

1R - 426-113

# REPORTS

DATE:

12/12/2005

BD Jct P-26-3

1R0426-113

# Final Report

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	P-26-3 (two boxes)	P	26	21S	37E	Lea	not yet built as of report date		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Delrose Scott OTHER \_\_\_\_\_

Depth to Groundwater 47 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/21/2005 Date Completed 10/25/2005 NMOCD Witness no

Soil Excavated 8 cubic yards Excavation Length 8 Width 3 Depth 9 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 10/25/2005 Sample Depth 9 ft

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 @ 9 ft BGS	3.4	<10.0	<10.0	14.6

LOCATION	DEPTH (ft)	ppm
trench between boxes	7	185
	8	159
	9	156

**General Description of Remedial Action:**

This location contained two adjacent junction boxes. The boxes were addressed as part of the pipeline replacement program. After initial investigation, a vertical delineation trench was made between the two boxes using a backhoe. Soil samples were collected at depths of 7, 8, and 9 ft BGS. The soil samples did not exhibit any indications of hydrocarbon or salt impact and chloride field tests and PID screenings on these samples were very low. A grab sample at 9 ft BGS was analyzed at a laboratory and yielded a very low chloride concentration of 14.6 ppm and TPH concentrations were below detection limits (<10.0 ppm). The excavated soil was blended on site and then backfilled into the trench. The disturbed surface will be seeded as part of the pipeline replacement program and these junction boxes will be replaced with a new watertight junction box.

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 Kevin Collins SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE   
DATE 12/12/2005 TITLE Project Scientist

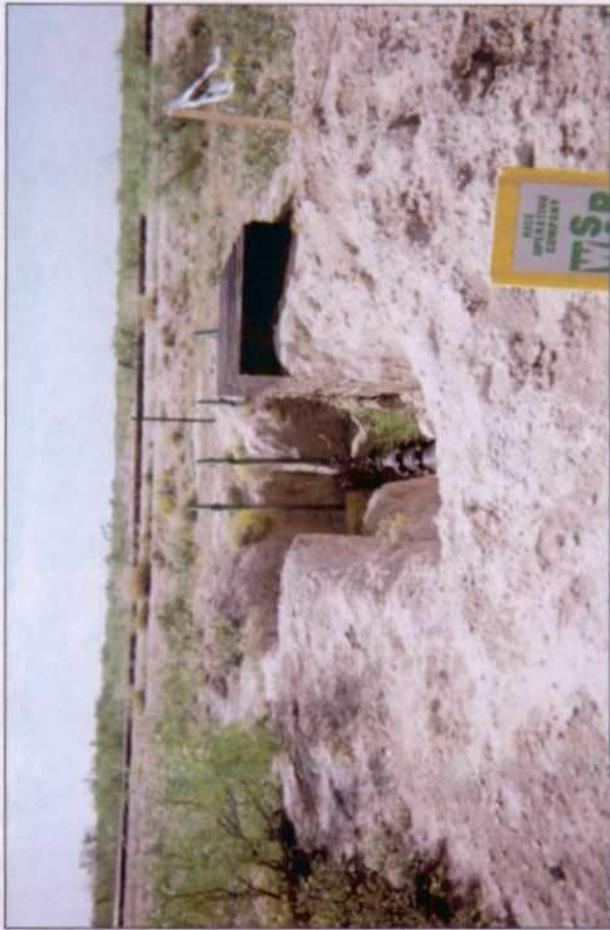


undisturbed boxes

7/22/2003

# BD jct. P-26-3

Unit 'P', Sec. 26, T21S, R37E

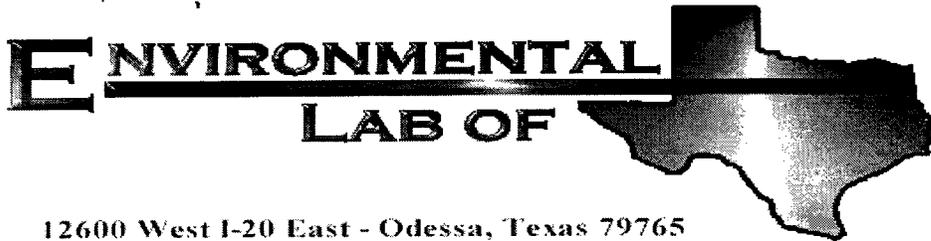


delineation trench between junctions

Oct. 2005



trench backfilled; pipeline replaced, site ready for new box  
Nov. 2005



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: BD Jct. P-26-3  
Project Number: None Given  
Location: None Given

Lab Order Number: 5J27002

Report Date: 11/02/05

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

Project: BD Jct. P-26-3  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

**Reported:**  
11/02/05 11:19

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ source 9'	5J27002-01	Soil	10/25/05 09:00	10/26/05 17:00

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240	Project: BD Jct. P-26-3 Project Number: None Given Project Manager: Roy Rascon	Fax: (505) 397-1471  <b>Reported:</b> 11/02/05 11:19
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**Organics by GC**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Vert.@ source 9' (5J27002-01) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EJ52702	10/27/05	10/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		<i>101 %</i>	<i>70-130</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 1-Chlorooctadecane</i>		<i>120 %</i>	<i>70-130</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240	Project: BD Jct. P-26-3 Project Number: None Given Project Manager: Roy Rascon	Fax: (505) 397-1471  <b>Reported:</b> 11/02/05 11:19
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**General Chemistry Parameters by EPA / Standard Methods  
Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Vert.@ source 9' (5J27002-01) Soil</b>									
Chloride	14.6	5.00	mg/kg	10	EK50206	10/31/05	11/02/05	EPA 300.0	
% Moisture	11.0	0.1	%	1	EJ52801	10/27/05	10/28/05	% calculation	

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

Project: BD Jct. P-26-3  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
11/02/05 11:19

### 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 EJ52702 - Solvent Extraction (GC)

##### Blank (EJ52702-BLK1)

Prepared: 10/27/05 Analyzed: 10/28/05

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	"							
<i>Surrogate: 1-Chlorooctane</i>	51.9		mg/kg	50.0		104	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	40.9		"	50.0		81.8	70-130			

##### LCS (EJ52702-BS1)

Prepared: 10/27/05 Analyzed: 10/28/05

Gasoline Range Organics C6-C12	461	10.0	mg/kg wet	500		92.2	75-125			
Diesel Range Organics >C12-C35	430	10.0	"	500		86.0	75-125			
Total Hydrocarbon C6-C35	891	10.0	"	1000		89.1	75-125			
<i>Surrogate: 1-Chlorooctane</i>	49.8		mg/kg	50.0		99.6	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	48.3		"	50.0		96.6	70-130			

##### Calibration Check (EJ52702-CCV1)

Prepared: 10/27/05 Analyzed: 10/28/05

Gasoline Range Organics C6-C12	484		mg/kg	500		96.8	80-120			
Diesel Range Organics >C12-C35	481		"	500		96.2	80-120			
Total Hydrocarbon C6-C35	965		"	1000		96.5	80-120			
<i>Surrogate: 1-Chlorooctane</i>	55.7		"	50.0		111	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	54.9		"	50.0		110	70-130			

##### Matrix Spike (EJ52702-MS1)

Source: 5J26001-12

Prepared: 10/27/05 Analyzed: 10/28/05

Gasoline Range Organics C6-C12	541	10.0	mg/kg dry	561	ND	96.4	75-125			
Diesel Range Organics >C12-C35	502	10.0	"	561	16.3	86.6	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1120	16.3	91.4	75-125			
<i>Surrogate: 1-Chlorooctane</i>	53.5		mg/kg	50.0		107	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	48.7		"	50.0		97.4	70-130			

##### Matrix Spike Dup (EJ52702-MSD1)

Source: 5J26001-12

Prepared: 10/27/05 Analyzed: 10/28/05

Gasoline Range Organics C6-C12	553	10.0	mg/kg dry	561	ND	98.6	75-125	2.19	20	
Diesel Range Organics >C12-C35	501	10.0	"	561	16.3	86.4	75-125	0.199	20	
Total Hydrocarbon C6-C35	1050	10.0	"	1120	16.3	92.3	75-125	0.957	20	
<i>Surrogate: 1-Chlorooctane</i>	55.8		mg/kg	50.0		112	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	51.4		"	50.0		103	70-130			

**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
<b>Batch EJ52801 - General Preparation (Prep)</b>										
<b>Blank (EJ52801-BLK1)</b> Prepared: 10/27/05 Analyzed: 10/28/05										
% Solids	100		%							
<b>Duplicate (EJ52801-DUP1)</b> Source: 5J26010-01 Prepared: 10/27/05 Analyzed: 10/28/05										
% Solids	93.2		%		92.3			0.970	20	
<b>Duplicate (EJ52801-DUP2)</b> Source: 5J27015-01 Prepared: 10/27/05 Analyzed: 10/28/05										
% Solids	87.8		%		86.1			1.96	20	
<b>Batch EK50206 - Water Extraction</b>										
<b>Blank (EK50206-BLK1)</b> Prepared: 10/31/17 Analyzed: 11/02/05										
Chloride	ND	0.500	mg/kg							
<b>LCS (EK50206-BS1)</b> Prepared: 10/31/17 Analyzed: 11/02/05										
Chloride	8.58		mg/L	10.0		85.8	80-120			
<b>Calibration Check (EK50206-CCV1)</b> Prepared: 10/31/17 Analyzed: 11/02/05										
Chloride	8.46		mg/L	10.0		84.6	80-120			
<b>Duplicate (EK50206-DUP1)</b> Source: 5J19010-03 Prepared: 10/31/17 Analyzed: 11/02/05										
Chloride	130	5.00	mg/kg		133			2.28	20	

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

Project: BD Jct. P-26-3  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
11/02/05 11:19

### 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: 11-09-05

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.

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# Environmental Lab of Texas

## Variance / Corrective Action Report – Sample Log-In

Client: Rice Op.

Date/Time: 10/26/05 17:00

Order #: 55240

Initials: UK

### 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:

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### Variance Documentation:

Contact Person: - \_\_\_\_\_ Date/Time: \_\_\_\_\_ Contacted by: \_\_\_\_\_  
 Regarding: \_\_\_\_\_

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Corrective Action Taken:

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