

1R - 426-141

REPORTS

DATE:

4-1-08

BD Jct I-18

1R425-141

CLOSURE

4-1-08

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	jct. I-18	I	18	22S	37E	Lea	8	7	6

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

Depth to Groundwater 127 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/1/2005 Date Completed 9/22/2005 NMOCD Witness no

Soil Excavated 7 cubic yards Excavation Length 9 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/22/2005 Sample Depth 7 ft

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 (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
source @ 7 ft BGS	0.1	<10.0	<10.0	110

LOCATION	DEPTH (ft)	ppm
background	0.5	114
grab samples at source (junction)	3	905
	5	456
	7	161

General Description of Remedial Action:

This junction was re-plumbed as part of the pipeline replacement/upgrade program. After the old box was removed and the pipeline and connections were replaced, the location was inspected and did not exhibit signs of adverse impact from the junction box. A backhoe was used to excavate a trench to collect soil samples to 7 ft BGS. Field chloride tests revealed chloride concentrations to be low and diminishing with depth. Hydrocarbon concentrations were investigated using a photoionization detector and yielded low concentrations as well. Representative samples were collected for laboratory analysis and results confirmed chloride field tests. TPH concentrations were not detected, meeting NMOCD guidelines. A new, watertight concrete junction box was built over this site. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

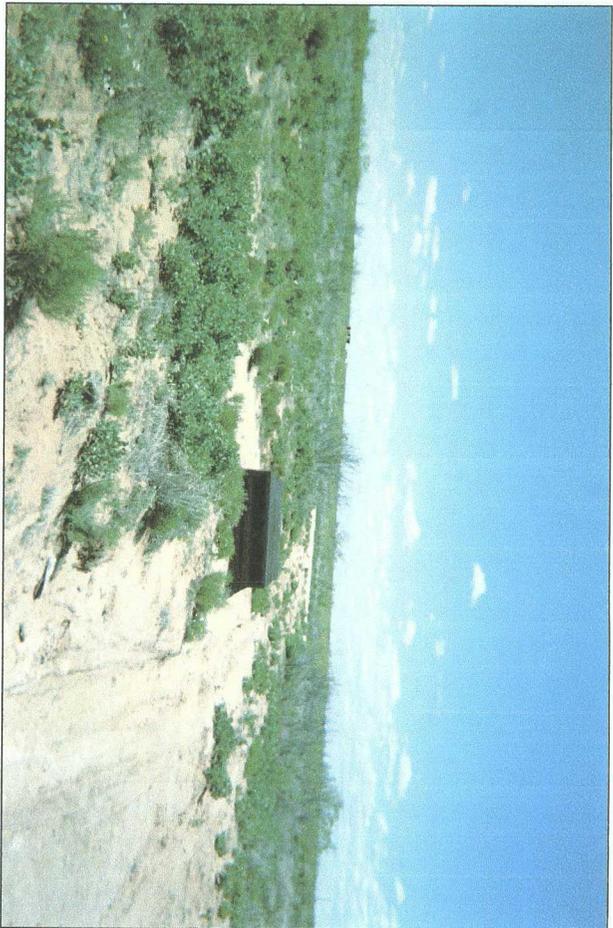
enclosures: photos, lab results, PID field screenings

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

SITE SUPERVISOR Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

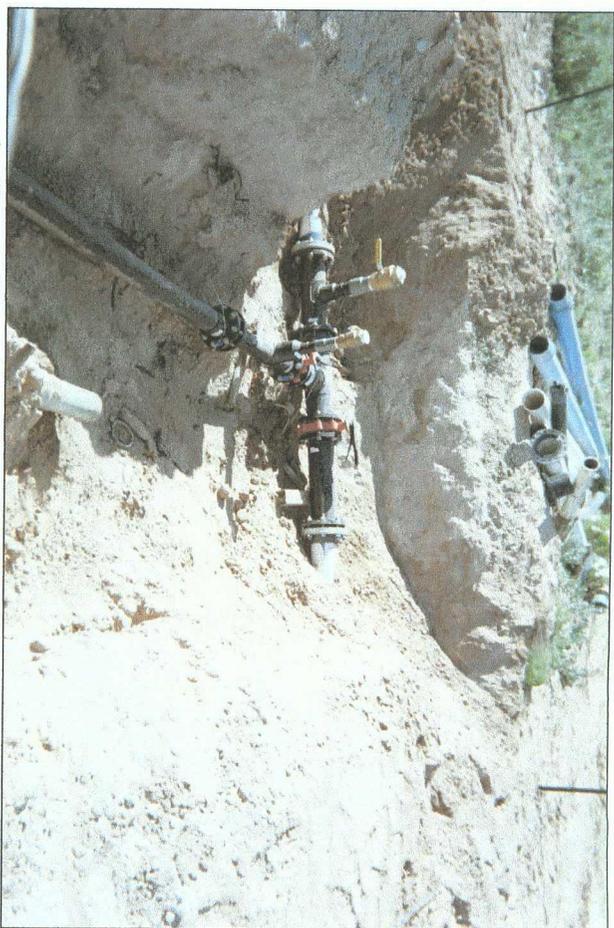
REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 9/10/2007 TITLE Project Scientist

BD jct. I-18



undisturbed junction box

4/25/2005



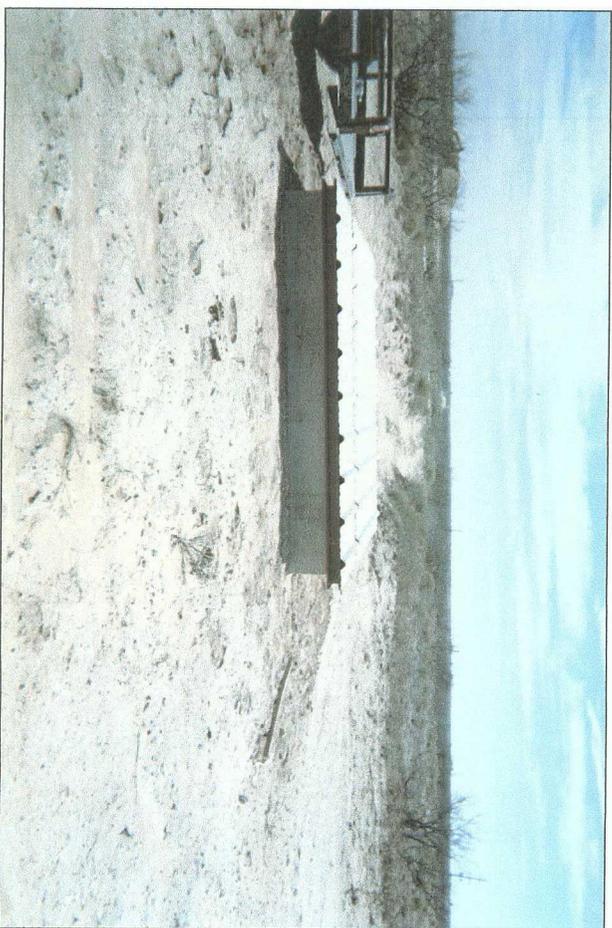
new pipeline and junction connections

8/24/2005



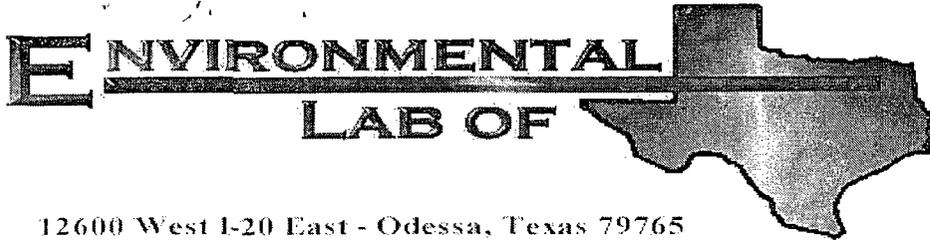
new junction box construction underway

3/6/2006



completed site

4/5/2006



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. I-18
Project Number: None Given
Location: None Given

Lab Order Number: 5I26001

Report Date: 10/04/05

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240	Project: BD Jct. I-18 Project Number: None Given Project Manager: Roy Rascon	Fax: (505) 397-1471 Reported: 10/04/05 15:26
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ 7'	5I26001-01	Soil	09/22/05 14:21	09/23/05 17:45

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

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10/04/05 15:26

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Vert.@ 7' (SI26001-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EIS2710	09/27/05	09/27/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		88.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		79.6 %	70-130		"	"	"	"	

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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
Vert.@ 7' (5126001-01) Soil									
Chloride	110	10.0	mg/kg	20	E152902	09/28/05	09/28/05	EPA 300.0	
% Moisture	12.5	0.1	%	1	E152805	09/28/05	09/28/05	% calculation	

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 EI52710 - Solvent Extraction (GC)

Blank (EI52710-BLK1)

Prepared & Analyzed: 09/27/05

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>	45.1		mg/kg	50.0		90.2	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	36.4		"	50.0		72.8	70-130			

LCS (EI52710-BS1)

Prepared & Analyzed: 09/27/05

Gasoline Range Organics C6-C12	412	10.0	mg/kg wet	500		82.4	75-125			
Diesel Range Organics >C12-C35	403	10.0	"	500		80.6	75-125			
Total Hydrocarbon C6-C35	815	10.0	"	1000		81.5	75-125			
<i>Surrogate: 1-Chlorooctane</i>	43.6		mg/kg	50.0		87.2	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	38.1		"	50.0		76.2	70-130			

Calibration Check (EI52710-CCV1)

Prepared: 09/27/05 Analyzed: 09/28/05

Gasoline Range Organics C6-C12	401		mg/kg	500		80.2	80-120			
Diesel Range Organics >C12-C35	406		"	500		81.2	80-120			
Total Hydrocarbon C6-C35	807		"	1000		80.7	80-120			
<i>Surrogate: 1-Chlorooctane</i>	46.6		"	50.0		93.2	0-200			
<i>Surrogate: 1-Chlorooctadecane</i>	45.9		"	50.0		91.8	0-200			

Matrix Spike (EI52710-MS1)

Source: 5I26001-01

Prepared & Analyzed: 09/27/05

Gasoline Range Organics C6-C12	463	10.0	mg/kg dry	571	ND	81.1	75-125			
Diesel Range Organics >C12-C35	492	10.0	"	571	ND	86.2	75-125			
Total Hydrocarbon C6-C35	955	10.0	"	1140	ND	83.8	75-125			
<i>Surrogate: 1-Chlorooctane</i>	47.6		mg/kg	50.0		95.2	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	40.1		"	50.0		80.2	70-130			

Matrix Spike Dup (EI52710-MSD1)

Source: 5I26001-01

Prepared & Analyzed: 09/27/05

Gasoline Range Organics C6-C12	465	10.0	mg/kg dry	571	ND	81.4	75-125	0.431	20	
Diesel Range Organics >C12-C35	484	10.0	"	571	ND	84.8	75-125	1.64	20	
Total Hydrocarbon C6-C35	949	10.0	"	1140	ND	83.2	75-125	0.630	20	
<i>Surrogate: 1-Chlorooctane</i>	46.9		mg/kg	50.0		93.8	70-130			
<i>Surrogate: 1-Chlorooctadecane</i>	39.4		"	50.0		78.8	70-130			

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**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 EI52805 - General Preparation (Prep)										
Blank (EI52805-BLK1)										Prepared & Analyzed: 09/28/05
% Solids	100		%							
Duplicate (EI52805-DUP1)		Source: 5126007-01								Prepared & Analyzed: 09/28/05
% Solids	99.7		%		99.7			0.00	20	
Duplicate (EI52805-DUP2)		Source: 5123015-03								Prepared & Analyzed: 09/28/05
% Solids	89.1		%		87.3			2.04	20	
Duplicate (EI52805-DUP3)		Source: 5127006-01								Prepared & Analyzed: 09/28/05
% Solids	98.0		%		98.2			0.204	20	
Duplicate (EI52805-DUP5)		Source: 5127012-03								Prepared & Analyzed: 09/28/05
% Solids	90.8		%		90.4			0.442	20	
Duplicate (EI52805-DUP6)		Source: 5127013-09								Prepared & Analyzed: 09/28/05
% Solids	92.1		%		92.5			0.433	20	
Batch EI52902 - Water Extraction										
Blank (EI52902-BLK1)										Prepared & Analyzed: 09/28/05
Chloride	ND	0.500	mg/kg							
Blank (EI52902-BLK2)										Prepared & Analyzed: 09/28/05
Chloride	ND	0.500	mg/kg							
LCS (EI52902-BS1)										Prepared & Analyzed: 09/28/05
Chloride	8.18		mg/L	10.0		81.8	80-120			

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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 E152902 - Water Extraction										
LCS (E152902-BS2)					Prepared & Analyzed: 09/28/05					
Chloride	8.69		mg/L	10.0		86.9	80-120			
Calibration Check (E152902-CCV1)					Prepared & Analyzed: 09/28/05					
Chloride	8.47		mg/L	10.0		84.7	80-120			
Calibration Check (E152902-CCV2)					Prepared & Analyzed: 09/28/05					
Chloride	8.61		mg/L	10.0		86.1	80-120			
Duplicate (E152902-DUP1)		Source: 5I24001-03			Prepared & Analyzed: 09/28/05					
Chloride	6860	100	mg/kg		7100			3.44	20	
Duplicate (E152902-DUP2)		Source: 5I27012-03			Prepared & Analyzed: 09/28/05					
Chloride	87.2	5.00	mg/kg		86.8			0.460	20	

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10/04/05 15:26

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: Jeanne McMurray Date: 10-05-05

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

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

Client: Rice
 Date/Time: 9/23/05 17:45
 Order #: SI26001
 Initials: CK

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:

