

1R - 427 - 191

REPORTS

DATE:

6-17-05

EME GA State 'B' Boet ECL

1R0427-191

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	GA State 'B' boot EOL	M	16	20S	37E	Lea	Length	Width	Depth
							moved 80 ft southeast		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 18 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/10/2004 Date Completed 10/14/2004 OCD Witness No

Soil Excavated 12 cubic yards Excavation Length 9 Width 3 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 9/10/2004 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
Grab @ jct. 12 ft BGS	0.1	<10.0	<10.0	<20

LOCATION	DEPTH (ft)	ppm
vertical at junction box	4	148
	5	174
	6	172
	7	147
	8	140
	9	115
	10	172
	11	115
	12	140
background	1	85

General Description of Remedial Action: This junction box contained a boot and was located approx. 20 ft east of an active production facility. There were no physical indications of hydrocarbon or chloride impact at the site and the box was surrounded by healthy native vegetation. The junction was moved 80 ft southeast with the new pipeline replacement. The box lumber at the old box site was removed and the site was delineated using a backhoe while PID screenings and chloride field tests were performed every foot below the pipeline down to 12 ft BGS. All PID readings were quite low and lab results confirmed non-detected TPH concentrations, meeting NMOCD guidelines. Chloride concentrations were similar to background levels. The deepest sample at 12 ft BGS yielded a non-detect chloride concentration of less than 20 ppm. The excavation trench was backfilled with the blended spoils. A new watertight junction box has been built 80 ft southeast of this site. The disturbed surface from the excavation has been seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Joe Gatts SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Pope
DATE 6/17/2005 TITLE Project Scientist

EME GA State 'B' boot EOL

unit 'M', sec. 16, T20S, R37E



undisturbed junction box

8/10/2004



boot and junction box removed; before delineation & excavation



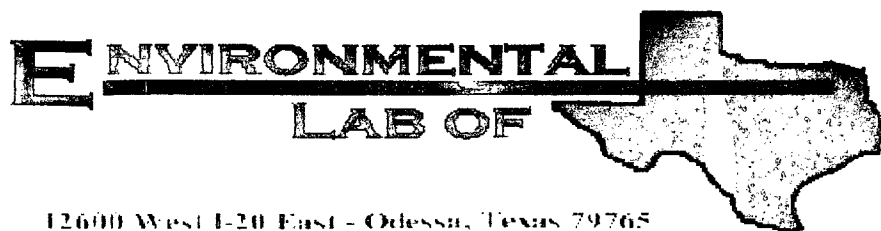
delineation trench at former box site

9/10/2004



seeding backfilled site; new box 80 ft southeast of former

5/9/2005



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Roy Rascon
Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240

Project: EME Amerada Hess Shell St. B

Project Number: None Given

Location: None Given

Lab Order Number: 4116004

Report Date: 09/22/04

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
09/22/04 09:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source at 12' bgs	4116004-01	Soil	09/10/04 10:30	09/16/04 08:00

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/22/04 09:59

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Source at 12' bgs (4116004-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI41719	09/17/04	09/19/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		82.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		74.6 %	70-130		"	"	"	"	

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/22/04 09:59

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Source at 12' bgs (4116004-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	E142112	09/16/04	09/21/04	SW 846 9253	
% Solids	92.0		%	1	E141707	09/16/04	09/16/04	% calculation	

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/22/04 09:59

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EI41719 - Solvent Extraction (GC)

Blank (EI41719-BLK1)

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.4	70-130			
Surrogate: 1-Chlorooctadecane	41.8		"	50.0		83.6	70-130			

Blank (EI41719-BLK2)

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.6	70-130			
Surrogate: 1-Chlorooctadecane	36.3		"	50.0		72.6	70-130			

LCS (EI41719-BS1)

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	426	10.0	mg/kg wet	500		85.2	75-125			
Diesel Range Organics >C12-C35	498	10.0	"	500		99.6	75-125			
Total Hydrocarbon C6-C35	924	10.0	"	1000		92.4	75-125			
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	56.4		"	50.0		113	70-130			

LCS (EI41719-BS2)

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	415	10.0	mg/kg wet	500		83.0	75-125			
Diesel Range Organics >C12-C35	505	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	920	10.0	"	1000		92.0	75-125			
Surrogate: 1-Chlorooctane	54.0		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	44.3		"	50.0		88.6	70-130			

Calibration Check (EI41719-CCV1)

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	425		mg/kg	500		85.0	80-120			
Diesel Range Organics >C12-C35	520		"	500		104	80-120			
Total Hydrocarbon C6-C35	945		"	1000		94.5	80-120			
Surrogate: 1-Chlorooctane	52.0		"	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	47.9		"	50.0		95.8	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 4 of 7

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/22/04 09:59

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EI41719 - Solvent Extraction (GC)

Calibration Check (EI41719-CCV2)

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	427		mg/kg	500		85.4	80-120			
Diesel Range Organics >C12-C35	483		"	500		96.6	80-120			
Total Hydrocarbon C6-C35	910		"	1000		91.0	80-120			
Surrogate: 1-Chlorooctane	51.6		"	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	47.0		"	50.0		94.0	70-130			

Matrix Spike (EI41719-MS1)

Source: 4116003-01

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	469	10.0	mg/kg dry	521	ND	90.0	75-125			
Diesel Range Organics >C12-C35	555	10.0	"	521	ND	107	75-125			
Total Hydrocarbon C6-C35	1020	10.0	"	1040	ND	98.1	75-125			
Surrogate: 1-Chlorooctane	55.9		mg/kg	50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	52.5		"	50.0		105	70-130			

Matrix Spike (EI41719-MS2)

Source: 4117004-13

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	506	10.0	mg/kg dry	549	ND	92.2	75-125			
Diesel Range Organics >C12-C35	627	10.0	"	549	15.3	111	75-125			
Total Hydrocarbon C6-C35	1130	10.0	"	1100	15.3	101	75-125			
Surrogate: 1-Chlorooctane	55.1		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	54.7		"	50.0		109	70-130			

Matrix Spike Dup (EI41719-MSD1)

Source: 4116003-01

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	478	10.0	mg/kg dry	521	ND	91.7	75-125	1.90	20	
Diesel Range Organics >C12-C35	577	10.0	"	521	ND	111	75-125	3.89	20	
Total Hydrocarbon C6-C35	1060	10.0	"	1040	ND	102	75-125	3.85	20	
Surrogate: 1-Chlorooctane	57.5		mg/kg	50.0		115	70-130			
Surrogate: 1-Chlorooctadecane	53.8		"	50.0		108	70-130			

Matrix Spike Dup (EI41719-MSD2)

Source: 4117004-13

Prepared: 09/17/04 Analyzed: 09/19/04

Gasoline Range Organics C6-C12	522	10.0	mg/kg dry	549	ND	95.1	75-125	3.11	20	
Diesel Range Organics >C12-C35	630	10.0	"	549	15.3	112	75-125	0.477	20	
Total Hydrocarbon C6-C35	1150	10.0	"	1100	15.3	103	75-125	1.75	20	
Surrogate: 1-Chlorooctane	57.0		mg/kg	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	57.5		"	50.0		115	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 5 of 7

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/22/04 09:59

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EI41707 - % Solids										
Blank (EI41707-BLK1)				Prepared & Analyzed: 09/16/04						
% Solids	100		%							
Duplicate (EI41707-DUP1)				Source: 4115011-01 Prepared & Analyzed: 09/16/04						
% Solids	100		%		100			0.00	20	
Batch EI42112 - Water Extraction										
Blank (EI42112-BLK1)				Prepared: 09/16/04 Analyzed: 09/21/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EI42112-MS1)				Source: 4116001-01 Prepared: 09/16/04 Analyzed: 09/21/04						
Chloride	1300	20.0	mg/kg Wet	500	830	94.0	80-120			
Matrix Spike Dup (EI42112-MSD1)				Source: 4116001-01 Prepared: 09/16/04 Analyzed: 09/21/04						
Chloride	1300	20.0	mg/kg Wet	500	830	94.0	80-120	0.00	20	
Reference (EI42112-SRM1)				Prepared & Analyzed: 09/21/04						
Chloride	4940		mg/kg	5000		98.8	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 6 of 7

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: EME Amerada Hess Shell St. B
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
09/22/04 09:59

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date:

9/22/04

Raland K. Tuttle, Lab Manager

Celey D. Keene, Lab Director, Org. Tech Director

Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director

James L. Hawkins, Chemist/Geologist

Sandra Biezugbe, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 7 of 7

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Shell St B

Ray Rascon

RICE Operating

122 W. Taylor

Hobbs, NM 88240

Fax No: (505) 397-1471

Sampler Signature:

[illegible]

RICE OPERATING COMPANY

122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S

SERIAL NO: 104412

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE

100 PPM

AIR

BALANCE

LOT NO: 02-22-30

FILL DATE: 5/20/03

EXP. DATE: 11/20/04

ACCURACY: ±0.2%

METER READING

ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	AMERADA HESS	M	16	20	37

Shell
st. B

SAMPLE	PID RESULT	SAMPLE	PID RESULT
4' Source	0.1		
5' Source	0.1		
6' Source	0.1		
7' Source	0.1		
8' Source	0.1		
9' Source	0.1		
10' Source	0.1		
11' Source	0.1		
12' Source	0.1		

I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

Joe Galt
Signature

Environmental Tech.
Title

9/10/04
Date