

1R - 426-119

REPORTS

DATE:

2006

BD Jct 6-2

1R426-119

RECEIVED

APR - 3 2007

Environmental Bureau
Oil Conservation Division

Final Report

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	jct. G-27	G	27	21S	37E	Lea	Length	Width	Depth
							moved 50 ft west		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Tom Kennann _____ OTHER _____

Depth to Groundwater 50 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 3/17/2005 Date Completed 6/23/2006 NMOCD Witness no

Soil Excavated 10 cubic yards Excavation Length 9 Width 3 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/17/2005 Sample Depth 10 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 ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 10 ft BGS	0.3	<10.0	<10.0	49

LOCATION	DEPTH (ft)	ppm
delineation trench at junction	5	86
	6	50
	7	53
	8	56
	9	87
	10	83

General Description of Remedial Action: This junction box was addressed with the pipeline replacement/upgrade program. The box was replaced with a new watertight box that was moved approx. 50 ft west of the former box. The former box was removed and the site was delineated using a backhoe to collect soil samples at regular intervals. Chloride field tests and PID screenings were performed at regular intervals. There were no physical indications of impact to the soil and chloride field concentrations were very low. PID concentrations were also very low and the deepest sample from the backhoe trench (10 ft) was sent to a laboratory for confirmation. NMOCD TPH guidelines were met. The excavated soils were blended on site and then backfilled into the trench and the surface was contoured to the surrounding terrain. On 7/6/2006, the disturbed area 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

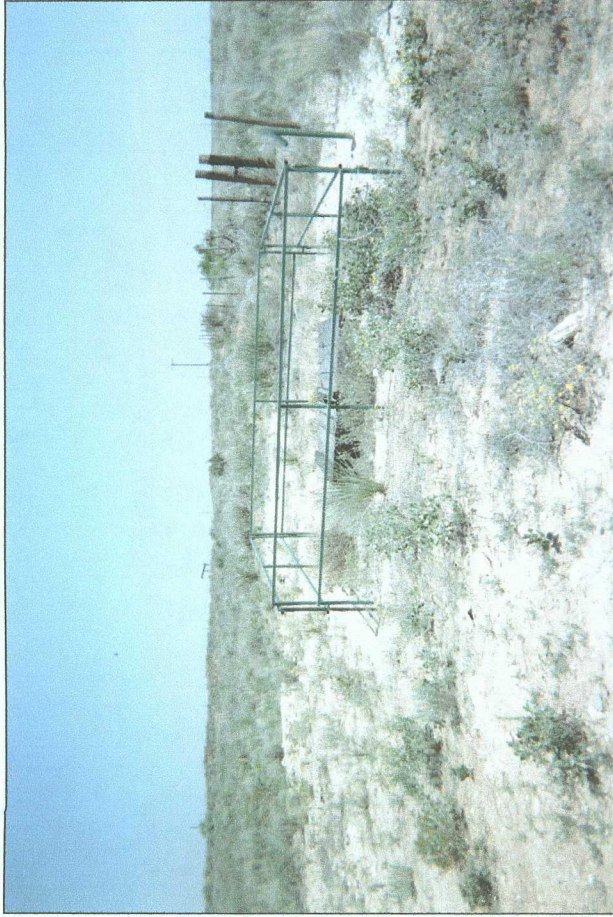
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Israel Juarez SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 
DATE 8/17/2006 TITLE Project Scientist

BD jct. G-27

junction box upgrade



former junction box prior to excavation 2/24/2003



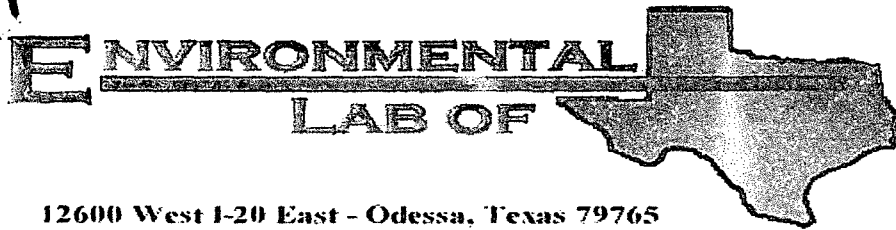
backhoe delineation trench at former box site 3/17/2005



collecting soil sample from backhoe 3/17/2005



seeding backfilled site; new junction box visible behind technician



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 Jct: G-27

Project Number: None Given

Location: None Given

Lab Order Number: 5C18002

Report Date: 03/23/05

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

Project: BD Jct. G-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/23/05 12:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grab Sample at 10'	5C18002-01	Soil	03/17/05 10:15	03/18/05 07:40

Rice Operating Co.	Project: BD Jct. G-27	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	03/23/05 12:18

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Grab Sample at 10' (5C18002-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EC51716	03/18/05	03/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		84.6 %	67.6-140		"	"	"	"	
Surrogate: 1-Chlorooctadecane		81.2 %	70-130		"	"	"	"	

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

Project: BD Jct. G-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/23/05 12:18

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Grab Sample at 10' (5C18002-01) Soil									
Chloride	49.0	5.00	mg/kg	10	EC52217	03/19/05	03/19/05	EPA 300.0	
% Moisture	6.6	0.1	%	1	EC51810	03/18/05	03/21/05	% calculation	

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

Project: BD Jct. G-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/23/05 12:18

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EC51716 - Solvent Extraction (GC)

Blank (EC51716-BLK1)

Prepared: 03/17/05 Analyzed: 03/18/05

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	38.9		mg/kg	50.0		77.8	67.6-140		
Surrogate: 1-Chlorooctadecane	45.6		"	50.0		91.2	70-130		

LCS (EC51716-BS1)

Prepared: 03/17/05 Analyzed: 03/18/05

Gasoline Range Organics C6-C12	448	10.0	mg/kg wet	500		89.6	76.3-104		
Diesel Range Organics >C12-C35	504	10.0	"	500		101	76.1-118		
Total Hydrocarbon C6-C35	952	10.0	"	1000		95.2	81.8-105		
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	67.6-140		
Surrogate: 1-Chlorooctadecane	48.6		"	50.0		97.2	70-130		

Calibration Check (EC51716-CCV1)

Prepared: 03/17/05 Analyzed: 03/18/05

Gasoline Range Organics C6-C12	479		mg/kg	500		95.8	80-120		
Diesel Range Organics >C12-C35	487		"	500		97.4	80-120		
Total Hydrocarbon C6-C35	966		"	1000		96.6	80-120		
Surrogate: 1-Chlorooctane	50.1		"	50.0		100	67.6-140		
Surrogate: 1-Chlorooctadecane	53.9		"	50.0		108	70-130		

Matrix Spike (EC51716-MS1)

Source: 5C17012-01

Prepared: 03/17/05 Analyzed: 03/18/05

Gasoline Range Organics C6-C12	566	10.0	mg/kg dry	569	ND	99.5	75.9-114		
Diesel Range Organics >C12-C35	627	10.0	"	569	31.1	105	85.3-122		
Total Hydrocarbon C6-C35	1190	10.0	"	1140	31.1	102	84.4-115		
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	67.6-140		
Surrogate: 1-Chlorooctadecane	51.8		"	50.0		104	70-130		

Matrix Spike Dup (EC51716-MSD1)

Source: 5C17012-01

Prepared: 03/17/05 Analyzed: 03/19/05

Gasoline Range Organics C6-C12	539	10.0	mg/kg dry	569	ND	94.7	75.9-114	4.89	10.4
Diesel Range Organics >C12-C35	619	10.0	"	569	31.1	103	85.3-122	1.28	10.4
Total Hydrocarbon C6-C35	1160	10.0	"	1140	31.1	99.0	84.4-115	2.55	7.6
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	67.6-140		
Surrogate: 1-Chlorooctadecane	49.3		"	50.0		98.6	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.

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

Project: BD Jct. G-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
03/23/05 12:18

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
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Batch EC51810 - General Preparation (Prep)

Blank (EC51810-BLK1)

Prepared: 03/18/05 Analyzed: 03/21/05

% Moisture	ND	0.1	%							
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Duplicate (EC51810-DUP1)

Source: 5C17012-01

Prepared: 03/18/05 Analyzed: 03/21/05

% Solids	92.3		%		87.8			5.00	20	
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Batch EC52217 - Water Extraction

Blank (EC52217-BLK1)

Prepared & Analyzed: 03/19/05

Chloride	ND	0.500	mg/kg							
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LCS (EC52217-BS1)

Prepared & Analyzed: 03/19/05

Chloride	10.6		mg/L	10.0		106	80-120			
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Calibration Check (EC52217-CCV1)

Prepared & Analyzed: 03/19/05

Chloride	10.0		mg/L	10.0		100	80-120			
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Duplicate (EC52217-DUP1)

Source: 5C17010-21

Prepared & Analyzed: 03/19/05

Chloride	21.0	5.00	mg/kg		23.1			9.52	20	
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Environmental Lab of Texas

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Page 5 of 6

Report Approved By: Coley D. Keene Date: 3/23/2005

Raland K. Tuttle, Lab Manager
Coley 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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Environmental Lab of Texas

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Page 6 of 6

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

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

Project: BD Jct. G-27
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471
Reported:
03/23/05 12:18

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

**12600 West I-20 East
Odessa, Texas 79763**

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon

Project Name: BD, Feb 6-27

Company Name Rice Operating Company

Project #:

Company Address: 122 W Taylor

Project Loc:

City/State/Zip: Hobbs, NM 88240

附

Telephone No: 505-393-9174

Fax No: 505-397-1471

Sampler Signature:

brood frag

Sample signature: Dr. J. J. J.
 Date: 3/17/05
 Time: 10:15
 Location: Grab Sample At 10'
 FIELD CODE: 3/17/05
 Date Sampled: 3/17/05
 Time Sampled: 10:15
 No. of Containers: 1
 Ice: X
 HNO₃:
 HCl:
 NaOH:
 H₂SO₄:
 None:
 Other (Specify):
 Water:
 Sludge:
 Soil: X
 Other (Specify):
 /CL/: X
 TPH TX 1005/1006:
 TPH 8015M GROUNDRO: X
 Metals: As Ag Ba Ca Cr Pb Hg Se:
 Volatiles:
 Semivolatiles:
 BTEX 80218/5030:
 EC, CEC, SAR, ESP:
 Major cations/anions, TDS:
 Standard TAT:
 RUSH TAT (Pm-Schedule):

Analyze For:
 TOLP:
 TOTAL:

Sample Containers Intact? Y
 Temperature Upon Receipt: -2.0°C
 Laboratory Comments: 400-1000000000

Date: 3/18/05 Time: 7:40
 Date: 3/18/05 Time: 7:40

Received by: Drop Box
 Received by ELDT: Drop Box

Date: 3/18/05 Time: 5:00
 Date: 3/18/05 Time: 5:24

Relinquished by: Dr. J. J. J.
 Relinquished by: Dr. J. J. J.

Special Instructions:

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

Client: Rice Operating
 Date/Time: 3/18/05 8:15
 Order #: 5C18002
 Initials: CK

Sample Receipt Checklist

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

Other observations:

Variance Documentation:

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

Corrective Action Taken:

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

100 PPM
BALANCE

LOT NO: 04-2447
EXP. DATE: 5-19-06
METER READING
ACCURACY: 98.9

FILL DATE: 11-19-04
ACCURACY: * 2%

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
BD	6-27	6	27	21	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
At Source			
5'	1.8		
6'	2.7		
7'	0.9		
8'	1.8		
9'	3.4		
10'	2.1		
Grab Sample	0.3		

COPY

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

Signature *Israelfuarez*

Date 3/17/05