

1R - 423-09

# REPORTS

DATE:

6/20/2005

2018 01 14 30

1R0423-09

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# DISCLOSURE REPORT

**RICE OPERATING COMPANY  
JUNCTION BOX DISCLOSURE\* REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Justis	M-36	M	36	24S	37E	Lea	no box-junction eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Joyce Marie Willis OTHER \_\_\_\_\_

Depth to Groundwater 97 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/13/2004 Date Completed 8/3/2004 OCD Witness No

Soil Excavated 333 cubic yards Excavation Length 30 Width 25 Depth 12 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 7/16/2004 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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
4-WALL COMP.	7.1	<10.0	<10.0	2810
BOTTOM COMP.	0.1	<10.0	<10.0	1700
REMED. BACKFILL	3.4	<10.0	617	2400

LOCATION	DEPTH (ft)	ppm
vertical at junction box	7	820
	8	1095
	9	1671
	10	1956
	11	2120
15 ft EAST of junction	4	3604
	6	2840
	8	1833
	10	1764
	12	2316
15 ft NORTH of junction	4	2170
	6	1955
	8	1881
	10	2234
	12	1955
4-wall comp.	n/a	5529
bottom comp.	12	1574
backfill comp.	n/a	2121

General Description of Remedial Action: This junction was eliminated with the pipeline replacement program. The box was removed and the site was delineated using a backhoe while PID screenings and chloride field tests were performed on soil samples at regular intervals producing a 30 x 25 x 12-ft-deep excavation. Chloride concentrations did not relent with depth. PID concentrations were considerably low and lab results of the final excavation samples confirmed TPH concentrations below NMOCD guidelines. The excavated soil was blended on site and then backfilled into the excavation. An identification plate has been placed on the surface at the site of the former junction box to mark to location for future environmental considerations.

**ADDITIONAL EVALUATION IS MEDIUM PRIORITY**

enclosures: chloride graph, photos, lab results, PID screenings

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

SITE SUPERVISOR Joe Gatts SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 6/20/2005 TITLE Project Scientist

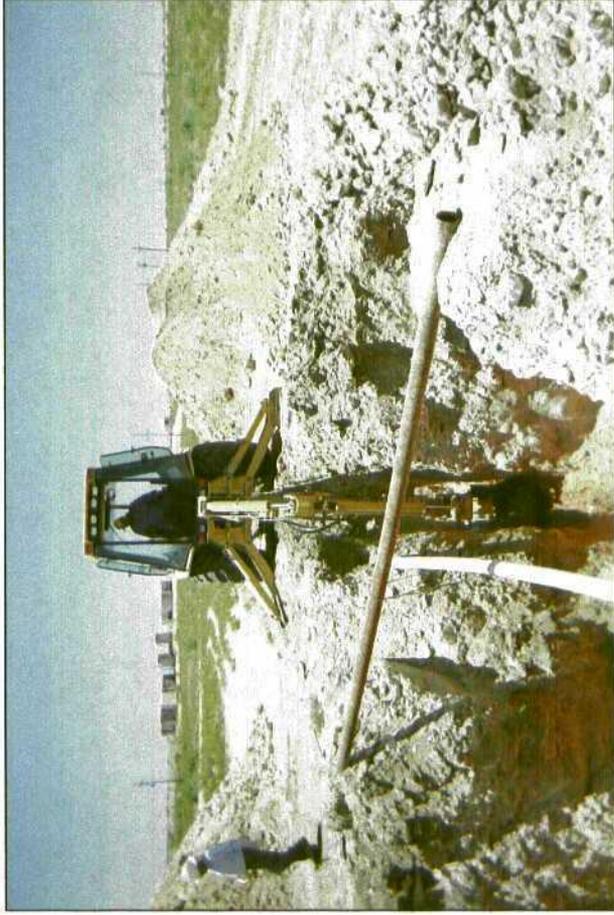
**\* This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.**

# Justis jct. M-36



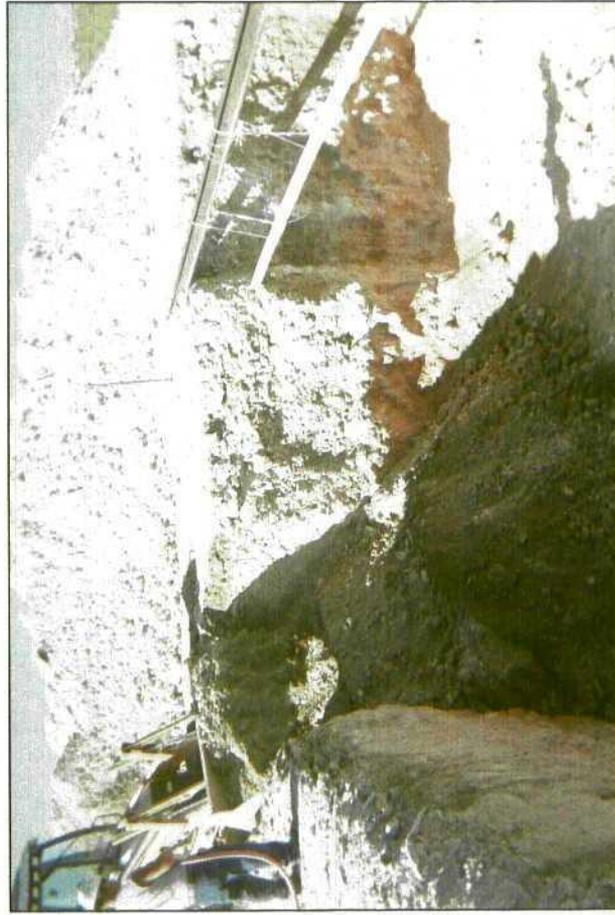
undisturbed junction box

10/29/2003



delineation & excavation at former box site

7/14/2004



backfilling 30 x 25 x 12 ft deep excavation

8/2/2004



identification plate at backfilled site

5/20/2005

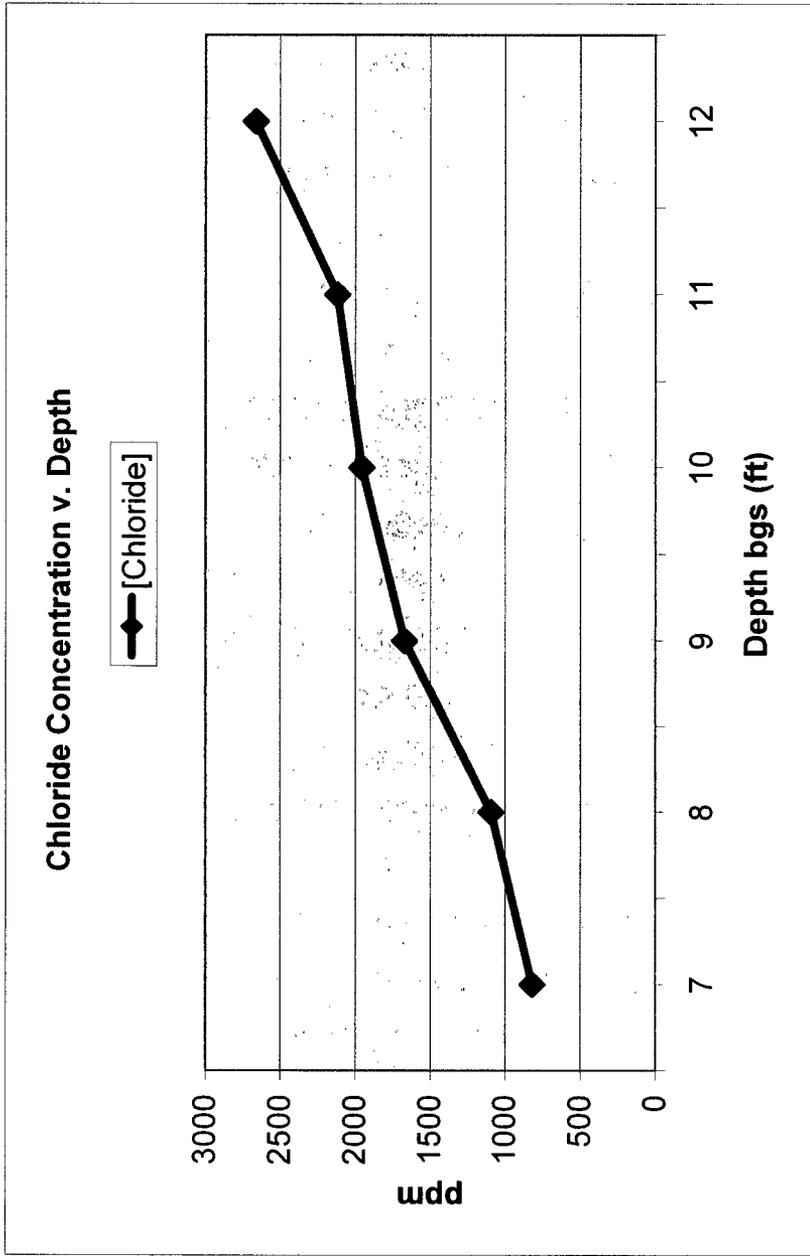
# Justis jct. M-36

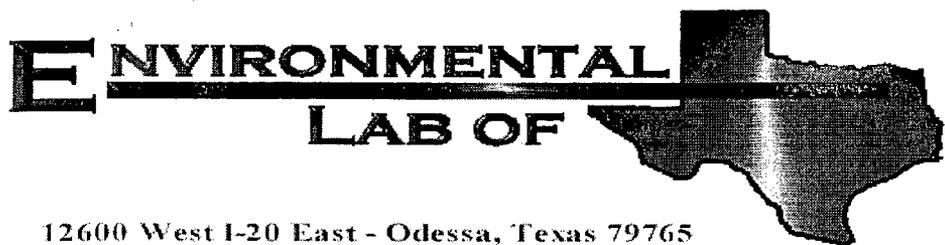
T24S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
7	820
8	1095
9	1671
10	1956
11	2120
12	2663

Groundwater = 97 ft





12600 West I-20 East - Odessa, Texas 79765

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## Analytical Report

**Prepared for:**

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

Project: M-36 Jct  
Project Number: None Given  
Location: Justis

Lab Order Number: 4G20009

Report Date: 07/23/04

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

Project: M-36 Jct  
Project Number: None Given  
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
07/23/04 10:18

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bott. Comp. @ 12' Bgs	4G20009-01	Soil	07/16/04 13:30	07/20/04 08:00
4 Wall Comp.	4G20009-02	Soil	07/16/04 13:45	07/20/04 08:00
Remed Backfill	4G20009-03	Soil	07/16/04 13:00	07/20/04 08:00

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

Project: M-36 Jct  
 Project Number: None Given  
 Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:  
 07/23/04 10:18

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Bott. Comp. @ 12' Bgs (4G20009-01) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42013	07/20/04	07/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		92.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		70.0 %	70-130		"	"	"	"	
<b>4 Wall Comp. (4G20009-02) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42013	07/20/04	07/22/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		90.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		78.6 %	70-130		"	"	"	"	
<b>Remed Backfill (4G20009-03) Soil</b>									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG42013	07/20/04	07/22/04	EPA 8015M	
<b>Diesel Range Organics &gt;C12-C35</b>	<b>617</b>	10.0	"	"	"	"	"	"	
<b>Total Hydrocarbon C6-C35</b>	<b>617</b>	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		87.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		72.2 %	70-130		"	"	"	"	

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

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Reported:  
 07/23/04 10:18

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Bott. Comp. @ 12' Bgs (4G20009-01) Soil</b>									
Chloride	1700	20.0	mg/kg Wet	2	EG42111	07/20/04	07/21/04	SW 846 9253	
% Solids	97.0		%	1	EG42011	07/20/04	07/20/04	% calculation	
<b>4 Wall Comp. (4G20009-02) Soil</b>									
Chloride	2810	20.0	mg/kg Wet	2	EG42111	07/20/04	07/21/04	SW 846 9253	
% Solids	95.0		%	1	EG42011	07/20/04	07/20/04	% calculation	
<b>Remed Backfill (4G20009-03) Soil</b>									
Chloride	2400	20.0	mg/kg Wet	2	EG42111	07/20/04	07/21/04	SW 846 9253	
% Solids	97.0		%	1	EG42011	07/20/04	07/20/04	% calculation	

Rice Operating Co.  
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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
<b>Batch EG42013 - Solvent Extraction (GC)</b>										
<b>Blank (EG42013-BLK1)</b>										
Prepared: 07/20/04 Analyzed: 07/22/04										
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	47.1		mg/kg	50.0		94.2	70-130			
Surrogate: 1-Chlorooctadecane	37.9		"	50.0		75.8	70-130			
<b>LCS (EG42013-BS1)</b>										
Prepared: 07/20/04 Analyzed: 07/22/04										
Gasoline Range Organics C6-C12	470	10.0	mg/kg wet	500		94.0	75-125			
Diesel Range Organics >C12-C35	488	10.0	"	500		97.6	75-125			
Total Hydrocarbon C6-C35	958	10.0	"	1000		95.8	75-125			
Surrogate: 1-Chlorooctane	39.6		mg/kg	50.0		79.2	70-130			
Surrogate: 1-Chlorooctadecane	40.6		"	50.0		81.2	70-130			
<b>Calibration Check (EG42013-CCV1)</b>										
Prepared: 07/20/04 Analyzed: 07/22/04										
Gasoline Range Organics C6-C12	420		mg/kg	500		84.0	80-120			
Diesel Range Organics >C12-C35	474		"	500		94.8	80-120			
Total Hydrocarbon C6-C35	894		"	1000		89.4	80-120			
Surrogate: 1-Chlorooctane	57.2		"	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	42.3		"	50.0		84.6	70-130			
<b>Matrix Spike (EG42013-MS1)</b>										
Source: 4G20004-01 Prepared: 07/20/04 Analyzed: 07/22/04										
Gasoline Range Organics C6-C12	481	10.0	mg/kg dry	549	ND	87.6	75-125			
Diesel Range Organics >C12-C35	514	10.0	"	549	ND	93.6	75-125			
Total Hydrocarbon C6-C35	995	10.0	"	1100	ND	90.5	75-125			
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	41.9		"	50.0		83.8	70-130			
<b>Matrix Spike Dup (EG42013-MSD1)</b>										
Source: 4G20004-01 Prepared: 07/20/04 Analyzed: 07/22/04										
Gasoline Range Organics C6-C12	471	10.0	mg/kg dry	549	ND	85.8	75-125	2.10	20	
Diesel Range Organics >C12-C35	492	10.0	"	549	ND	89.6	75-125	4.37	20	
Total Hydrocarbon C6-C35	963	10.0	"	1100	ND	87.5	75-125	3.27	20	
Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	39.0		"	50.0		78.0	70-130			

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

Project: M-36 Jct  
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Project Manager: Roy Rascon

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Reported:  
07/23/04 10:18

**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 EG42011 - General Preparation (Prep)**

<b>Blank (EG42011-BLK1)</b>		Prepared & Analyzed: 07/20/04								
% Solids	100		%							
<b>Duplicate (EG42011-DUP1)</b>		Source: 4G16012-01 Prepared & Analyzed: 07/20/04								
% Solids	99.0		%		98.0			1.02	20	

**Batch EG42111 - Water Extraction**

<b>Blank (EG42111-BLK1)</b>		Prepared: 07/20/04 Analyzed: 07/21/04								
Chloride	ND	20.0	mg/kg Wet							
<b>Matrix Spike (EG42111-MS1)</b>		Source: 4G20003-01 Prepared: 07/20/04 Analyzed: 07/21/04								
Chloride	2200	20.0	mg/kg Wet	500	1720	96.0	80-120			
<b>Matrix Spike Dup (EG42111-MSD1)</b>		Source: 4G20003-01 Prepared: 07/20/04 Analyzed: 07/21/04								
Chloride	2210	20.0	mg/kg Wet	500	1720	98.0	80-120	0.454	20	
<b>Reference (EG42111-SRM1)</b>		Prepared: 07/20/04 Analyzed: 07/21/04								
Chloride	5000		mg/kg	5000		100	80-120			

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

Project: M-36 Jct  
Project Number: None Given  
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Reported:  
07/23/04 10:18

### 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

Report Approved By:

Raland K Tuttle

Date:

7-23-04

Raland K. Tuttle, QA Officer

James L. Hawkins, Chemist/Geologist

Celey D. Keene, Lab Director, Org. Tech Director

Sara Molina, Chemist

Jeanne Mc Murrey, Inorg. Tech Director

Sandra Biezugbe, 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 Operating Co.

Date/Time: 07-20-04 @ 0845

Order #: 4G20009

Initials: JMM

### Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.0	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Custody Seals intact on shipping container/cooler?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not present	
Custody Seals intact on sample bottles?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not present	
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input 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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**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

SERIAL NO: 104412

100 PPM  
 BALANCE

LOT NO: 02-22-30

FILL DATE: 5/20/03

EXP. DATE: 11/20/04

ACCURACY: + or - 2%

METER READING

ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
Justis	M-36	M	36	24	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Source 7'	33.4	10' West 8'	0.1
Source 8'	50.5	10' West 10'	0.1
Source 9'	39.5	10' West 12'	0.1
Source 10'	10.4		
Source 11'	19.3		
Source 12'	8.0		
15' East 4'	0.1		
15' East 6'	0.1		
15' East 8'	0.1		
15' East 10'	0.1		
15' East 12'	0.1		
10' West 4'	0.1		
10' West 6'	0.1		

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

Joe Galt  
 Signature

Environmental Tech.  
 Title

7/13/04  
 Date

**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: 02-22-30  
 EXP. DATE: 11/20/04  
 METER READING  
 ACCURACY: 100.1

SERIAL NO: 104412  
 100 PPM  
 BALANCE  
 FILL DATE: 5/20/03  
 ACCURACY: + or - 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
Justis	M-36	M	36	T24S	R37E

SAMPLE	PID RESULT	SAMPLE	PID RESULT
15' North 4'	13.1 <sup>56</sup>		
15' North 6'	0.1		
15' North 8'	0.1		
15' North 10'	0.1		
15' North 12'	0.1		
15' South 4'	0.1		
15' South 6'	0.1		
15' South 8'	0.1		
15' South 10'	0.1		
15' South 12'	0.1		

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

Joe Datt  
 Signature

Environmental Tech.  
 Title

7/14/04  
 Date