



HESS CORPORATION

TEXACO "J" STATE BATTERY #15 LEA COUNTY, NEW MEXICO

RP# 1109

SITE CLOSURE REPORT

PREPARED BY:

BBC INTERNATIONAL, INC.
WORLD-WIDE ENVIRONMENTAL SPECIALISTS
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HOBBS, NEW MEXICO 88240
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October 12, 2006

PREPARED FOR:

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

Hess Corporation

Texaco "J" State Battery #15

1.0 INTRODUCTION

The subject site is north of Monument, New Mexico in Lea County in Unit Letter L and M, 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 entire site measures approximately 70,000 square feet. There is one 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 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 of the battery location began on April 24, 2006. The burn pit was located approximately 150 feet south of the battery location on May 12, 2006. Excavation of the burn pit began on May 23, 2006.

NMOCD was notified on June 7, 2006 of drilling and sampling to occur at the site burn pit on June 9, 2006.

On June 9, 2006, BBC personnel drilled five (5) soil borings at the burn pit which was excavated to 10 feet below ground surface (bgs). A borehole was placed in the center floor of the pit and four (4) boreholes were placed in the area immediately surrounding the pit. Soil samples were collected from each borehole at 3 bgs, 5 feet bgs, and at every five foot interval thereafter. BBC screened all samples with a photoionization detector (PID) and field chloride tests. Samples were submitted to a laboratory for analyses depending on screen results, as were all samples from the 20 foot bgs range. A total of 16 samples from the burn pit were analyzed for total petroleum hydrocarbons (TPH) – gasoline range organics (GRO)/diesel range organics (DRO), chloride, and benzene-toluene-

ethylbenzene-xylene (BTEX). At SB1 in the center floor of the pit, four (4) samples were submitted for analyses. The sample at 3 feet bgs contained 1,970 ppm GRO, 10,700 ppm DRO, 80 ppm chlorides, 0.289 ppm benzene, 0.125 ppm toluene, 0.290 ppm ethylbenzene, and 2.700 ppm total xylenes. The 5 foot bgs sample contained 1,420 ppm GRO, 7,040 ppm DRO, 48 ppm chlorides, non-detectable levels of benzene, 0.723 ppm toluene, 1.535 ppm ethylbenzene, and 7.018 ppm total xylenes. The sample at 10 feet bgs had 516 ppm GRO, 3,430 ppm DRO, 48 ppm chlorides, 0.194 ppm benzene, 0.096 ppm toluene, 0.582 ppm ethylbenzene, and 1.900 ppm total xylenes. The 20 foot bgs sample had 120 ppm GRO, 2,030 ppm DRO, 96 ppm chlorides, 0.007 ppm benzene, 0.006 ppm toluene, 0.018 ppm ethylbenzene, and 0.060 ppm total xylenes. At SB2 on the northwest side of the pit, four (4) samples were submitted for analyses. The sample at 5 feet bgs was non-detect for GRO and DRO, contained 208 ppm chlorides, and was non-detect for BTEX. The 10 foot bgs sample was non-detect for GRO and DRO, had 32 ppm chlorides, and was non-detect for BTEX. The sample at 20 feet bgs was non-detect for GRO and DRO, had 16 ppm chlorides, and was non-detect for BTEX. The 25 foot bgs sample contained non-detectable levels of GRO, 32.7 ppm DRO, 32 ppm chlorides, and non-detectable levels of BTEX. SB3 was drilled on the west side of the burn pit, and 6 samples were submitted for analyses. The 3 foot bgs sample contained non-detectable levels of GRO, 112 ppm DRO, 304 ppm chlorides, and non-detectable levels of BTEX. The sample at 5 feet bgs was non-detect for GRO and DRO, had 832 ppm chlorides, and was non-detect for BTEX. The sample a 10 feet bgs was non-detect for GRO, contained 6,160 ppm DRO, 368 ppm chlorides, and was non-detect for BTEX. The 15 foot bgs sample was non-detect for GRO and DRO, had 3,007 ppm chlorides, and was non-detect for BTEX. The sample at 20 feet bgs was non-detect for GRO and DRO, contained 4,447 ppm chlorides, and was non-detect for BTEX. The 23 foot bgs sample was non-detect for GRO and DRO, had 1,200 ppm chlorides, and was non-detect for BTEX. SB4 was drilled on the south side of the burn pit, and a 20 foot bgs sample was submitted for analyses. GRO and DRO were non-detect, chlorides were 48 ppm, and BTEX was non-detect. SB5 was drilled on the southeast side of the burn pit, and a 20 foot bgs sample was submitted for analyses. GRO and DRO were non-detect, chlorides were 32 ppm, and BTEX was non-detect. 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 email correspondences can be found in **Appendix IV**.

BBC notified NMOCD on June 12, 2006 of final sampling to take place at the battery excavation on June 14, 2006. Six (6) soil samples were collected and submitted to a laboratory for analyses. The samples were all taken at a depth no greater than 1 foot bgs. GRO and DRO were non-detect in all samples, chlorides ranged from non-detect to 128 ppm, and BTEX was non-detect in all samples.

On June 20, 2006, BBC notified NMOCD of results for samples collected from the battery excavation, and that backfill of the battery would begin on June 23, 2006.

On June 26, 2006, a flare line area was excavated to about 1 foot bgs, and BBC collected 3 samples from the floor of the excavation. GRO was non-detect in all samples, DRO ranged from non-detect to 45.3 ppm, chlorides ranged from 16 ppm to 48 ppm, and BTEX was non-detect in all samples.

On July 3, 2006, NMOCD was notified that BBC would collect closing samples from the flare line excavation on July 6, 2006. Laboratory analyses showed that GRO was non-detect for all samples, DRO ranged from non-detect to 93.5 ppm, chlorides ranged from non-detect to 32 ppm, and BTEX was non-detect for all samples except the center sample in which toluene was 0.010 ppm.

Notification of laboratory results for the flare line closing samples was sent to NMOCD on July 11, 2006 along with a statement that the flare line excavation would be backfilled on July 14, 2006.

On July 5, 2006 BBC sent an email to NMOCD confirming an agreement to backfill the burn pit. NMOCD approved the backfill the same day. Hess was not required to excavate further. The excavation was backfilled with clean caliche up to four (4) feet bgs. A compacted clay layer of one (1) foot thickness was installed. The remaining three (3) feet of the excavation was backfilled with clean topsoil.

Site excavation was completed on June 16, 2006, and 6,656 yards of contaminated soil was hauled to a landfarm. Backfilling and contouring was completed with a total of 4,636 yards of clean soil on August 2, 2006. The site was seeded on September 25, 2006.

4.0 CONCLUSION

According to the Office of the State Engineer, depth to groundwater is less than 50 feet. There is one water source and no 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

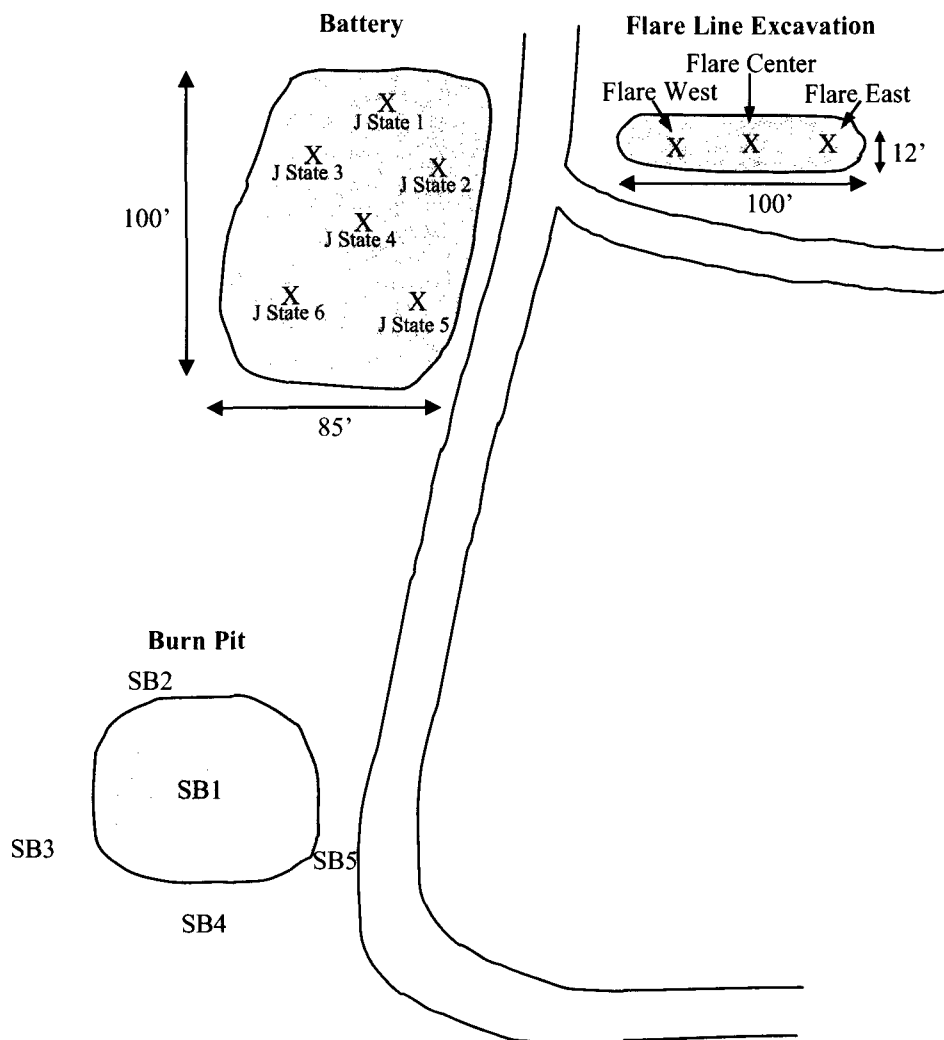
Texaco "J" State Battery #15 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

October, 2006

Prepared by:
BBC International, Inc.

HESS CORPORATION TEXACO "J" STATE BATTERY #15



LEGEND

SB Soil Boring
X Sample Points

BBC INTERNATIONAL, INC.

HESS CORPORATION
TEXACO "J" STATE BATTERY #15

Date: 8-25-06

Drawn By: JG

Disk:

Sheet 1 of 1 Sheets

Scale: Not to Scale

File Name

APPENDIX II

Laboratory Analytical Results

Texaco "J" State Battery #15
Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

October, 2006

Prepared by:
BBC International, Inc.



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ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC
ATTN: CLIFF BRUNSON
1324 WEST MARLAND
HOBBS, NM 88240
FAX TO 505-397-0397

Receiving Date: 6/12/06
Project Owner: AMERADA HESS
Project Number: MONUM 06ES001
Project Name: TEXACO NM J STATE BATTERY #15
Project Location: MONUMENT, NM
Reporting Date: 6/16/06

Sampling Dates: 6/9/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: JC

LAB ID	SAMPLE ID	GRO	DRO	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES
		C6-C12 (mg/kg)	>C12-C28 (mg/kg)				
H11214-1	SB1 3'	1970	10700	0.289	0.125	0.290	2.700
H11214-2	SB1 5'	1420	7040	<0.010	0.723	1.535	7.018
H11214-3	SB1 10'	516	3430	0.194	0.096	0.582	1.900
H11214-4	SB1 20'	120	2030	0.007	0.006	0.018	0.060
H11214-5	SB2 5'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-6	SB2 10'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-7	SB2 20'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-8	SB3 3'	<50.0	112	<0.002	<0.002	<0.002	<0.006
H11214-9	SB3 5'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-10	SB3 10'	<50.0	6160	<0.002	<0.002	<0.002	<0.006
H11214-11	SB3 15'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-12	SB3 20'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-13	SB3 23'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-14	SB4 20'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
H11214-15	SB5 20'	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006

GRO/DRO
Total
(mg/kg)

Extraction Date:	06/15/06	06/15/06	06/15/06	06/15/06	06/15/06	06/15/06	06/15/06
Analysis Date:	06/15/06	06/15/06	06/15/06	06/15/06	06/15/06	06/15/06	06/15/06
Method Blank	<50.00	<50.00	<50.00	<0.002	<0.002	<0.002	<0.006
LCS				0.100	0.110	0.110	0.325
True Value LCS				0.100	0.100	0.100	0.300
LCS % Recovery				100%	110%	110%	108%
Matrix Spike (MS)			449				
Matrix Spike Dup (MSD)			387				
True Value Matrix Spike			400				
MS % Recovery			112.0%				
MSD % Recovery			96.7%				
Matrix Spike RPD			14.9%	11.0%	11.4%	6.8%	6.3%

FLAGS:

Methods: TPH 8015 M; BTEX-MTBE SW-846 8021B, 5030B

Chemist

Date

H11214BTEX-TPH SOIL[1].xls

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ANALYTICAL RESULTS FOR
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HOBBS, NM 88241
FAX TO: (505) 397-0397

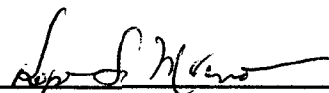
Receiving Date: 06/12/06
Reporting Date: 06/15/06
Project Owner: AMERADA HESS
Project Name: TEXACO NM J STATE BATTERY #15
Project Location: MONUMENT, NM

Analysis Date: 06/12/06
Sampling Date: 06/09/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: AB

LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H11214-1	SB1 3'	80
H11214-2	SB1 5'	48
H11214-3	SB1 10'	48
H11214-4	SB1 20'	96
H11214-5	SB2 5'	208
H11214-6	SB2 10'	32
H11214-7	SB2 20'	16
H11214-8	SB3 3'	304
H11214-9	SB3 5'	832
H11214-10	SB3 10'	368
Quality Control		990
True Value QC		1000
% Recovery		99
Relative Percent Difference		0.0

METHOD: Standard Methods 4500-Cl⁻B

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


Chemist

06-15-06
Date

H11214

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Receiving Date: 06/12/06
Reporting Date: 06/15/06
Project Owner: AMERADA HESS
Project Name: TEXACO NM J STATE BATTERY #15
Project Location: MONUMENT, NM

Analysis Date: 06/12/06
Sampling Date: 06/09/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: AB

LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H11214-11	SB3 15'	3007
H11214-12	SB3 20'	4447
H11214-13	SB3 23'	1200
H11214-14	SB4 20'	48
H11214-15	SB5 20'	32
Quality Control		990
True Value QC		1000
% Recovery		99
Relative Percent Difference		0.0

METHOD: Standard Methods	4500-CIB
--------------------------	----------

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

06-15-06
Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: <u>BBC International, Inc.</u>		P.O. # <u>45-157156</u>		ANALYSIS REQUEST	
Project Manager: <u>Cliff Brunsen</u>		Company: <u>Amerada Hess</u>			
Address: <u>1324 W. Marland</u>		Attn: <u>Randy Barnes</u>			
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>			
Phone #: <u>505-397-6388</u> Fax #: <u>505-397-0397</u>		City: <u>Seminole</u>			
Project #: <u>MONUM 06ES001</u> Project Owner: <u>Amerada Hess</u>		State: <u>TX</u> Zip: <u></u>			
Project Name: <u>Texas NM J State Battery #15</u>		Phone #: <u></u>			
Project Location: <u>Monument</u>		FBX #: <u></u>			
Sampler Name: <u>Amy Ruth</u>					

Lab I.D.	Sample I.D.	MATRIX				PRESERV.		SAMPLING		DATE	TIME	OTHER:	ICE/COOL	ACID/BASE:	OTHER:	SLUDGE	CRUDE OIL	SOIL	WASTEWATER	GROUNDWATER	# CONTAINERS	(G)FAS OR (C)OMP.	
		GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL														OTHER:
H11214-1	SB1 3'									6/9/06	914												
-2	SB1 5'									6/9/06	923												
-3	SB1 10'									6/9/06	933												
-4	SB1 20'									6/9/06	1010												
-5	SB2 5'									6/9/06	1106												
-6	SB2 10'									6/9/06	1114												
-7	SB2 20'									6/9/06	1137												
-8	SB3 3'									6/9/06	1412												
-9	SB3 5'									6/9/06	1418												
-10	SB3 10'									6/9/06	1426												

PLEASE NOTE: Laboratory and Cardinal Laboratory and do not warrant results for any claim arising from this report. The report is based on the information provided by the client. The client is responsible for the accuracy of the information provided. The report is not to be used for legal purposes. The report is not to be used for insurance purposes. The report is not to be used for litigation purposes. The report is not to be used for any other purpose.

30 days past due at the rate of 1.5% per annum from the original date of invoice. And all costs of collection, including attorney's fees.

Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____

Checked By: _____ (Initials)

Sample Condition: Cool ☐ Intact ☐ Yes ☐ No ☐

Sampler: UPS • Bus • Other:

Remarks: _____

CARDINAL LABORATORIES, INC.

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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: 06/14/06
Reporting Date: 06/16/06
Project Owner: HESS CORP.
Project Name: TEXACO J STATE BATTERY 15
Project Location: MONUMENT, NM

Sampling Date: 06/09/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		06/15/06	06/15/06	06/14/06
H11225-1	SB2 25'	<10.0	32.7	32
Quality Control		769	785	990
True Value QC		800	800	1000
% Recovery		96.1	98.1	99.0
Relative Percent Difference		5.0	0.4	1.0

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

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

Burgess & Co. Inc.
Chemist

6/16/06
Date

H11225A

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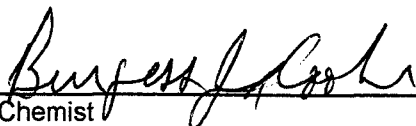
ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 06/14/06
Reporting Date: 06/16/06
Project Owner: HESS CORP.
Project Name: TEXACO J STATE BATTERY 15
Project Location: MONUMENT, NM

Sampling Date: 06/09/06
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		06/15/06	06/15/06	06/15/06	06/15/06
H11225-1	SB2 25'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.096	0.092	0.095	0.293
True Value QC		0.100	0.100	0.100	0.300
% Recovery		95.7	92.3	95.4	97.5
Relative Percent Difference		5.4	0.7	4.7	4.7

METHOD: EPA SW-846 8260


Chemist

6/16/06
Date

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Page 1 of 1

ANALYSIS REQUEST

[illegible]

Sample ID	Lab I.D.	Sample I.D.	(G) PAB OR (C) OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	PRESERV.	SAMPLING	DATE	TIME
HL155-1982	25'	Sample I.D.	15	1			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				6/9/06	11:16am

[illegible][illegible]

Date: _____ Time: _____		Date: <u>6/14/06</u> Time: <u>8:02 am</u>		Received By: <u>Lab Staff</u> <u>[Signature]</u>		Checked By: _____ (Initials)	
Relinquished By: _____ <u>[Signature]</u>		Delivered By: (Circle One) <u>Driver</u>		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Phone # _____ Fax # _____ Remarks _____	

4. Confirmed account recent verbal changes Please fax written changes to 505-393-2476.



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HOBBS, NM 88241
FAX TO: (505) 397-0397

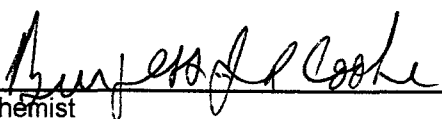
Receiving Date: 06/14/06
Reporting Date: 06/16/06
Project Number: MONUM06ES001
Project Name: TEXACO NM J STATE BATTERY 15
Project Location: MONUMENT, NM

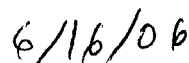
Sampling Date: 06/14/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		06/16/06	06/16/06	06/14/06
H11229-1	J STATE 1	<10.0	<10.0	128
H11229-2	J STATE 2	<10.0	<10.0	32
H11229-3	J STATE 3	<10.0	<10.0	<16
H11229-4	J STATE 4	<10.0	<10.0	<16
H11229-5	J STATE 5	<10.0	<10.0	<16
H11229-6	J STATE 6	<10.0	<10.0	<16
Quality Control		778	763	990
True Value QC		800	800	1000
% Recovery		97.3	95.4	99.0
Relative Percent Difference		3.5	7.5	1.0

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

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


Chemist


Date

H11229A

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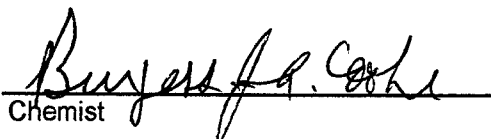
ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 06/14/06
Reporting Date: 06/16/06
Project Number: MONUM06ES001
Project Name: TEXACO NM J STATE BATTERY 15
Project Location: MONUMENT, NM

Sampling Date: 06/14/06
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		06/15/06	06/15/06	06/15/06	06/15/06
H11229-1	J STATE 1	<0.005	<0.005	<0.005	<0.015
H11229-2	J STATE 2	<0.005	<0.005	<0.005	<0.015
H11229-3	J STATE 3	<0.005	<0.005	<0.005	<0.015
H11229-4	J STATE 4	<0.005	<0.005	<0.005	<0.015
H11229-5	J STATE 5	<0.005	<0.005	<0.005	<0.015
H11229-6	J STATE 6	<0.005	<0.005	<0.005	<0.015
Quality Control		0.096	0.092	0.095	0.293
True Value QC		0.100	0.100	0.100	0.300
% Recovery		95.7	92.3	95.4	97.5
Relative Percent Difference		5.4	0.7	4.7	4.7

METHOD: EPA SW-846 8260


Chemist

6/16/06
Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 1 of 1

Company Name: BBC International		Project Manager: Cliff Brownson		Address: 1324 W. Marland		City: Hobbs		State: NM Zip: 88240		Phone #: 505-397-6388		Fax #: 505-397-0397		Project #: MONM0606001 Project Owner: Hess Corp.		Project Name: Texaco NM State Battery 15		Project Location: Monument		FOR LAB USE ONLY	
Company: Hess Corp.		Attn: Randy Barnes		Address:		City: Seminole		State: TX		Zip:		Phone #:		Fax #:							
BILITIO		PO # 45-15794																			
LAB I.D.		Sample I.D.		# CONTAINERS		MATRIX		PRES.		SAMPLING		DATE		TIME							
H1329-1		J State 1		1		GROUNDWATER		✓		✓		6/14/06		850							
-2		J State 2		1		WASTEWATER		✓		✓		6/14/06		855							
-3		J State 3		1		SLUDGE		✓		✓		6/14/06		900							
-4		J State 4		1		OIL		✓		✓		6/14/06		903							
-5		J State 5		1		SOIL		✓		✓		6/14/06		906							
-6		J State 6		1		GROUNDWATER		✓		✓		6/14/06		909							



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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

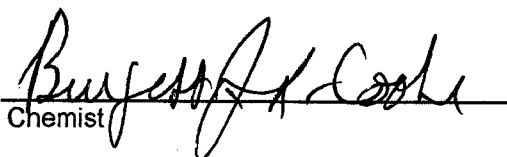
Receiving Date: 06/27/06
Reporting Date: 06/30/06
Project Number: MONUM 06ES001
Project Name: J-STATE
Project Location: MONUMENT, NM

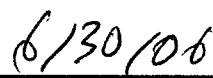
Sampling Date: 06/26/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		06/28/06	06/28/06	06/29/06
H11288-1	FLARE LINE WEST 1'	<10.0	45.3	48
H11288-2	FLARE LINE CENTER 1'	<10.0	37.2	16
H11288-3	FLARE LINE EAST 1'	<10.0	<10.0	32
Quality Control		763	750	960
True Value QC		800	800	1000
% Recovery		95.3	93.8	96.0
Relative Percent Difference		5.5	6.4	3.1

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

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


Chemist


Date

H11288A

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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: 06/27/06
Reporting Date: 06/30/06
Project Number: MONUM 06ES001
Project Name: J-STATE
Project Location: MONUMENT, NM

Sampling Date: 06/26/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		06/29/09	06/29/06	06/29/06	06/29/06
H11288-1	FLARE LINE WEST 1'	<0.005	<0.005	<0.005	<0.015
H11288-2	FLARE LINE CENTER 1'	<0.005	<0.005	<0.005	<0.015
H11288-3	FLARE LINE EAST 1'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.091	0.098	0.092	0.300
True Value QC		0.100	0.100	0.100	0.300
% Recovery		91	98.1	92	100
Relative Percent Difference		9.8	1.7	5.9	1.9

METHOD: EPA SW-846 8260

Chemist

Date

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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. # <u>45-157156</u>		ANALYSIS REQUEST	
Project Manager: <u>Cliff Brunson</u>		Company: <u>Hess Corp.</u>			
Address: <u>1324 W. Marland</u>		Attn:			
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>			
Phone #: <u>505-397-6388</u> Fax #: <u>505-397-0397</u>		Address:			
Project #: <u>MONUM 06ES001</u> Project Owner: <u>Hess Corp.</u>		City: <u>Seminole</u>			
Project Name: <u>J. STATE</u>		State: <u>TX</u> Zip:			
Project Location: <u>Monument</u>		Phone #:			
Sampler Name: <u>Amy Ruth</u>		Fax #:			

Lab I.D.	Sample I.D.	MATRIX				PRESERV.	SAMPLING	DATE	TIME	OTHER:
		GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL					
411288-1	Floor line West 1'	✓						6-26-06	15:59	✓ Chloride
-2	Floor line Center 1'	✓						6-26-06	16:02	✓ TPH (GPD/LRO) 8015M
-3	Floor line East 1'	✓						6-26-06	16:05	✓ BTEX

PLEASE NOTE: Laboratory and equipment are subject to change without notice. Samples must be submitted to the laboratory within 30 days of collection. Samples must be submitted to the laboratory within 30 days of collection. Samples must be submitted to the laboratory within 30 days of collection.

Sampler Relinquished: [Signature] Date: 6/27/06 Time: 11:20 am

Relinquished By: [Signature] Date: 6-27-06 Time:

Received By: [Signature] Date: 6-27-06 Time:

Delivered By: (Circle One) UPS ☐ Bus ☐ Other ☐

Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No

Checked By: [Signature] (Initials)

Remarks:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478.



ARDINAL LABORATORIES

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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: 07/06/06
Reporting Date: 07/10/06
Project Number: MONUM 06ES001
Project Name: TEXACO J STATE BATTERY 15
Project Location: MONUMENT, NM

Sampling Date: 07/06/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
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		07/08/06	07/08/06	07/07/06
H11321-1	FLARE WEST 1'	<10.0	93.5	32
H11321-2	FLARE CENTER 1'	<10.0	27.0	<16
H11321-3	FLARE EAST 1'	<10.0	<10.0	<16
Quality Control		771	793	960
True Value QC		800	800	1000
% Recovery		96.4	99.2	96.0
Relative Percent Difference		3.5	0.9	4.2

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

H11321A

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.



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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: 07/06/06
Reporting Date: 07/10/06
Project Number: MONUM 06ES001
Project Name: TEXACO J STATE BATTERY 15
Project Location: MONUMENT, NM

Sampling Date: 07/06/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		07/08/06	07/08/06	07/08/06	07/08/06
H11321-1	FLARE WEST 1'	<0.005	<0.005	<0.005	<0.015
H11321-2	FLARE CENTER 1'	<0.005	0.010	<0.005	<0.015
H11321-3	FLARE EAST 1'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.102	0.101	0.102	0.292
True Value QC		0.100	0.100	0.100	0.300
% Recovery		102	101	102	97.5
Relative Percent Difference		2.0	1.2	1.7	2.6

METHOD: EPA SW-846 8260


Chemist

7/10/06
Date

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APPENDIX III

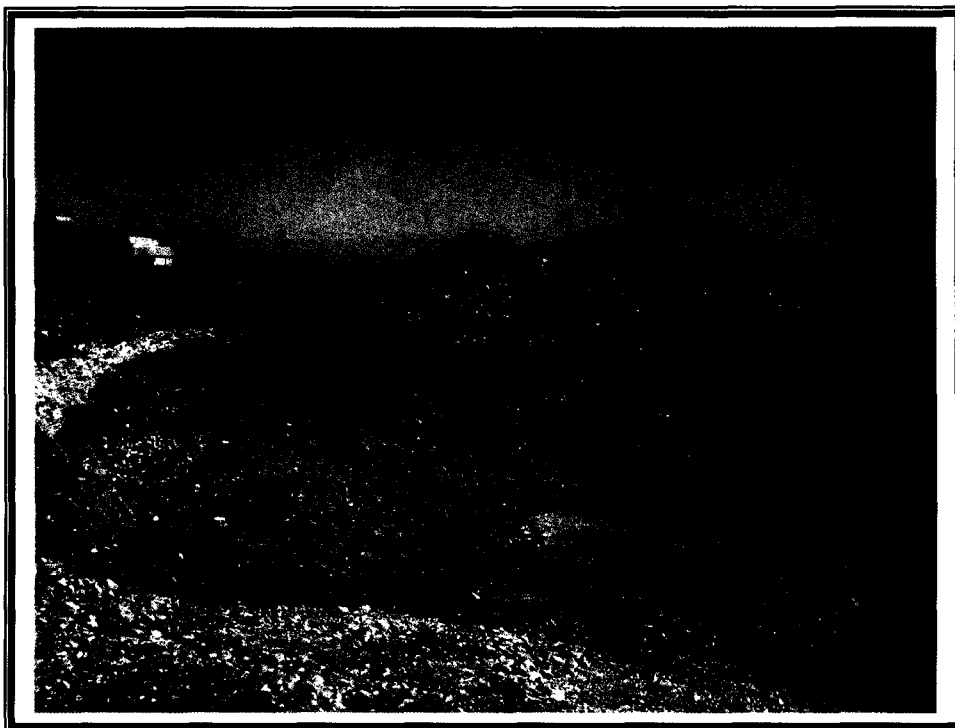
Site Photographs

Texaco "J" State Battery #15 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

October, 2006

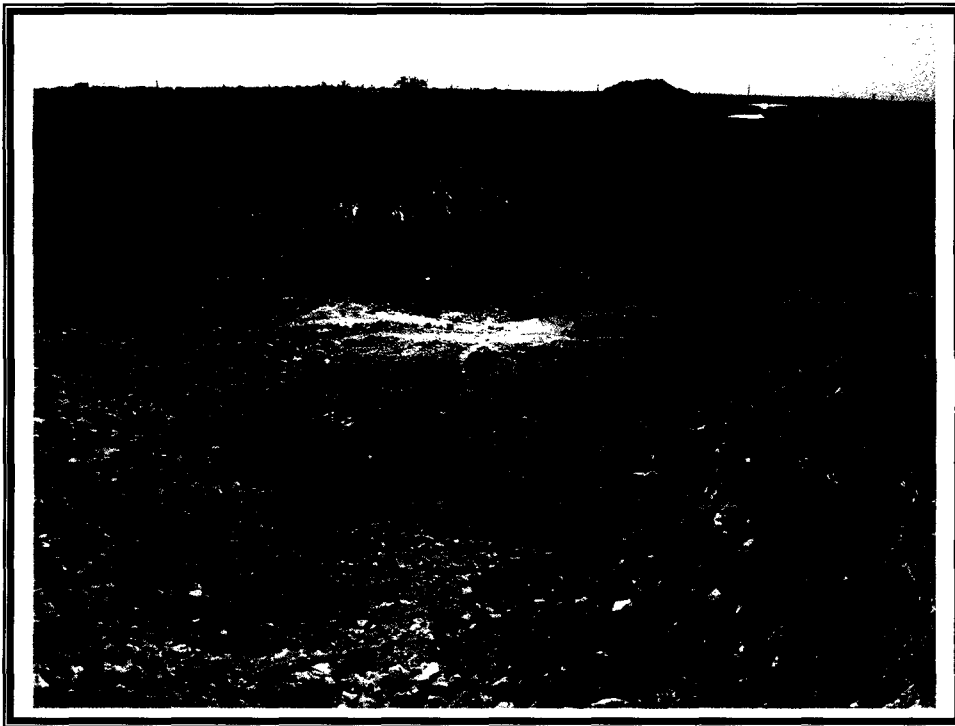
Prepared by:
BBC International, Inc.



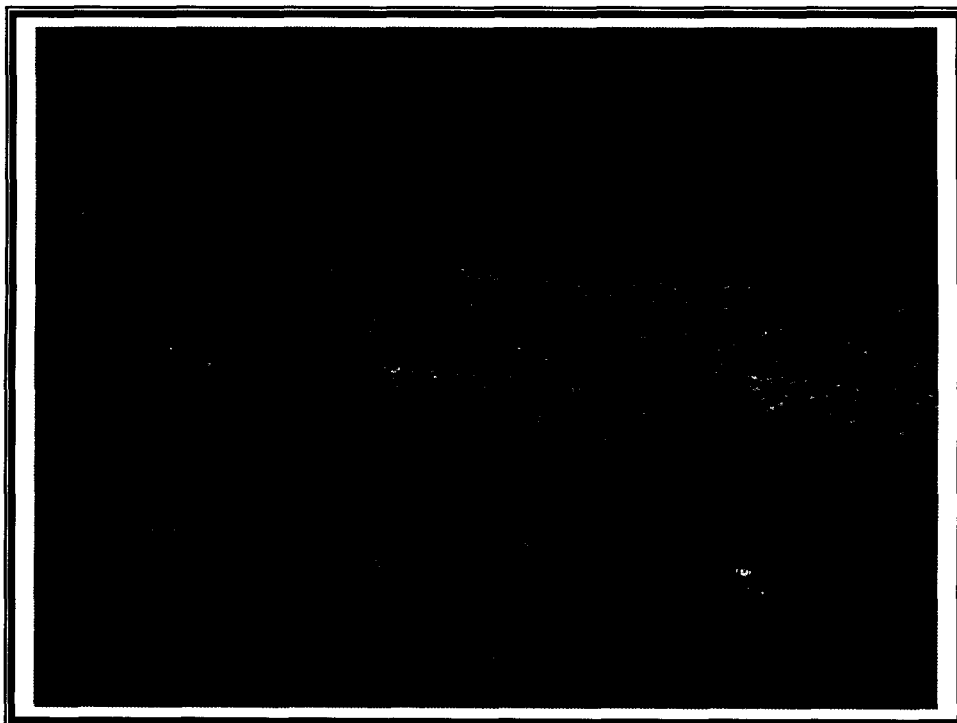
Texaco "J" State Battery #15 burn pit excavation



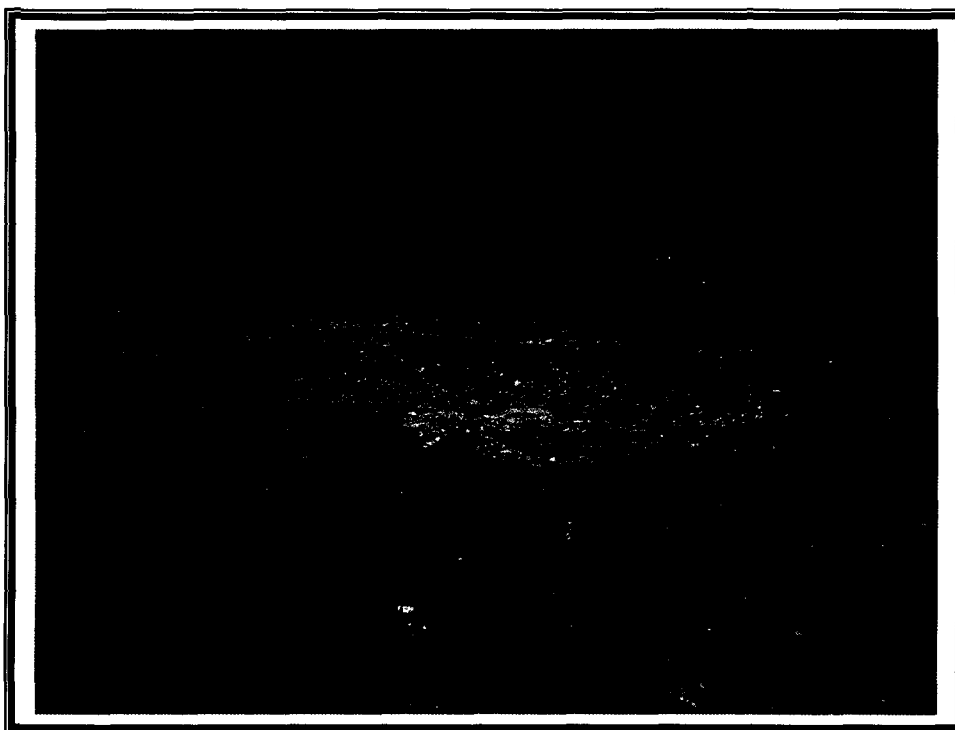
Texaco "J" State Battery #15 burn pit excavation



Texaco "J" State Battery #15 burn pit excavation



Texaco "J" State Battery #15 tank battery excavation



Texaco "J" State Battery #15 tank battery excavation



Texaco "J" State Battery #15 tank battery excavation



Texaco "J" State Battery #15 flare line area before excavation



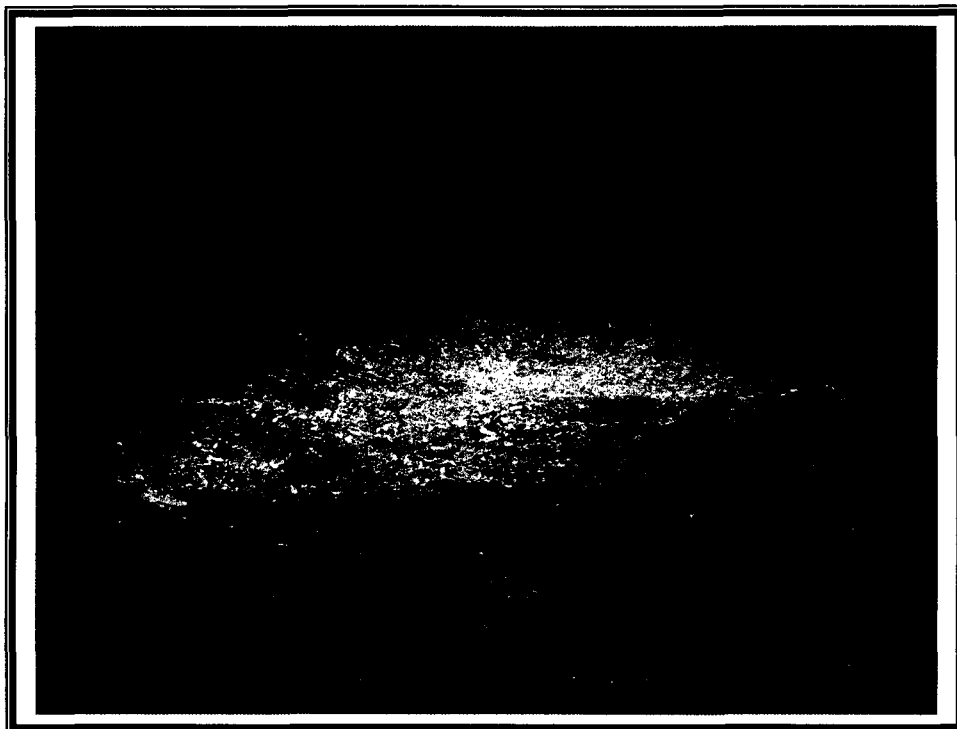
Texaco "J" State Battery #15 burn pit excavation



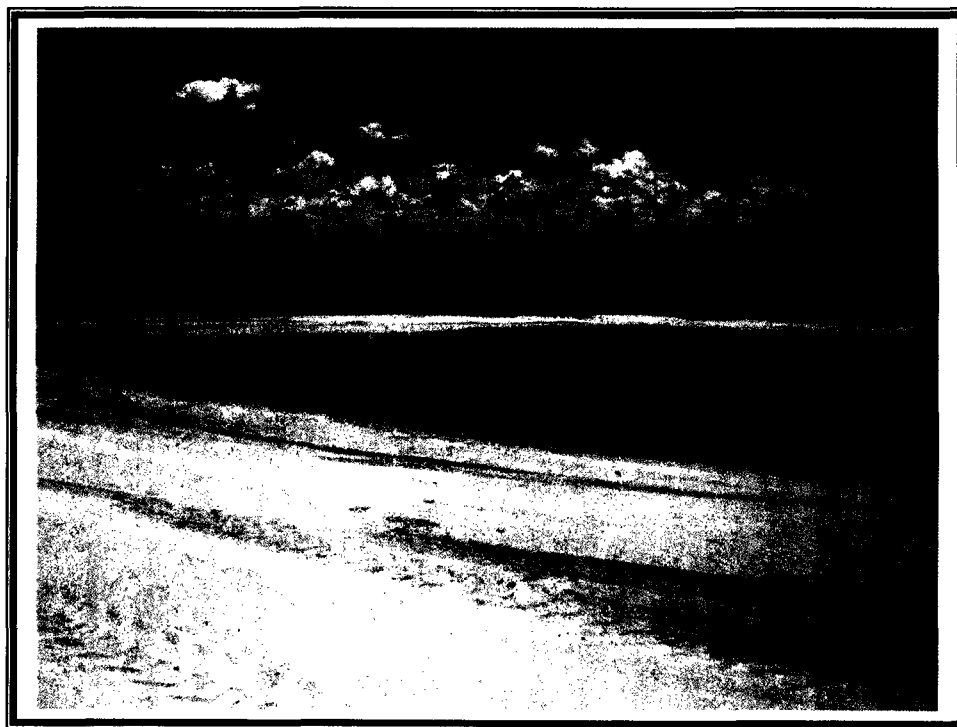
Texaco "J" State Battery #15 burn pit excavation



Texaco "J" State Battery #15 backfilled tank battery

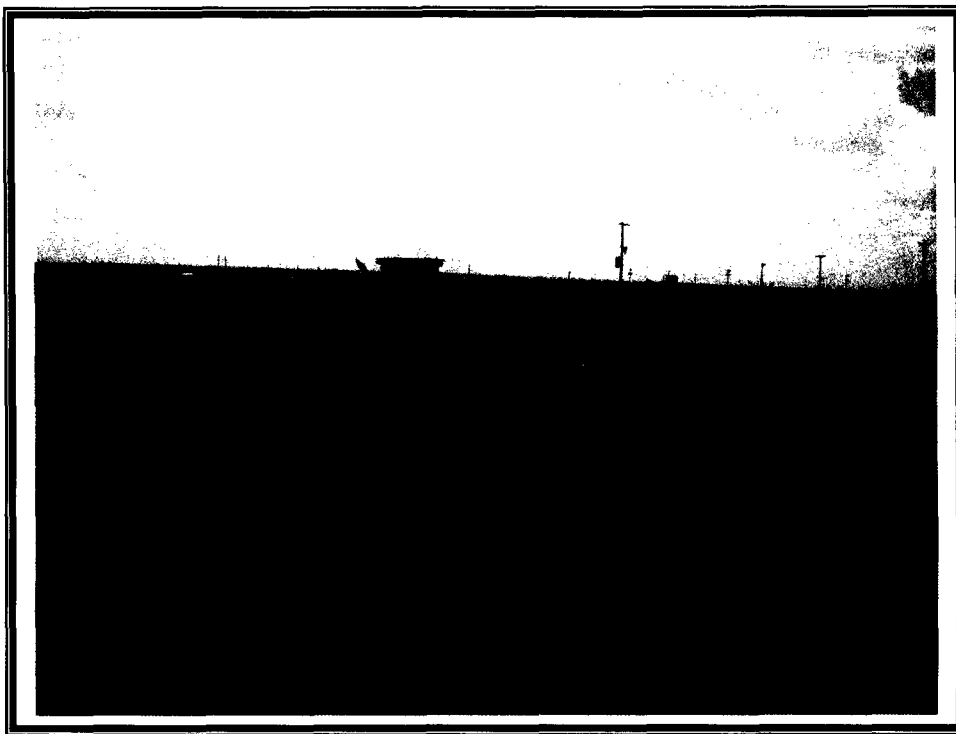


Texaco "J" State Battery #15 flare line area before excavation

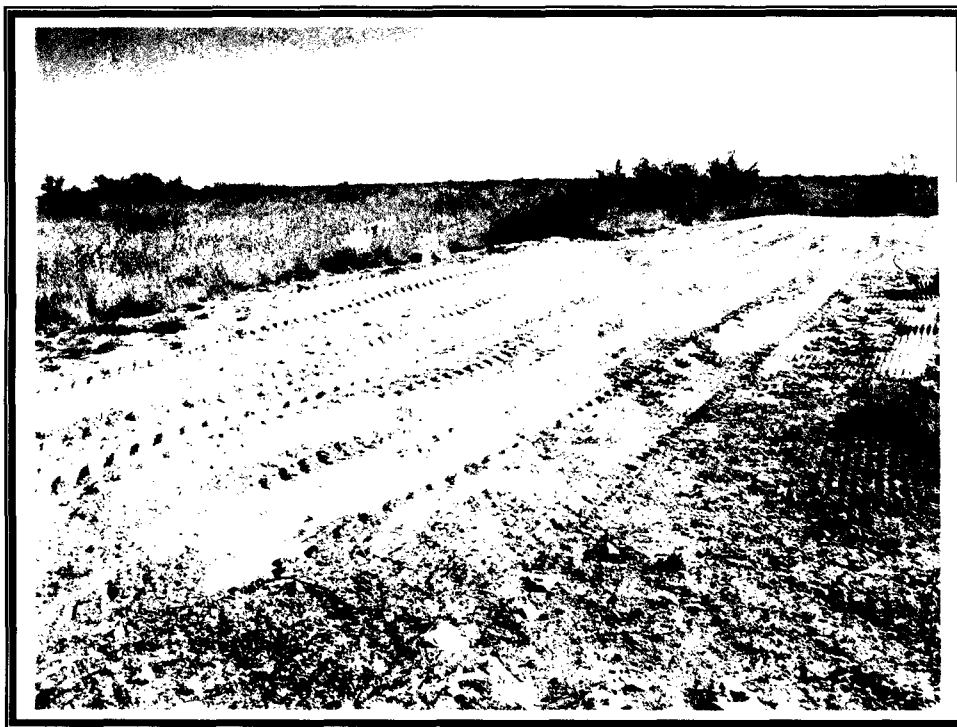


Texaco "J" State Battery #15 burn pit clay liner

Texaco “J” State Battery #15 burn pit clay liner—addition of water for compaction



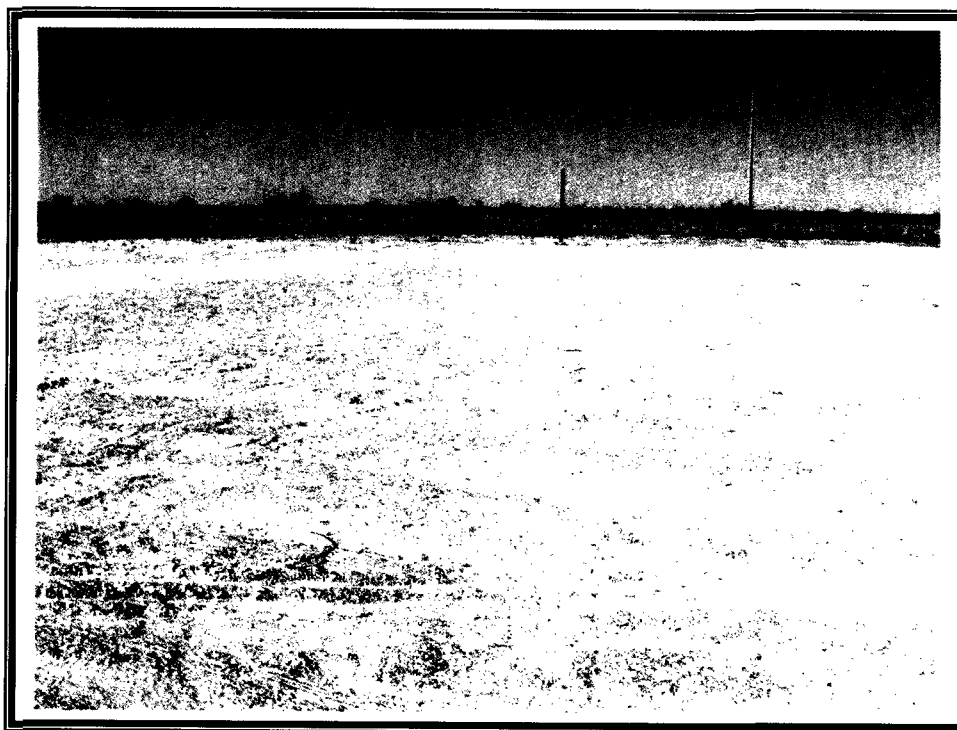
Texaco "J" State Battery #15 clay liner compaction



Texaco "J" State Battery #15 flare line area after reseeding



Texaco "J" State Battery #15 tank battery area after reseeding



Texaco "J" State Battery #15 burn pit area after reseeding

APPENDIX IV

Correspondences

Texaco "J" State Battery #15 Monument, New Mexico

Prepared for:
Hess Corporation
Seminole, Texas

October, 2006

Prepared by:
BBC International, Inc.

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Wednesday, June 07, 2006 3:55 PM
To: 'psheeley@state.nm.us'
Cc: 'drewhall@hess.com'; 'Small, Sam'; 'Barnes, Randy'; Jennifer (jgilkey@bbcinternational.com)
Subject: Sampling Event Updates - Hess Corporation Abandoned Tank Batteries

Paul,

Soil boring sampling that began yesterday on the Texaco State G Lact Unit Battery 22 will need to continue tomorrow, June 8, 2006, beginning at 8:00 am. Therefore, soil boring sampling of the Texaco NM J State Battery 15 burn pit may take place as soon as Thursday afternoon June 8, 2006 and/or on Friday, June 9, 2006. Both sites are in the vicinity of the Cooper water station on Maddox Road. Please call me if you have questions or need directions. Following is legal information for both sites.

Texaco State G Lact Unit Battery 22
Unit Letter N Sec 19 T19S R37E

Texaco J State Battery 15
Unit Letter L&M Sec 24 T19S R36E

Also, in the email sent to you on Monday June 5, 2006, BBC had scheduled collecting closing samples from the tank battery excavation at the Texaco J State Battery 15. Sampling was to take place on Friday June 9, 2006 at 8:30 am. Sampling of this site will proceed when drilling and sampling of the sites mentioned above are completed. As it stands, closing samples at this location will be collected next week. Details will follow.

Thank you,

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

10/13/2006

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Monday, June 12, 2006 11:10 AM
To: 'psheeley@state.nm.us'
Cc: 'Barnes, Randy'; 'drewhall@hess.com'; 'Small, Sam'; Jennifer (jgilkey@bbcinternational.com); 'Cliff P. Brunson'
Subject: Sampling Event - Hess Corp Abandoned Battery in Monument

Paul,

BBC will collect closing samples at the Texaco NM J State Battery #15 north excavation at 8:30 am on Wednesday, June 14, 2006. This site is located northwest of the intersection of Pearl Valley and Maddox Road. Proceed approximately one half mile west of the Cooper Water Station. Please contact me if you have any questions.

Texaco NM J State Battery #15
Unit Letter L&M Sec 24 T19S R 36E

Thank you,

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

10/13/2006

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Tuesday, June 20, 2006 8:44 AM
To: 'psheeley@state.nm.us'
Cc: 'Barnes, Randy'; 'drewhall@hess.com'; 'Small, Sam'; Jennifer (jgilkey@bbcinternational.com)
Subject: Backfill Event - Hess Corp Abandoned Tank Batteries in Monument

Paul,

BBC has received laboratory analyticals on closing samples taken for Hess Corp. at Texaco J State Battery 15. TPH and BTEX are non-detect and Chlorides are 128 ppm and below. Backfilling of the tank battery excavation will commence Friday June 23, 2006.

Texaco J State Battery 15
Unit Letter L&M Sec 24 T19S R36E

Please call me with any questions.

Thank you,

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

10/13/2006

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Monday, July 03, 2006 1:46 PM
To: 'cwilliams@state.nm.us'
Cc: Sheeley, Paul, EMNRD; 'Barnes, Randy'; 'drewhall@hess.com'; 'Cliff P. Brunson'; Jennifer (jgilkey@bbcinternational.com)
Subject: Sampling Event - Hess Corp Abandoned Battery in Monument

Chris,

On behalf of Hess Corporation, BBC will collect closing samples from the flare line area of the Texaco J State Battery 15 at 8:30 am on Thursday July 8, 2006. This site is located northwest of the intersection of Pearl Valley and Maddox Road. Proceed approximately one half mile west of the Cooper Water Station. Please contact me if you have any questions.

Texaco NM J State Battery #15
Unit Letter L&M Sec 24 T19S R 36E

Thank you,

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

10/13/2006

Amy C. Ruth

From: Amy C. Ruth [Amy@bbcinternational.com]
Sent: Tuesday, July 11, 2006 5:39 PM
To: 'cwilliams@state.nm.us'
Cc: Sheeley, Paul, EMNRD; 'Barnes, Randy'; 'drewhall@hess.com'; 'Cliff P. Brunson'; Jennifer (jgilkey@bbcinternational.com)
Subject: Backfill Event - Hess Corp Abandoned Battery in Monument

Chris,

On behalf of Hess Corporation, this is to inform you that laboratory results for closing samples taken at the Texaco J State Battery 15 flare line excavation show that TPH levels did not exceed 93.5 ppm, chlorides were 32 ppm or less, and BTEX was non-detect in all samples except the center sample in which toluene was present at 0.010 ppm. As these results are within guidelines, the excavation will be backfilled on Friday, July 14, 2006. If you have any questions, please contact me.

Thank you,

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

10/13/2006

Amy C. Ruth

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Thursday, July 06, 2006 10:51 AM
To: Drew Hall ; Randy Barnes; Amy C. Ruth; Jennifer Gilkey
Subject: FW: Hess Corp - Former Texaco "J" State Battery 15

FYI....

From: Williams, Chris, EMNRD [mailto:chris.williams@state.nm.us]
Sent: Thursday, July 06, 2006 7:21 AM
To: Cliff P. Brunson
Cc: Caperton, Patricia, EMNRD
Subject: RE: Hess Corp - Former Texaco "J" State Battery 15

Approved 7/5/06.

Chris Williams
District 1 Supervisor

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Wed 7/5/2006 4:51 PM
To: Williams, Chris, EMNRD
Cc: Drew Hall ; Randy Barnes; Amy C. Ruth; Sheeley, Paul, EMNRD; Jennifer Gilkey
Subject: Hess Corp - Former Texaco "J" State Battery 15

Chris,

This is to confirm our conversation this morning with you and Gary Wink concerning the closure of the Hess Corp. Former Texaco "J" State Battery 15 burn pit excavation. As agreed, Hess is not required to excavate any further and will close the excavation by backfilling the excavation with clean caliche up to four (4) feet below ground surface. A compacted clay cap of one foot thickness will then be installed with the remaining three (3) feet of the excavation to be backfilled with clean top soil. A final report detailing all site activities and laboratory data will be submitted to the NMOC.

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).

Cliff

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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.

10/13/2006

Hobbs, NM 88240 USA
Phone: (505) 397-6388
Fax: (505) 397-0397
E-mail: cbrunson@bbcinternational.com
Web: www.bbcinternational.com

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10/13/2006

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

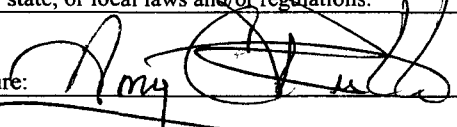
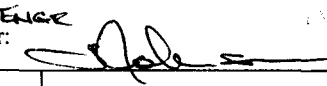
Name of Company	Hess Corporation	Contact	Randy Barnes
Address	P.O. Box 840, Seminole, TX 79360	Telephone No.	(432) 758-6778
Facility Name	Texaco "J" State Battery #15	Facility Type	Abandoned Tank Battery
Surface Owner	Jim Cooper Fee & State	Mineral Owner	
		Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L & M	24	19S	36E					

^{-50'} Latitude 32° 38.422' Longitude 103° 17.600'

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. 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 groundwater, 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: 11-8-06		Expiration Date:	
E-mail Address: amy@bbcinternational.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 10/13/06		Phone: (505) 397-6388			

* Attach Additional Sheets If Necessary

Facility - PPAC0631326306
Incident - PPAC0631326481
Application - PPAC0631326579

RP#1109