

1R - 426-131

REPORTS

DATE:

2006

BD Hendrix Weatherly EOL

1R-426-131

RECEIVED

APR - 3 2007
Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	Hendrix Weatherly EOL	G	17	21S	37E	Lea	Length	Width	Depth
							moved 40 ft South		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Millard Deck Estate OTHER _____

Depth to Groundwater 73 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/15/2003 Date Completed 5/17/2005 NMOCD Witness no

Soil Excavated 67 cubic yards Excavation Length 15 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/28/2005 Sample Depth 12 ft

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 laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	16.3	<10.0	57.6	165
BOTTOM COMP.	13.9	<10.0	76.8	184
BACKFILL COMP.	26.8	<10.0	108	244

LOCATION	DEPTH (ft)	[Cl] ppm
4-wall comp.	n/a	207
bottom comp.	12	155
backfill comp.	n/a	193

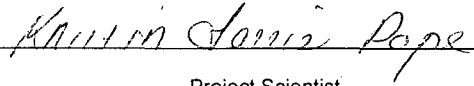
General Description of Remedial Action:

This junction box was addressed during the pipeline replacement/upgrade program. Once the junction box lumber was removed, delineation trenches were made using a backhoe to collect samples at regular intervals. Chloride field tests and PID readings were conducted on each sample. Chloride and organic headspace concentrations were very low throughout and composite samples were collected from the final 10 x 15 x 12-ft-deep excavation for laboratory confirmation. The excavated soil was blended on site and then backfilled into the excavation and contoured to the surrounding terrain. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. A new, watertight replacement junction box was built approx. 40 ft south of this site.

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.

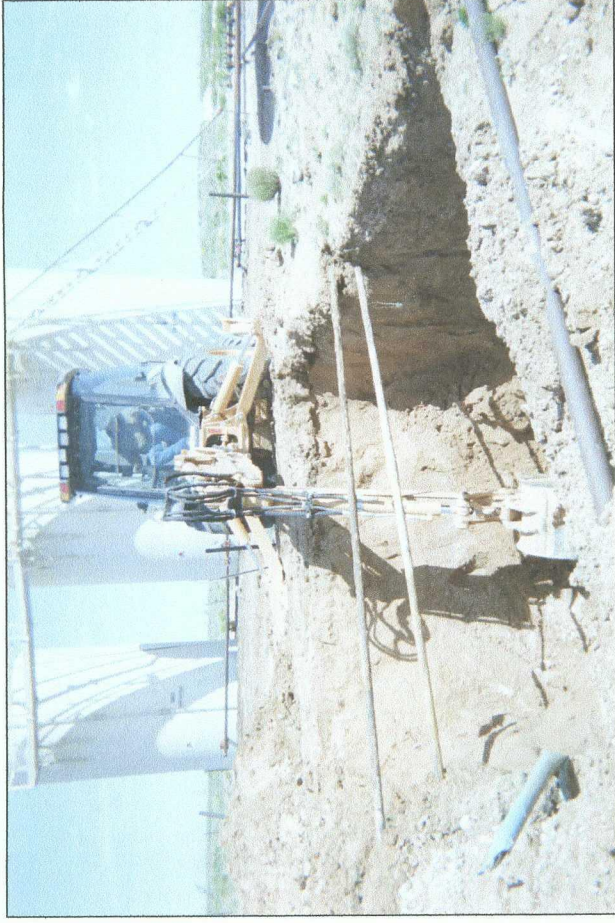
SITE SUPERVISOR Israel Juarez SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 
DATE 4/19/2006 TITLE Project Scientist

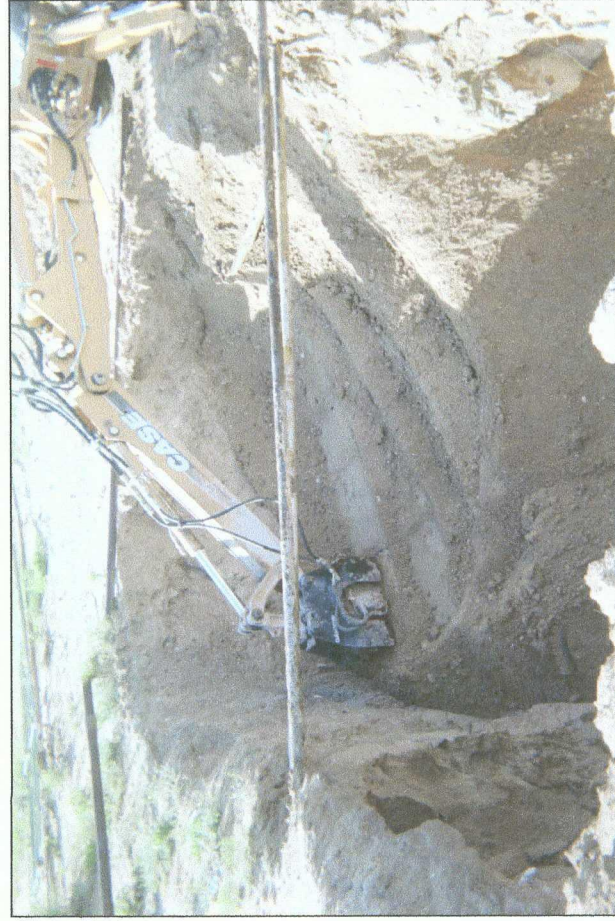
BD Hendrix Weatherly EOL



box lumber & junction removed; prior to excavation 7/15/2003



delineation & excavation 4/22/2005



compacting backfill 5/17/2006



seeding disturbed surface; new junction box in foreground (right) 4/21/2006

Rice Operating Company

HOBBS, NEW MEXICO 88240

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

VOC FIELD TEST REPORT FORM

MODEL NO: PGM 76IS
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE AIR

SERIAL NO: 104412

LOT NO: 03-2475
EXP. DATE: 1-7-06
METER READING
ACCURACY: 100.4

100 PPM
BALANCE
FILL DATE: 7-7-04
ACCURACY: ± 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	Hendrix Weatherly 901	6	17	21	37

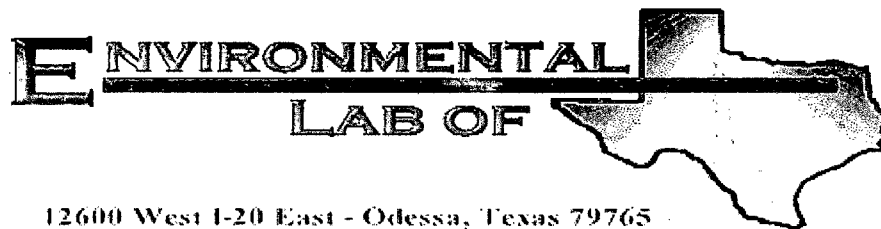
SAMPLE	PID RESULT	SAMPLE	PID RESULT
Rem Backfill	26.8		
Bottom Comp @ 12	13.9		
5 North Comp	54.1		
5 South Wall Comp	7.3		
5 East Wall Comp	19.1		
10 West Wall Comp	7.5		
4 Wall Comp	16.3		

COPY

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

Signature Brad Hargis

Date 4/28/05



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

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

COPY

Project: BD Hendrix Weatherly eol

Project Number: None Given

Location: None Given

Lab Order Number: 5E02012

Report Date: 05/04/05

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

Project: BD Hendrix Weatherly col
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/04/05 16:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Comp. at 12'	5E02012-01	Soil	04/28/05 13:03	04/30/05 08:30
Remediated Backfill	5E02012-02	Soil	04/28/05 10:56	04/30/05 08:30
4 Wall Comp.	5E02012-03	Soil	04/28/05 13:34	04/30/05 08:30

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

Project: BD Hendrix Weatherly col
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/04/05 16:06

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Comp. at 12' (SE02012-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE50205	05/02/05	05/02/05	EPA 8015M	
Diesel Range Organics >C12-C35	76.8	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	76.8	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		76.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		71.4 %	70-130		"	"	"	"	
Remediated Backfill (SE02012-02) Soil									
Gasoline Range Organics C6-C12	J [9.83]	10.0	mg/kg dry	1	EE50205	05/02/05	05/02/05	EPA 8015M	J
Diesel Range Organics >C12-C35	108	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	108	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		78.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		72.8 %	70-130		"	"	"	"	
4 Wall Comp. (SE02012-03) Soil									
Gasoline Range Organics C6-C12	J [8.13]	10.0	mg/kg dry	1	EE50205	05/02/05	05/02/05	EPA 8015M	J
Diesel Range Organics >C12-C35	57.6	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	57.6	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		78.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		73.4 %	70-130		"	"	"	"	

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

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Reported:
05/04/05 16:06

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Comp. at 12' (5E02012-01) Soil									
Chloride	184	10.0	mg/kg	20	EE50311	05/03/05	05/03/05	EPA 300.0	
% Moisture	11.6	0.1	%	1	EE50301	05/02/05	"	% calculation	
Remediated Backfill (5E02012-02) Soil									
Chloride	244	25.0	mg/kg	50	EE50311	05/03/05	05/03/05	EPA 300.0	
% Moisture	0.1	0.1	%	1	EE50301	05/02/05	"	% calculation	
4 Wall Comp. (5E02012-03) Soil									
Chloride	165	10.0	mg/kg	20	EE50311	05/03/05	05/03/05	EPA 300.0	
% Moisture	9.1	0.1	%	1	EE50301	05/02/05	"	% calculation	

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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
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Batch EE50205 - Solvent Extraction (GC)

Blank (EE50205-BLK1)

Prepared & Analyzed: 05/02/05

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	38.5		mg/kg	50.0		77.0	70-130			
Surrogate: 1-Chlorooctadecane	37.4		"	50.0		74.8	70-130			

LCS (EE50205-BS1)

Prepared & Analyzed: 05/02/05

Gasoline Range Organics C6-C12	411	10.0	mg/kg wet	500		82.2	75-125			
Diesel Range Organics >C12-C35	444	10.0	"	500		88.8	75-125			
Total Hydrocarbon C6-C35	855	10.0	"	1000		85.5	75-125			
Surrogate: 1-Chlorooctane	35.7		mg/kg	50.0		71.4	70-130			
Surrogate: 1-Chlorooctadecane	39.8		"	50.0		79.6	70-130			

Calibration Check (EE50205-CCV1)

Prepared & Analyzed: 05/02/05

Gasoline Range Organics C6-C12	428		mg/kg	500		85.6	80-120			
Diesel Range Organics >C12-C35	520		"	500		104	80-120			
Total Hydrocarbon C6-C35	948		"	1000		94.8	80-120			
Surrogate: 1-Chlorooctane	46.4		"	50.0		92.8	70-130			
Surrogate: 1-Chlorooctadecane	38.2		"	50.0		76.4	70-130			

Matrix Spike (EE50205-MS1)

Source: 5E02002-01

Prepared & Analyzed: 05/02/05

Gasoline Range Organics C6-C12	411	10.0	mg/kg dry	503	ND	81.7	75-125			
Diesel Range Organics >C12-C35	545	10.0	"	503	ND	108	75-125			
Total Hydrocarbon C6-C35	956	10.0	"	1010	ND	94.7	75-125			
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	70-130			
Surrogate: 1-Chlorooctadecane	36.1		"	50.0		72.2	70-130			

Matrix Spike Dup (EE50205-MSD1)

Source: 5E02002-01

Prepared & Analyzed: 05/02/05

Gasoline Range Organics C6-C12	495	10.0	mg/kg dry	503	ND	98.4	75-125	18.5	20	
Diesel Range Organics >C12-C35	523	10.0	"	503	ND	104	75-125	4.12	20	
Total Hydrocarbon C6-C35	1020	10.0	"	1010	ND	101	75-125	6.48	20	
Surrogate: 1-Chlorooctane	42.0		mg/kg	50.0		84.0	70-130			
Surrogate: 1-Chlorooctadecane	35.8		"	50.0		71.6	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 6

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

Project: BD Hendrix Weatherly col
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
05/04/05 16:06

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 EE50301 - General Preparation (Prep)										
Blank (EE50301-BLK1)				Prepared: 05/02/05 Analyzed: 05/03/05						
% Moisture	ND	0.1	%							
Duplicate (EE50301-DUP1)				Source: SE02002-01 Prepared: 05/02/05 Analyzed: 05/03/05						
% Moisture	0.5	0.1	%		0.5			0.00	20	
Batch EE50311 - Water Extraction										
Blank (EE50311-BLK1)				Prepared & Analyzed: 05/03/05						
Chloride	ND	0.500	mg/kg							
LCS (EE50311-BS1)				Prepared & Analyzed: 05/03/05						
Chloride	10.2		mg/L	10.0		102	80-120			
Calibration Check (EE50311-CCV1)				Prepared & Analyzed: 05/03/05						
Chloride	10.7		mg/L	10.0		107	80-120			
Duplicate (EE50311-DUP1)				Source: SE02004-01 Prepared & Analyzed: 05/03/05						
Chloride	634	100	mg/kg		636			0.315	20	

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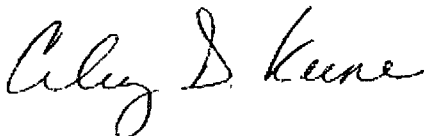
Fax: (505) 397-1471

Reported:
05/04/05 16:06

Notes and Definitions

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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:



Date:

5/4/2005

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 Sanchez, Lab Tech.

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

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

Project Name: BD Hendrix Weatherly col

Company Name Rice Operating Company

Project #:

Company Address: 122 W Taylor

Project Loc:

City/State/Zip: Hobbs, NM 88240

註

Telephone No: 505-393-9174

Fax No: 505-397-1471

Sampler Signature:

Edward Ford

[illegible]

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

Client: PWC Operating
 Date/Time: 5/2/05 8:30
 Order #: 5E020R
 Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	2.0	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/>	No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/>	No	Not present	
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/>	No	Not present	
Chain of custody present?	<input checked="" type="checkbox"/>	No		
Sample instructions complete on Chain of Custody?	<input checked="" type="checkbox"/>	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/>	No		
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/>	No		
Container labels legible and intact?	<input checked="" type="checkbox"/>	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/>	No		
Samples in proper container/bottle?	<input checked="" type="checkbox"/>	No		
Samples properly preserved?	<input checked="" type="checkbox"/>	No		
Sample bottles intact?	<input checked="" type="checkbox"/>	No		
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/>	No		
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	No		
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/>	No		
All samples received within sufficient hold time?	<input checked="" type="checkbox"/>	No		
VOC samples have zero headspace?	<input checked="" type="checkbox"/>	No	Not Applicable	

Other observations:

Variance Documentation:

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

Corrective Action Taken:
