1R - 426-108

REPORTS

DATE:

3/18/2005

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
BD	F-25-1	F	25	21S	37E	Lea	eliminated--no box		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Mark Owen Estate OTHER _____

Depth to Groundwater 38 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/23/2004 Date Completed 2/23/2005 NMOCD Witness no

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 7/9/2004 **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.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.1	<10.0	<10.0	585
BOTTOM COMP.	0.1	<10.0	<10.0	510
REMED. BACKFILL	0.1	<10.0	<10.0	755

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical at junction box	6	833
	7	447
	8	444
	9	600
	10	420
	11	614
	12	635
	16	558
	20	840
15 ft WEST of junction box	1	209
	2	149
	3	151
	4	144
	5	1060
	6	1422
	7	966
	8	1018
	9	765
	10	1021
	11	1394
	12	1574
4-wall comp.	n/a	430
bottom comp.	12	532
remed. backfill	n/a	782

General Description of Remedial Action: This junction was eliminated with the pipeline replacement program. The box was removed and the site was delineated using a backhoe while PID screenings and chloride field tests were performed at regular intervals. Chloride concentrations did not decline with depth throughout the 30 x 30 x 12-ft deep excavation. All PID readings were relatively low and NMOCD TPH guidelines were met on the composite samples as the laboratory reported non-detect levels (<10.0 ppm). The excavated soil was blended on site and then backfilled into the excavation up to 6 ft BGS. At 6 ft, a compacted clay barrier was installed to inhibit further downward chloride migration. The remaining spoils were backfilled on top of the clay. The disturbed surface was seeded with a blend of native vegetation on 3/18/05 and will be monitored for growth. An identification plate has been placed on the surface to mark the former location of the junction box for future environmental consideration and to identify the presence of the clay barrier below. NMOCD has been notified of potential groundwater impact at this site.

ADDITIONAL EVALUATION IS *HIGH* PRIORITY

enclosures: chloride graphs, photos, lab results, PID field screenings, cross-section, clay test

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 Farris Pope

DATE 3/18/2005 TITLE Project Scientist

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

BD jct. F-25-1

unit 'F', sec. 25, T21S, R37E

undisturbed junction box 7/22/2003

junction and box removed; pipeline replaced 8/20/2003

delineation & excavation June 2004

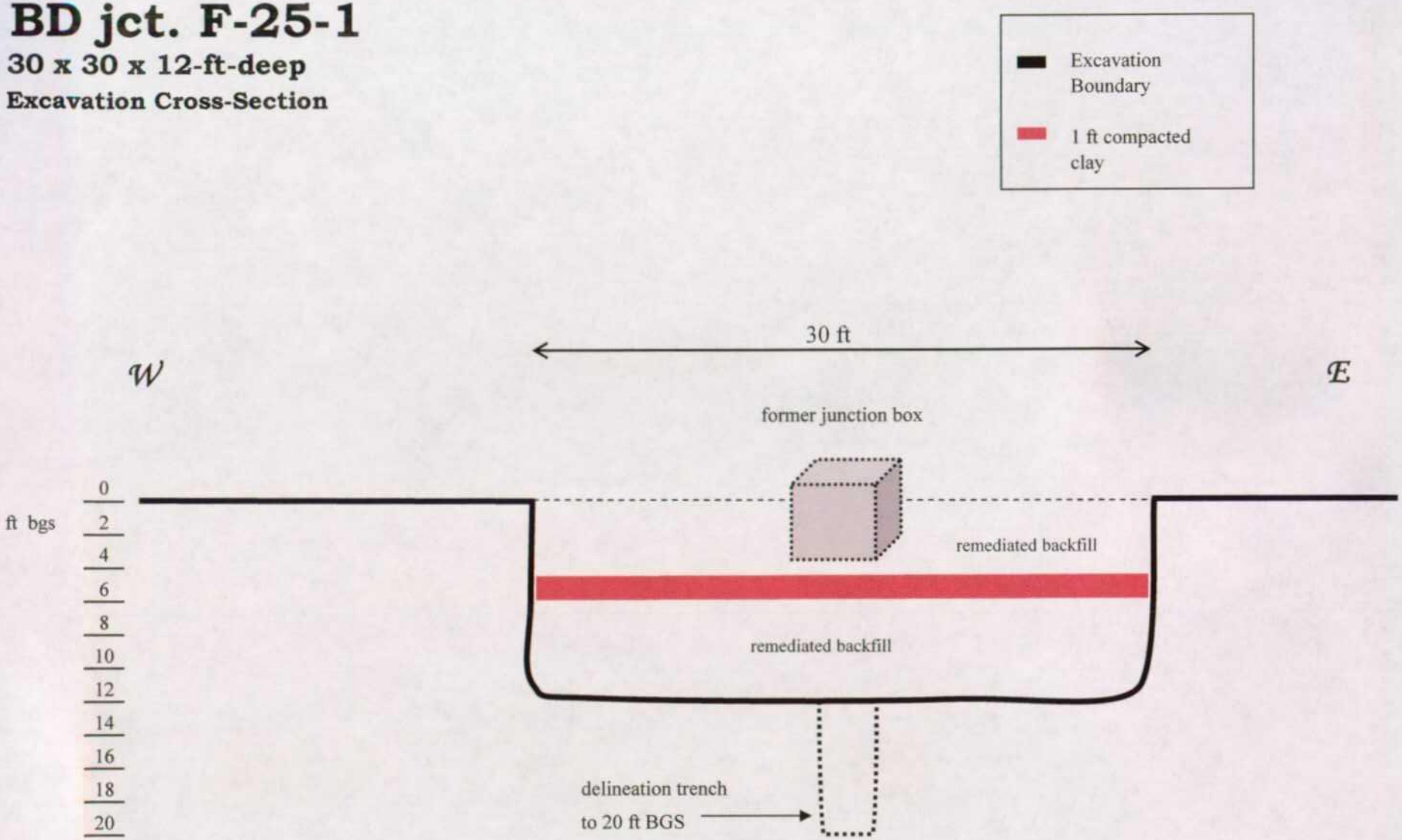
testing compacted clay barrier at 6 ft BGS 2/22/2005

backfilled site with clay ID plate on surface February 2005

BD jct. F-25-1

30 x 30 x 12-ft-deep

Excavation Cross-Section



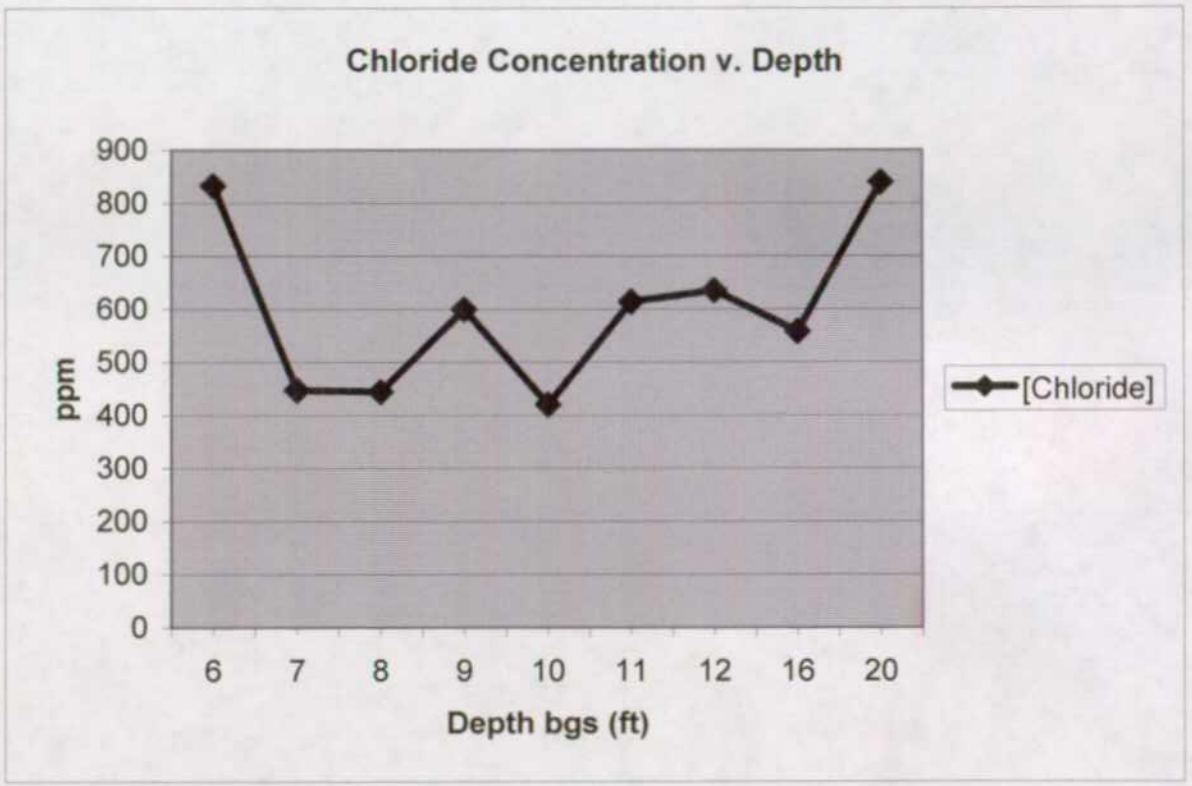
BD jct. F-25-1

T21S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl⁻] ppm
6	833
7	447
8	444
9	600
10	420
11	614
12	635
16	558
20	840

Groundwater = 38 ft



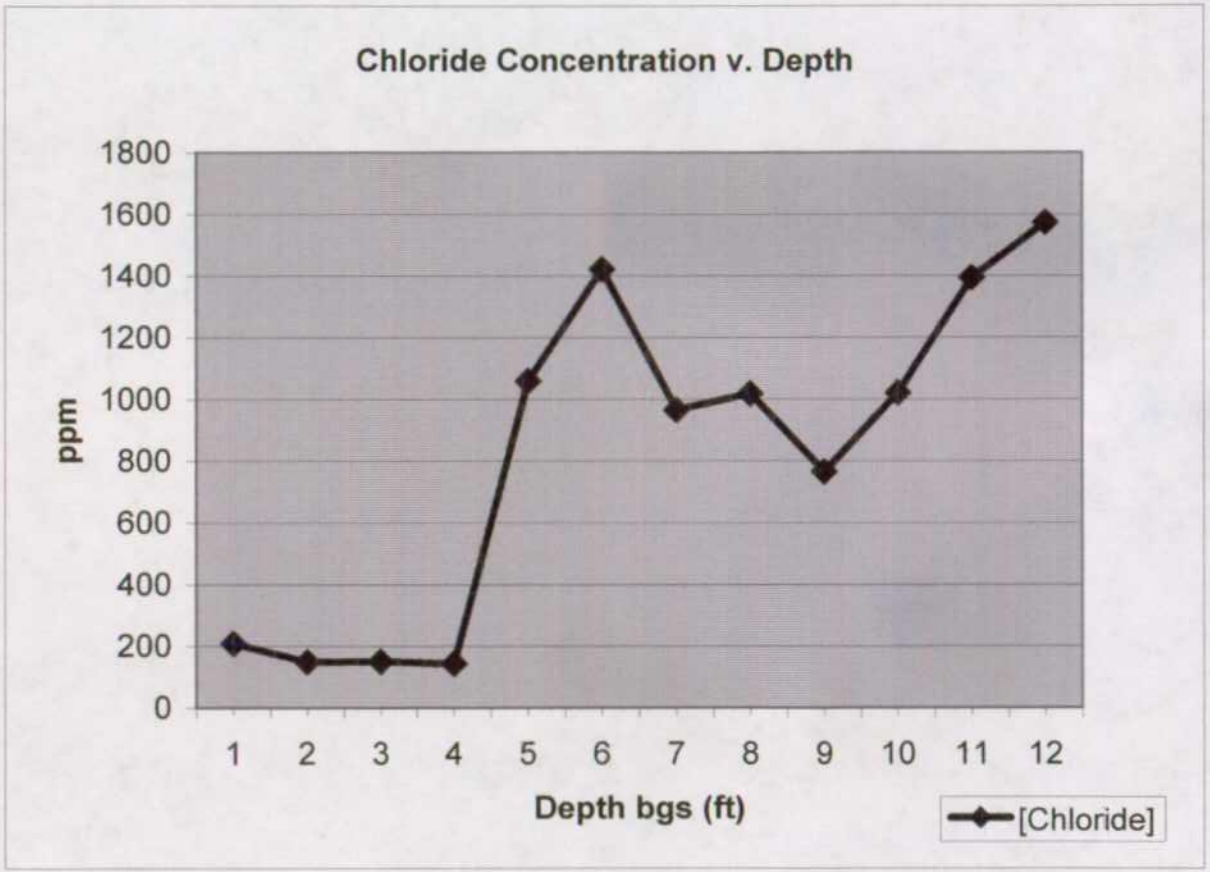
BD jct. F-25-1

T21S, R37E

15 ft WEST of junction box

Depth bgs (ft)	[Cl⁻] ppm
1	209
2	149
3	151
4	144
5	1060
6	1422
7	966
8	1018
9	765
10	1021
11	1394
12	1574

Groundwater = 38 ft



ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

COPY

Analytical Report

Prepared for:

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

Project: F-25-1
Project Number: None given
Location: BD

Lab Order Number: 4G09026

Report Date: 07/16/04

Rice Operating Co.	Project: F-25-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/16/04 10:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bott Comp at 12' bgs	4G09026-01	Soil	07/09/04 09:30	07/09/04 17:30
4 Wall Comp.	4G09026-02	Soil	07/09/04 09:45	07/09/04 17:30
Remd Backfill	4G09026-03	Soil	07/09/04 10:00	07/09/04 17:30

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

Rice Operating Co.	Project: F-25-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/16/04 10:29

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Remd Backfill	4G09026-03	Soil	07/09/04 10:00	07/09/04 17:30

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Rice Operating Co.	Project: F-25-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/16/04 10:29

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bott Comp at 12' bgs (4G09026-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG41301	07/12/04	07/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*84.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*73.0 %*	*70-130*		"	"	"	"	
4 Wall Comp. (4G09026-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG41301	07/12/04	07/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*74.0 %*	*70-130*		"	"	"	"	
Remd Backfill (4G09026-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG41301	07/12/04	07/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.8 %*	*70-130*		"	"	"	"	

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122 W. Taylor	Project Number: None given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/16/04 10:29

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bott Comp at 12' bgs (4G09026-01) Soil									
Chloride	**510**	20.0	mg/kg Wet	2	EG41208	07/12/04	07/12/04	SW 846 9253	
% Solids	**89.0**		%	1	EG41209	07/10/04	07/12/04	% calculation	
4 Wall Comp. (4G09026-02) Soil									
Chloride	**585**	20.0	mg/kg Wet	2	EG41208	07/12/04	07/12/04	SW 846 9253	
% Solids	**95.0**		%	1	EG41209	07/10/04	07/12/04	% calculation	
Remd Backfill (4G09026-03) Soil									
Chloride	**755**	20.0	mg/kg Wet	2	EG41208	07/12/04	07/12/04	SW 846 9253	
% Solids	**99.0**		%	1	EG41209	07/10/04	07/12/04	% calculation	

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Hobbs NM, 88240	Project Manager: Roy Rascon	07/16/04 10:29

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 EG41301 - Solvent Extraction (GC)										
Blank (EG41301-BLK1)				Prepared & Analyzed: 07/12/04						
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	*37.1*		*mg/kg*	*50.0*		*74.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*38.2*		*"*	*50.0*		*76.4*	*70-130*			
LCS (EG41301-BS1)				Prepared & Analyzed: 07/12/04						
Gasoline Range Organics C6-C12	407	10.0	mg/kg wet	500		81.4	75-125			
Diesel Range Organics >C12-C35	405	10.0	"	500		81.0	75-125			
Total Hydrocarbon C6-C35	812	10.0	"	1000		81.2	75-125			
Surrogate: 1-Chlorooctane	*44.7*		*mg/kg*	*50.0*		*89.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*39.0*		*"*	*50.0*		*78.0*	*70-130*			
LCS Dup (EG41301-BSD1)				Prepared & Analyzed: 07/12/04						
Gasoline Range Organics C6-C12	406	10.0	mg/kg wet	500		81.2	75-125	0.246	20	
Diesel Range Organics >C12-C35	471	10.0	"	500		94.2	75-125	15.1	20	
Total Hydrocarbon C6-C35	876	10.0	"	1000		87.6	75-125	7.58	20	
Surrogate: 1-Chlorooctane	*47.0*		*mg/kg*	*50.0*		*94.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.5*		*"*	*50.0*		*73.0*	*70-130*			
Calibration Check (EG41301-CCV1)				Prepared & Analyzed: 07/12/04						
Gasoline Range Organics C6-C12	409		mg/kg	500		81.8	80-120			
Diesel Range Organics >C12-C35	490		"	500		98.0	80-120			
Total Hydrocarbon C6-C35	899		"	1000		89.9	80-120			
Surrogate: 1-Chlorooctane	*49.3*		*"*	*50.0*		*98.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.0*		*"*	*50.0*		*70.0*	*70-130*			

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122 W. Taylor	Project Number: None given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	07/16/04 10:29

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 EG41208 - Water Extraction										
Blank (EG41208-BLK1)				Prepared & Analyzed: 07/12/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EG41208-MS1)		Source: 4G09026-02		Prepared & Analyzed: 07/12/04						
Chloride	1000	20.0	mg/kg Wet	500	585	83.0	80-120			
Matrix Spike Dup (EG41208-MSD1)		Source: 4G09026-02		Prepared & Analyzed: 07/12/04						
Chloride	1000	20.0	mg/kg Wet	500	585	83.0	80-120	0.00	20	
Reference (EG41208-SRM1)				Prepared & Analyzed: 07/12/04						
Chloride	5000		mg/kg	5000		100	80-120			
Batch EG41209 - General Preparation (Prep)										
Blank (EG41209-BLK1)				Prepared: 07/10/04 Analyzed: 07/12/04						
% Solids	100		%							
Blank (EG41209-BLK2)				Prepared: 07/10/04 Analyzed: 07/12/04						
% Solids	100		%							
Duplicate (EG41209-DUP1)		Source: 4G09022-01		Prepared: 07/10/04 Analyzed: 07/12/04						
% Solids	90.0		%		90.0			0.00	20	
Duplicate (EG41209-DUP2)		Source: 4G09025-01		Prepared: 07/10/04 Analyzed: 07/12/04						
% Solids	92.0		%		92.0			0.00	20	

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

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: 7-16-04

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: Joe Gatts

Project Name: F-25-1
Project #:
Project Loc: BD
PO #: 505

4609026

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4oz glass	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP TDS / Cl / SAR/ESP	TOTAL 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
-01	Bott Comp at 12' bgs	7/9/04	9:30	1	X									X		X			X						
-02	4 WALL Comp	7/9/04	9:45	1	X									X		X			X						
-03	REMD BACKFILL	7/9/04	10:00	1	X									X		X			X						

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 2.0 °C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Gatts	7/9/04	11:15			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
[signature]	7/9/04	12:30	[signature]	7-9-04	1730

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

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-01	Bott Comp at 12' bgs	7/9/04	9:30	1	X									X		X			X						
-02	4 WALL Comp	7/9/04	9:45	1	X									X		X			X						
-03	REMD BACKFILL	7/9/04	10:00	1	X									X		X			X						

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
2.0 °C

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Gatts	7/9/04	11:15			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	7/9/04	1730	Jamie McMurry	7-9-04	1730

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

Client: Rice Operating

Date/Time: 07-09-04 @ 1745

Order #: 4G09026

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	2.0 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	NO LABEL - WRITTEN ON LID
Container labels legible and intact?	Yes	No	NO LABEL - WRITTEN ON LID
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: 02-22-30
EXP. DATE: 11/20/04
METER READING
ACCURACY: 100.1

SERIAL NO: 104412
100 PPM
BALANCE
FILL DATE: 5/20/03
ACCURACY: + or - 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	F-25-1	F	25	21	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Bott Comp 12'	0.1		
4WALL COMP	0.1		
REMD BACKFILL	0.1		
15' North Wall	0.1		
15' South Wall	0.1		
15' East Wall	0.1		
15' West WALL	0.1		

#11 composite samples

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

Joe Bott
Signature

7/9/04
Date

LABORATORY TEST REPORT

PETTIGREW & ASSOCIATES, P.A.

1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827

DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS. III, P.E./P.S.

AASHTO R18

To: Rice Operating
Attn: Carolyn Haynes
122 W. Taylor
Hobbs, NM 88240

Material: Red Clay

Test Method: ASTM: D 2922

Project: General Information
F-25-1

Date of Test: February 22, 2005

Depth: Finished Subgrade

Test No.	Location	Dry Density % Maximum	% Moisture	Depth
SG-1	Pit - 15' W. & 12' N. of the SE Corner	100.4	20.1	

Control Density: 104.6
ASTM: D 698

Optimum Moisture: 21.7

Required Compaction: 95%

Lab No.: 05 2735-2736

Copies To: Rice

PETTIGREW & ASSOCIATES

BY: S.E.T.