1R – 427 - 181

REPORTS

DATE:

5-20-05

EME Phillips 'B' ECC

IR0427-181

DISCLOSURE

REPORT

RICE OPERATING COMPANY
JUNCTION BOX **DISCLOSURE*** REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	Phillips 'B' EOL	F	10	20S	37E	Lea	moved 25 ft south		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER S & W Cattle Company OTHER _____

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

Date Started 7/21/2004 Date Completed 8/4/2004 OCD Witness No

Soil Excavated 89 cubic yards Excavation Length 20 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/22/2004 Sample Depth 12 ft

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

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.0	<10.0	<10.0	1360
BOTTOM COMP.	0.0	<10.0	84.1	691
REMED. BACKFILL	0.0	<10.0	<10.0	372

General Description of Remedial Action: The junction was moved approx. 25 ft south with the poly pipeline replacement. A new lined, watertight junction box was built at that site. The lumber was removed from the former box site and the location was delineated using a backhoe while chloride field tests and PID screenings were conducted at regular intervals. All PID readings were relatively low and NMOCD TPH guidelines were met. Chloride concentrations did not decline with depth or breadth throughout the 20 x 10 x 12-ft-deep excavation. The excavation was backfilled with the spoils soil that was blended on site. The disturbed surface was seeded with a blend of native vegetation on 9/17/2004. An identification plate has been placed on the surface at the site of the former junction to identify the location for future environmental considerations. NMOCD has been notified of potential groundwater impact at this site.

ADDITIONAL EVALUATION IS *HIGH* PRIORITY.

enclosures: chloride graphs, photos, lab results, PID screenings

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
5 ft *north* of junction	6	300
	7	1349
	8	1709
	9	1889
	10	1349
	11	1859
	12	2489
10 ft *south* of junction	6	1680
	7	1739
	8	2069
	9	1619
	10	1349
	11	2039
	12	1649
4-wall comp.	n/a	1589
bottom comp.	12	750
remed. backfill	n/a	1290

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

SITE SUPERVISOR Rob Elam SIGNATURE not available COMPANY Curt's Environmental--Odessa, TX

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 5/20/2005 TITLE Project Scientist

**** This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.***

EME Phillips 'B' EOL

unit 'F', Sec. 10, T20S, R37E

undisturbed junction box 2/26/2003

poly liner under new plumbing for new box 25 ft south of old box
7/14/2004

New watertight junction box complete 25 ft south of former location 7/15/2004

final 10 x 20 x 12-ft-deep excavation 7/22/2004

final 10 x 20 x 12-ft-deep excavation (looking south) 7/22/2004

tilling seed 9/17/2004

identification plate at former junction location 5/18/2005

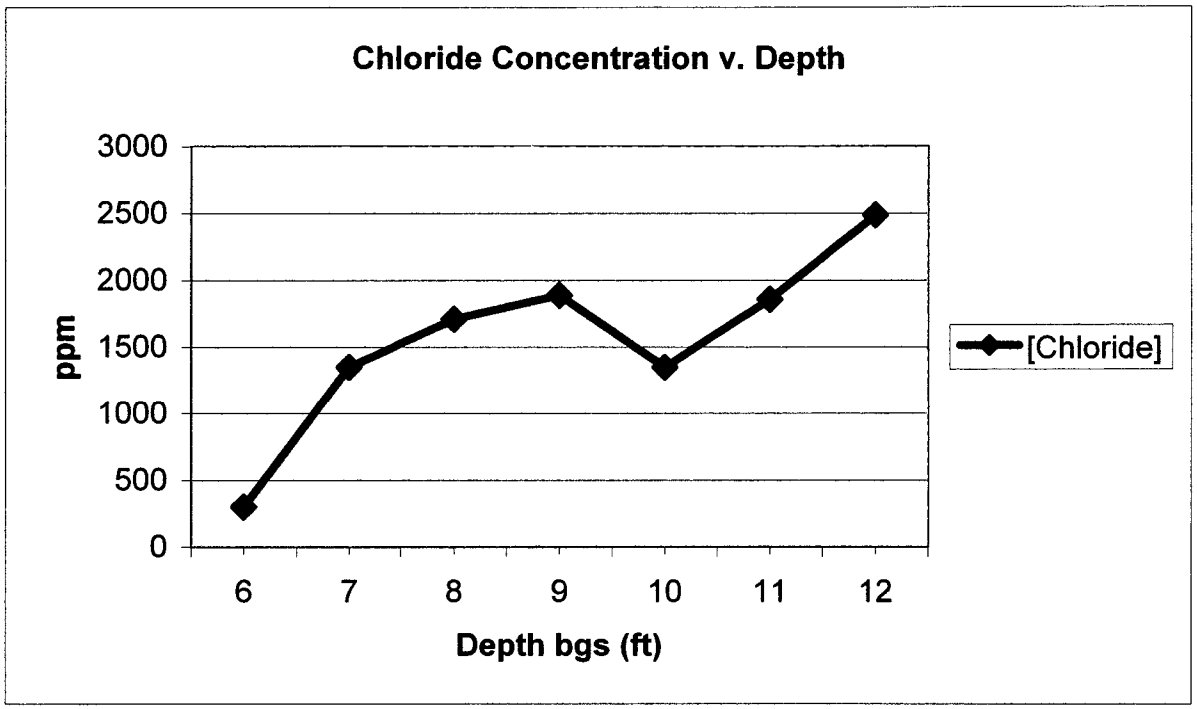
EME Phillips 'B' EOL

Unit 'F', Sec. 10,T20S, R37E

5 ft north of junction

Depth bgs (ft)	[Cl⁻] ppm
6	300
7	1349
8	1709
9	1889
10	1349
11	1859
12	2489

Groundwater = 20 ft



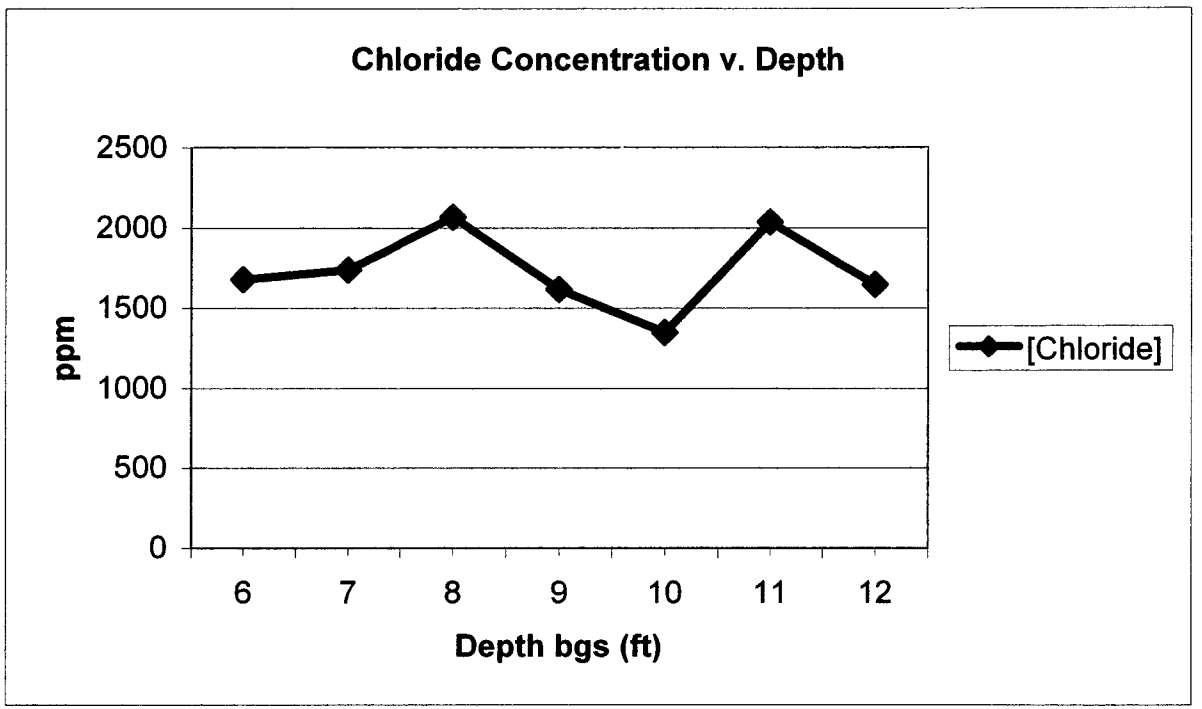
EME Phillips 'B' EOL

Unit 'F', Sec. 10,T20S, R37E

10 ft south of junction

Depth bgs (ft)	[Cl⁻] ppm
6	1680
7	1739
8	2069
9	1619
10	1349
11	2039
12	1649

Groundwater = 20 ft



ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

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

EME TEXACO

Project: Phillips B EOL
Project Number: [none]
Location: EME

Lab Order Number: 4G26001

Report Date: 07/27/04

Rice Operating Co.	Project: Phillips B EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: [none]	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/27/04 14:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
12' Bottom Composite	4G26001-01	Soil	07/22/04 10:30	07/23/04 17:30
Wall Composite	4G26001-02	Soil	07/22/04 10:30	07/23/04 17:30
Backfill Composite	4G26001-03	Soil	07/22/04 10:30	07/23/04 17:30

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
12' Bottom Composite (4G26001-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42611	07/26/04	07/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	**84.1**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**84.1**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*85.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*75.4 %*	*70-130*		"	"	"	"	
Wall Composite (4G26001-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42611	07/26/04	07/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*72.8 %*	*70-130*		"	"	"	"	
Backfill Composite (4G26001-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42611	07/26/04	07/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*72.6 %*	*70-130*		"	"	"	"	

Rice Operating Co.	Project: Phillips B EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: [none]	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/27/04 14:39

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
12' Bottom Composite (4G26001-01) Soil									
Chloride	**691**	20.0	mg/kg Wet	2	EG42701	07/26/04	07/26/04	SW 846 9253	
% Solids	**88.0**		%	1	EG42706	07/26/04	07/26/04	% calculation	
Wall Composite (4G26001-02) Soil									
Chloride	**1360**	20.0	mg/kg Wet	2	EG42701	07/26/04	07/26/04	SW 846 9253	
% Solids	**83.0**		%	1	EG42706	07/26/04	07/26/04	% calculation	
Backfill Composite (4G26001-03) Soil									
Chloride	**372**	20.0	mg/kg Wet	2	EG42701	07/26/04	07/26/04	SW 846 9253	
% Solids	**67.0**		%	1	EG42706	07/26/04	07/26/04	% calculation	

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Rice Operating Co.	Project: Phillips B EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: [none]	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/27/04 14:39

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 EG42611 - Solvent Extraction (GC)										
Blank (EG42611-BLK1)				Prepared & Analyzed: 07/26/04						
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	*40.7*		*mg/kg*	*50.0*		*81.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.4*		*"*	*50.0*		*76.8*	*70-130*			
LCS (EG42611-BS1)				Prepared & Analyzed: 07/26/04						
Gasoline Range Organics C6-C12	429		mg/kg	500		85.8	75-125			
Diesel Range Organics >C12-C35	455		"	500		91.0	75-125			
Total Hydrocarbon C6-C35	884		"	1000		88.4	75-125			
Surrogate: 1-Chlorooctane	*53.5*		*"*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.9*		*"*	*50.0*		*73.8*	*70-130*			
LCS Dup (EG42611-BSD1)				Prepared & Analyzed: 07/26/04						
Gasoline Range Organics C6-C12	425		mg/kg	500		85.0	75-125	0.937	20	
Diesel Range Organics >C12-C35	463		"	500		92.6	75-125	1.74	20	
Total Hydrocarbon C6-C35	888		"	1000		88.8	75-125	0.451	20	
Surrogate: 1-Chlorooctane	*53.2*		*"*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.3*		*"*	*50.0*		*76.6*	*70-130*			
Calibration Check (EG42611-CCV1)				Prepared & Analyzed: 07/26/04						
Gasoline Range Organics C6-C12	413		mg/kg	500		82.6	80-120			
Diesel Range Organics >C12-C35	493		"	500		98.6	80-120			
Total Hydrocarbon C6-C35	906		"	1000		90.6	80-120			
Surrogate: 1-Chlorooctane	*50.4*		*"*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*37.1*		*"*	*50.0*		*74.2*	*70-130*			

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Rice Operating Co.	Project: Phillips B EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: [none]	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/28/04 12:12

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 EG42701 - Water Extraction										
Blank (EG42701-BLK1)				Prepared & Analyzed: 07/26/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EG42701-MS1)		**Source: 4G22008-01**		Prepared: 07/23/04 Analyzed: 07/26/04						
Chloride	532	20.0	mg/kg Wet	500	0.00	106	80-120			
Matrix Spike Dup (EG42701-MSD1)		**Source: 4G22008-01**		Prepared: 07/23/04 Analyzed: 07/26/04						
Chloride	510	20.0	mg/kg Wet	500	0.00	102	80-120	4.22	20	
Reference (EG42701-SRM1)				Prepared & Analyzed: 07/26/04						
Chloride	4940		mg/kg	5000		98.8	80-120			
Batch EG42706 - General Preparation (Prep)										
Blank (EG42706-BLK1)				Prepared & Analyzed: 07/26/04						
% Solids	100		%							
Duplicate (EG42706-DUP1)		**Source: 4G23016-01**		Prepared & Analyzed: 07/26/04						
% Solids	97.0		%		97.0			0.00	20	

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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: Celey D. Keene Date: 07/28/04

Raland K. Tuttle, QA Officer
Celey D. Keene, Lab Director, Org. Tech Director
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sara Molina, Chemist
Sandra Biezugbe, Lab Tech.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon
Company Name: RICE Operating
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 397-1471
Sampler Signature: Rob Elam

Project Name: Phillips "B" EOL
Project #:
Project Loc: EME
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
[illegible]	12' Bottom Composite	7-22-04	10:30	1	✓									✓		✓			✓						
[illegible]	Wall Composite	7-22-04	10:30	1	✓									✓		✓			✓						
[illegible]	Backfill Composite	7-22-04	10:30	1	✓									✓		✓			✓						

Special Instructions: 8015 ; Chlorides

Relinquished by:	Date	Time	Received by:	Date	Time
Rob Elam	7-22-04		C. Hansen	7/23/04	17:00
C. Hansen	7/23/04	17:30	Received by ELOT: [signature]	7-23-04	1730

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: Rec 0.5°C

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating

Date/Time: 7-26-04

Order #: 462601-01

Initials: MS

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	0-5 C
Shipping container/cooler in good condition?	(Yes)	No	
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)
Custody Seals intact on sample bottles?	Yes	No	~~Not present~~
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	(Yes)	No	
Container labels legible and intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

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
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE
AIR
LOT NO: 03-2475
EXP. DATE: 10-19-05
METER READING
ACCURACY: 100.0

SERIAL NO: ~~104412~~ 104550
100 PPM
BALANCE
FILL DATE: 4-19-04
ACCURACY: ± 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	Phillip B EOL	B	10	20-S	37-E

SAMPLE	PID RESULT		SAMPLE	PID RESULT
10' South 6'	0	(10'	North Wall Comp	0
7'	0	(10'	South Wall Comp	0
8'	0	(5'	East Wall Comp	0
9'	0	(5'	West Wall Comp	0
10'	0	(12'	Botton Comp	0
11'	0		Wall Comp	0
12'	0		Backfill Comp	0

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

Rob Elam
Signature

7-21-04
Date