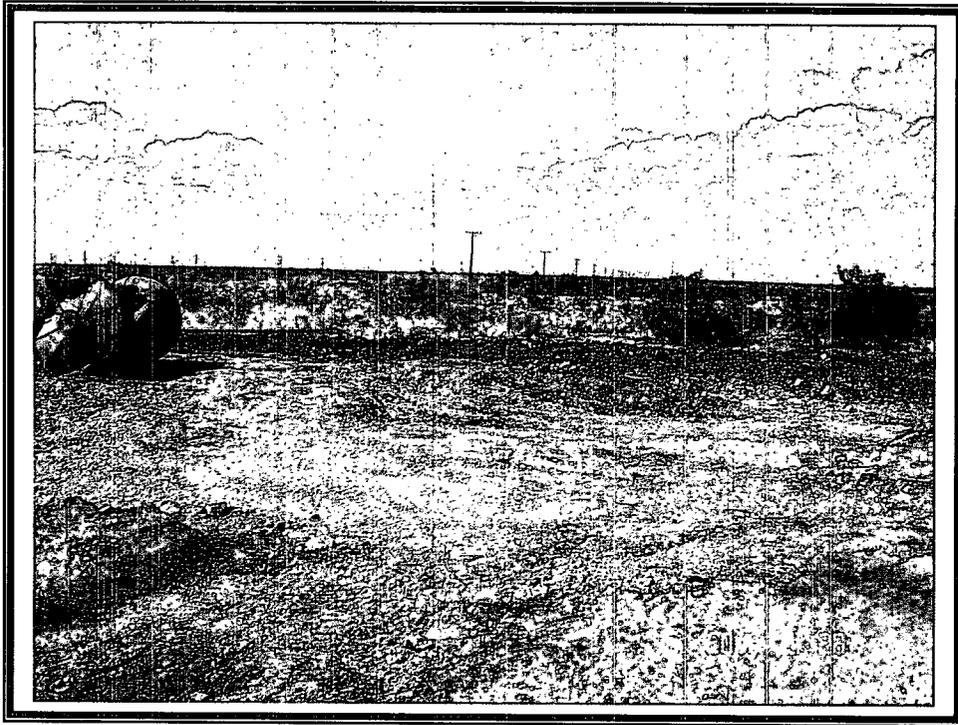
Prepared by:
BBC International, Inc.



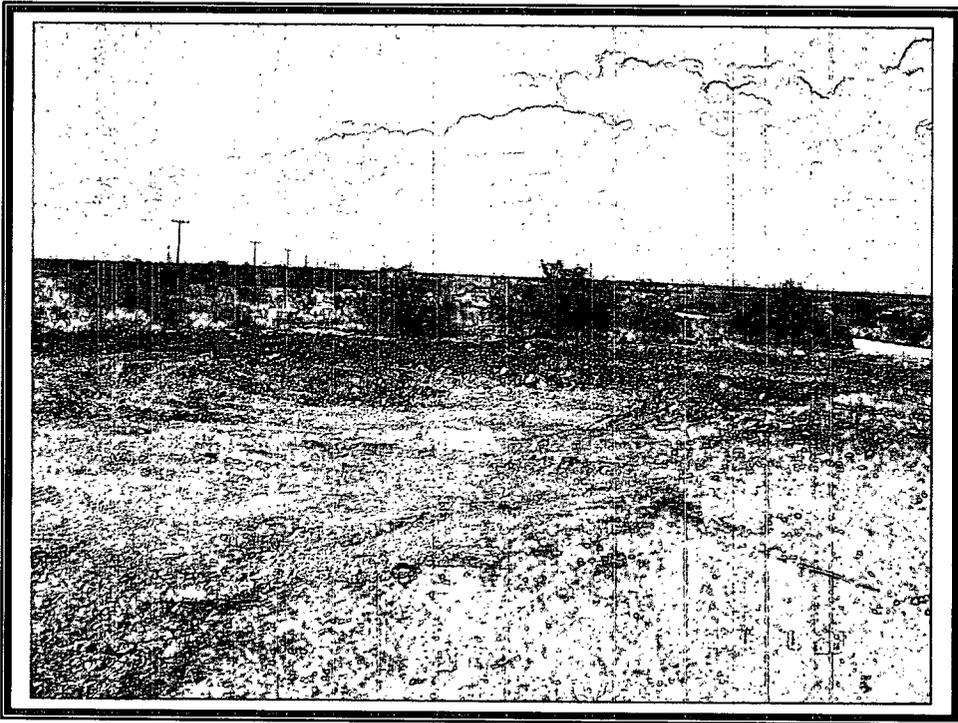
Chevron Graham State NCT-1 Battery 12



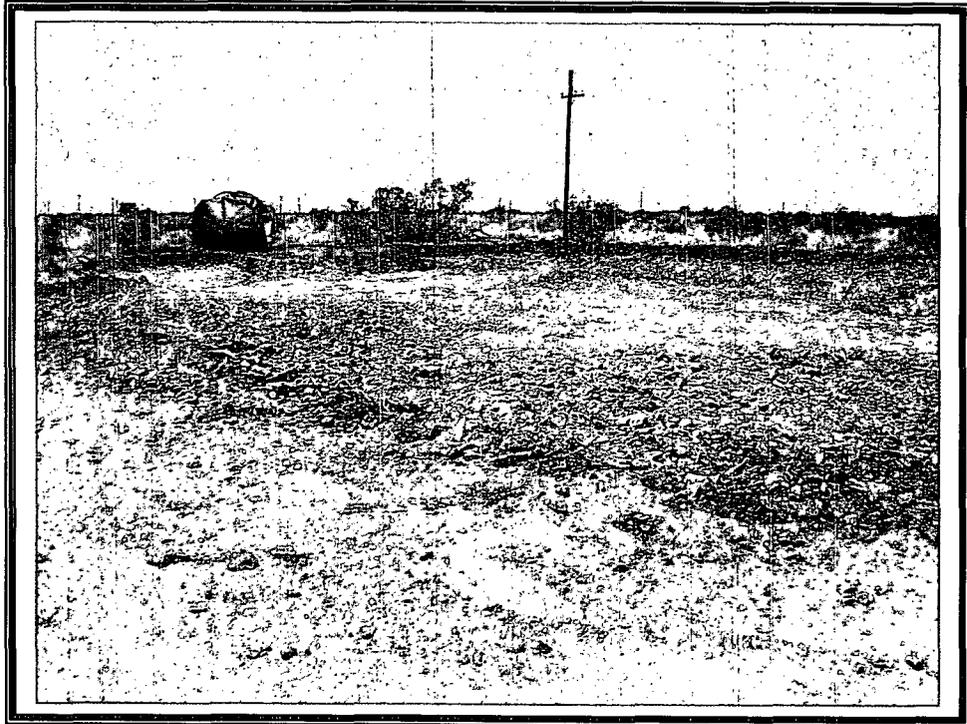
West end of Chevron Graham State NCT-1 Battery 12 excavation



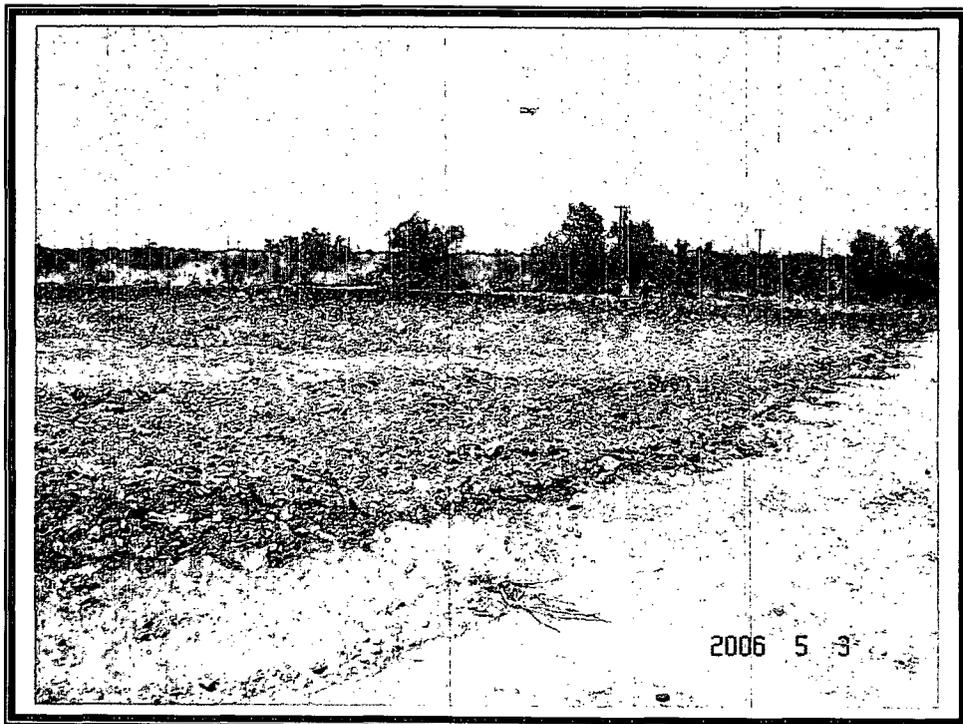
Chevron Graham State NCT-1 Battery 12 excavation



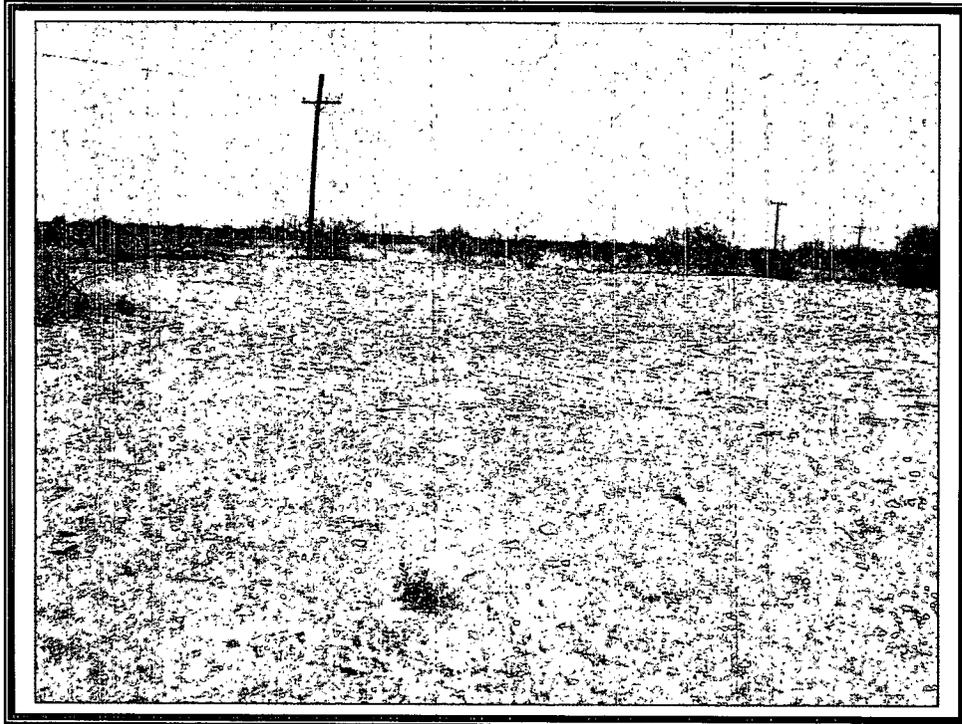
East end of Chevron Graham State NCT-1 Battery 12 excavation



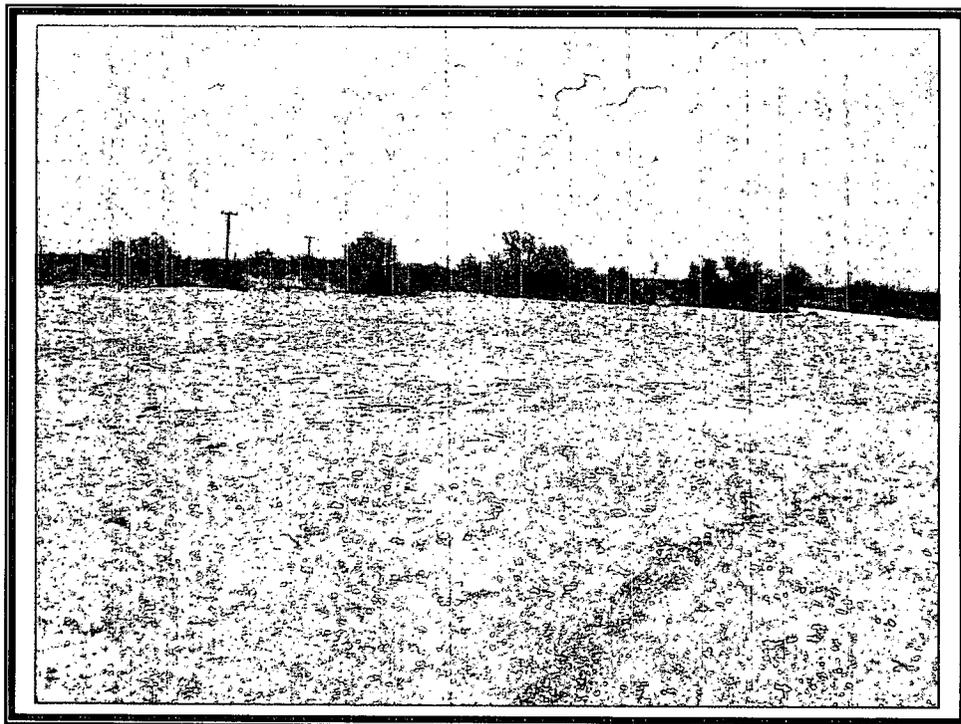
West end of Chevron Graham State NCT-1 Battery 12 excavation



East end of Chevron Graham State NCT-1 Battery 12 excavation



West end of Chevron Graham State NCT-1 Battery 12 after backfill



Chevron Graham State NCT-1 Battery 12 after backfill

APPENDIX IV

Correspondences

Chevron Graham State NCT-1 Battery #12 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

July, 2006

Prepared by:
BBC International, Inc.

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Monday, May 01, 2006 10:26 AM
To: 'Sheeley, Paul, EMNRD'
Cc: 'Barnes, Randy'; 'jbaker@hess.com'; Jennifer (jgilkey@bbcinternational.com)
Subject: Amerada Hess Monument Batteries--Sampling Event

Paul,

BBC International, Inc. will take samples at two Amerada Hess NMGSAU abandoned battery sites in Monument, NM, at 8:30 am Wednesday morning, May 3, 2006. The Great Western Crutchfield is southwest of the intersection at the Monument Café (at the first cattle guard south of the main intersection), and it will be sampled first. The Chevron Graham is located immediately west of the Cooper water station on Maddox Road. Following are legals and GPS coordinates for your convenience.

Great Western Crutchfield

Unit Letter H, Sec 32, T-19S, R-37E

N 32° 37.134'
W 103° 16.035'

Chevron Graham

Unit Letter J, Sec 24, T-19S, R-36E

N 32° 38.536'
W 103° 18.346'

If you have questions, please give me a call.

Thank you,

Amy C. Ruth
Environmental Scientist
BBC International, Inc.
Phone: 505-397-6388
Cell: 505-441-5252

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Monday, May 08, 2006 4:03 PM
To: 'Sheeley, Paul, EMNRD'
Cc: 'Barnes, Randy'; 'jbaker@hess.com'; Jennifer (jgilkey@bbcinternational.com)
Subject: Amerada Hess Monument Batteries--Sampling Event

Paul,

Last week BBC collected final samples at the Great Western Crutchfield and the Chevron Graham batteries. Lab results show that TPH's are all within guidelines, however, chlorides show 736 ppm in the northeast corner of the east pit at the Crutchfield and 480 ppm in the southwest corner of the pit at the Chevron Graham. These areas will be further excavated and closing samples will be collected from the sample points in question at both sites on Wednesday, May 10, 2006 at 2:00 pm.

The Great Western Crutchfield will be sampled first, and is located southwest of the intersection at the Monument Café (at the first cattle guard south of the main intersection). The Chevron Graham is located immediately west of the Cooper water station on Maddox Road. Following are legals and GPS coordinates for your convenience.

Great Western Crutchfield

Unit Letter H, Sec 32, T-19S, R-37E

N 32° 37.134'
W 103° 16.035'

Chevron Graham

Unit Letter J, Sec 24, T-19S, R-36E

N 32° 38.536'
W 103° 18.346'

If you have questions, please give me a call.

Thank you,

Amy C. Ruth
Environmental Scientist
BBC International, Inc.
Phone: 505-397-6388
Cell: 505-441-5252

7/28/2006

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Thursday, May 18, 2006 7:13 AM
To: 'Sheeley, Paul, EMNRD'
Cc: 'Barnes, Randy'; 'jbaker@hess.com'; Jennifer (jgilkey@bbcinternational.com)
Subject: Amerada Hess Monument Batteries--Sampling Event

Paul,

The sites mentioned below in the email that was sent to you on Monday May 8, 2006 were resampled as described. Lab results for the sample points at both sites are still above the 250 ppm chloride requirement. The sample at the Crutchfield was about 384 ppm at 8' and the Chevron Graham was 320 ppm at 4.5'. These sample points will be further excavated and field screened. Closing samples will be collected for each of the sites at 9:00 am Monday May 22, 2006, beginning with the Crutchfield site. Find legals and GPS coordinates below for your convenience.

Thank you,

Amy

From: Amy C. Ruth [mailto:Amy@bbcinternational.com]
Sent: Monday, May 08, 2006 4:03 PM
To: 'Sheeley, Paul, EMNRD'
Cc: 'Barnes, Randy'; 'jbaker@hess.com'; Jennifer (jgilkey@bbcinternational.com)
Subject: Amerada Hess Monument Batteries--Sampling Event

Paul,

Last week BBC collected final samples at the Great Western Crutchfield and the Chevron Graham batteries. Lab results show that TPH's are all within guidelines, however, chlorides show 736 ppm in the northeast corner of the east pit at the Crutchfield and 480 ppm in the southwest corner of the pit at the Chevron Graham. These areas will be further excavated and closing samples will be collected from the sample points in question at both sites on Wednesday, May 10, 2006 at 2:00 pm.

The Great Western Crutchfield will be sampled first, and is located southwest of the intersection at the Monument Café (at the first cattle guard south of the main intersection). The Chevron Graham is located immediately west of the Cooper water station on Maddox Road. Following are legals and GPS coordinates for your convenience.

Great Western Crutchfield

Unit Letter H, Sec 32, T-19S, R-37E

N 32° 37.134'
W 103° 16.035'

Chevron Graham

Unit Letter J, Sec 24, T-19S, R-36E

N 32° 38.536'
W 103° 18.346'

7/28/2006

If you have questions, please give me a call.

Thank you,

Amy C. Ruth
Environmental Scientist
BBC International, Inc.
Phone: 505-397-6388
Cell: 505-441-5252

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Tuesday, May 30, 2006 8:52 AM
To: 'Sheeley, Paul, EMNRD'
Cc: 'Barnes, Randy'; 'jbaker@hess.com'; Jennifer (jgilkey@bbcinternational.com)
Subject: Hess Corporation Abandoned Battery Sites in Monument

Paul,

Final samples from the Great Western Crutchfield and the Chevron Graham locations were within guidelines. Hess Corporation will begin backfilling those sites tomorrow morning. Please call me if you have any questions. Thank you.

Amy C. Ruth
Environmental Scientist
BBC International, Inc.
Phone: 505-397-6388
Cell: 505-441-5252

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	Amerada Hess Corporation	Contact	Randy Barnes
Address	P.O. Box 840, Seminole, TX 79360	Telephone No.	(432) 758-6778
Facility Name	Chevron Graham State NCT-1 Battery #12	Facility Type	Abandoned 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
J	24	19S	36E					

67'

Latitude 32° 38.533' Longitude 103° 18.341'

NATURE OF RELEASE

Type of Release	Historical	Volume of Release	Unknown	Volume Recovered	Unknown
Source of Release	Unknown	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.*

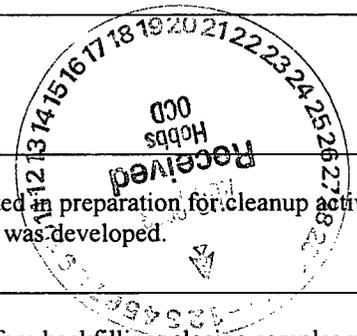
Describe Cause of Problem and Remedial Action Taken.*

Hydrocarbon contamination of soil by oil production activities. Site investigation was conducted in preparation for cleanup activities. Multiple soil samples were collected and sent to a laboratory for analyses. A remediation plan was developed.

Describe Area Affected and Cleanup Action Taken.*

Contaminated soil was removed from the site and taken to a NMOCD approved landfarm. Before backfilling, closing samples were collected to confirm compliance to guidelines. The site was backfilled with clean soil, contoured, and reseeded.

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:	<i>Amy C. Ruth</i>			OIL CONSERVATION DIVISION	
Printed Name:	Amy C. Ruth			Approved by District Supervisor:	
Title:	Environmental Scientist			Approval Date:	Expiration Date:
E-mail Address:	amy@bbcinternational.com			Conditions of Approval:	Attached <input type="checkbox"/>
Date:	7/29/06				

* Attach Additional Sheets If Necessary