## 1R - 426 - 130

## REPORTS

## DATE:

## 2-7-07

## BD Jct G-26-2

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## 1 R-426-130

RECEIVED

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APR - 3 91107 Environmental Bureau Oil Conservation Division

.

## Closure

### **RICE OPERATING COMPANY** JUNCTION BOX FINAL REPORT

r

			E	30X LOCA	TION						
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COU	NTY	BOX DI	MENSIONS	- FEE	T
BD	jct. G-26-2	G	26	215	37E	Le		ength	Width	De	epth
	Jul 0-20-2			210	572		a	mo	oved 30 ft so	uth	
LAND TYPE: E	BLMST	ATE	FEE LANDO	WNER	Deiros	e Scott	OTH	IER			
Depth to Groun	dwater	53	feet	NMOCD	SITE AS	SESSME	ENT RANI	KING S		2	20
Date Started	5/22/20	006	Date Con	npleted	10/18/200	<u>)6</u> N	MOCD W	itness _		no	
Soil Excavated	400	cubic yar	ds Exc	avation Le	ngth <u>3</u>	0	Width	30	Depth	12	feet
Soil Disposed	0	cubic yar	ds Offe	site Facility		n/a	Lo	cation		n/a	
5-point composite sidewalls. TPI approved labora	sample of bott I and chloride	om and 4-p aboratory te	oint compo est results c	completed b	of excava	/2006 ation			pth		
							LOCAT	FIØN	DEPTH (	ft)	ppm
Sample	PID	Total	Hydrocarbor	n (C6-C35)	<u>Chloric</u>	<u>de</u>		30 v 30	0 x 12 exca	vatio	n
Location	ppm		mg/kg		mg/k	9		00 × 0	0 1 12 0.00	valio	'
4-WALL COMP.	1.0		<10.0		357		4-wall o	comp.	n/a		478
BOTTOM COMP	2.7		<10.0		837		bottom	comp.	12		729
BACKFILL	1.4		<10.0		682		back	cfill	n/a		697
SOIL BORING	XXX		XXX		64						
									20		815
General Description	n of Remedial	Action:	This junction I	box site was a	ddressed as	6		ſ	25		423
part of the pipeline repla	acement/upgrade p	- program and a	new, replacer	ment box was	built 30 ft so	uth.	Coll		30		302
At the former box site, a	a backhoe was use	d to collect so	il samples at r	egular interva	Is creating a		Soil E		35		148

A 30 x 30 x 12-ft-deep hole. Chloride field tests and PID readings were conducted on each sample. PID headspace readings were very low but further chloride investigation was warranted to confirm

a trend of decline. The excavated soil was blended on site and then returned to the hole and

contoured to the surrounding terrain. On 10/18/2006, a soil bore was initiated at the former junction site and advanced to 45 ft BGS where chloride

concentrations dissipated. The bore hole was plugged with bentonite clay. On 9/1/2006, 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, chloride graph, soil boring log & diagram, PID field readings

169

211

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

SITE SUPERVISOR Dar		Jaruel 1	1 te lee COMPANY RIG	CE Operating Company
REPORT ASSEMBLED BY	Kristin Farris Pope	SIGNATURE	Knistin Sarris	Pope
DATE	2/7/2007	TITLE_	Project Scient	

## **RICE OPERATING COMPANY**

122 West Taylor Hobbs, NM 88240 Phone: (505) 393-9174 Fax: (505) 397-1471

## **VOC FIELD TEST REPORT FORM**

PID METER READING & CALIBRATION

		TER READING & CALIDRATION
CK.	MODEL: PGM 761S	SERIAL NO: 104412
MODEL	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	MODEL: PGM 7600	SERIAL NO: 110-12383
	MODEL: PGM 7600	SERIAL NO: 110-012920
LOT NO: 0 -	5-2895	GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE
FILL DATE	:7-19-06	EXP. DATE: 1-19-06
ACCURACY	Y: +/- 2%	METER READING ACCURACY: <u>/ 00 , う</u>

	SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
	BD	G-26-2	G	26	215	37E
Z PRĒ	30' X 30' X 15' <del>X 15' X</del>	tz' FINAL SAN	uples			
	SAMPLE E. Wall	PID Results	Sample		PID Results	
	S. Wall W. Wall	1.7				
	N. Wall Bottom Cor	0.6 Wr. 2.7				
x	4 WALL CO. Blended BA	np. $1.0$				
			·····			
				· · · · · · · · · · · · · · · · · · ·		

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

arrell M tchell SIGNATURE:

5-30-06 DATE:



delineation & excavation

- 100



delineation & excavation

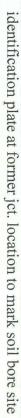
May 2006

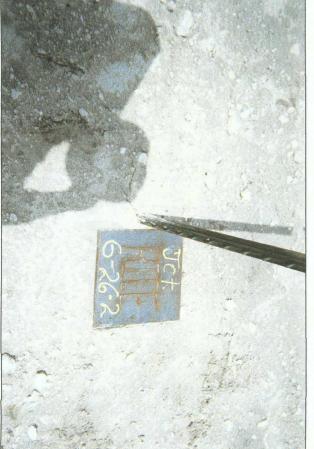
former jct. box site in background; new box in foreground 5/11/2005



# BD jct. G-26-2

Unit 'G', Sec. 26, T21S, R37E

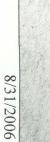




8/1/2006

backfilling and compacting soil





seeding disturbed surface after backfill



delineation & excavation May 2006



BD G-26-2 SB # 1

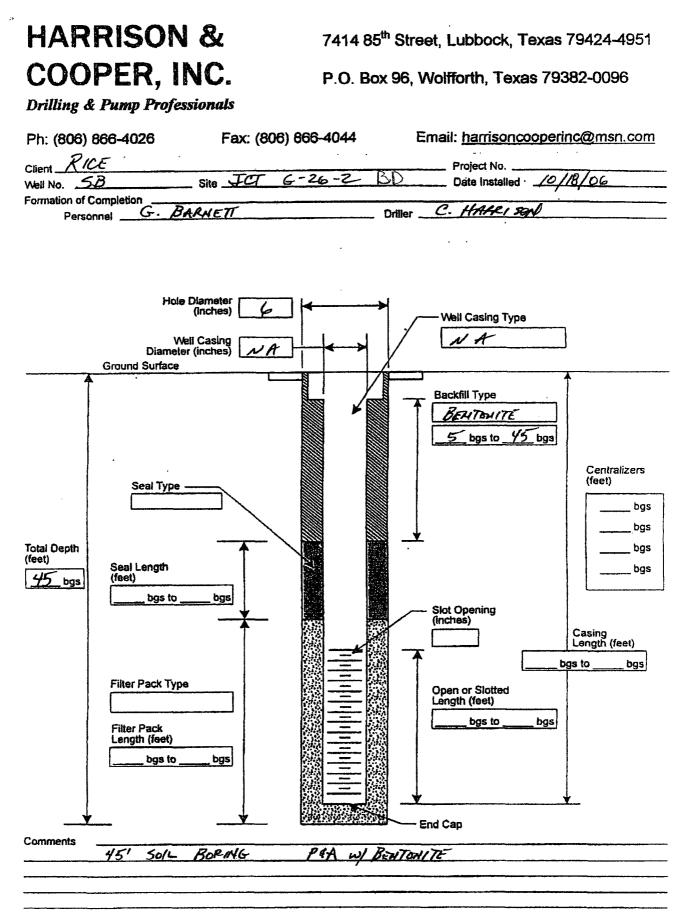


BD G-26-2 SB @ Source

GW: 53'   GPS Coord.   Lat: 32*27.158N   Long. 103*07.781W   Soil Bore/Monitor Well ID: SB # 1     UL/ G   Sec. 26   Township: 21S   Range: 37E     Bore @ Source   Soil   Water   Soil/Water   AGNO3   CL   PID   Soil Type and Color     15'   10.2   30   2.94   0.07   206   0     20'   10.4   30.3   2.91   0.28   815   0     25'   10.8   30.5   2.82   0.15   423   0     30'   10.1   30.5   3.02   0.1   302   0     35'   10.4   30.3   2.96   0.05   148   0     40'   10.8   30.3   2.81   0.06   169   0   Clay layer at 41'	System: B			Location: Jo	ct. G-26-2	Soil	المتعادلين بياكا المراجعي	Landowner: DelRose Scott	
UL/ G   Sec. 26   Township: 21S   Range: 37E     Bore @ Source   Bore @ Source   Soil Water   AGNO3   CL   PID   Soil Type and Color     15'   10.2   30   2.94   0.07   206   0     20'   10.4   30.3   2.91   0.28   815   0     25'   10.8   30.5   2.82   0.15   423   0     30'   10.1   30.5   3.02   0.1   302   0     35'   10.4   30.3   2.96   0.05   148   0     40'   10.8   30.3   2.81   0.06   169   0   Clay layer at 41'			d. Lat: 32*	بزيران ومعتقل بترجير المتكاف فيتجربوها		.781W		ما من من المركز الم ·	
Bore @ Source   Soil   Water   Soil/Water   AGNO3   CL   PID   Soil Type and Color     15'   10.2   30   2.94   0.07   206   0     20'   10.4   30.3   2.91   0.28   815   0     25'   10.8   30.5   2.82   0.15   423   0     30'   10.1   30.5   3.02   0.1   302   0     35'   10.4   30.3   2.96   0.05   148   0     40'   10.8   30.3   2.81   0.06   169   0   Clay layer at 41'			فتشار ومناشف والمتحد والمتحد المتحد	ومراجعين التقريب والمترافي والمراجع	والتركيب والمتحكم فالمحادث والمحادث والمحادث والمحادث والمحادث والمحادث والمحادث والمحادث والمحادث والمحادث وا				
Depth ft.   Soil   Water   Soil/Water   AGNO3   CL   PID   Soil Type and Color     15'   10.2   30   2.94   0.07   206   0      20'   10.4   30.3   2.91   0.28   815   0      25'   10.8   30.5   2.82   0.15   423   0      30'   10.1   30.5   3.02   0.1   302   0      35'   10.4   30.8   2.96   0.05   148   0      40'   10.8   30.3   2.81   0.06   169   0   Clay layer at 41'							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u></u>	
15' 10.2 30 2.94 0.07 206 0   20' 10.4 30.3 2.91 0.28 815 0   25' 10.8 30.5 2.82 0.15 423 0   30' 10.1 30.5 3.02 0.1 302 0   35' 10.4 30.8 2.96 0.05 148 0   40' 10.8 30.3 2.81 0.06 169 0 Clay layer at 41'			Water	Soil/Water	AGNO3	CL	PID	Soil Type and Color	
20' 10.4 30.3 2.91 0.28 815 0   25' 10.8 30.5 2.82 0.15 423 0   30' 10.1 30.5 3.02 0.1 302 0   35' 10.4 30.8 2.96 0.05 148 0   40' 10.8 30.3 2.81 0.06 169 0 Clay layer at 41'			30		0.07	206	0		
25' 10.8 30.5 2.82 0.15 423 0   30' 10.1 30.5 3.02 0.1 302 0   35' 10.4 30.8 2.96 0.05 148 0   40' 10.8 30.3 2.81 0.06 169 0 Clay layer at 41'		10.4	30.3	2.91	0.28	815	0	·	
30'   10.1   30.5   3.02   0.1   302   0     35'   10.4   30.8   2.96   0.05   148   0     40'   10.8   30.3   2.81   0.06   169   0   Clay layer at 41'		10.8	30.5	2.82	0.15	423	0		
40' 10.8 30.3 2.81 0.06 169 0 Clay layer at 41'	30'	10.1	30.5	3.02	0.1	302	0		
	35'	10.4	30.8	2.96	0.05	148	0		
45' 10.1 30.5 3.02 0.07 211 0 Clay	40'	10.8	30.3	2.81	0.06	169	0	Clay layer at 41'	
	45'	10.1	30.5	3.02	0.07	211	0	Clay	
Image: Solution of the second seco									
Image: Section of the section of th									
	Notes: Cla	y layer @ 4	1' still in c	lay @ 45'bgs	s plugged h	ole with be	entonite.		
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.									
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.									
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.									
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.	<u></u>								_
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.	kadili jaanayaan ahayyyya aya				ويندرون وينصيك ككان				
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.	Na ana amin'ny fanisa amin'ny samana amin'ny samana amin'ny samana amin'ny samana amin'ny samana amin'ny saman								
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.					بيدورين ورابقة معوديا وكالتراب		ور المراجع الم		
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.								1	
					1	Signature:	nilar	ue FNUN 12 Date: 10/18/06	
Notes: Clay layer @ 41' still in clay @ 45'bgs plugged hole with bentonite.									and the local division of

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Regulated by: Texas Dept. of Licensing & Regulation, Water Well Division, P.O. Box 12157, Austin, TX 78711, (800) 803-9202



## BD G-26-2 SB # 1



## BD G-26-2 SB @ Source



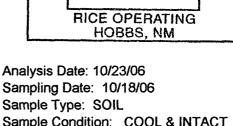
PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: KRISTIN FARRIS-POPE 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 10/20/06 Reporting Date: 10/23/06 Project Number: NOT GIVEN Project Name: NOT GIVEN Project Location: BD JCT G-26-2



OCT 2 5 2006

Sampling Date: 10/18/06 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By: HM

	CI <sup></sup>
LAB NO. SAMPLE ID	(mg/Kg)
H11689-1 SB 1 @ 45' BGS	64
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	0.0

METHOD: Standard Methods 4500-CI<sup>-</sup>B NOTE: Analysis performed on a 1:4 w:v aqueous extract.

Date

H11689

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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LABORATORIES, INC.	
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2111 Beechwood, Abllene, TX 79603 (325) 673-7001 Fax (325) 673-7020	79603 101 East Marland, Hobbs, NM 88240 L7070 (505) 393-2328 Eax (505) 393-2476	bs, NM 88240	-		Page	
company Name: Kice Operations Comp	-	BILL TO		ANALYSIS	REQUEST	
B		P,O. #:				
		Company:				
city: Hobbs state: Nr.	Chean in U	Attn:				
Phone #: 393.9174 Fax #: 39	-7	Address:		 		
Project #; Project Owner:		city:				
Project Name:	-	State: Zip;	•			
Project Location: 60 JCt G-26-2		Phone #:				
Sampler Name: Melanie Franks		Fax #:				
	MATRIX	PRESERV. SAMPLI	LING	<u> </u>		
Lab I.D. Sample I.D.	G)RAB OR (C)C CONTAINERS GROUNDWATE VASTEWATER GIL DIL SLUDGE	DTHER : CED/BASE: CE / COOL DTHER :		Chlor		
H11699-1581045 1045		i id	1:48 X			
			-			
PLEASE HOTE: Clabing and Damages Cardina's spoling and elemit's endusive remedy for any claim arising whether based in contract or text, shall be limited to the amount paid by the clent for the	n arising whether based in contract or tort, shall be	imited to the amount paid by the client for the		Terms and Conditions: interest will be charged on all accounts more than an draw each due at the rate of 24 % per annum form the original date of in	be charged on all accounts r	nore than date of Invoke,
anyse. Al data bakary creeks inporte na vy car case maneres in consider the and the analysis to the of point states we	d o the made in third and some of the of the state of points in the state of the st	-y usys and consponding the approach factored by client, its subsidiaries, howe stated reasons of attenying.		and all costs of coffections, including attorney's kes.	g altorney's kes.	
Sampler Relinquished:	A Received By: :		Phone Result:			
rue Anantes			REWARKS;			
Refinquished By: Date: Time:	Received By: (Lab Staff)	E C		·		. ** . *
Sampler - UPS - Bus - Other:	Sample Condition	Intherr By: Yes (IntHalb)				
"f Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.	itten changes to (325) 673-7020.			-	-	

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## **RICE** Operating Company

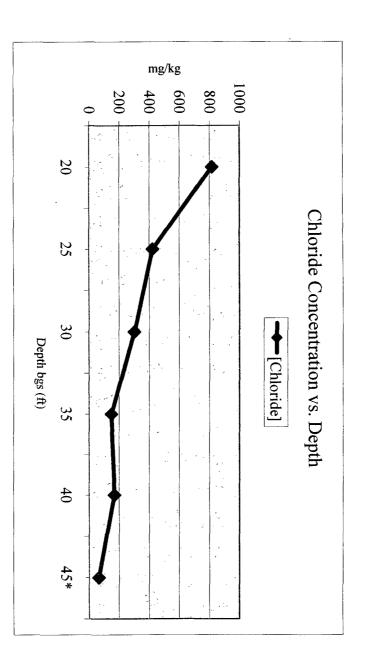
# **BD jct. G-26-2** unit 'G', Sec. 26, T21S, R37E

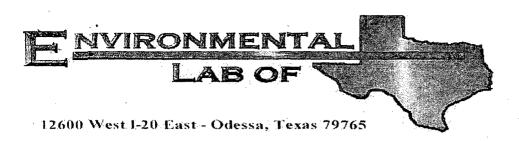
## SOIL BORING 10/18/2006

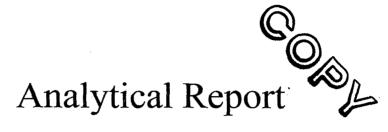
45*	40	35	30	25	20	Depth bgs (ft)
64	169	148	302	423	815	[Cl] mg/kg

## Groundwater = 53 ft









## **Prepared for:**

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

Project: BD Jct. G-26-2 Project Number: None Given Location: None Given

Lab Order Number: 6F01002

Report Date: 06/06/06

Rice Operating Co.	Project: BD Jct. G-26-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	06/06/06 16:30

## ANALYTICAL REPORT FOR SAMPLES

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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
@12' Bottom Comp.	6F01002-01	Soil	05/30/06 14:20	06/01/06 08:00
Backfill	6F01002-02	Soil	05/30/06 14:45	06/01/06 08:00
30'X30' 4 Wall Comp.	6F01002-03	Soil	05/30/06 14:55	06/01/06 08:00

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240			roject: BD umber: No nager: Roj	ne Given	-2			Fax: (505) Repor 06/06/06	ted:
		Or Environn	ganics b nental L	-	`exas				
Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
@12' Bottom Comp. (6F01002-01) S	oil	-							
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF60223	06/02/06	06/03/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	11	tt	n	n	"		
Carbon Ranges C28-C35	ND	10.0	**	ŧT	R	17		н	
Total Hydrocarbon nC6-nC35	ND	10.0	11	**	"	n	n	<b>n</b> .	
Surrogate: 1-Chlorooctane		92.6 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		97.0 %	70-1	30	"	"	"	11	
Backfill (6F01002-02) Soil								-	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF60223	06/02/06	06/03/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	11	11	"	**	87	11	
Carbon Ranges C28-C35	ND	10.0	n	"	11	"		́ в	
Total Hydrocarbon nC6-nC35	ND	10.0		н	11	11	"	n	
Surrogate: 1-Chlorooctane		88.1 %	70-1	30	".	"	"	"	
Surrogate: 1-Chlorooctadecane		93.5 %	70-1	130	"	**	"	<b>"</b>	
30'X30' 4 Wall Comp. (6F01002-03)	Soil								
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF60223	06/02/06	06/03/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0		н	v	0	"	н	
Carbon Ranges C28-C35	ND	10.0	н				ri	*1	
Total Hydrocarbon nC6-nC35	ND	10.0		"	u	"	11	31	
Surrogate: 1-Chlorooctane		88.7 %	70-1	130	"	"	"	"	,
Surrogate: 1-Chlorooctadecane		96.3 %	70-1	130	"	"	"	"	

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Environmental Lab of Texas

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Rice Operating Co.Project:BD Jct. G-26-2Fax: (505) 397-1471122 W. TaylorProject Number:None GivenReported:Hobbs NM, 88240Project Manager:Roy Rascon06/06/06 16:30

## General Chemistry Parameters by EPA / Standard Methods

**Environmental Lab of Texas** 

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
@12' Bottom Comp. (6F0100)	2-01) Soil								
Chloride	837	10.0	mg/kg	20	EF60305	06/01/06	06/01/06	EPA 300.0	
% Moisture	7.6	0.1	%	1	EF60213	06/02/06	06/02/06	% calculation	
Backfill (6F01002-02) Soil						_			
Chloride	682	10.0	mg/kg	20	EF60305	06/01/06	06/01/06	EPA 300.0	
% Moisture	3.1	0.1	%	1	EF60213	06/02/06	06/02/06	% calculation	
30'X30' 4 Wali Comp. (6F010	002-03) Soil								
Chloride	357	10.0	mg/kg	20	EF60102	06/01/06	06/03/06	EPA 300.0	
% Moisture	6.1	0.1	%	1	EF60213	06/02/06	06/02/06	% calculation	

Environmental Lab of Texas

Rice Operating Co. 122 W. Taylor Hobbs NM, 88240		Pr Project Nu Project Mar		ne Given	2				Fax: (505) Repo 06/06/0	rted:
	Ų	anics by nvironm	-	•						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF60223 - Solvent Extraction	(GC)									
Blank (EF60223-BLK1)				Prepared:	06/02/06	Analyzed	: 06/03/06			
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	n							
Carbon Ranges C28-C35	ND	10.0	n							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	57.4		"	50.0		115	70-130			
LCS (EF60223-BS1)				Prepared:	06/02/06	Analyzed	l: 06/03/06			
Carbon Ranges C6-C12	580	10.0	mg/kg wet	500		116	75-125	<u> </u>		
Carbon Ranges C12-C28	593	10.0	"	500		119	75-125			
Carbon Ranges C28-C35	ND	10.0	11	0.00			75-125			
Total Hydrocarbon nC6-nC35	1170	10.0		1000		117	75-125			
Surrogate: 1-Chlorooctane	61.9		mg/kg	50.0		124	70-130			
Surrogate: 1-Chlorooctadecane	63.9		"	50.0		128	70-130			
Calibration Check (EF60223-CCV1)				Prepared:	06/02/06	Analyzed	l: 06/03/06			
Carbon Ranges C6-C12	286		mg/kg	250		114	80-120			
Carbon Ranges C12-C28	286		 N	250		114	80-120			
Total Hydrocarbon nC6-nC35	572		11	500		114	80-120			
Surrogate: I-Chlorooctane	54.5		"	50.0		109	70-130			
Surrogate: 1-Chlorooctadecane	64.0		"	50.0		128	70-130			
Matrix Spike (EF60223-MS1)	Sou	rce: 6F010	08-01	Prepared:	06/02/06	Analyzed	1: 06/03/06			
Carbon Ranges C6-C12	585		mg/kg dry	568	ND	103	75-125			
Carbon Ranges C12-C28	600	10.0	N 1	568	ND	106	75-125			
Carbon Ranges C28-C35	ND	10.0	n	0.00	ND		75-125			
Total Hydrocarbon nC6-nC35	1190	10.0	"	1140	ND	104	75-125			
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0	, <u></u>	104	70-130		<u> </u>	
Surrogate: 1-Chlorooctadecane	49.4		"	50.0		98.8	70-130			

Environmental Lab of Texas

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

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### Project: BD Jct. G-26-2 Project Number: None Given Project Manager: Roy Rascon

**Reported:** 06/06/06 16:30

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

## **Environmental Lab of Texas**

Y										
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

### Batch EF60223 - Solvent Extraction (GC)

Matrix Spike Dup (EF60223-MSD1)	Sour	ce: 6F010	08-01	Prepared:	06/02/06	Analyzed	1: 06/03/06			
Carbon Ranges C6-C12	579	10.0	mg/kg dry	568	ND	102	75-125	1.03	20	
Carbon Ranges C12-C28	596	10.0	"	568	ND	105	75-125	0.669	20	
Carbon Ranges C28-C35	ND	10.0	11	0.00	ND		75-125		20	
Total Hydrocarbon nC6-nC35	1180	10.0	10	1140	ND	104	75-125	0.844	20	
Surrogate: 1-Chlorooctane	51.7		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	49.0		"	50.0		98.0	70-130			

Environmental Lab of Texas

Rice Operating Co.	Project: BD Jct. G-26-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	06/06/06 16:30

## 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 EF60102 - Water Extraction	<u></u>									
Blank (EF60102-BLK1)				Prepared	& Analyzo	ed: 06/01/	06			
Chloride	ND	0.500	mg/kg							
LCS (EF60102-BS1)				Prepared	& Analyze	ed: 06/01/	06			
Chloride	9.93	0.500	mg/kg	10.0		99.3	80-120			
Calibration Check (EF60102-CCV1)				Prepared	& Analyze					
Chloride	10.2		mg/L	10.0		102	80-120			
Duplicate (EF60102-DUP1)	Sou	ırce: 6E310(	)1-12	Prepared	& Analyz	ed: 06/01/	06			
Chloride	709	10.0	mg/kg		692			2.43	20	
Matrix Spike (EF60102-MS1)	Soi	ırce: 6E310(	)1-12	Prepared	& Analyz	ed: 06/01/	06			
Chloride	935	10.0	mg/kg	200	692	122	80-120			S-01
Matrix Spike Dup (EF60102-MSD1)				Prepared	06/01/06	Analyzed	1: 06/03/06			
Chloride	ND	0.500	mg/kg				80-120		20	
Batch EF60213 - General Preparation	n (Prep)									
Blank (EF60213-BLK1)				Prepared	& Analyz	ed: 06/02/	06			
% Solids	100		%							
Duplicate (EF60213-DUP1)	Sou	ırce: 6F010(	)1-01	Prepared	& Analyz	ed: 06/02/	06			
% Solids	89.7		%		90.1			0.445	20	
Duplicate (EF60213-DUP2)	Sou	urce: 6F010(	06-02	Prepared	& Analyz	ed: 06/02/	'06			
% Solids	93.9		%		94.4			0.531	20	

Environmental Lab of Texas

Rice Operating Co.	Project: BD Jct. G-26-2	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	Reported:
Hobbs NM, 88240	Project Manager: Roy Rascon	06/06/06 16:30

## 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 EF60213 - General Preparation (F	Prep)									······
Duplicate (EF60213-DUP3)	So	urce: 6F0100	9-10	Prepared	& Analyze	ed: 06/02/	06			
% Solids	95.3		%		95.4			0.105	20	
Batch EF60305 - Water Extraction		·		······						
Blank (EF60305-BLK1)				Prepared	& Analyze	ed: 06/01/	06			
Chloride	ND	0.500	mg/kg							
LCS (EF60305-BS1)				Prepared	& Analyz	ed: 06/01/	06			
Chloride	10.2		mg/L	10.0		102	80-120			
Calibration Check (EF60305-CCV1)				Prepared	& Analyze	ed: 06/01/	06			
Chloride	10.9		mg/L	10.0		109	80-120			
Duplicate (EF60305-DUP1)	So	urce: 6F0100	2-01	Prepared	& Analyz	ed: 06/01/	06			
Chloride	829	10.0	mg/kg	· .	837			0:960	20	
Duplicate (EF60305-DUP2)	So	urce: 6F0100	9-01	Prepared	& Analyz	ed: 06/01/	06			
Chloride	1090	25.0	mg/kg		1010			7.62	20	
Matrix Spike (EF60305-MS1)	So	urce: 6F0100	2-01	Prepared	& Analyz	ed: 06/01/	06			
Chloride	1130	10.0	mg/kg	200	837	146	80-120			S-0
Matrix Spike (EF60305-MS2)	So	urce: 6F0100	9-01	Prepared	& Analyz	ed: 06/01/	06			
Chloride	1860	25.0	mg/kg	500	1010	170	80-120		· · · · ·	S-(

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Project: BD Jct. G-26-2	Fax: (505) 397-1471
Project Number: None Given	Reported:
Project Manager: Roy Rascon	06/06/06 16:30
	Project Number: None Given

- S-07 Recovery outside Laboratory historical or method prescribed limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported

2

- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike

Dup Duplicate

Rolandk Juli Report Approved By: Date: 6-07-06

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

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Environmental Lab of Texas, Inc. 12600 West I-20 East Phone: 915-563-1800 Phone: 915-563-1713	Doessa, rexas / 5/ 03 Prolect Manager: Roy Rascon	Company Name Rice Operating Company	Î	Company Address: 122 W Taylor	city/state/zlp: Hobbs, NM 88240	Telephone:No: 505-393-9174	Sampler Signature:	b			· · · · · · · · · · · · · · · · · · ·	T	Τ	T	1.			1			-	118.	Alerry
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	Environmental Lab of Texas					
*	Variance / Corrective Action Report – Sample Log-In					
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ate/Time:	6/1/04 8:00					
rder #:	UE01002					
itials:	Cla					

## Sample Receipt Checklist

		· · · · · · · · · · · · · · · · · · ·	
emperature of container/cooler?	Yes	No	2.0 01
niccing container/cooler in good condition?	VES	No	
ustody Seals intact on shipping container/cooler?		No	Not present
ustody Seals intact on sample bottles?	XES	No	Not present
hain of custody present?	(E)	No	
ample Instructions complete on Chain of Custody?	Xes	No	
hain of Custody signed when relinquished and received?	(E)	No	
nain of custody agrees with sample label(s)	C	No	1
ontainer labels legible and intact?	<b>E</b>	No	
ample Matrix and properties same as on chain of custody?	Yes	No	
amoles in proper container/bottle?	1 (Fes	No	•
amples properly preserved?	(CES	No	
ample bottles intact?	(Tep	No	
reservations documented on Chain of Custody?	(Es	No	1
ontainers documented on Chain of Custody?		No	
ufficient sample amount for indicated test?	YES	No_	
I samples received within sufficient hold time?	Yes	I No	
OC samples have zero headspace?	res	No	Nct Apolicable

ther observations:

Variance Documentation:

entact Person: egarding:	Date/Time	8:	Contacte	_ Contacted by:			
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