

1R - 425-14

# REPORTS

DATE:

JAN 9, 2006

Vac ~~1-24~~ EOL  
oxy Swigart

1R0425-14

# Final Report

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Vacuum	OXY Swigart EOL	I	25	17S	34E	Lea	Length	Width	Depth
							System Abandonment—no box		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Roy Pearce & Jr. OTHER \_\_\_\_\_

Depth to Groundwater 75 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/19/2005 Date Completed 12/19/2005 NMOCD Witness no

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

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

**FINAL ANALYTICAL RESULTS:** Sample Date 9/19/2005 Sample Depth 3 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 @ 3 ft BGS	0.0	<10.0	113	178

LOCATION	DEPTH (#)	ppm
vertical trench at junction	1	677
	2	293
	3	155

**General Description of Remedial Action:**

This junction box was addressed as part of the Vacuum SWD System Abandonment. A

delineation trench was made at the former junction location and soil samples were collect at 1, 2, and 3 ft BGS. Chloride field tests performed on the  
samples yielded low concentrations that exhibited a conclusive trend of decline with depth, indicative of unsaturated vadose historical conditions.

PID screenings performed on the samples yielded no VOCs, all 0.0 ppm. The surrounding area did not exhibit any physical indications of adverse  
impact from the junction box. The 3 ft sample was analyzed at a laboratory for confirmation of the field tests. TPH concentrations met NMOCD guidelines.

The excavated soil was blended on site and then backfilled into the trench and contoured to the surrounding terrain. Additional clean fill dirt was needed  
to level the surface. The disturbed area was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

Since the SWD System is no longer in service, a new junction box is not required.

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 A. Rascon* COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE \_\_\_\_\_  
DATE 1/9/2006 TITLE Project Scientist

# Vacuum Oxy Swigart EOL

Unit 'I', Sec. 25, T17S, R34E

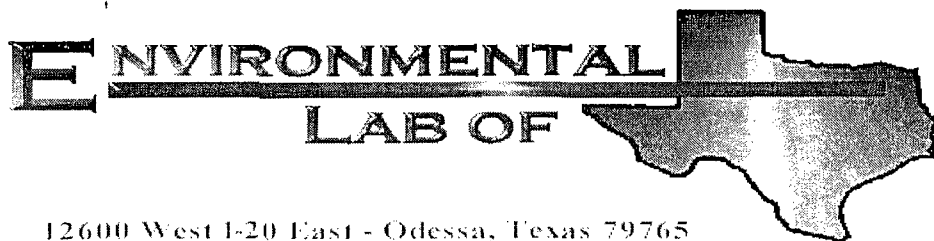


box removed; hole flagged 9/16/2005



seeding disturbed area

1/4/2006



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: Vacuum Oxy Swigart EOL  
Project Number: None Given  
Location: None Given

Lab Order Number: 5122005

Report Date: 09/26/05

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

Project: Vacuum Oxy Swigart EOL  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
09/26/05 16:59

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Vert.@ 3'	5122005-01	Soil	09/19/05 14:46	09/22/05 08:00

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

Project: Vacuum Oxy Swigart EOL  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
09/26/05 16:59

**Organics by GC**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Vert.@ 3' (5122005-01) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	E152304	09/23/05	09/23/05	EPA 8015M	
<b>Diesel Range Organics &gt;C12-C35</b>	<b>113</b>	10.0	"	"	"	"	"	"	
<b>Total Hydrocarbon C6-C35</b>	<b>113</b>	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		78.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		103 %	70-130		"	"	"	"	

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

Project: Vacuum Oxy Swigart EOL  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
09/26/05 16:59

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Vert.@ 3' (5I22005-01) Soil</b>									
Chloride	178	10.0	mg/kg	20	E152305	09/22/05	09/23/05	EPA 300.0	
% Moisture	2.9	0.1	%	1	E152301	09/22/05	09/23/05	% calculation	



Rice Operating Co.  
122 W. Taylor  
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Project: Vacuum Oxy Swigart EOL  
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Fax: (505) 397-1471

Reported:  
09/26/05 16:59

**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 EI52304 - Solvent Extraction (GC)**

**Blank (EI52304-BLK1)**

Prepared & Analyzed: 09/23/05

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	44.0		mg/kg	50.0		88.0	70-130			
Surrogate: 1-Chlorooctadecane	37.7		"	50.0		75.4	70-130			

**LCS (EI52304-BS1)**

Prepared & Analyzed: 09/23/05

Gasoline Range Organics C6-C12	404	10.0	mg/kg wet	500		80.8	75-125			
Diesel Range Organics >C12-C35	489	10.0	"	500		97.8	75-125			
Total Hydrocarbon C6-C35	893	10.0	"	1000		89.3	75-125			
Surrogate: 1-Chlorooctane	44.8		mg/kg	50.0		89.6	70-130			
Surrogate: 1-Chlorooctadecane	48.3		"	50.0		96.6	70-130			

**Calibration Check (EI52304-CCV1)**

Prepared: 09/23/05 Analyzed: 09/24/05

Gasoline Range Organics C6-C12	413		mg/kg	500		82.6	80-120			
Diesel Range Organics >C12-C35	443		"	500		88.6	80-120			
Total Hydrocarbon C6-C35	856		"	1000		85.6	80-120			
Surrogate: 1-Chlorooctane	45.3		"	50.0		90.6	0-200			
Surrogate: 1-Chlorooctadecane	44.1		"	50.0		88.2	0-200			

**Matrix Spike (EI52304-MS1)**

Source: 5122001-01

Prepared: 09/23/05 Analyzed: 09/24/05

Gasoline Range Organics C6-C12	457	10.0	mg/kg dry	522	ND	87.5	75-125			
Diesel Range Organics >C12-C35	494	10.0	"	522	ND	94.6	75-125			
Total Hydrocarbon C6-C35	951	10.0	"	1040	ND	91.4	75-125			
Surrogate: 1-Chlorooctane	55.3		mg/kg	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	51.8		"	50.0		104	70-130			

**Matrix Spike Dup (EI52304-MSD1)**

Source: 5122001-01

Prepared: 09/23/05 Analyzed: 09/24/05

Gasoline Range Organics C6-C12	463	10.0	mg/kg dry	522	ND	88.7	75-125	1.30	20	
Diesel Range Organics >C12-C35	500	10.0	"	522	ND	95.8	75-125	1.21	20	
Total Hydrocarbon C6-C35	963	10.0	"	1040	ND	92.6	75-125	1.25	20	
Surrogate: 1-Chlorooctane	54.9		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	50.3		"	50.0		101	70-130			

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

Project: Vacuum Oxy Swigart EOL  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
09/26/05 16:59

**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 EI52301 - General Preparation (Prep)**

**Blank (EI52301-BLK1)** Prepared: 09/22/05 Analyzed: 09/23/05

% Solids 100 %

**Duplicate (EI52301-DUP1)** Source: 5I21013-01 Prepared: 09/22/05 Analyzed: 09/23/05

% Solids 86.5 % 86.1 0.464 20

**Duplicate (EI52301-DUP2)** Source: 5I22008-07 Prepared: 09/22/05 Analyzed: 09/23/05

% Solids 99.4 % 98.9 0.504 20

**Duplicate (EI52301-DUP3)** Source: 5I22019-03 Prepared: 09/22/05 Analyzed: 09/23/05

% Solids 97.6 % 97.8 0.205 20

**Duplicate (EI52301-DUP4)** Source: 5I22021-18 Prepared: 09/22/05 Analyzed: 09/23/05

% Solids 90.8 % 90.6 0.221 20

**Batch EI52305 - Water Extraction**

**Blank (EI52305-BLK1)** Prepared: 09/22/05 Analyzed: 09/23/05

Chloride ND 0.500 mg/kg

**LCS (EI52305-BS1)** Prepared: 09/22/05 Analyzed: 09/23/05

Chloride 9.07 mg/L 10.0 90.7 80-120

**Calibration Check (EI52305-CCV1)** Prepared: 09/22/05 Analyzed: 09/23/05

Chloride 9.29 mg/L 10.0 92.9 80-120

**Duplicate (EI52305-DUP1)** Source: 5I21013-01 Prepared: 09/22/05 Analyzed: 09/23/05

Chloride 90.7 0.500 mg/kg 91.3 0.659 20

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

Project: Vacuum Oxy Swigart EOL  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
09/26/05 16:59

### 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:

9-26-05

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 Op.

Date/Time: 4/22/05 8:00

Order #: SI 22005

Initials: CR

### Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-1.0 C
Shipping container/cooler in good condition?	<u>YES</u>	No	
Custody Seals intact on shipping container/cooler?	<u>YES</u>	No	Not present
Custody Seals intact on sample bottles?	<u>YES</u>	No	Not present
Chain of custody present?	<u>YES</u>	No	
Sample Instructions complete on Chain of Custody?	<u>YES</u>	No	
Chain of Custody signed when relinquished and received?	<u>YES</u>	No	
Chain of custody agrees with sample label(s)	<u>YES</u>	No	*
Container labels legible and intact?	<u>YES</u>	No	
Sample Matrix and properties same as on chain of custody?	<u>YES</u>	No	
Samples in proper container/bottle?	<u>YES</u>	No	
Samples properly preserved?	<u>YES</u>	No	
Sample bottles intact?	<u>YES</u>	No	
Preservations documented on Chain of Custody?	<u>YES</u>	No	
Containers documented on Chain of Custody?	<u>YES</u>	No	
Sufficient sample amount for indicated test?	<u>YES</u>	No	
All samples received within sufficient hold time?	<u>YES</u>	No	
VOC samples have zero headspace?	<u>YES</u>	No	Not Applicable

Other observations:

\* discrepancy on sample time COC-2:46 Label-3:46

### Variance Documentation:

Contact Person: Roy Rascon Date/Time: 09-26-05 Contacted by: Jeanne McMurry

Regarding: \* sample time discrepancy

Corrective Action Taken:

Client wants to reference COC time 2:46 as per attached e-mail

**Jeanne McMurrey**

---

**From:** "Jeanne McMurrey" <jeanne@elabtexas.com>  
**To:** "Roy Rascon" <rroyriceswd@valornet.com>  
**Sent:** Thursday, September 22, 2005 10:27 AM  
**Subject:** Re: Vac. Oxy Swigart EOL sample

Good Morning Roy,

We received your sample for Vac. Oxy Swigart EOL this morning. There is a discrepancy on the sampling time. The COC says 2:46 and the label says 3:46. Which time would you like to reference? Please reply to this e-mail and let me know.

Thanks,  
Jeanne

Jeanne McMurrey  
Environmental Lab of Texas I, Ltd.  
12600 West I-20 East  
Odessa, Texas 79765  
432-563-1800

9/26/2005

**Jeanne McMurrey**

---

**From:** "Roy Rascon" <rroyriceswd@valornet.com>  
**To:** "Jeanne McMurrey" <jeanne@elabtexas.com>  
**Sent:** Monday, September 26, 2005 7:49 AM  
**Subject:** Vac Oxy SWIGART EOL

Jeanne

Again I don't know what happened here , but use the time on the labeled jar.  
Thanks.

Roy R. Rascon  
RICE Operating Company  
122 W. Taylor  
Hobbs, NM 88240  
505-393-9174

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This message has been scanned for viruses and  
dangerous content by **BasinBroadband**, and is  
believed to be clean.

9/26/2005

**RICE OPERATING COMPANY**  
122 WEST TAYLOR  
HOBBS, NEW MEXICO 88240  
PHONE: (505) 393-9174 FAX: (505) 397-1471  
**VOC FIELD TEST REPORT FORM**  
MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S  
CALIBRATION GAS  
GAS COMPOSITION: ISOBUTYLENE  
AIR  
LOT NO: 04-2747  
EXP. DATE: 8-1-06  
METER READING  
ACCURACY: 100.6

SERIAL NO: 104412

100 PPM  
BALANCE  
FILL DATE: 2-1-05  
ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
VAC	Oxy Swigart EOL				

Vertical @ Source @ 3'

SAMPLE	PID RESULT	SAMPLE	PID RESULT
1'	0.0		
2'	0.0		
3'	0.0		

COPY

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

Ray P. Rasmussen  
Signature

9-19-05  
Date