1R- 425-35

# REPORTS

# 2006

Vac Jet I-29

#### RECEIVED

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APD - 3 2007 Environmental Bureau Oil Conservation Division

# Closure

#### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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				BOX LOCA	TION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIF	RANGE	COUN	TY BOX D	IMENSIONS	- FEET	]
Vacuum	ict I-29	I	29	175	35E	lea	Length	Width	Depth	
	300.720						no box	System Aban	donment	
LAND TYPE: B	LM ST/	ATE X	FEE LAND	OWNER	- <u> </u>		OTHER			-
Depth to Groun	dwater	100	feet	NMOCE	SITE ASSI	ESSMEN	IT RANKING S		0	
Date Started	11/4/20	005	Date Cor	npleted	8/24/2006	NV	OCD Witness		no	<u> </u>
Soil Excavated	15	cubic ya	rds Exc	avation Le	ength 13	W	idth4	Depth	8	_feet
Soil Disposed	0	cubic ya	rds Off	site Facility	nn	ı/a	Location		n/a	
FINAL ANALY	TICAL RES	SULTS:	Sampl	e Date	11/4/2	005	Sample De	epth	8 ft	
5-point composite sidewalls. TPF approved labora	sample of bott and chloride atory and testin	om and 4-p laboratory t g procedure	ooint compo est results o es pursuant	site sample completed l to NMOCE	e of excavat by using an ) guidelines	ion	CHLOR	IDE FIELD	TESTS	
Sample	<u>PID</u> (field	) <u>G</u>	<u> 20</u>	DRO	Chloride	2				n
Location	ppm	mg	/kg	mg/kg	mg/kg		LOCATION			' <u> </u>
4-WALL COMP.	1.2	<1	0.0	158	154		4-wall comp.	n/a	25.5	5
BOTTOM COMP	. 1.1	<1	0.0	187	81.2		bottom comp.	8	107	7
BACKFILL	1.1	<1	0.0	229	141		background	1	114	4
General Descriptio the junction box lumber and VOCs. Chloride co Composite samples from backfilled with clean, im capacity at a normal rate	n of Remedial was removed, sar oncentrations were n the hole were ar ported topsoil. The	Action: nples were co very low and nalyzed at a co is topsoil was	This junction llected from the similar to back pommercial labors seeded with a	box was addr ne resulting ho kground level. pratory for cor a blend of nati	essed as part ole using a har PID readings ifirmation of th we vegetation o	of the Vac nd auger. s also exhit e field test on 9/14/20	uum SWD Systen These samples we bited insignificant \ s. The 13 x 4 x 8- 06 and is expected	n abandonmeni ere field tested VOC concentra ft-deep hole wa d to return to pr	t. After for chloride itions. as roductive	

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.

	vin Collins SIGNATURE	not avail	able COMPANY	RICE Operating Company
REPORT ASSEMBLED BY	Kristin Farris Pope	SIGNATURE	Knistin Aarr	2 Pore
DATE	9/20/2006	TITLE_	Project So	cientist

### Vacuum jct. I-29

Open box hole from which hand-auger samples were collected 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
IOTNO
LULINU. $DI - ZDI$
EXP. DATE: 1/19/05
EXP. DATE: /////of METER READING

SERIAL NO: 404412 /	04490
100 PPM	
FILL DATE: 07/19/0	50-
ACCURACY: ± 2.	10

SYSTEM	ЛЛС	TION	UNIT	SECTION	TOWN	ISHIP	RANGE
VACUUM	I-c	29	I.	29	17:	5	37E
							n An an An An
SAMPI	E	PID	RESULT	SAMPI	LE	PID	RESULT
8'origion	-al 5.4		1.1				· · · · · · · · · · · · · · · · · · ·
2/4will C	omp	ĺ	12				
Back 1	¢,,,^	/	<i>.</i>			·	
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[							2
				1		<u></u>	

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

Keyin Collins

<u>/0405</u> Date



### Analytical Report

#### Prepared for:

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



Project: Vacuum Jct. I-29 Project Number: None Given Location: None Given

Lab Order Number: 5K07003

Report Date: 11/21/05

Rice Operating Co.	Project: Va	acuum Jct. 1-29	Fax: (505) 397-1471
122°W. Taylor	Project Number: No	one Given	Reported:
Hobbs NM, 88240	Project Manager: Ro	y Rascon	11/21/05 09:11

#### ANALYTICAL REPORT FOR SAMPLES

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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Comp. – 8'	5K07003-01	Soil	11/04/05 07:50	11/04/05 17:00
4 Wall Comp. 13' X 14'	5K07003-02	Soil	11/04/05 07:55	11/04/05 17:00
Backfill Comp.	5K07003-03	Soil	11/04/05 07:45	11/04/05 17:00

Rice Operating Co. Project: Vacuum Jct. 1-29   122'W. Taylor Project Number: None Given								Fax: (502 Reg	Fax: (505) 397-1471 Reported:	
F10005 NW1, 88240	· · · · · · · · · · · · · · · · · · ·	Project M	Tanager: Koy	/ Kascon	<del></del>		<u></u>			
		0	rganics b	y GC						
		Environ	mental L	ab of Te	exas					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Bottom Comp. (5K07003-01) Soil								· · ·		
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50801	11/08/05	11/08/05	EPA 8015M		
Diesel Range Organics >C12-C35	187	10.0	"	"	"	u	н			
Total Hydrocarbon C6-C35	187	10.0	**	**	"	n		11		
Surrogate: 1-Chlorooctane		86.6 %	70-1	30	"	"	"	"		
Surrogate: 1-Chlorooctadecane		87.8 %	70-1	30	"	н	11	"		
4 Wall Comp. (5K07003-02) Soil										
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50801	11/08/05	11/08/05	EPA 8015M		
Diesel Range Organics >C12-C35	158	10.0	*	"			w	"		
Total Hydrocarbon C6-C35	158	10.0	μ	"	"	11	"	"		
Surrogate: 1-Chlorooctane		85.0 %	70-1	30	"	v	n	"		
Surrogate: 1-Chlorooctadecane		93.8 %	70-1	30	"	"	"	"		
Backfill Comp. (5K07003-03) Soil										
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK50801	11/08/05	11/08/05	EPA 8015M		
Diesel Range Organics >C12-C35	229	10.0	11	*	"		н	u		
Total Hydrocarbon C6-C35	229	10.0	"	11	н	9	*	Ð		
Surrogate: 1-Chlorooctane		75.0 %	70-1	30	"	n	"	"		
Surrogate: 1-Chlorooctadecane		81.2 %	70-1	30	**	"	"	μ		

Environmental Lab of Texas

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Rice Operating Co.	Project: V	acuum Jct. 1-29	Fax: (505) 397-1471
122 W. Taylor	Project Number: N	lone Given	Reported:
Hobbs NM, 88240	Project Manager: R	oy Rascon	11/21/05 09:11

#### General Chemistry Parameters by EPA / Standard Methods

#### **Environmental Lab of Texas**

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Comp. (5K07003-01) Soil									
Chloride	81.2	10.0	mg/kg	20	EK51007	11/08/05	11/10/05	EPA 300.0	
% Moisture	2.5	0.1	%	1	EK50802	11/07/05	11/08/05	% calculation	
4 Wall Comp. (5K07003-02) Soil									
Chloride	154	10.0	mg/kg	20	EK51007	11/08/05	11/10/05	EPA 300.0	
% Moisture	1.6	0.1	%	1	EK50802	11/07/05	11/08/05	% calculation	
Backfill Comp. (5K07003-03) Soil									
Chloride	141	10.0	mg/kg	20	EK51007	11/08/05	11/10/05	EPA 300.0	
% Moisture	5.5	0.1	%	1	EK50802	11/07/05	11/08/05	% calculation	

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12600 West 1-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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#### Project: Vacuum Jct. I-29 Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported: 11/21/05 09:11

#### **Organics by GC - Quality Control**

#### Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EK50801 - Solvent Extraction (GC)										
Blank (EK50801-BLK1)				Prepared &	Analyzed:	11/08/05				
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	63.7		mg/kg	50.0		127	70-130			
Surrogate: 1-Chlorooctadecane	64.5		"	50.0		129	70-130			
LCS (EK50801-BS1)				Prepared &	Analyzed:	11/08/05				
Gasoline Range Organics C6-C12	390	10.0	mg/kg wet	500		78.0	75-125			
Diesel Range Organics >C12-C35	471	10.0	n	500		94.2	75-125			
Total Hydrocarbon C6-C35	862	10.0	"	1000		86.2	75-125			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	52.1		n	50.0		104	70-130			
Calibration Check (EK50801-CCV1)				Prepared &	Analyzed:	11/08/05				
Gasoline Range Organics C6-C12	428		mg/kg	500		85.6	80-120			
Diesel Range Organics >C12-C35	482		'n	500		96.4	80-120			
Total Hydrocarbon C6-C35	910		*'	1000		91.0	80-120			
Surrogate: 1-Chlorooctane	47.7		H	50.0		95.4	70-130			
Surrogate: 1-Chlorooctadecane	44.5		"	50.0		89.0	70-130			
Matrix Spike (EK50801-MS1)	Sou	rce: 5K07002	2-02	Prepared &	Analyzed:	11/08/05				
Gasoline Range Organics C6-C12	524	10.0	mg/kg dry	585	ND	89.6	75-125			
Diesel Range Organics >C12-C35	513	10.0	"	585	ND	87.7	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1170	ND	88.9	75-125			
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.0	70-130			
Surrogate: 1-Chlorooctadecane	45.3		"	50.0		90.6	70-130			
Matrix Spike Dup (EK50801-MSD1)	Sou	rce: 5K07002	2-02	Prepared &	Analyzed:	11/08/05				
Gasoline Range Organics C6-C12	547	10.0	mg/kg dry	585	ND	93.5	75-125	4.30	20	
Diesel Range Organics >C12-C35	527	10.0		585	ND	90.1	75-125	2.69	20	
Total Hydrocarbon C6-C35	1070	10.0	"	1170	ND	91.5	75 <b>-</b> 125	2.84	20	
Surrogate: 1-Chiorooctane	52.8		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	44.8		"	50.0		89.6	70-130			

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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.

Rice Operating Co.		Pi	roject: Va	acuum Jct. 1-2	9				Fax: (505)	397-1471
122°W. Taylor		Project Nu	mber: No	one Given					Repo	rted:
Hobbs NM, 88240		Project Ma	nager: Ro	by Rascon					11/21/0	5 09:11
General C	hemistry Para	meters by	· EPA /	Standard	Methoo	ls - Qua	lity Con	trol		
	]	Environm	iental I	Lab of Te	kas					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EK50802 - General Preparation (	Prep)									
Blank (EK50802-BLK1)	Prepared: 11/07/05 Analyzed: 11/08/05									
% Solids	100		%							
Duplicate (EK50802-DUP1)	Sour	ce: 5K07002-	-01	Prepared: 1	Prepared: 11/07/05 Analyzed: 11/08/05					
% Solids	88.3		%		88.1			0.227	20	
Batch EK51007 - Water Extraction										
Blank (EK51007-BLK1)				Prepared: 1	1/08/05 Ai	alyzed: 11	/10/05			
Chloride	ND	0,500	mg/kg							
LCS (EK51007-BS1)				Prepared: 1	1/08/05 Ai	nalyzed: 11	/10/05			
Chloride	9.01		mg/L	10.0		90.1	80-120			
Calibration Check (EK51007-CCV1)				Prepared: 1	1/08/05 Ai	nalyzed: 11	/10/05			
Chloride	8.66		mg/L	10.0		86,6	80-120			
Duplicate (EK51007-DUP1)	Sour	e: 5J25007-1	12	Prepared: 1	1/08/05 Ar	nalyzed: 11	/10/05			
Chloride	3660	50,0	mg/kg		3680			0.545	20	

Environmental Lab of Texas

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Rice Opera 122 W. Tay Hobbs NM,	ting Co. /lor , 88240	Project: Project Number: Project Manager:	Vacuum Jet. 1-29 None Given Roy Rascon	Fax: (505) 397-147 Reported: 11/21/05 09:11
		Notes and De	finitions	
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			

Report Approved By:

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MS

Dup

Matrix Spike

Duplicate

Raland K Jutich

Date:

11/21/2005

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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Page 6 of 6

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12600 West J.20 East Phone: 915-563-11 Odessa, Texas 79753 Action Plax: 915-563-11	1860 1713 1							СНА	IN OF	cnsı	VD0	RECO	RD AI	AN UN	יאר אי	NS RI	EOUE	ST	•	
Project Manager: ROY RASCON								,	Цd	ject h	ame	70	2.64	WY Y	D	1	4	X	5	
Company Name Rice Operating Compan	νγ							I		Proj	act #:									
Company Addrass: 122 W Taylor	an serie galagi. Anno promise por tra a galago and tra a de la desta de la desta de la desta de la desta de la							,	<b>L</b> .	rofec	Loc:				ĺ	}				
City/state/zip: Hobbs, NM 88240				ĺ				1			;¥ 0.									
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#### Environmental Lab of Texas Variance / Corrective Action Report – Sample Log-In

Client:	Rice Op.
Date/Time:	-11/4/05 17:00
Order #:	5K07003
Initials:	CK

#### Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	2.5 C
Shipping container/cooler in good condition?	235	No	
Custody Seals intact on shipping container/cooler?	1'6	No	Not present
Custody Seals intact on sample bottles?	1 25 1	No	Not present
Chain of custody present?	YESI	No	
Sample Instructions complete on Chain of Custody?	1 4000	No	
Chain of Custody signed when relinguished and received?	165	No	
Chain of custody agrees with sample label(s)	1 Xag	No	-
Container labels legible and intact?	1 XAR	No	
Sample Matrix and properties same as on chain of custody?		No	
Samples in proper container/bottle?	1000	No	
Samples properly preserved?	18	No	
Sample bottles intact?	Xes	No	}
Preservations documented on Chain of Custody?	1 CB	No	
Containers documented on Chain of Custody?	1 255	No	
Sufficient sample amount for indicated test?	1 XES	No	
All samples received within sufficient hold time?	Tes	l No	}
VOC samples have zero headspace?	Xes	No	Not Applicable

Other observations:

Contact Person: Regarding:	Variance Documentation: Date/Time:	Contacted by:
	******	
Corrective Action Taken;		
**************************************		