1R - 426-121

REPORTS

DATE:

2006

BD Conoco Lockhart A-27

IR-426-121

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		
							Length	Width	Depth
BD	Conoco Lockhart A-27 EOL	C	27	21S	37E	Lea	moved 32 ft East		

A ?

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

Depth to Groundwater 52 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

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

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

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

FINAL ANALYTICAL RESULTS: **Sample Date** 3/17/2005 **Sample Depth** 8 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 @ 8 ft BGS	2.3	<10.0	<10.0	30.6

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical delineation trench at junction	4	77
	5	71
	6	81
	7	118
	8	113

General Description of Remedial Action: This junction box was addressed with the pipeline replacement program; a new watertight replacement box was built 32 ft east of this box. A delineation trench was made at the site of the old junction box using a backhoe. Soil samples were collected at regular intervals to 9 ft BGS. The samples did not exhibit any physical indications of impact. PID screenings performed on the samples were all very low. Chloride field tests exhibited very low concentrations. A grab sample at 9 ft BGS was collected for laboratory analysis and the soils from the trench were blended on site and then backfilled. 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 Israel Juarez SIGNATURE Israel Juarez COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 8/3/2006 TITLE Project Scientist

BD Conoco Lockhart A-27 EOL

unit 'C', section 27, T21S, R37E

undisturbed junction box 7/23/2003

new junction 35 ft east of former 9/5/2003

delineation trench at former box location 3/17/2005

seeding disturbed surface of backfilled trench 7/10/2006

8-4-06
BD CONOCO LOCKHART A-27 EOL

The grab sample was taken at the depth of 8'and sent to the Lab (ELOT) for analysis. In the process of putting the information on the COC the Enviro. Tech. misprinted the sample ID as grab sample at 9'. This sample should have read 8'. The archive sample that is kept in the ROC key shop is also labeled at 8' bgs.

Israel Juarez
8/4/06

COPY

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Grab Sample
Should Be @ 8' BGS
Not 9' BGS
Roy R. Rascon
8-4-06

Analytical Report

Prepared for:

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

Project: BD Jct. Conoco A-27 EOL
Project Number: None Given
Location: None Given

Lab Order Number: 5C18003

Report Date: 03/22/05

Rice Operating Co.	Project: BD Jct. Conoco A-27 EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	03/22/05 14:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grab Sample at 9'	5C18003-01	Soil	03/17/05 11:11	03/18/05 07:40

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

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Grab Sample at 9' (5C18003-01) 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		*87.4 %*	*67.6-140*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*83.8 %*	*70-130*		"	"	"	"	

Rice Operating Co.	Project: BD Jct. Conoco A-27 EOL	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	03/22/05 14:52

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 9' (5C18003-01) Soil									
Chloride	**30.6**	5.00	mg/kg	10	EC52217	03/19/05	03/19/05	EPA 300.0	
% Moisture	**7.7**	0.1	%	1	EC51810	03/18/05	03/21/05	% 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
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*			

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 EC51810 - General Preparation (Prep)										
Blank (EC51810-BLK1)				Prepared: 03/18/05 Analyzed: 03/21/05						
% Moisture	ND	0.1	%							
Duplicate (EC51810-DUP1)		**Source: 5C17012-01**		Prepared: 03/18/05 Analyzed: 03/21/05						
% Solids	92.3		%		87.8			5.00	20	
Batch EC52217 - Water Extraction										
Blank (EC52217-BLK1)				Prepared & Analyzed: 03/19/05						
Chloride	ND	0.500	mg/kg							
LCS (EC52217-BS1)				Prepared & Analyzed: 03/19/05						
Chloride	10.6		mg/L	10.0		106	80-120			
Calibration Check (EC52217-CCV1)				Prepared & Analyzed: 03/19/05						
Chloride	10.0		mg/L	10.0		100	80-120			
Duplicate (EC52217-DUP1)		**Source: 5C17010-21**		Prepared & Analyzed: 03/19/05						
Chloride	21.0	5.00	mg/kg		23.1			9.52	20	

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: Celey D. Keene Date: 03/23/05

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.

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: Israel Juarez

Project Name: BD Jct. Conoco A-27 EOL
Project #:
Project Loc:
PO #:

SC18003

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: / TOTAL: /CL/	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	Grab Sample At 9'	3/17/05	11:11	1	X									X		X			X												

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.0°C
Laboratory Comments:
4oz jar w/seals on ice

Relinquished by:	Date	Time	Received by:	Date	Time
Israel Juarez	3/17/05	5:00p	Drop Box	3/18/05	7:40
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	3/18/05	5:21p	Sandra Sanchez	3/18/05	7:40

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

Client: Rice Operating

Date/Time: 3/18/05 8:15

Order #: 5C18003

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-2.0 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:

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

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

SERIAL NO: 104412

100 PPM
BALANCE
FILL DATE: 11-19-04
ACCURACY: ± 2%

SYSTEM	JUNCION	UNIT	SECTION	TOWNSHIP	RANGE
BD	Conoco A-27 e01	G	27	21	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
At Source			
4'	7.4		
5'	3.8		
6'	2.2		
7'	0.6		
8'	3.8		
Grab Sample @ 8' BGS	2.3		

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

Signature Israel Juarez Date 3/17/05