



HESS CORPORATION

CHEVRON BV CULP BATTERY #17 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

February 15, 2007

PREPARED FOR:

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

Hess Corporation

Chevron BV Culp Battery #17

1.0 INTRODUCTION

The subject site is north of Monument, New Mexico in Lea County in Unit Letter A, of Section 19, Township 19 South, and Range 37 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 50,734 square feet. There are no water sources 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, the 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 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.

Excavation began at the north area of the site on November 13, 2006. On November 15, 2006, BBC collected a composite sample of the spoils pile on the north excavation. The samples were sent to a laboratory and analyzed for total petroleum hydrocarbons (TPH) – gasoline range organics (GRO)/diesel range organics (DRO), chloride, and benzene-toluene-ethylbenzene-xylene (BTEX). The sample was non-detect for GRO and had 171 parts per million (ppm) DRO, 16 ppm chloride, 0.015 ppm benzene, 0.012 ppm toluene, 0.034 ppm ethylbenzene, and 0.066 ppm total xylenes. All site diagrams depicting sample points can be found in **Appendix I**, laboratory analyticals can be found in **Appendix II**, and site photographs can be viewed in **Appendix III**.

Three (3) separate areas were excavated throughout the site. The north excavation was in the area of the former tank pad. The south excavation was located just across from the north excavation and across a road running east to

west through the site. The third area was part of the road itself extending from the battery 320 feet to the southeast.

On December 27, 2006, BBC collected a total of eight (8) samples from the site. Three (3) of the eight (8) samples were taken from the north excavation. The Chev BV NW 0.5' sample was collected from the northwest corner of the excavation at 0.5 feet below ground surface (bgs). The sample was non-detect for GRO, benzene, ethylbenzene, and total xylenes, and contained 91.6 ppm DRO, 16 ppm chloride, and 0.006 ppm toluene. The Chev BV NE sample was taken from the northeast corner of the site at 0.5 feet bgs. The sample was non-detect for GRO, DRO, benzene, ethylbenzene, and total xylenes and had 144 ppm chloride and 0.009 ppm toluene. The Chev BV SE 4' sample was taken from the southeast corner of the excavation at four (4) feet bgs. The sample was non-detect for GRO, DRO, and BTEX and contained less than 16 ppm chloride. Two (2) samples were taken from the south excavation. The Chev BV S Excavation 4' sample was taken from the north half of the excavation at four (4) feet bgs. The sample was non-detect for GRO, DRO, and BTEX and contained 304 ppm chloride. The Chev BV S Excavation 1' was taken from the south side of the excavation. The sample was non-detect for GRO and BTEX and contained 120 ppm DRO and less than 16 ppm chloride. Three (3) samples were collected from the road excavation. The Chev BV Road N 1' was taken from the north end of the excavation at one (1) foot bgs. The sample was non-detect for GRO and BTEX and contained 305 ppm DRO and 48 ppm chloride. The Chev BV Road Center 1' was taken from the center of the excavation at one (1) foot bgs. The sample was non-detect for GRO, benzene, ethylbenzene, and total xylenes and contained 224 ppm DRO, less than 16 ppm chloride, and 0.005 ppm toluene. The Chev BV Road South 1' was taken from the south end of the excavation at one (1) foot bgs. The sample was non-detect for GRO and BTEX and contained 33.0 ppm DRO and 16 ppm chlorides.

The north half of the south excavation was deepened from four (4) feet bgs to six (6) feet bgs. Field screens were performed to confirm that remaining chloride was reduced from 304 ppm to less than 250 ppm. The north and center parts of the road excavation were further graded to remove excess hydrocarbon content from the surface.

A total of 5,164 cubic yards of contaminated soil was hauled to a NMOCD approved landfarm located in Monument, NM.

On January 17, 2007, Hess notified NMOCD of closing samples to be collected on January 19, 2007. Ten (10) closing samples were collected on January 22, 2006 due to inclement weather conditions. Four (4) samples were taken from the north excavation, two (2) samples were taken from the south excavation, and four (4) samples were taken from the road excavation. All samples were non-detect for GRO and BTEX, ranged from non-detect to 26.4 ppm DRO, and contained less than 16 ppm to 32 ppm chloride.

On February 1, 2007, NMOCD approved the backfill and closure of the site after reviewing soil sample laboratory analytical results. NMOCD approval by email correspondence can be reviewed in **Appendix IV**.

Backfilling and contouring of the site was completed on February 7, 2007 with a total of 4,620 cubic yards of clean soil. The excavation was backfilled with 1,824 cubic yards of caliche to three (3) feet bgs. The remaining volume was completed with 2,796 cubic yards of topsoil and contoured to grade. The site will be reseeded in the spring of 2007.

4.0 CONCLUSION

On behalf of Hess, BBC respectfully requests final closure approval from the NMOCD for the Chevron BV Culp Battery #17 due to the fact that the laboratory data for this site confirms that BTEX, TPH (GRO/DRO), and chloride levels are within NMOCD guidelines.

APPENDIX I

Site Diagrams

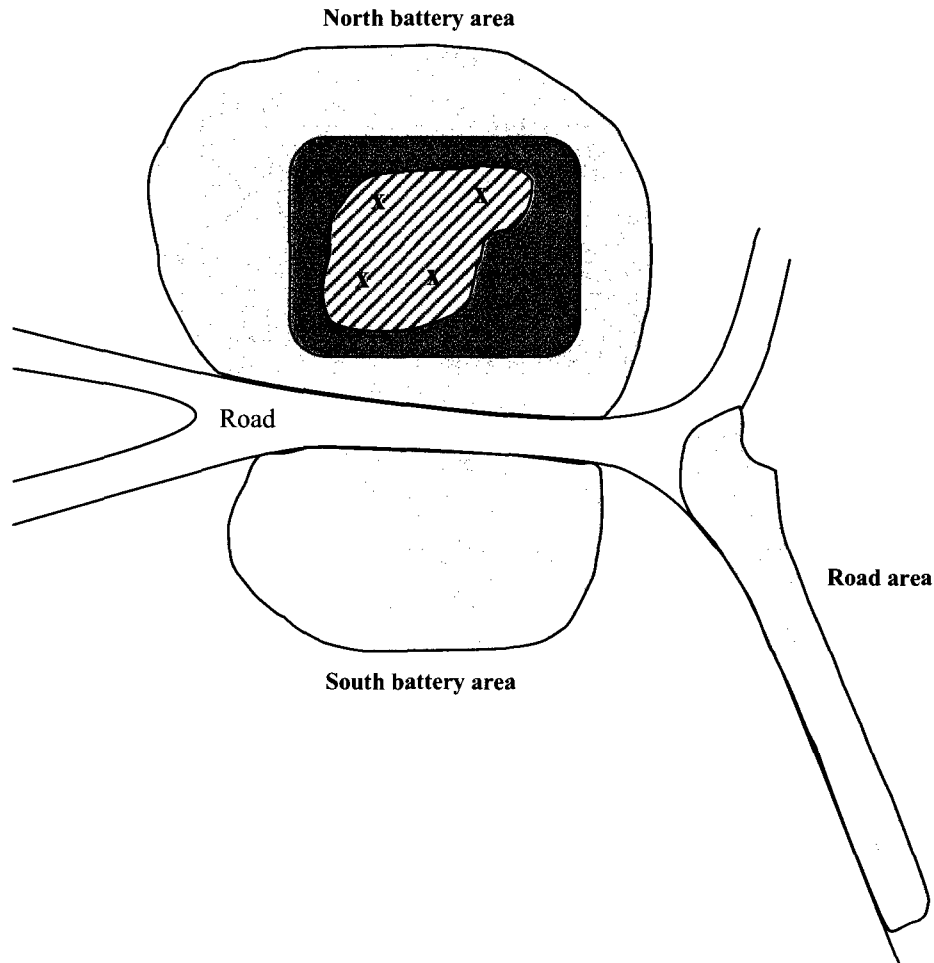
Chevron BV Culp Battery #17 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

February, 2007

Prepared by:
BBC International, Inc.


HESS CORPORATION CHEVRON BV CULP BATTERY #17




LEGEND

Sampling Event November 15, 2006

X Composite sample points

 Area to be excavated

 Excavated 0.5 foot below ground surface

 Stockpile of excavated soil

BBC INTERNATIONAL, INC.

HESS CORPORATION
Chevron BV Culp Battery #17

Date: 2-15-07

Drawn By: AR

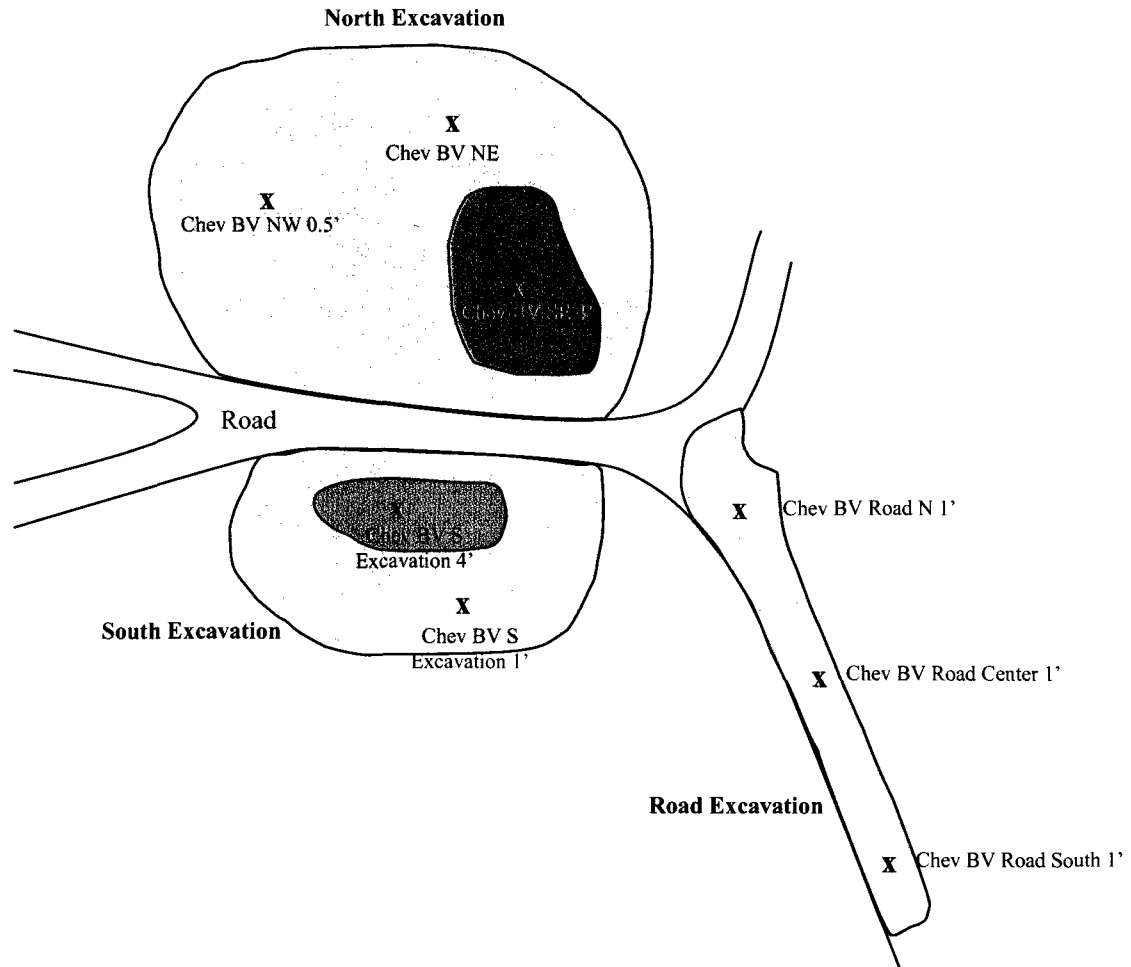
Disk:

Sheet 1 of 1 Sheets

Scale: Not to Scale

File Name

HESS CORPORATION CHEVRON BV CULP BATTERY #17



LEGEND

Sampling Event December 27, 2006

- X** Sample Points
- Excavated 0.5 to 1 foot below ground surface
- Excavated to 4 feet below ground surface

BBC INTERNATIONAL, INC.

HESS CORPORATION
Chevron BV Culp Battery #17

Date: 2-15-07

Drawn By: AR

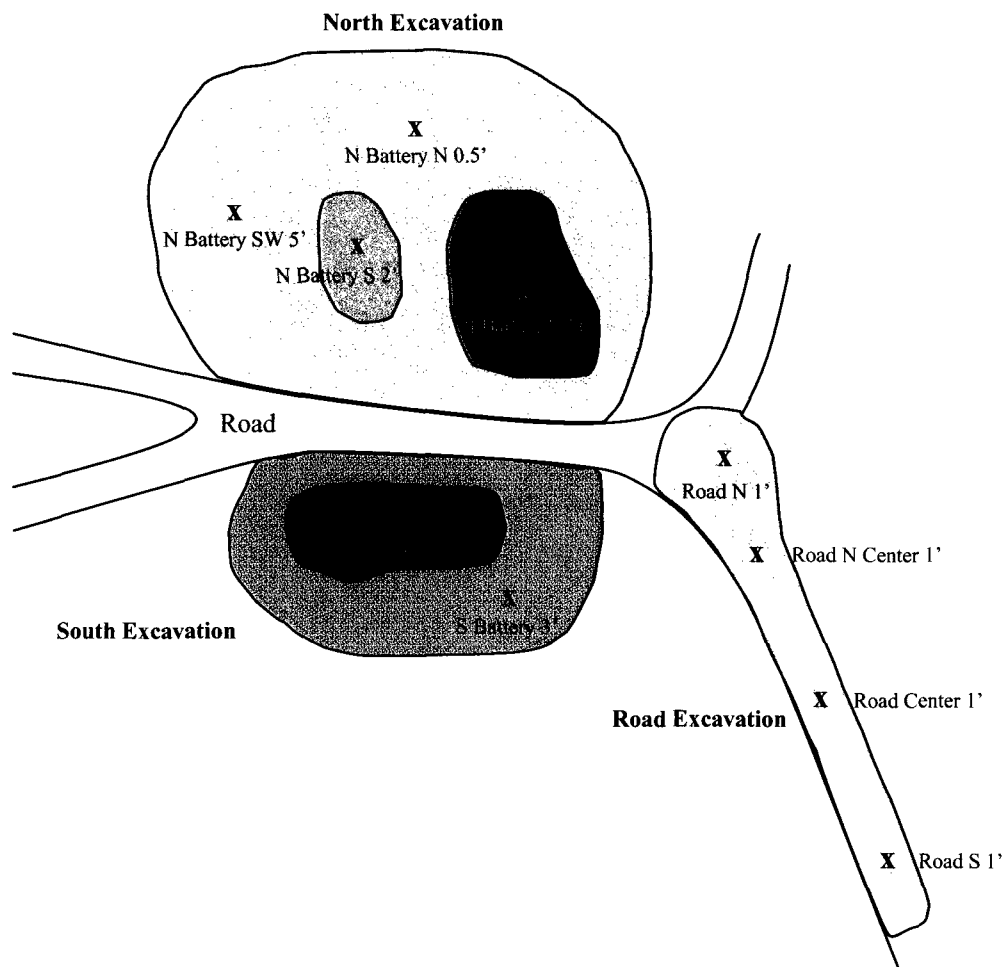
Disk:

Sheet 1 of 1 Sheets

Scale: Not to Scale

File Name





HESS CORPORATION CHEVRON BV CULP BATTERY #17



LEGEND

Sampling Event January 22, 2007

X Sample Points

-  Excavated 0.5 to 1 foot below ground surface
-  Excavated to 2 feet below ground surface
-  Excavated to 3 feet below ground surface
-  Excavated to 6 feet below ground surface

BBC INTERNATIONAL, INC.

HESS CORPORATION
Chevron BV Culp Battery #17

Date: 2-15-07

Drawn By: AR

Disk:

Sheet 1 of 1 Sheets

Scale: Not to Scale

File Name

APPENDIX II

Laboratory Analytical Results

Chevron BV Culp Battery #17
Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

February, 2007

Prepared by:
BBC International, Inc.



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: 11/15/06
Reporting Date: 11/16/06
Project Owner: HESS CORP.
Project Name: CHEVRON BV CULP BATTERY 17
Project Location: MONUMENT, NM

Sampling Date: 11/15/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	
ANALYSIS DATE		11/15/06	11/15/06	11/15/06
H11802-1	BATTERY SPOILS PILE	<10.0	171	16
Quality Control		767	765	500
True Value QC		800	800	500
% Recovery		95.8	95.7	100
Relative Percent Difference		1.0	1.3	4.0

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 Bryant J. Cochran

Date 11/16/04

H11802A

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 agents 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) 873-7001 • 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: 11/15/06
Reporting Date: 11/16/06
Project Owner: HESS CORP.
Project Name: CHEVRON BV CULP BATTERY 17
Project Location: MONUMENT, NM

Sampling Date: 11/15/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/15/06	11/15/06	11/15/06	11/15/06
H11802-1	BATTERY SPOILS PILE	0.015	0.012	0.034	0.066
Quality Control		0.109	0.105	0.107	0.308
True Value QC		0.100	0.100	0.100	0.300
% Recovery		109	105	107	103.0
Relative Percent Difference		6.5	2.0	2.7	1.5

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 analysis. 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. Cardinal shall 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.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2478

Page 1 of 1

ANALYSIS REQUEST									
<div style="display: flex; justify-content: space-between;"> <div> <p>Company Name: BBC International, Inc.</p> <p>Project Manager: Cliff Brunson</p> <p>Address: 1324 W. Marland</p> <p>City: Hobbs State: NM Zip: 88240</p> <p>Phone #: 505-397-6388 Fax #: 505-397-0397</p> <p>Project #: _____ Project Owner: Hess Corp.</p> <p>Project Name: Chevron BV Culp Battery 17</p> <p>Project Location: Monument</p> <p>Sampler Name: Amy Ruth</p> </div> <div> <p>P.O. #: _____</p> <p>Company: _____</p> <p>Attn: _____</p> <p>Address: _____</p> <p>City: _____</p> <p>State: _____ Zip: _____</p> <p>Phone #: _____</p> <p>Fax #: _____</p> </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div> <p>FOR LAB USE ONLY</p> <p>Lab I.D. _____</p> <p>Sample I.D. _____</p> </div> <div> <p>(G)RAB OR (C)OMP _____</p> <p># CONTAINERS _____</p> <p>GROUNDWATER _____</p> <p>WASTEWATER _____</p> <p>SOIL _____</p> <p>CRUDE OIL _____</p> <p>SLUDGE _____</p> <p>OTHER: _____</p> <p>ACID/BASE: _____</p> <p>ICE / COOL _____</p> <p>OTHER: _____</p> </div> <div> <p>PRESERV _____</p> <p>SAMPLING _____</p> <p>DATE _____</p> <p>TIME _____</p> </div> </div>									
<p>TPH (AR/DRO) 8815 M <input checked="" type="checkbox"/></p> <p>BTEX <input checked="" type="checkbox"/></p> <p>Chloride <input checked="" type="checkbox"/></p>									
<p>PLEASE NOTE: Locality and Company Name and address are for use only. All other information should be provided by the client for the analysis. All other information should be provided by the client for the analysis. All other information should be provided by the client for the analysis.</p>									
<p>Sampler Relinquished: _____ Date: _____ Time: _____</p> <p>Received By: _____ Date: _____ Time: _____</p> <p>Relinquished By: _____ Date: _____ Time: _____</p> <p>Checked By: _____ Date: _____ Time: _____</p>									

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



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: 12/29/06

Reporting Date: 01/04/07

Project Owner: HESS

Project Name: CHEVRON BV CULP A BATTERY 17

Project Location: MONUMENT, NM

Sampling Date: 12/27/06

Sample Type: SOIL

Sample Condition: COOL & INTACT

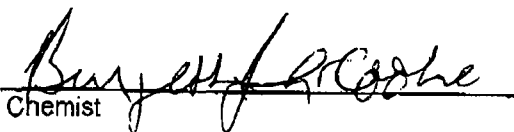
Sample Received By: HM

Analyzed By: BC/HM

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
	ANALYSIS DATE	01/03/07	01/03/07	01/02/07
H11955-1	CHEV BV NW 0.5'	<10.0	91.6	16
H11955-2	CHEV BV NE	<10.0	<10.0	144
H11955-3	CHEV BV SE 4'	<10.0	<10.0	<16
H11955-4	CHEV BV S. EXCAVATION 4'	<10.0	<10.0	304
H11955-5	CHEV BV S. EXCAVATION 1'	<10.0	120	<16
H11955-6	CHEV BV ROAD N 1'	<10.0	305	48
H11955-7	CHEV BV ROAD CENTER 1'	<10.0	224	<16
H11955-8	CHEV BV ROAD SOUTH 1'	<10.0	33.0	16
	Quality Control	781	740	480
	True Value QC	800	800	500
	% Recovery	97.6	92.3	96.0
	Relative Percent Difference	3.6	2.2	2.1

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

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


Chemist

1/4/07
Date

H11955A

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: 12/29/06
Reporting Date: 01/04/07
Project Owner: HESS
Project Name: CHEVRON BV CULP A BATTERY 17
Project Location: MONUMENT, NM

Sampling Date: 12/27/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		01/03/07	01/03/07	01/03/07	01/03/07
H11955-1	CHEV BV NW 0.5'	<0.005	0.006	<0.005	<0.015
H11955-2	CHEV BV NE	<0.005	0.009	<0.005	0.025
H11955-3	CHEV BV SE 4'	<0.005	<0.005	<0.005	<0.015
H11955-4	CHEV BV S. EXCAVATION 4'	<0.005	<0.005	<0.005	<0.015
H11955-5	CHEV BV S. EXCAVATION 1'	<0.005	<0.005	<0.005	<0.015
H11955-6	CHEV BV ROAD N 1'	<0.005	<0.005	<0.005	<0.015
H11955-7	CHEV BV ROAD CENTER 1'	<0.005	0.005	<0.005	<0.015
H11955-8	CHEV BV ROAD SOUTH 1'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.102	0.101	0.104	0.299
True Value QC		0.100	0.100	0.100	0.300
% Recovery		102	101	104	99.7
Relative Percent Difference		5.3	4.7	<0.1	2.3

METHOD: EPA SW-846 8260

Barbara J. Cooke
Chemist

1/4/07
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.

2111 Beschwood, Abilene, TX 79503 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2478

Page 10 of 10

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:					
Address: 1324 W. Maryland		Attn:					
City: Habbs		State: NM		Zip: 88240			
Phone #: 505-397-6388		Fax #: 505-397-0397					
Project #:		Project Owner: Hess					
Project Name: Chevron BV Culpa Battery 17		City: C		State: C			
Project Location: Plummet		Phone #:					
Sampler Name: Amy Ruth		Fax #:					
FOR USE ONLY	MATRIX	PRESERV	SAMPLING				
	(G)FAS OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE
			OTHER:	ACID/BASE	ICE/COOL	OTHER:	
Lab I.D.	Sample I.D.		DATE	TIME			
H1955-1	Chev BV NW 0.5'	G 1	12/21/06	1012	✓	✓	✓
-2	Chev BV NE	G 1	12/21/06	1015	✓	✓	✓
-3	Chev BV SE 4'	G 1	12/21/06	1018	✓	✓	✓
-4	Chev BV South Excavation 4'	G 1	12/21/06	1027	✓	✓	✓
-5	Chev BV South Excavation 1'	G 1	12/21/06	1033	✓	✓	✓
-6	Chev BV Road N 1'	G 1	12/21/06	1041	✓	✓	✓
-7	Chev BV Road Center 1'	G 1	12/21/06	1045	✓	✓	✓
-8	Chev BV Road South 1'	G 1	12/21/06	1051	✓	✓	✓

PLEASE NOTE: Liability and Damages: Customer's liability and damages shall be limited to the amount paid by the client for the services. No other liability shall be assumed by the company. The company shall not be liable for any damages or losses of any kind, including but not limited to, lost profits, lost business, lost data, or loss of any other kind, arising out of or from the use of the services. The company shall not be liable for any damages or losses of any kind, including but not limited to, lost profits, lost business, lost data, or loss of any other kind, arising out of or from the use of the services. The company shall not be liable for any damages or losses of any kind, including but not limited to, lost profits, lost business, lost data, or loss of any other kind, arising out of or from the use of the services.

Terms and Conditions: This contract shall be subject to the terms and conditions of the company's standard contract. The company shall not be liable for any damages or losses of any kind, including but not limited to, lost profits, lost business, lost data, or loss of any other kind, arising out of or from the use of the services. The company shall not be liable for any damages or losses of any kind, including but not limited to, lost profits, lost business, lost data, or loss of any other kind, arising out of or from the use of the services.

Received By: **Amy Ruth**

Date: **12/29/06**

Time: **1420**

Received By: **Hope S. Hagan**

Date: **12/29/06**

Time: **1420**

Delivered By: **(Circle One)**

Sampler - UPS - Bus - Other:

Checked By: **(Initials)**

Sample Condition: **Cool / Intact**

Yes ☒ No ☐

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



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: 01/23/07
Reporting Date: 01/24/07
Project Owner: HESS
Project Name: CHEVRON BV CULP BATTERY #17
Project Location: MONUMENT, NM

Sampling Date: 01/22/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/LB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
		01/23/07	01/23/07	01/23/07
H12072-1	N BATTERY SW 0.5'	<10.0	26.4	16
H12072-2	N BATTERY S 2'	<10.0	<10.0	16
H12072-3	N BATTERY N 0.5'	<10.0	<10.0	16
H12072-4	N BATTERY SE 6'	<10.0	<10.0	16
H12072-5	S BATTERY 6'	<10.0	<10.0	16
H12072-6	S BATTERY 3'	<10.0	<10.0	16
H12072-7	ROAD N 1'	<10.0	<10.0	<16
H12072-8	ROAD N CENTER 1'	<10.0	<10.0	32
H12072-9	ROAD CENTER 1'	<10.0	<10.0	<16
H12072-10	ROAD SOUTH 1'	<10.0	<10.0	<16
Quality Control		774	795	520
True Value QC		800	800	500
% Recovery		96.8	99.3	104
Relative Percent Difference		1.7	<0.1	5.8

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

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

Chemist

Date

H12072A

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

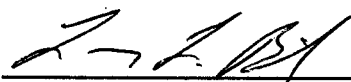
ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 01/23/07
Reporting Date: 01/24/07
Project Owner: HESS
Project Name: CHEVRON BV CULP BATTERY #17
Project Location: MONUMENT, NM

Sampling Date: 01/22/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: LB

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		01/23/07	01/23/07	01/23/07	01/23/07
H12072-1	N BATTERY SW 0.5'	<0.002	<0.002	<0.002	<0.006
H12072-2	N BATTERY S 2'	<0.002	<0.002	<0.002	<0.006
H12072-3	N BATTERY N 0.5'	<0.002	<0.002	<0.002	<0.006
H12072-4	N BATTERY SE 6'	<0.002	<0.002	<0.002	<0.006
H12072-5	S BATTERY 6'	<0.002	<0.002	<0.002	<0.006
H12072-6	S BATTERY 3'	<0.002	<0.002	<0.002	<0.006
H12072-7	ROAD N 1'	<0.002	<0.002	<0.002	<0.006
H12072-8	ROAD N CENTER 1'	<0.002	<0.002	<0.002	<0.006
H12072-9	ROAD CENTER 1'	<0.002	<0.002	<0.002	<0.006
H12072-10	ROAD SOUTH 1'	<0.002	<0.002	<0.002	<0.006
Quality Control		0.089	0.096	0.098	0.319
True Value QC		0.100	0.100	0.100	0.300
% Recovery		89.2	96.8	98.1	106.4
Relative Percent Difference		3.1	2.8	2.4	2.1

METHOD: EPA SW-846 8021 B


Chemist

1/24/07
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 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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

CARDINAL 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) 393-2478

Company Name: <u>BBC International, Inc.</u>		P.O. #	
Project Manager: <u>Cliff Brunson</u>		Company:	
Address: <u>1324 W. Marland</u>		Attn:	
City: <u>Hobbs</u>		Address: <u>424 W</u>	
Phone #: <u>505-397-6388</u>		City: <u>5</u>	
Fax #: <u>505-397-6388</u>		State: <u>Zip:</u>	
Project Owner: <u>Hess</u>		Phone #: <u>5</u>	
Project Name: <u>Cheyron BV Culp Battery #17</u>		Fax #: <u>5</u>	
Project Location: <u>Monument</u>			
Sampler Name: <u>Amy Ruth</u>			

FOR LAB USE ONLY	Sample I.D.	(G) PAB OR (G) OMP.	# CONTAINERS	MATRIX							PRESERV.		SAMPLING		TPH	BTX	Chloride			
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME						
H12072-1	N Battery SW 0.5'	G	1										1/22/07	1459						
-2	N Battery S 2'	G	1										1/22/07	1507						
-3	N Battery N 0.5'	G	1										1/22/07	1511						
-4	N Battery SE 6'	G	1										1/22/07	1520						
-5	S Battery 6'	G	1										1/22/07	1526						
-6	S Battery 3'	G	1										1/22/07	1534						
-7	Road N 1'	G	1										1/22/07	1547						
-8	Road N Center 1'	G	1										1/22/07	1559						
-9	Road Center 1'	G	1										1/22/07	1604						
-10	Road South 1'	G	1										1/22/07	1611						

TPH and CONDUCTIVITY in water will be reported on a separate report only.

PLEASE NOTE: Liberty and Dominion Cardiac's liability and chain of custody is limited to the amount paid by the client for the analysis. All cards touching these for negligence and any other cause whatsoever shall be deemed void. Please make it clear to the client that the analysis is for the purpose of the project and not for any other purpose. The client is responsible for the accuracy of the information provided and for the accuracy of the analysis. The client is responsible for the accuracy of the information provided and for the accuracy of the analysis. The client is responsible for the accuracy of the information provided and for the accuracy of the analysis.

Sampler Relinquished: <u>Amy Ruth</u>		Date: <u>1/23/07</u>	Time: <u>12:57</u>
Relinquished By: <u>Amy Ruth</u>		Date: <u>1/23/07</u>	Time: <u>12:57</u>
Received By: (Lab Staff) <u>Burcella Cooke</u>		Checked By: (Initials)	
Delivered By: (Circle One)		Sample Condition	
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:	

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

APPENDIX III

Site Photographs

Chevron BV Culp Battery #17 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

February, 2007

Prepared by:
BBC International, Inc.



West side of the north battery area



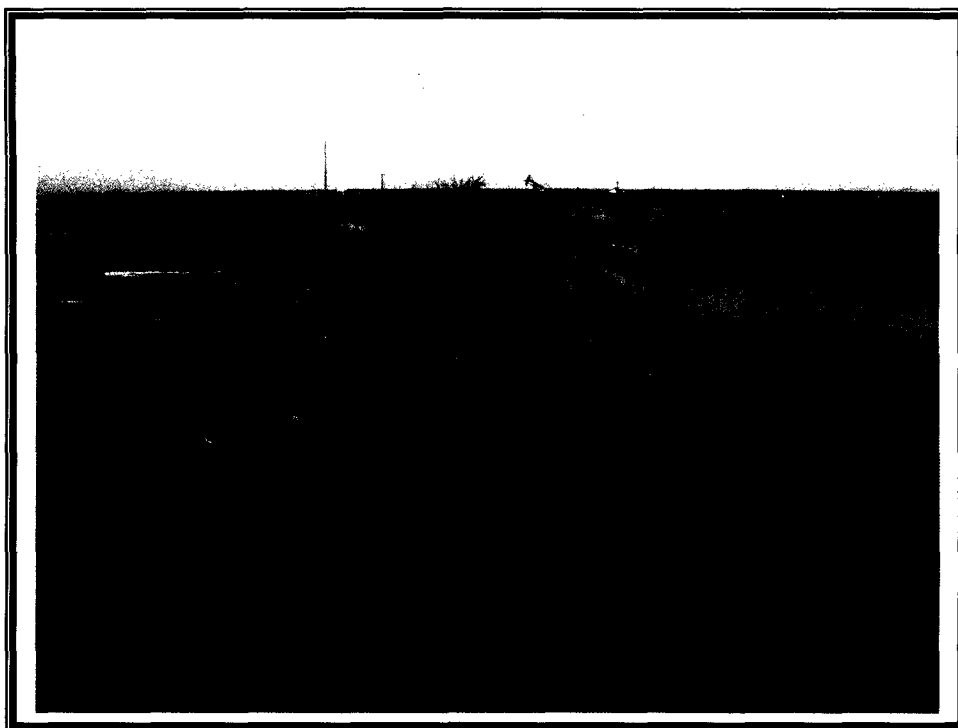
North battery area



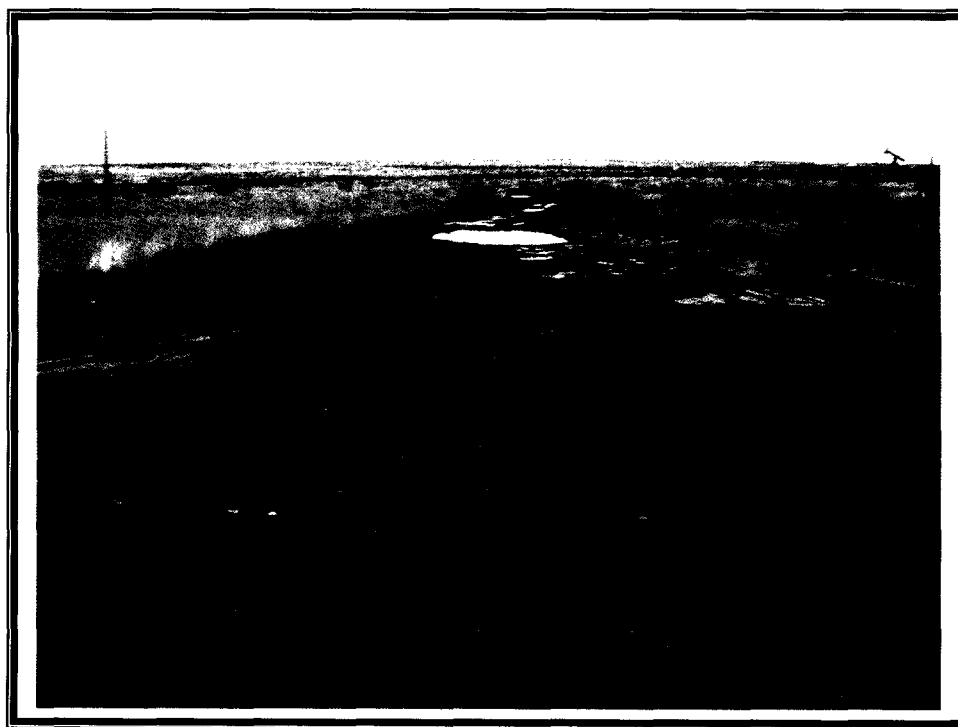
North battery excavation



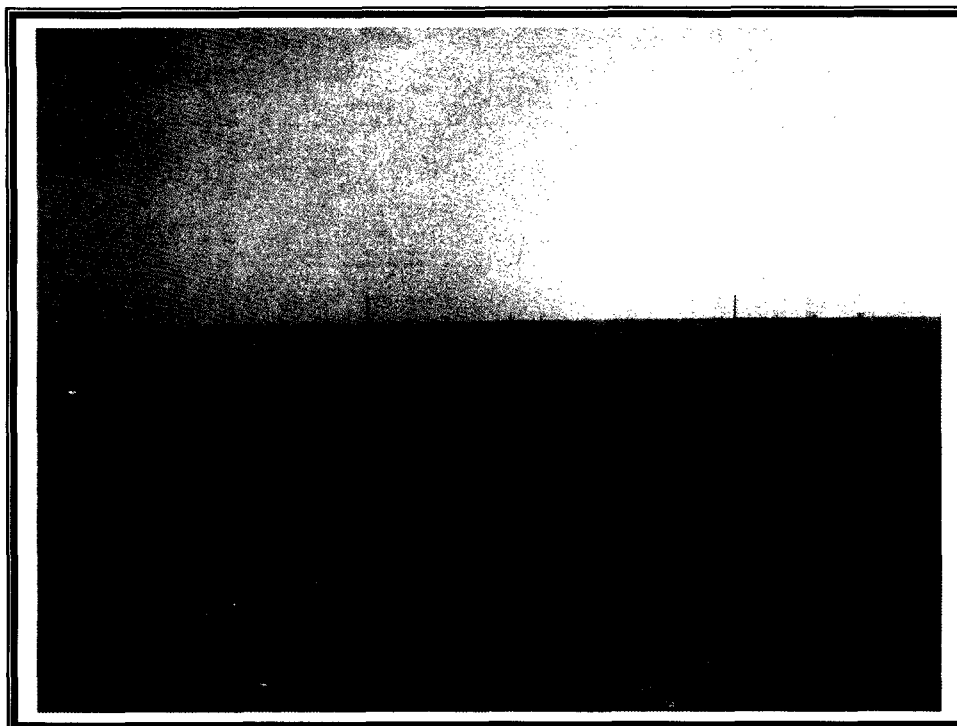
View of the north battery excavation toward the southeast



South battery excavation



Road excavation



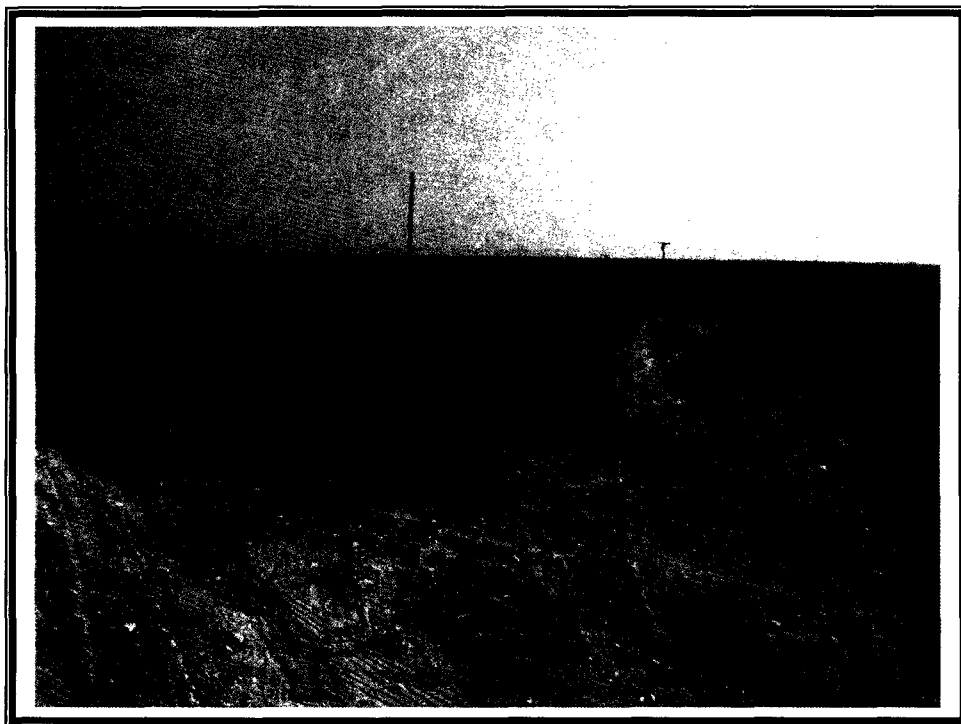
North battery area after backfill



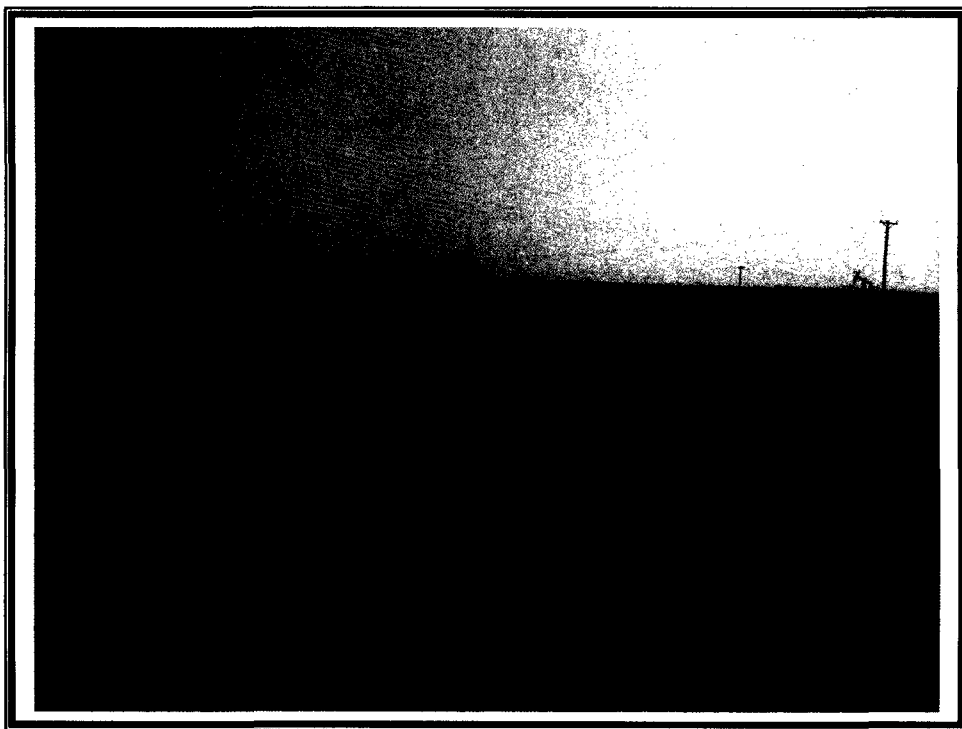
View of north battery area toward the southeast after backfill and
installation of road



South battery area after backfill and installation of road



Backfilled area surrounding north part of reinstalled road



Reinstalled road

APPENDIX IV

Correspondences

Chevron BV Culp Battery #17 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

February, 2007

Prepared by:
BBC International, Inc.

Amy C. Ruth

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Friday, February 02, 2007 10:25 AM
To: Randy Barnes; Drew Hall ; Jay Baker
Cc: Amy C. Ruth
Subject: FW: Closure-Hess Chevron BV Culp Battery #17

FYI: See below.....Amy and I discussed Chris' comment and we can comply. I replied to Chris that we would take care of it. So, this site has closure approval.

Cliff

From: Williams, Chris, EMNRD [mailto:chris.williams@state.nm.us]
Sent: Thursday, February 01, 2007 10:20 AM
To: Cliff P. Brunson
Subject: RE: Closure-Hess Chevron BV Culp Battery #17

Go ahead and close. I think we need 3 feet of top soil versus two. Thanks Chris

Chris Williams
District 1 Supervisor

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Tue 1/30/2007 8:26 PM
To: Williams, Chris, EMNRD
Cc: Randy Barnes; Drew Hall ; Amy C. Ruth; Jennifer Gilkey; Jay Baker
Subject: Closure-Hess Chevron BV Culp Battery #17

Chris,

This is to confirm our conversation on the morning of January 24, 2007 concerning the closure of the Hess Corp. Former Chevron BV Culp Battery #17 excavation site. As agreed, Hess is not required to excavate any further and will close the excavation by backfilling the excavation with clean caliche up to two (2) feet below ground surface. The remaining two (2) feet of the excavation will be backfilled with clean top soil. A final report detailing all site activities and laboratory data will be submitted to the NMOCD. I have attached the closing soil sample data that we discussed.

Please reply back via e-mail with your concurrence.

I appreciate your help in this matter. If you have any questions, please contact either myself or Amy Ruth at our office (505-397-6388).

Thanks,

Cliff

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by collect telephone call to (505) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

2/15/2007

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland Blvd.
Hobbs, NM 88240 USA
Phone: (505) 397-6388
Fax: (505) 397-0397
E-mail: cbrunson@bbcinternational.com
Web: www.bbcinternational.com

--

No virus found in this outgoing message.

Checked by AVG.

Version: 7.5.441 / Virus Database: 268.17.12/653 - Release Date: 1/26/2007 11:11 AM

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient (s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

--

No virus found in this outgoing message.

Checked by AVG.

Version: 7.5.441 / Virus Database: 268.17.19/663 - Release Date: 2/1/2007 2:28 PM

2/15/2007

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	Hess Corporation	Contact	Randy Barnes
Address	P.O. Box 840, Seminole, TX 79360	Telephone No.	(432) 758-6778
Facility Name	Chevron BV Culp Battery #17	Facility Type	Abandoned Tank Battery
Surface Owner	Jim Cooper Fee	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
A	19	19S	37E					

Latitude 32° 38' 59.9" Longitude 103° 17' 12.0"

NATURE OF RELEASE

Type of Release	Historical	Volume of Release	Unknown	Volume Recovered	Unknown
Source of Release	Unknown	Date and Hour of Occurrence	Unk	Date and Hour of Discovery	Unknown
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. 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, samples were collected to confirm compliance to guidelines. The site was backfilled with clean soil, contoured, and will be 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: 		OIL CONSERVATION DIVISION	
Printed Name: Amy C. Ruth		Approved by District Supervisor: 	
Title: Environmental Scientist		Approval Date: 2/16/07	Expiration Date:
E-mail Address: amy@bbcinternational.com		Conditions of Approval:	
Date: 2/15/07 Phone: (505) 397-6388		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

Facility - PAC0705026179
Incident - PAC0705026323

application - PAC0705026401

IRP1206