1R - 426-135

REPORTS

DATE:

4-1-08

BD Jct F-17-2

IR426-135

CLOSURE

4-1-08

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	jct. F-17-2	F	17	22S	37E	Lea	8	8	6

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

Depth to Groundwater 75 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 10/27/2005 Date Completed 4/13/2006 NMOCD Witness no

Soil Excavated 16 cubic yards Excavation Length 9 Width 3 Depth 16 feet

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

FINAL ANALYTICAL RESULTS:

Sample Date 10/28/2005, 4/13/2006 **Sample Depth** 16, 25 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 16 ft	0.3	<10.0	<10.0	875
SOIL BORE @ 25 ft	0.0	<10.0	<10.0	140

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
delineation trench at junction	11	1030
	12	863
	13	921
	14	1035
	15	777
	16	898
Soil Boring	20	359
	25	87

General Description of Remedial Action: This junction was addressed with the pipeline replacement program. Prior to excavation, the surface surrounding the box did not exhibit any stress as a result of the junction box presence; vegetation was healthy. A delineation trench was made with a backhoe at the junction while soil samples were collected to 16 ft BGS. Chloride field tests and PID readings were performed on each sample. All PID concentrations were very low but chloride concentrations were variable. The trench was backfilled and a new, watertight junction box was built over this location. To further delineate chloride, a soil boring was initiated near the new box on 4/13/2006. While collecting soil samples for chloride field tests, the boring was advanced to a depth of 25 ft BGS where chloride virtually ceased. A laboratory sample was collected and the bore hole was plugged with bentonite. The disturbed surface was 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, chloride graph, soil bore log, excavation cross-section

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

SITE SUPERVISOR Kevin Collins SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 6/7/2007 TITLE Project Scientist

BD jct. F-17-2

undisturbed junction box 4/26/2005

delineation trench at junction with new plumbing 10/13/2005

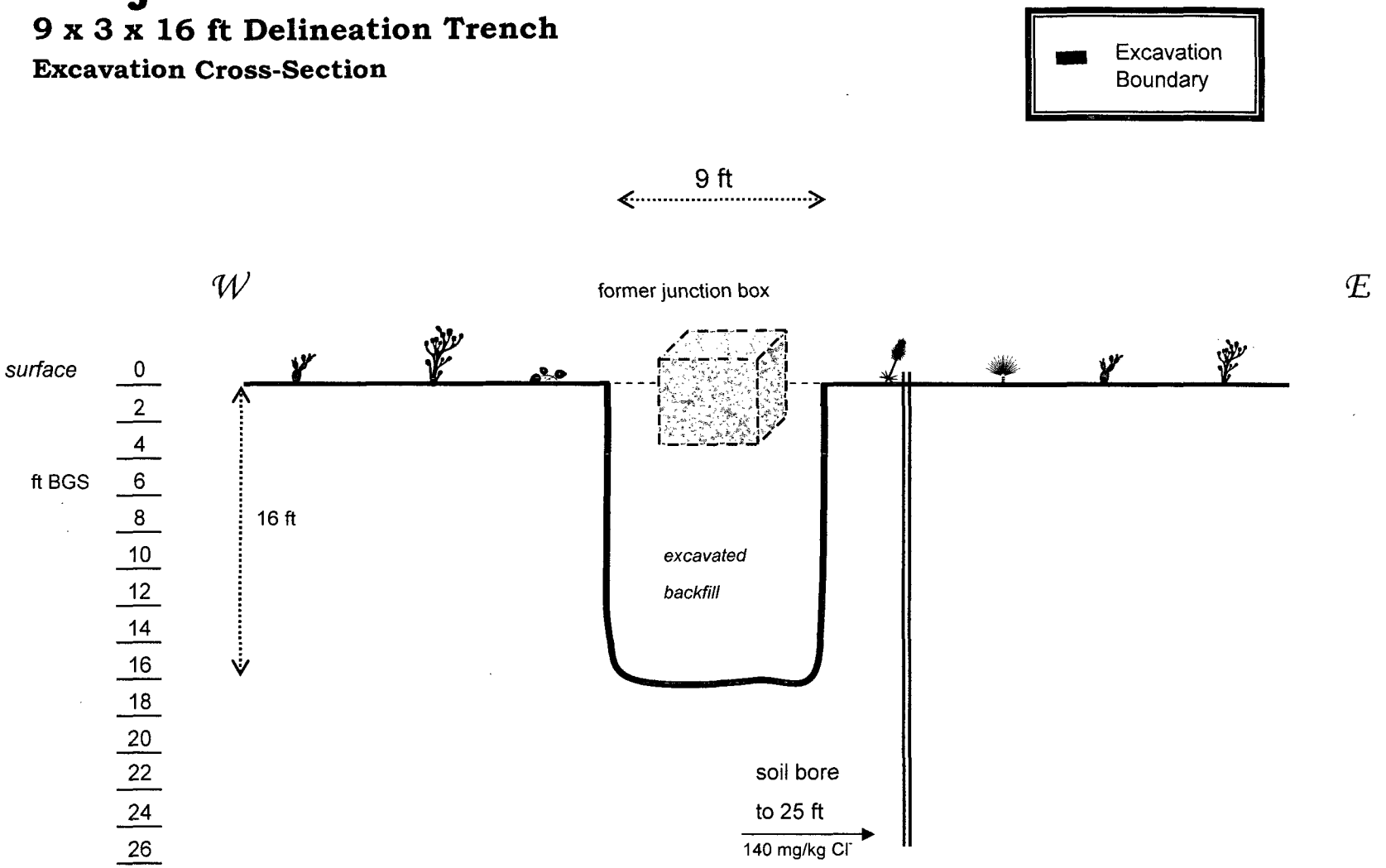
new watertight junction box in same location 3/27/2006

soil boring at junction box site 4/13/2006

BD jct. F-17-2

9 x 3 x 16 ft Delineation Trench

Excavation Cross-Section



Soil Bore

System: BD Location:F-17-2 GW: 75 Landowner:State Lease to Millard Deck

Soil Bore:B1 GPS Coord. System UTM

UL/F Sec. 17 T 22S R 37E Nad 27 Lat. & Long.32*23.578 103*11.209

Depth	Cl.		PID		Color	Time
20'	359		0		Very pale orange fine sand-caliche	
25'	87		0		Mod. Reddish orange fine sand w/Caliche	

Notes:Sent 25' Sample to the lab for lab confirmation. 5-6' of SE corner of box.

Signature Date 4-13-06

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK.	☐	MODEL: PGM 761S	SERIAL NO: 104412
MODEL	☐	MODEL: PGM 761S	SERIAL NO: 104490
NO.	☒	MODEL: PGM 7600	SERIAL NO: 110-12383

LOT NO: 05-2992 GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

FILL DATE: 11/1/05 EXP. DATE: 5/1/07

ACCURACY: +/- 2% METER READING ACCURACY: 101.00

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	F-17-2	F	17	22S	37E

SAMPLE	PID RESULTS	SAMPLE	PID RESULTS
20' bgs	0.0		
25' bgs	0.0		

I verify that I have calibrated the above instrument in accordance to the manufacure operation manual.

SIGNATURE: Melanie Franks DATE: 4-13-06

HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

P.O. Box 96, Wolfforth, Texas 79382-0096

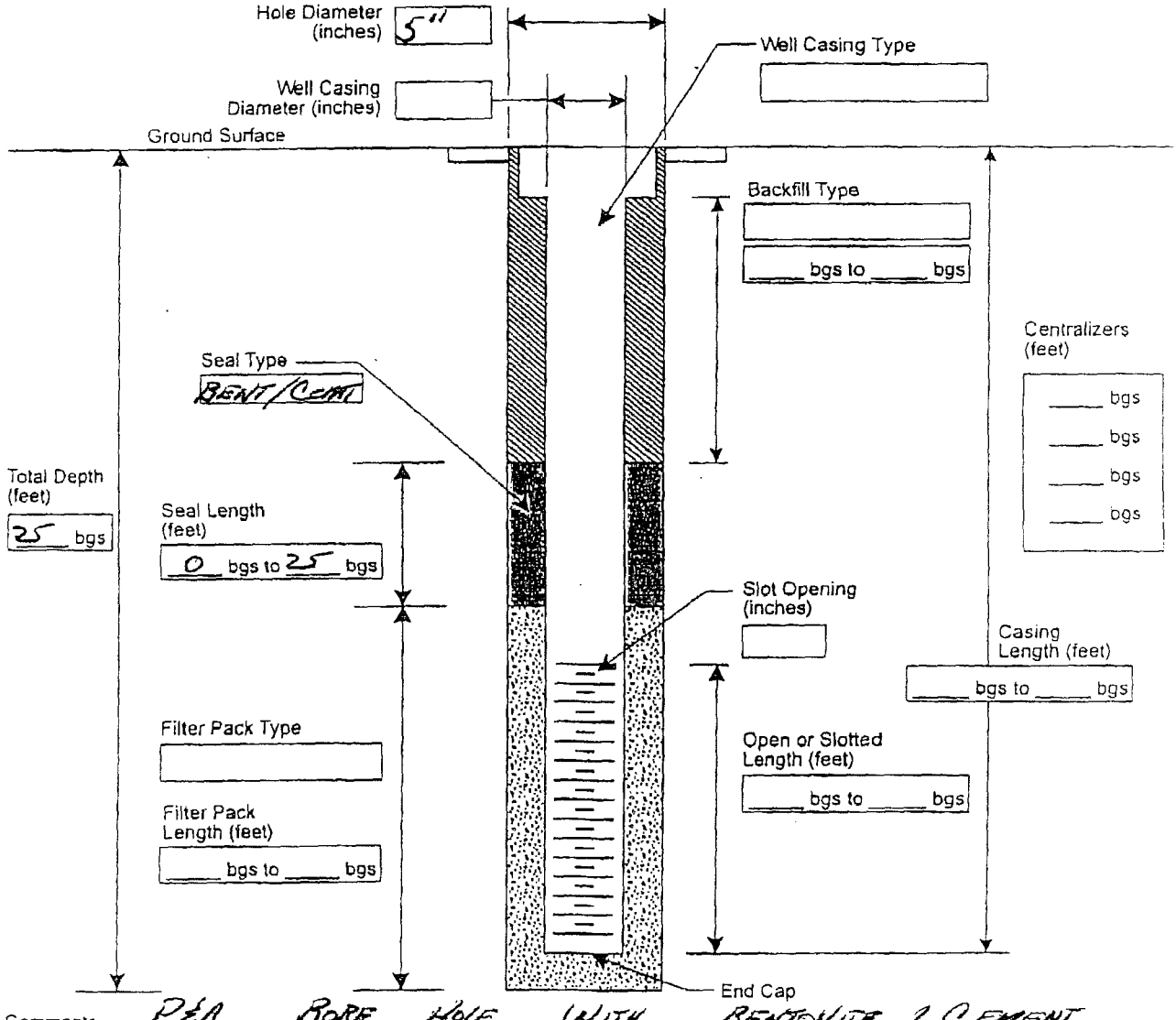
Ph: (806) 866-4026 Fax: (806) 866-4044 Email: harrisoncooperinc@msn.com

Client RICE Project No.

Well No. BORE #1 Site F-17-2 Date Installed 5-13-06

Formation of Completion

Personnel SAM MARTINEZ Driller KEN COOPER



Comments PEA BORE HOLE WITH BENTONITE / CEMENT

Regulated by: Texas Dept. of Licensing & Regulation, Water Well Division, P.O. Box 12157, Austin, TX 78711, (800) 803-9202

BD jct. F-17-2

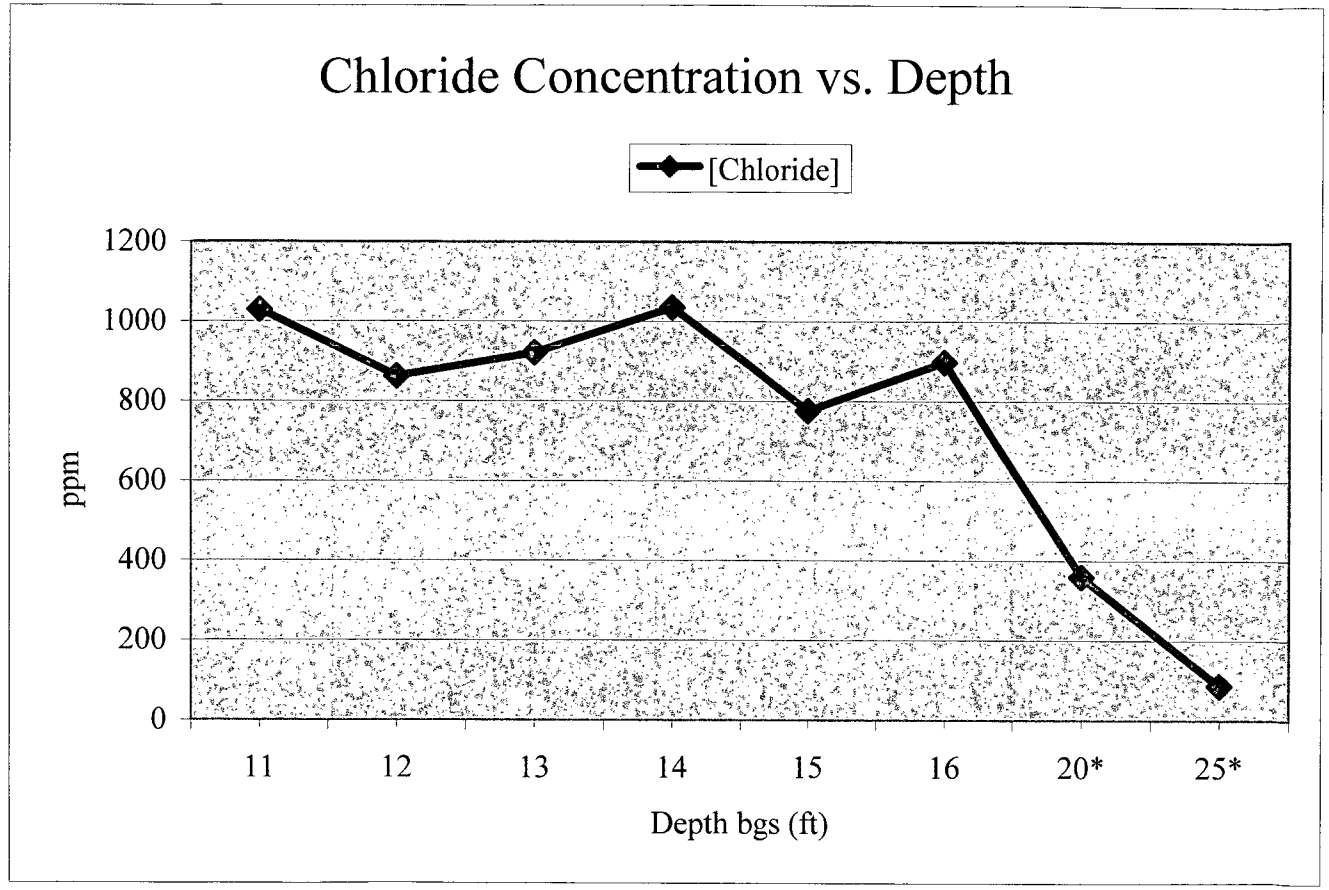
unit 'F', Sec. 17, T22S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl⁻] ppm
11	1030
12	863
13	921
14	1035
15	777
16	898
20*	359
25*	87

Groundwater = 75 ft

* soil boring samples



ENVIRONMENTAL LAB OF
12600 West I-20 East - Odessa, Texas 79765

16 ft trench

Analytical Report

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD Jct. F-17-2

Project Number: None Given

Location: None Given

Lab Order Number: 5K01001

Report Date: 11/08/05

Rice Operating Co.	Project: BD Jct. F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/08/05 10:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert. Source@ 16'	5K01001-01	Soil	10/28/05 08:30	11/01/05 07:50

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

Rice Operating Co.	Project: BD Jct. F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/08/05 10:15

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert. Source@ 16' (5K01001-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50116	11/01/05	11/03/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	

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

Rice Operating Co.	Project: BD Jct. F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/08/05 10:15

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert. Source@ 16' (5K01001-01) Soil									
Chloride	**875**	10.0	mg/kg	20	EK50704	11/04/05	11/07/05	EPA 300.0	
% Moisture	**8.6**	0.1	%	1	EK50205	11/01/05	11/02/05	% calculation	

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

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 EK50116 - Solvent Extraction (GC)										
Blank (EK50116-BLK1)				Prepared: 11/01/05 Analyzed: 11/03/05						
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	*48.0*		*mg/kg*	*50.0*		*96.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.8*		*"*	*50.0*		*93.6*	*70-130*			
LCS (EK50116-BS1)				Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	444	10.0	mg/kg wet	500		88.8	75-125			
Diesel Range Organics >C12-C35	379	10.0	"	500		75.8	75-125			
Total Hydrocarbon C6-C35	823	10.0	"	1000		82.3	75-125			
Surrogate: 1-Chlorooctane	*54.8*		*mg/kg*	*50.0*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.9*		*"*	*50.0*		*104*	*70-130*			
Calibration Check (EK50116-CCV1)				Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	516		mg/kg	500		103	80-120			
Diesel Range Organics >C12-C35	442		"	500		88.4	80-120			
Total Hydrocarbon C6-C35	958		"	1000		95.8	80-120			
Surrogate: 1-Chlorooctane	*58.4*		*"*	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*63.6*		*"*	*50.0*		*127*	*70-130*			
Matrix Spike (EK50116-MS1)	**Source: 5J31007-02**			Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	506	10.0	mg/kg dry	538	ND	94.1	75-125			
Diesel Range Organics >C12-C35	485	10.0	"	538	ND	90.1	75-125			
Total Hydrocarbon C6-C35	991	10.0	"	1080	ND	91.8	75-125			
Surrogate: 1-Chlorooctane	*55.5*		*mg/kg*	*50.0*		*111*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.5*		*"*	*50.0*		*107*	*70-130*			
Matrix Spike Dup (EK50116-MSD1)	**Source: 5J31007-02**			Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	511	10.0	mg/kg dry	538	ND	95.0	75-125	0.983	20	
Diesel Range Organics >C12-C35	485	10.0	"	538	ND	90.1	75-125	0.00	20	
Total Hydrocarbon C6-C35	996	10.0	"	1080	ND	92.2	75-125	0.503	20	
Surrogate: 1-Chlorooctane	*55.0*		*mg/kg*	*50.0*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.6*		*"*	*50.0*		*103*	*70-130*			

Rice Operating Co.	Project: BD Jct. F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	11/08/05 10:15

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 EK50205 - General Preparation (Prep)										
Blank (EK50205-BLK1)				Prepared: 11/01/05 Analyzed: 11/02/05						
% Solids	100		%							
Duplicate (EK50205-DUP1)		Source: 5K01001-01		Prepared: 11/01/05 Analyzed: 11/02/05						
% Solids	91.2		%		91.4			0.219	20	
Batch EK50704 - Water Extraction										
Blank (EK50704-BLK1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	ND	0.500	mg/kg							
LCS (EK50704-BS1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	8.46		mg/L	10.0		84.6	80-120			
Calibration Check (EK50704-CCV1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	8.30		mg/L	10.0		83.0	80-120			
Duplicate (EK50704-DUP1)		Source: 5J25001-05		Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	193	5.00	mg/kg		192			0.519	20	

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

Rice Operating Co.	Project: BD Jct. F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	11/08/05 10:15

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: 11/8/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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

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
Company Address: 122 W Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: 505-393-9174 Fax No: 505-397-1471
Sampler Signature:

Project Name: BOJet F-17-2
Project #:
Project Loc:
PO #:

5K01001

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TCLP: TCLP	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	EC, CEC, SAR, ESP	Major cations/anions; TDS				RUSH TAT (Pre-Schedule)	Standard TAT
-01	Vert. Source @ 16'	10/28/05	08:00A	1		✓								✓		✓			✓												

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -1.5°C
Laboratory Comments: 4oz glass on ice w/labels + seals
seal on cooler

Relinquished by:	Date	Time	Received by:	Date	Time
	10/31/05	2:45P		10/31	1745
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	11/1	7:58	Jamie McMurray	11-01-05	0750

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

Client: Rice Op.

Date/Time: 11/1/05 7:50

Order #: 5K01001

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-1.5 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:

_____

_____

_____

_____

_____

_____

_____

_____

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: 05-2859 FILL DATE: 071905
EXP. DATE: 011907 ACCURACY: ± 2%
METER READING
ACCURACY: 99.9

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	F-17-2				

Source Sample Sent to Lab

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Source @ 16'	0.1		

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

Signature

10/28/05
Date

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

SOIL BORING

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: BD F-17-2

Project Number: None Given

Location: None Given

Lab Order Number: 6D14014

Report Date: 04/21/06

Rice Operating Co.	Project: BD F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/21/06 12:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1@ 25' bgs	6D14014-01	Soil	04/13/06 11:00	04/14/06 10:15

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

Rice Operating Co.	Project: BD F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/21/06 12:04

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1@ 25' bgs (6D14014-01) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61426	04/14/06	04/18/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*97.0 %*	*70-130*		"	"	"	"	

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

Rice Operating Co.	Project: BD F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/21/06 12:04

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1@ 25' bgs (6D14014-01) Soil									
Chloride	**140**	10.0	mg/kg	20	ED62005	04/18/06	04/18/06	EPA 300.0	
% Moisture	**4.9**	0.1	%	1	ED61704	04/14/06	04/17/06	% calculation	

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

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 ED61426 - Solvent Extraction (GC)										
Blank (ED61426-BLK1)				Prepared: 04/14/06 Analyzed: 04/18/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*51.6*		*mg/kg*	*50.0*		*103*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.4*		"	*50.0*		*96.8*	*70-130*			
LCS (ED61426-BS1)				Prepared: 04/14/06 Analyzed: 04/18/06						
Carbon Ranges C6-C12	472	10.0	mg/kg wet	500		94.4	75-125			
Carbon Ranges C12-C28	466	10.0	"	500		93.2	75-125			
Total Hydrocarbon C6-C35	938	10.0	"	1000		93.8	75-125			
Surrogate: 1-Chlorooctane	*51.8*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.2*		"	*50.0*		*86.4*	*70-130*			
Calibration Check (ED61426-CCV1)				Prepared: 04/14/06 Analyzed: 04/18/06						
Carbon Ranges C6-C12	295		mg/kg	250		118	80-120			
Carbon Ranges C12-C28	291		"	250		116	80-120			
Total Hydrocarbon C6-C35	586		"	500		117	80-120			
Surrogate: 1-Chlorooctane	*53.5*		*"*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.4*		"	*50.0*		*88.8*	*70-130*			
Matrix Spike (ED61426-MS1)	**Source: 6D14014-01**			Prepared: 04/14/06 Analyzed: 04/18/06						
Carbon Ranges C6-C12	543	10.0	mg/kg dry	526	ND	103	75-125			
Carbon Ranges C12-C28	534	10.0	"	526	ND	102	75-125			
Total Hydrocarbon C6-C35	1080	10.0	"	1050	ND	103	75-125			
Surrogate: 1-Chlorooctane	*62.8*		*mg/kg*	*50.0*		*126*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.3*		"	*50.0*		*101*	*70-130*			

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 ED61426 - Solvent Extraction (GC)										
Matrix Spike Dup (ED61426-MSD1)	**Source: 6D14014-01**			Prepared: 04/14/06 Analyzed: 04/18/06						
Carbon Ranges C6-C12	529	10.0	mg/kg dry	526	ND	101	75-125	2.61	20	
Carbon Ranges C12-C28	522	10.0	"	526	ND	99.2	75-125	2.27	20	
Total Hydrocarbon C6-C35	1050	10.0	"	1050	ND	100	75-125	2.82	20	
Surrogate: 1-Chlorooctane	*61.5*		*mg/kg*	*50.0*		*123*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.8*		*"*	*50.0*		*99.6*	*70-130*			

Rice Operating Co.	Project: BD F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/21/06 12:04

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 ED61704 - General Preparation (Prep)										
Blank (ED61704-BLK1)				Prepared: 04/14/06 Analyzed: 04/17/06						
% Solids	100		%							
Duplicate (ED61704-DUP1)	**Source: 6D13017-01**			Prepared: 04/14/06 Analyzed: 04/17/06						
% Solids	96.1		%		92.4			3.93	20	
Duplicate (ED61704-DUP2)	**Source: 6D14008-03**			Prepared: 04/14/06 Analyzed: 04/17/06						
% Solids	95.6		%		95.7			0.105	20	
Batch ED62005 - Water Extraction										
Blank (ED62005-BLK1)				Prepared & Analyzed: 04/18/06						
Chloride	ND	0.500	mg/kg							
LCS (ED62005-BS1)				Prepared & Analyzed: 04/18/06						
Chloride	9.08		mg/L	10.0		90.8	80-120			
Calibration Check (ED62005-CCV1)				Prepared & Analyzed: 04/18/06						
Chloride	8.90		mg/L	10.0		89.0	80-120			
Duplicate (ED62005-DUP1)	**Source: 6D14016-01**			Prepared & Analyzed: 04/18/06						
Chloride	1960	25.0	mg/kg		1930			1.54	20	

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

Rice Operating Co.	Project: BD F-17-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	04/21/06 12:04

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: 4/21/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, 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: Kristen Farris Pope
Company Name: Rice Operating Company
Company Address: 122 W Taylor
City/State/Zip: Hobbs NM 88240
Telephone No: (505) 393-9174
Fax No:
Sampler Signature: Melanie Franks

Project Name: BD F-17-2
Project #:
Project Loc:
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 (TCLP: / TOTAL:): 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)
1	B1 @ 25' bgs	4/13/00	11:07	1	X									X		X			X											

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: 4.5

Relinquished by:	Date	Time	Received by:	Date	Time
Melanie Franks	4/13/00	4:03	[signature]	4/13	18:00
Relinquished by: [signature]	4/14	10:15	Received by ELOT: [signature]	4/14/00	10:15

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

ent: Duke OP.

te/Time: 4/19/06 10:15

der #: 6D140194

ials: CK

Sample Receipt Checklist

nperature of container/cooler?	Yes	No	1.5 C
pping container/cooler in good condition?	Yes	No	
stody Seals intact on shipping container/cooler?	Yes	No	Not present
stody Seals intact on sample bottles?	Yes	No	Not present
ain of custody present?	Yes	No	
mple Instructions complete on Chain of Custody?	Yes	No	
ain of Custody signed when relinquished and received?	Yes	No	
ain of custody agrees with sample label(s)	Yes	No	
ntainer labels legible and intact?	Yes	No	
mple Matrix and properties same as on chain of custody?	Yes	No	
mples in proper container/bottle?	Yes	No	
mples properly preserved?	Yes	No	
mple bottles intact?	Yes	No	
servations documented on Chain of Custody?	Yes	No	
ntainers documented on Chain of Custody?	Yes	No	
fficient sample amount for indicated test?	Yes	No	
samples received within sufficient hold time?	Yes	No	
C samples have zero headspace?	Yes	No	Not Applicable

her observations:

Variance Documentation:

ntact Person: - Date/Time: Contacted by:

egarding:

rrective Action Taken: