

CORRESPONDENCE

MISC.

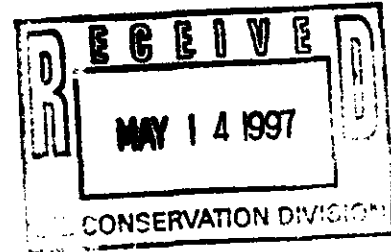
AMERADA HESS CORPORATION

SAMUEL W. SMALL, PE
OFFICE 915/758-6741
FAX 915/758-6768

P.O. BOX 840
SEMINOLE, TEXAS 79360
915/758-6700

May 12, 1997

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 421 645 872**



Mr. William C. Olson
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico

RE: **Ground Water Investigation**
Durham State 'A' Tank Battery
Chevron-Graham NCT 'B' Tank Battery

Dear Mr. Olson

Pursuant to your letter of March 6, 1997, enclosed find the laboratory analytical data sheets requested in conditions (1) and (2). We are not submitting a closure and monitoring status report as requested in condition (4) as we have not yet begun work on the project. Bids have recently been let for the project and we anticipate work starting during the week of May 12, 1997. The Hobbs NMOCD District Office will be notified prior to work starting, as requested in condition (5).

If you have any questions or need additional information, please contact the undersigned at, (915) 758-6741 or at the letterhead address.

Yours truly,

A handwritten signature in cursive script that reads "Samuel Small".

Samuel Small, PE
Environmental Coordinator

xc: NMOCD Hobbs District Office w/ enclosure
Houston Environmental File w/ enclosure
Seminole District Environmental File
Monument File

RECEIVED

MAY 14 1997

Environmental Bureau
Oil Conservation Division



PHONE (813) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 03/18/97
Reporting Date: 03/20/97
Project Number: NOT GIVEN
Project Name: AMERADA HESS
Project Location: CHEVRON NCBT & DURHAM STATE "A"

Sampling Date: 03/18/97
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH/BC

LAB NUMBER	SAMPLE ID	Na ppm	Ca ppm	Mg ppm	K ppm	Cl ppm	SO4 ppm	CO3 ppm	HCO3 ppm
ANALYSIS DATE:		03/20/97	03/19/97	03/19/97	03/19/97	03/19/97	03/19/97	03/19/97	03/19/97
H2854-1	CHEV. NCBT #1	248	155	54	4.1	540	131	0	317
H2854-2	CHEV. NCBT #2	278	155	102	3.9	700	160	0	322
H2854-3	CHEV. NCBT #3	244	179	85	4.2	740	85	0	249
H2854-4	DURH. ST. "A" #1	227	126	41	4.3	300	89	0	381
H2854-5	DURH. ST. "A" #2	131	115	46	4.0	280	74	0	381
H2854-6	DURH. ST. "A" #3	223	61	33	2.9	280	43	0	410
H2854-7	DURH. ST. "A" #4	310	32	20	1.8	320	59	0	400
Quality Control		NR	NR	NR	NR	480	105	NR	NR
True Value QC		NR	NR	NR	NR	500	100	NR	NR
% Accuracy		NR	NR	NR	NR	86.0	105	NR	NR
Relative Percent Difference		NR	NR	NR	NR	0	4.8	0	0
METHODS: EPA 600/4-79-02						352.3	375.4		
Std. Methods		3111B	3111B	3111B	3111B			2320B	2320B

Say G. B. P. [Signature]
Chemist

03/20/97
Date



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SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 03/18/97
Reporting Date: 03/20/97
Project Number: NOT GIVEN
Project Name: AMERADA HESS
Project Location: CHEVRON NCBT & DURHAM STATE "A"

Analysis Date: 03/18/97
Sampling Date: 03/18/97
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2854-1	CHEVRON NCBT #1	1455
H2854-2	CHEVRON NCBT #2	1941
H2854-3	CHEVRON NCBT #3	1782
H2854-4	DURHAM ST. "A" #1	1053
H2854-5	DURHAM ST. "A" #2	900
H2854-6	DURHAM ST. "A" #3	775
H2854-7	DURHAM ST. "A" #4	1087
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		0.1

METHOD: EPA 600/4-79-020, 160.1


Chemist


Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIROMENTAL SOLUTIONS, INC..
ATTN: DEE WHATLEY
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HOBBS, NM 88240
FAX TO:

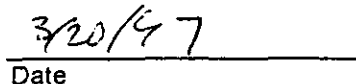
Receiving Date: 03/18/97
Reporting Date: 03/20/97
Project Number: NOT GIVEN
Project Name: AMERADA HESS
Project Location: CHEVRON NCBT & DURHAM STATE "A"

Sampling Date: 03/18/97
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		03/19/97	03/19/97	03/19/97	03/19/97
H2854-1	CHEVRON NCBT #1	<0.001	0.002	<0.001	<0.003
H2854-2	CHEVRON NCBT #2	<0.001	0.002	<0.001	<0.003
H2854-3	CHEVRON NCBT #3	<0.001	0.004	<0.001	0.003
H2854-4	DURHAM ST. "A" #1	<0.001	0.004	<0.001	0.003
H2854-5	DURHAM ST. "A" #2	<0.001	0.003	<0.001	<0.003
H2854-6	DURHAM ST. "A" #3	<0.001	0.003	<0.001	0.004
H2854-7	DURHAM ST. "A" #4	<0.001	0.003	<0.001	0.003
Quality Control		0.091	0.104	0.108	0.326
True Value QC		0.100	0.100	0.100	0.300
% Accuracy		91.3	104	108	109
Relative Percent Difference		9.5	4.0	7.6	7.9

METHOD: EPA SW 846-8260, 5030, GC/MS


Chemist


Date

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\$ 6624

Safety & Environmental Solutions, Inc.

703 E. Clinton, Suite 103, Hobbs, New Mexico 88240
(505)397-0510

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

SESI

Phone #:

FAX #:

Company Name & Address:

Project #:

Project Name:

Amroads Hess

Project Location:

Sampler Signature:

Chescon NCBT + Durham State "A" N.D. - White

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX								PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME		
H2858	Chescon NCBT #1	1	✓	✓								✓			3/18/97		
-2	" " #2	1	✓	✓								✓			3/18/97		
-3	" " #3	1	✓	✓								✓			" "		
-4	Durham State "A" #1	1	✓	✓								✓			" "		
-5	" " #2	1	✓	✓								✓			" "		
-6	" " #3	1	✓	✓								✓			" "		
-7	" " #4	1	✓	✓								✓			" "		

ANALYSIS REQUEST

TPH 418.1
BTX 8020/5030
TCLP Metals Ag As Ba Cd Cr Pb Hg Se
Total Metals Ag As Ba Cd Cr Pb Hg Se
TCLP Volatiles
TCLP Semi Volatiles
TDS
RCI
Cations & Anions

Relinquished by:

W.D. - White

Date:

3-18-97

Time:

1:50

Received by:

Amy Hill

REMARKS

Relinquished by:

Date:

Time:

Received by:

Relinquished by:

Date:

Time:

Received by Laboratory:



CARDINAL LABORATORIES

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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 09/30/96
Reporting Date: 10/07/96
Project Number: NOT GIVEN
Project Name: C1-C3, D1-D4
Project Location: AMERADA HESS, CHEVRON NCBT
& DURHAM ST. A

Sampling Date: 09/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: WL
Analyzed By: GP/WL

LAB NUMBER	SAMPLE ID	Na ppm	Ca ppm	Mg ppm	K ppm	Cl ppm	SO4 ppm	CO3 ppm	HCO3 ppm
ANALYSIS DATE:		10/3/96	10/3/96	10/3/96	10/3/96	10/4/96	10/4/96	10/4/96	10/4/96
H2662-1	C-1	227.6	158.5	41.8	7.18	440	123	trace	288
H2662-2	C-2	260.0	253.5	63.8	8.49	592	136	0	298
H2662-3	C-3	215.0	365.0	72.5	10.17	715	102	0	205
H2662-4	D-1	142.5	232.3	45.3	10.52	336	108	0	301
H2662-5	D-2	92.5	247.3	44.0	20.74	220	80	0	273
H2662-6	D-3	195.0	259.3	37.0	18.74	276	50	0	342
H2662-7	D-4	327.5	235.8	33.8	13.82	334	57	0	361
Quality Control		0.52	1.04	1.00	5.05	103	98	NR	NR
True Value QC		0.50	1.00	1.00	5.00	100	100	NR	NR
% Accuracy		104	104	100	101	103	98	NR	NR
Relative Percent Difference		0.7	0.8	0	7.2	3.0	2.0	0	0
METHODS: EPA 600/4-79-02						352.3	375.4		
Std. Methods		3111B	3111B	3111B	3111B			2320B	2320B

Wei Li, Chemist

Date



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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 09/30/96
Reporting Date: 10/07/96
Project Number: NOT GIVEN
Project Name: C1-C3, D1-D4
Project Location: AMERADA HESS, CHEVRON
NCBT & DURHAM ST. A

Analysis Date: 10/04/96
Sampling Date: 09/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: WL
Analyzed By: GP

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2662-1	C-1	1284
H2662-2	C-2	2194
H2662-3	C-3	2655
H2662-4	D-1	1285
H2662-5	D-2	1062
H2662-6	D-3	939
H2662-7	D-4	1064
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		3.2

METHOD: EPA 600/4-79-020, 160.1


Chemist


Date

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PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

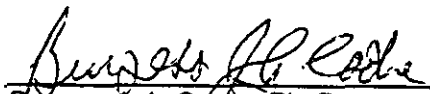
ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 09/30/96
Reporting Date: 10/04/96
Project Number: NOT GIVEN
Project Name: C1-C3, D1-D4
Project Location: AMERADA HESS, CHEVRON
NCBT & DURHAM ST. A

Sampling Date: 09/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: WL
Analyzed By: BC/GP

LAB NUMBER	SAMPLE ID	TPH (mg/L)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENES (ppb)
ANALYSIS DATE:		10/2/96	10/1/96	10/1/96	10/1/96	10/1/96
H2662-1	C-1	1.12	<1	<1	<1	<1
H2662-2	C-2	0.59	<1	<1	<1	<1
H2662-3	C-3	0.50	<1	<1	<1	<1
H2662-4	D-1	0.50	<1	<1	<1	<1
H2662-5	D-2	1.22	<1	<1	<1	<1
H2662-6	D-3	0.55	<1	<1	<1	<1
H2662-7	D-4	2.61	<1	<1	<1	<1
Quality Control		198	91.4	82.6	80.2	239
True Value QC		200	88.2	85.8	83.4	254
% Accuracy		99.0	104	96.3	96.1	94.1
Relative Percent Difference		1.0	2.5	3.9	9.4	5.5

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020


Burgess J. A. Cooke, Ph. D.

10/14/96
Date

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SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 09/30/96
Reporting Date: 10/09/96
Project Number: NOT GIVEN
Project Name: C1-C3, D1-D4
Project Location: AMERADA HESS, CHEVRON NCBT
& DURHAM ST. A

Sampling Date: 09/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: WL
Analyzed By: WL

RCRA METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	10/7/96	10/4/96	10/2/96	10/4/96	10/8/96	10/4/96	10/8/96	10/5/96
H2662-1 C-1	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-2 C-2	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-3 C-3	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-4 D-1	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-5 D-2	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-6 D-3	0.017	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-7 D-4	0.027	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
Quality Control	11.1	0.490	18.23	0.107	1.072	0.50	21.0	44.9
True Value QC	10.0	0.500	20.00	0.100	1.000	0.50	25.0	50.0
% Accuracy	111	98.0	91.1	107	107.2	100	84.0	89.8
Relative Percent Difference	1.2	0.2	14.7	0.6	1.1	0	0	9.0

METHODS: EPA 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Wei Li

Wei Li, Chemist

10-9-96

Date

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Chain of Custody Record

Project I.D. D-1, D-2, D-3, D-4

Project Location Amerado Hess Duchon State A

Sampled By Doc Whately

Client Name SESI

Address _____

Telephone _____

H/ 2662-1
-2
-3
-4
-5

Sample Number	Date	Time	Composite	Grab	Sample Location	Number of Containers	Analysis Required	Remarks	Shipped/Delivered
2662-4	D-1					2	X		
↓	D-1					1	X		
	D-1					1			
662-5	D-2					2	X		
↓	D-2					1			
662-6	D-2					1			
↓	D-3					2	X		
↓	D-3					1			
662-7	D-3					1			
↓	D-4					2	X		
↓	D-4					1			
↓	D-4					1			

Analysis Required

BTEN

Antimony

Lead

Mercury

TDs

Heavy Metals

Remarks
(Type sample, preservation, etc.)

Shipped/Delivered

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Chevron NCBT
Test Method: EPA 418.1
Order No.: Dyke Browning
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 1-1:	319	PPM	5'	MW-1 Chevron NCBT
SAMPLE NO. 1-2:	44	PPM	10'	MW-1 Chevron NCBT
SAMPLE NO. 1-3:	34	PPM	15'	MW-1 Chevron NCBT
SAMPLE NO. 1-4:	26	PPM	25'	MW-1 Chevron NCBT
SAMPLE NO. 1-5:	69	PPM	30'	MW-1 Chevron NCBT
SAMPLE NO. 1-6:	95	PPM	35'	MW-1 Chevron NCBT
SAMPLE NO. 1-7:	147	PPM	40'	MW-1 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 20' due to a bridge in well bore.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs, New Mexico 88240
(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: Allen Hodge
SAMPLE MATRIX: Soil

SITE ID: Chevron NCBT
ORDERED BY: Dyke Browning
TEST METHOD: 8020
SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample #1-1 MW-1 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-2 MW-1 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-3 MW-1 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-4 MW-1 25'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-5 MW-1 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-6 MW-1 35'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two
Chevron NCBT MW-1
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # 1-7 MW-1 40'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 20' due to a bridge in well bore.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Chevron NCBT

Test Method: EPA 325.3

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. 1-1:	2600	PPM	5'	MW-1 Chevron NCBT
SAMPLE NO. 1-2:	1200	PPM	10'	MW-1 Chevron NCBT
SAMPLE NO. 1-3:	<1000	PPM	15'	MW-1 Chevron NCBT
SAMPLE NO. 1-4:	<1000	PPM	25'	MW-1 Chevron NCBT
SAMPLE NO. 1-5:	<1000	PPM	30'	MW-1 Chevron NCBT
SAMPLE NO. 1-6:	<1000	PPM	35'	MW-1 Chevron NCBT
SAMPLE NO. 1-7:	<1000	PPM	40'	MW-1 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 20' due to a bridge in well bore.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
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(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Chevron NCBT

Test Method: EPA 325.3

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. 2-1:	1700	PPM	5'	MW-2 Chevron NCBT
SAMPLE NO. 2-2:	3300	PPM	10'	MW-2 Chevron NCBT
SAMPLE NO. 2-3:	1000	PPM	23'	MW-2 Chevron NCBT
SAMPLE NO. 2-4:	<1000	PPM	28'	MW-2 Chevron NCBT
SAMPLE NO. 2-5:	<1000	PPM	37'	MW-2 Chevron NCBT
SAMPLE NO. 2-6:	<1000	PPM	47'	MW-2 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs, New Mexico 88240
(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: Allen Hodge
SAMPLE MATRIX: Soil

SITE ID: Chevron NCBT
ORDERED BY: Dyke Browning
TEST METHOD: 8020
SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # 2-1 MW-2 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-2 MW-2 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-3 MW-2 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-4 MW-2 28'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-5 MW-2 37'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-6 MW-2 47'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
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(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Chevron NCBT

Test Method: EPA 418.1

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 2-1:	12	PPM	5'	MW-2 Chevron NCBT
SAMPLE NO. 2-2:	774	PPM	10'	MW-2 Chevron NCBT
SAMPLE NO. 2-3:	11	PPM	23'	MW-2 Chevron NCBT
SAMPLE NO. 2-4:	14	PPM	28'	MW-2 Chevron NCBT
SAMPLE NO. 2-5:	09	PPM	37'	MW-2 Chevron NCBT
SAMPLE NO. 2-6:	06	PPM	47'	MW-2 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Chevron NCBT
Test Method: EPA 325.3
Order No.: Dyke Browning
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. 3-1:	1400	PPM	5'	MW-3 Chevron NCBT
SAMPLE NO. 3-2:	2400	PPM	10'	MW-3 Chevron NCBT
SAMPLE NO. 3-3:	1000	PPM	15'	MW-3 Chevron NCBT
SAMPLE NO. 3-4:	<1000	PPM	20'	MW-3 Chevron NCBT
SAMPLE NO. 3-5:	<1000	PPM	28'	MW-3 Chevron NCBT
SAMPLE NO. 3-6:	<1000	PPM	36'	MW-3 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Chevron NCBT

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # 3-1 MW-3 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-2 MW-3 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-3 MW-3 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-4 MW-3 20'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-5 MW-3 28'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-6 MW-3 36'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

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SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Chevron NCBT

Test Method: EPA 418.1

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 3-1:	17	PPM	5'	MW-3 Chevron NCBT
SAMPLE NO. 3-2:	259	PPM	10'	MW-3 Chevron NCBT
SAMPLE NO. 3-3:	93	PPM	15'	MW-3 Chevron NCBT
SAMPLE NO. 3-4:	21	PPM	20'	MW-3 Chevron NCBT
SAMPLE NO. 3-5:	12	PPM	28'	MW-3 Chevron NCBT
SAMPLE NO. 3-6:	05	PPM	36'	MW-3 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
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(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Durham State A

Test Method: EPA 325.3

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D-1:	1400	PPM	5'	MW-1 Durham State A
SAMPLE NO. D-2:	1200	PPM	10'	MW-1 Durham State A
SAMPLE NO. D-3:	<1000	PPM	15'	MW-1 Durham State A
SAMPLE NO. D-4:	<1000	PPM	23'	MW-1 Durham State A
SAMPLE NO. D-5:	<1000	PPM	30'	MW-1 Durham State A
SAMPLE NO. D-6:	<1000	PPM	39'	MW-1 Durham State A
SAMPLE NO. D-7:	<1000	PPM	58'	MW-1 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 35' due to spoon refusal.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D-1 MW-1 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-2 MW-1 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-3 MW-1 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-4 MW-1 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-5 MW-1 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-6 MW-1 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two
Durham State A MW-1
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D-7 MW-1 58'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 35' due to spoon refusal.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Durham State A
Test Method: EPA 418.1
Order No.: Dyke Browning
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D-1:	49	PPM	5'	MW-1 Durham State A
SAMPLE NO. D-2:	13	PPM	10'	MW-1 Durham State A
SAMPLE NO. D-3:	09	PPM	15'	MW-1 Durham State A
SAMPLE NO. D-4:	12	PPM	23'	MW-1 Durham State A
SAMPLE NO. D-5:	13	PPM	30'	MW-1 Durham State A
SAMPLE NO. D-6:	07	PPM	39'	MW-1 Durham State A
SAMPLE NO. D-7:	05	PPM	58'	MW-1 Durham State A

COMMENTS: These s
was no sample at 35' due

Had 8 samples
BUT NOT ON
Log or notes

drilling operations. There

WESTERN ENVIRONMENTAL CONSULTANTS

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(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Durham State A

Test Method: EPA 325.3

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D2-1:	1500	PPM	5'	MW-2 Durham State A
SAMPLE NO. D2-2:	1400	PPM	10'	MW-2 Durham State A
SAMPLE NO. D2-3:	1000	PPM	15'	MW-2 Durham State A
SAMPLE NO. D2-4:	<1000	PPM	23'	MW-2 Durham State A
SAMPLE NO. D2-5:	<1000	PPM	30'	MW-2 Durham State A
SAMPLE NO. D2-6:	<1000	PPM	39'	MW-2 Durham State A
SAMPLE NO. D2-7:	<1000	PPM	45'	MW-2 Durham State A
SAMPLE NO. D2-8	<1000	PPM	50'	MW-2 Durham State A
SAMPLE NO. D2-9	<1000	PPM	58'	MW-2 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D2-1 MW-2 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-2 MW-2 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-3 MW-2 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-4 MW-2 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-5 MW-2 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-6 MW-2 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two
Durham State A MW-2
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D2-7 MW-2 45'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-8 MW-2 50'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-9 MW-2 58'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Durham State A
Test Method: EPA 418.1
Order No.: Dyke Browning
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D2-1:	74	PPM	5'	MW-2 Durham State A
SAMPLE NO. D2-2:	66	PPM	10'	MW-2 Durham State A
SAMPLE NO. D2-3:	14	PPM	15'	MW-2 Durham State A
SAMPLE NO. D2-4:	17	PPM	23'	MW-2 Durham State A
SAMPLE NO. D2-5:	12	PPM	30'	MW-2 Durham State A
SAMPLE NO. D2-6:	09	PPM	39'	MW-2 Durham State A
SAMPLE NO. D2-7:	10	PPM	45'	MW-2 Durham State A
SAMPLE NO. D2-8	07	PPM	50'	MW-2 Durham State A
SAMPLE NO. D2-9	07	PPM	58'	MW-2 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Durham State A
Test Method: EPA 325.3
Order No.: Dyke Browning
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D3-1:	1800	PPM	5'	MW-3 Durham State A
SAMPLE NO. D3-2:	1400	PPM	10'	MW-3 Durham State A
SAMPLE NO. D3-3:	1200	PPM	15'	MW-3 Durham State A
SAMPLE NO. D3-4:	1000	PPM	23'	MW-3 Durham State A
SAMPLE NO. D3-5:	<1000	PPM	30'	MW-3 Durham State A
SAMPLE NO. D3-6:	<1000	PPM	39'	MW-3 Durham State A
SAMPLE NO. D3-7:	<1000	PPM	45'	MW-3 Durham State A
SAMPLE NO. D3-8	<1000	PPM	50'	MW-3 Durham State A
SAMPLE NO. D3-9	<1000	PPM	58'	MW-3 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D3-1 MW-3 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-2 MW-3 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-3 MW-3 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-4 MW-3 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-5 MW-3 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-6 MW-3 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two
Durham State A MW-3
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D3-7 MW-3 45'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-8 MW-3 50'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-9 MW-3 58'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Durham State A

Test Method: EPA 418.1

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D3-1:	137	PPM	5'	MW-3 Durham State A
SAMPLE NO. D3-2:	108	PPM	10'	MW-3 Durham State A
SAMPLE NO. D3-3:	26	PPM	15'	MW-3 Durham State A
SAMPLE NO. D3-4:	16	PPM	23'	MW-3 Durham State A
SAMPLE NO. D3-5:	07	PPM	30'	MW-3 Durham State A
SAMPLE NO. D3-6:	09	PPM	39'	MW-3 Durham State A
SAMPLE NO. D3-7:	10	PPM	45'	MW-3 Durham State A
SAMPLE NO. D3-8	11	PPM	50'	MW-3 Durham State A
SAMPLE NO. D3-9	04	PPM	58'	MW-3 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Durham State A

Test Method: EPA 325.3

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D4-1:	2200	PPM	10'	MW-4 Durham State A
SAMPLE NO. D4-2:	1800	PPM	15'	MW-4 Durham State A
SAMPLE NO. D4-3:	1200	PPM	23'	MW-4 Durham State A
SAMPLE NO. D4-4:	<1000	PPM	30'	MW-4 Durham State A
SAMPLE NO. D4-5:	<1000	PPM	39'	MW-4 Durham State A
SAMPLE NO. D4-6:	<1000	PPM	45'	MW-4 Durham State A
SAMPLE NO. D4-7:	<1000	PPM	50'	MW-4 Durham State A
SAMPLE NO. D4-8	<1000	PPM	58'	MW-4 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no five foot sample, drilling through spoils from old excavation.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D4-1 MW-4 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-2 MW-4 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-3 MW-4 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-4 MW-4 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-5 MW-4 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-6 MW-4 45'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two
Durham State A MW-4
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D4-7 MW-4 50'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-8 MW-4 58'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no five foot sample, drilling through spoils from old excavation.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96
CLIENT: S.E.S.
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Durham State A
Test Method: EPA 418.1
Order No.: Dyke Browning
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D4-1:	18	PPM	10'	MW-4 Durham State A
SAMPLE NO. D4-2:	179	PPM	15'	MW-4 Durham State A
SAMPLE NO. D4-3:	47	PPM	23'	MW-4 Durham State A
SAMPLE NO. D4-4:	12	PPM	30'	MW-4 Durham State A
SAMPLE NO. D4-5:	07	PPM	39'	MW-4 Durham State A
SAMPLE NO. D4-6:	14	PPM	45'	MW-4 Durham State A
SAMPLE NO. D4-7:	10	PPM	50'	MW-4 Durham State A
SAMPLE NO. D4-8	08	PPM	58'	MW-4 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no five foot sample, drilling through spoils from old excavation.

Safety & Environmental Solutions, Inc.

703 E. Clinton, Suite 103, Hobbs, New Mexico 88240
(505)397-0510

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Phone #:

FAX #:

Company Name & Address:

Amec Hess

Project #:

Project Name:

Chevron NCBT

Project Location:

Sampler Signature:

Dec Whitely

Dec 22/1/96

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME	
	Well #1	7			X							X			9-24-96	9:00am
	Well #2	6			X							X			9-24-96	11:00am
	Well #3	6			X							X			9-24-96	2:00pm
													</			

ANALYSIS REQUEST

TCLP Metals Ag As Ba Cd Cr Pb Hg Se	
Total Metals Ag As Ba Cd Cr Pb Hg Se	
TCLP Volatiles	
TCLP Semi Volatiles	
TDS	
RCI	
Alkalies	
TPH 418.1	X
BTEX 8020/5030	X

REMARKS

Relinquished by:	<i>Dec Whitely</i>	Date:	9-24-96	Time:	4:25 PM	Received by:	<i>Dec Whitely</i>
Relinquished by:		Date:		Time:		Received by:	
Relinquished by:		Date:		Time:		Received by Laboratory:	

Safety & Environmental Solutions, Inc.

703 E. Clinton, Suite 103, Hobbs, New Mexico 88240
(505)397-0510

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

Phone #:

FAX #:

Company Name & Address:

Amerada Hess

Project #:

Project Name:

Durham State "A"

Project Location:

Sampler Signature:

D. White

LAB # AS USE ONLY	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX					PRESERVATIVE METHOD					SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME
	Well # D	7		X					X					9-25-96	6:00pm
	Well # D-2	9		X					X					9-25-96	9:00pm
	Well # D3	9		X					X					9-25-96	2:30pm
	Well # D4	8		X					X					9-25-96	5:00pm

BTX 8020/5030

TPH 418.1

TCLP Metals Ag As Ba Cd Cr Pb Hg Se

Total Metals Ag As Ba Cd Cr Pb Hg Se

TCLP Volatiles

TCLP Semi Volatiles

TDS

RCI

Chlorides

ANALYSIS REQUEST

REMARKS

Collected by: <i>D. White</i>	Date: <i>9-24-96</i>	Time: <i>4:00pm</i>	Received by: <i>[Signature]</i>
Collected by:	Date:	Time:	Received by:
Collected by:	Date:	Time:	Received by Laboratory:



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 6, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-274

Mr. Samuel Small
Amerada Hess Corporation
P.O. Box 840
Seminole, Texas 79360

RE: GROUND WATER INVESTIGATIONS
DURHAM STATE "A" TANK BATTERY
~~CHEVRON GRAHAM NCT "B" TANK BATTERY~~

Dear Mr. Small:

The New Mexico Oil Conservation Division (OCD) has completed a review of Amerada Hess Corporation's (AHC) December 18, 1996 "GROUND WATER INVESTIGATIONS DURHAM STATE "A" TANK BATTERY SITE, CHEVRON GRAHAM NCT "B" TANK BATTERY SITE". This document contains the results of AHC's soil and ground water investigations at the Durham State "A" tank battery and the Chevron Graham NCT "B" Tank Battery located in Unit P, Sec 2, T20S, R36E NMPM, Lea County, New Mexico. The documents also contain AHC's proposals for backfilling of the investigations and monitoring of ground water quality at the sites.

The above referenced proposals are approved with the following conditions:

1. AHC will supply the OCD with the laboratory analytical data sheets and associated quality assurance/quality control data for the sampling results contained in the above referenced document.
2. Ground water from the monitor wells will be sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene (BTEX), total dissolved solids (TDS) and major cations and anions using EPA approved methods.
3. The OCD defers comment on plugging of the monitor wells until the OCD has an opportunity to review a final closure and monitoring report.
4. AHC will submit a report on the closure and monitoring actions to the OCD by May 1, 1996. The report will contain:
 - a. A description of all activities which occurred during the closure and monitoring including conclusions and recommendations.

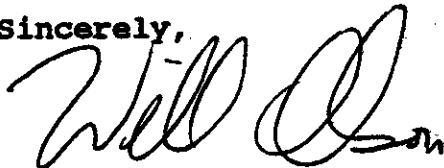
Mr. Samuel Small
March 6, 1997
Page 2

- b. A summary of the laboratory analytic results of the soil remedial actions, backfilling and water quality monitoring including the laboratory analysis data sheets and all relevant quality assurance/quality control data.
 - c. A water table elevation map for each site using the water table elevation of the ground water in all monitor wells.
5. AHC will notify the OCD at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
 6. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.

Please be advised that OCD approval does not relieve AHC of liability if contamination exists which is beyond the scope of the plan or if the plan fails to adequately monitor contamination related to AHC's activities. In addition, OCD approval does not relieve AHC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office
David Deardorff, New Mexico State Land Office

P 269 269 274

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Postmark or Date	