State of New Mexico **Energy Minerals and Natural Resources**

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

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Release Notification and Corrective Action

	OPERATOR	Initial Report	Final Report
Name of Company: Rice Operating	Contact: Tony Grieco		
Address: 122 W. Taylor St., Hobbs, NM 88240	Telephone No.: (575) 393-9174		
Facility Name: BD	Facility Type: Salt Water Gather	ing System	

Surface Oumor: Invin Doud	Mineral Owner	Lease No.
Surface Owner: Irvin Boyd		Lease No.

LOCATION OF RELEASE

Unit Letter M.P	Section 14.15	Township 22S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County LEA
			• • •					

Latitude: 32°23.131 N Longitude: 103°08.528W

NATURE	OF RELEASE	
Type of Release: PRODUCED WATER	Volume of Release: 850 BBLS	Volume Recovered: 200 BBLS
Source of Release: SWD PIPELINE	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: 8/27/06 10:30 AM
Was Immediate Notice Given?	If YES, To Whom?	
🖾 Yes 🔲 No 📋 Not Required	GARY WINK	
By Whom? NOE CARMONA	Date and Hour: 8/27/06 1:40 PM	
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.
🗋 Yes 🖾 No		
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*: A four inch	PVC line split. The line was replace	ed with new schedule 40 PVC.
highway and disposed at Sundance disposal facility. 12 yds of sand w was submitted 8/29/06. Delineation activities were conducted from th highway was scraped on 10/3-5/07 to a depth of three inches and 144 imported. Lesser impacted soil was remediated on site; lab samples the west side was blended with amendments (coarse hay to improve s and used to fill an area which had been more deeply excavated; the d entire area was contoured. The entire site was seeded on 11/27/07 wi	e time of discovery and completed (yds of impacted soil were exported confirm that OCD TPH requirements soil structure and fertility) and spre like on the east side of the highway th a blend of native vegetation.	October 2007. The entire area west of the to Sundance; 84 yds of clean sand were hts were met. On 10/31/07 Soil on site on ad, 120 yds of clean soil were imported was broken down, spread out and the
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release r public health or the environment. The acceptance of a C-141 report by the should their operations have failed to adequately investigate and remediation the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	notifications and perform corrective as the NMOCD marked as "Final Report" te contamination that pose a threat to	ctions for releases which may endanger does not relieve the operator of liability ground water, surface water, human health
Signature: low m	OIL CONSER	VATION DIVISION
Printed Name: Tony Grieco	Approved by District Supervisor:	pis Williams
Title: Environmental Tech	Approval Date: 12/27/07	Expiration Date: 12/27/07
E-mail Address: tgrieco@riceswd.com	Conditions of Approval:	Attached 🗌
Date: 11/27/07 Phone: (575) 393-9174		
Attach Additional Sheets If Necessary		······································
		RP# 160

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1625 N. French Dr., Hybbs, Ny 188240		New Mex	ico I Resources			Form C-1 Revised October 10, 2
1301 W. Grand Avenue, Artesia NM 88210						Submit 2 Copies to appropr.
1000 Rio Brazos Road, Actec, NM 87410		rvation Div h St. Franc				District Office in accorda with Rule 116 on b
PERIOR IT		e, NM 875				side of f
Release Notifi				ction		·····
Accrease Trotain		OPERA		CUUM	-	Report 🔲 Final Re
Name of Company: Rice Operating Company	T	Contact:				
Address: 122 West Taylor			No.: 505-393-9			
Facility Name: BD		Facility Typ	e: Salt Water I	Disposa	System	
Surface Owner: D.K. Boyd Mineral	Owner:				Lease N	0.:
LOC	ATIO	N OF RE	LEASE			
Unit LetterSectionTownshipRangeFeet from theM, P14, 1522S37E37E	North	/South Line	Feet from the	East/V	Vest Line	County Lea
			de: <u>103*08.528</u>	<u>w</u>		
Type of Release: Produced Water	IUKE	OF REL	Release: 850 bar	reis*	Volume R	covered: 200 barrels
Source of Release: SWD pipeline			lour of Occurrenc		Date and H	lour of Discovery:
Was Immediate Notice Given?	·	N/A	Whom? Gary W	link	8/27/06 10	:30 am
Yes I No I Not R	Required	1111.0, 10	whom: Gary w	ILEK		
By Whom? Noe Carmona			Iour: 8/27/06 1:4			
Was a Watercourse Reached?		If YES, Vo	slume Impacting t	he Wate	rcourse:	
If a Watercourse was Impacted, Describe Fully.*						
Describe Cause of Problem and Remedial Action Taken.* 4 " PV	VC split.	Replaced wi	th new schedule f	orty PV(C.	
Describe Area Affected and Cleanup Action Taken.* Approxim Equipment is being used to scrape the top 4" of impacted soil and release site is being contoured to prevent runoff. Investigation an	d haul it t 1d Charac	to a NMOCD cterization Pla	approved dispose	J. Tacilito	P. Due to co	pected heavy rainfall the
I hereby certify that the information given above is true and comp regulations all operators are required to report and/or file certain a public health or the environment. The acceptance of a C-141 rep should their operations have failed to adequately investigate and a or the environment. In addition, NMOCD acceptance of a C-141 federal, state, or local laws and/or regulations.	remediate	e contaminati	out hat nose a the	esponsil	bes not rene ound Svater, billty for con	surface water, human health mpliance with any other
Signature: 2010 Jennifer Johnson		Approved by	OIL CON		ATION I	<u>DIVISION</u>
Title: Environmental and Field Technician		Approval Dat	: 12/27/0	7 1	Expiration D	ate: 12/27/07
E-mail Address: jjohnson@riceswd.com		Conditions of				Attached
Date: 8/28/06 Phone: 505-393-9174						
Attach Additional Sheets If Necessary	L				I	······································

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* Approximately 850 barrels of produced water was released. Due to heavy rain and standing rainwater, the produced water was diluted 1 rainwater to 2 parts produced water.

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BD P-15 LEAK



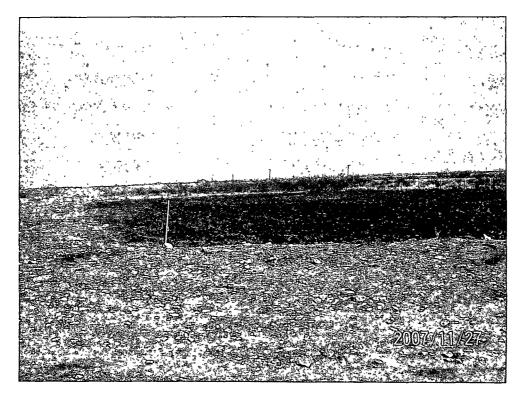
LEAK SITE EAST OF HIGHWAY, FACING EAST. NOTE POND AREA IN BACKGROUND.

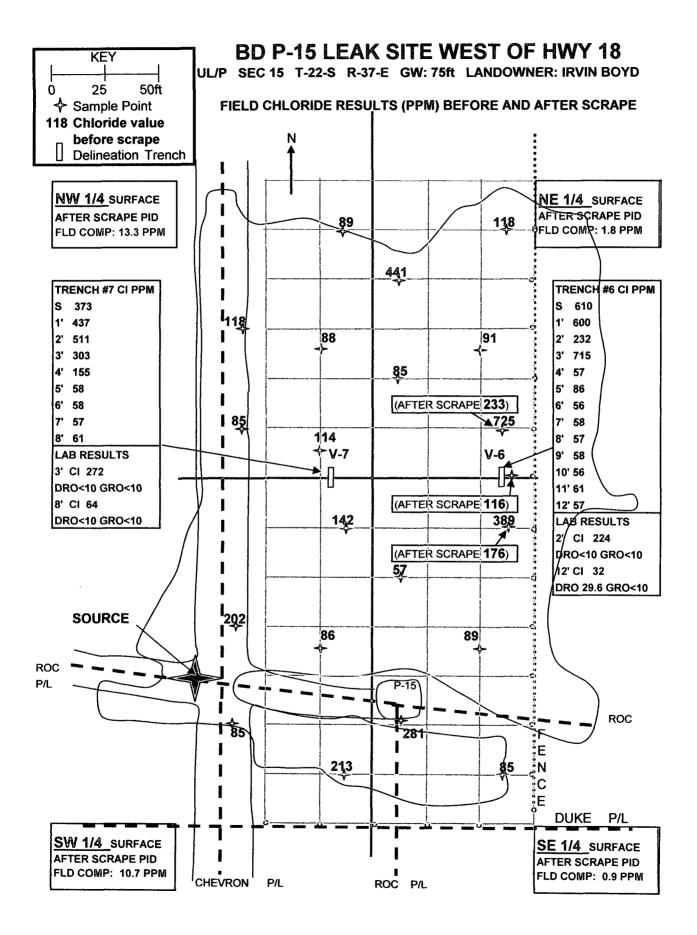


BD P-15 LEAK



FACING NORTH FROM SOURCE. CHEVRON ROW IS ON THE LEFT (WEST)







PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 02/02/07 Reporting Date: 02/08/07 Project Number. NOT GIVEN Project Name: BDP-15 W Project Location: NOT GIVEN Sampling Date: 01/29/07 Sample Type. SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DA	TE	02/06/07	02/06/07	02/03/07
H12132-1	VERTICAL #6 12'	<10.0	29.6	32

	02/00/07	02/00/07	02/03/07
H12132-1 VERTICAL #6 12'	<10.0	29.6	32
H12132-2 VERTICAL #7 8'	<10.0	<10.0	64
Quality Control	801	771	500
True Value QC	800	800	500
% Recovery	100	96.4	100
Relative Percent Difference	0.1	2.3	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻. Std Methods 4500-Cl⁻B *Analyses performed on 1.4 w.v aqueous extracts.

Dur en Roch

H12132

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 subsidiares, 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.

ARDINAL LABORATORIES, INC.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	2111 Beechwoo (325) 673-700	d, Abilene, 1X 7960 1 Fax (325) 673-702	3 1	101	East	Marl	and 6 Fr	, Ho	bbs,	NM 293-	88	240				~				Page	01	
Company Name:	Rice operati		<u>.</u>				~	<u></u>	T,				LL TO) }		ANA	LYSIS	REQU			<u> </u>
Project Manager:	Pari RASCONE		<u>8-12</u> , -						P.0). #	te arechard •	manalar	al proposition and the second s	z พระบบสายไดร (พระราชอย่างการการการการการการการการการการการการการก			1	T			·	
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PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/24/07 Reporting Date. 01/25/07 Project Number. NOT GIVEN Project Name: BD P-15 W Project Location. NOT GIVEN Sampling Date: 01/24/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By: BC/HM

	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	CI*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS DATE	01/24/07	01/24/07	01/25/07
H12076-1 VERTICAL #6 2'	<10.0	48.8	224
H12076-2 VERTICAL #7 3'	<10.0	<10.0	272
Quality Control	793	793	480
True Value QC	800	800	500
% Recovery	99.1	99.1	96.0
Relative Percent Difference	05	29	4.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI⁻: Std. Methods 4500-CI⁻B *Analyses performed on 1:4 w:v aqueous extracts

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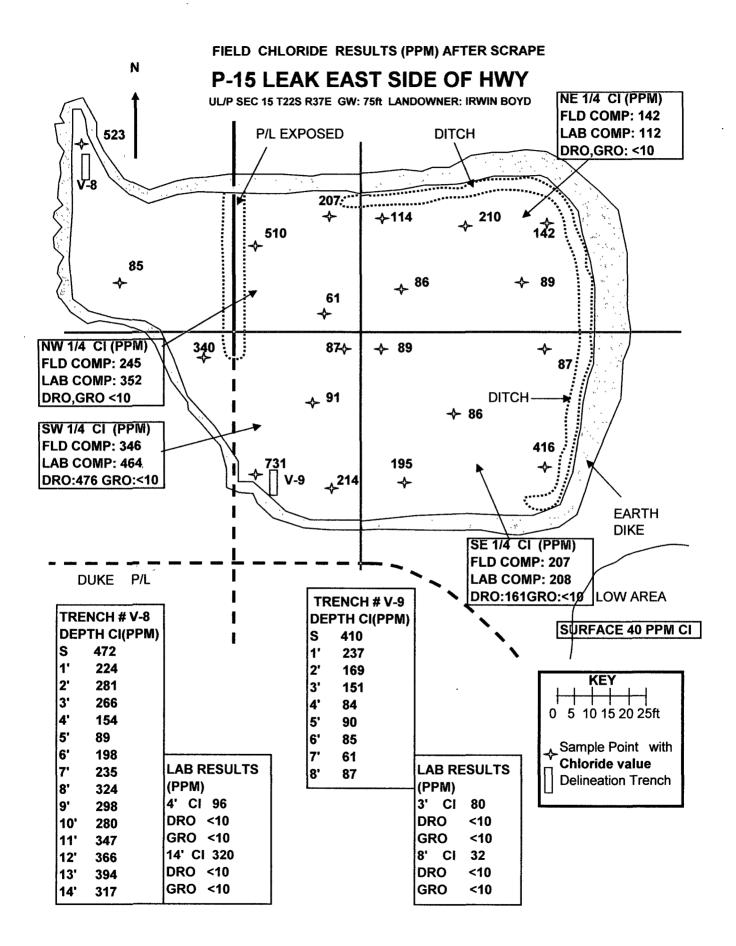
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CHAIN-OF-CISTODY AND ANALYSIS REQUEST

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Phone #: 373		Fax #: 397.					!]	drea	g.											
Project #:		Project Owner:		<u> </u>	L				CIL													
Project Name:	BD P-15	the second se							Sta				Zip:		[-			
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† Cardinal cannot accept verbal changes. Please fax wilten changes to (325) 673-7020.





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

ANALYTICAL RESULTS FOR RICE OPERATING CO ATTN. ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO. (505) 397-1471

FEB 1 5 2007

RICE OPERATING HOBBS NM

Sampling Date: 02/06/07 Sample Type, SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By, BC/HM

Receiving Date: 02/07/07 Reporting Date: 02/09/07 Project Number: NOT GIVEN Project Name: BD P-15 E Project Location: NOT GIVEN

SAMPLE ID	GRO (C ₆ -C ₁₀)	DRO (>C ₁₀ -C ₂₈)	Cl*
	(mg/Kg)	(mg/Kg)	(mg/Kg)
VERTICAL #8 14'	<10.0	<10.0	320

000

LAB NUMBER SAMPLE ID

ANALYSIS DATE	02/09/07	02/09/07	02/07/07
H12161-1 VERTICAL #8 14'	<10.0	<10.0	320
H12161-2 VERTICAL #9 8'	<10.0	<10.0	32
Quality Control	798	799	490
True Value QC	800	800	500
% Recovery	99.7	99.9	98.0
Relative Percent Difference	0.2	02	0.0

METHODS⁻ TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻⁻ Std. Methods 4500-Cl⁻B *Analyses performed on 1:4 w:v aqueous extracts.

505 -

Buy and Cook

H12161

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim ansing, 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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city: Hobt	city: Hobbs State: NMI ZIP: 88240										1:							{	{	1		{	
Phone #: 393-9174 Fax #: 397-1471										Add	lres	8:								[{	1	
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Sampler Name:	TONY GILLE	T()								Fax	(f :					Ĩ.	7						
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PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR **RICE OPERATING COMPANY** ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 09/06/06 Reporting Date: 09/06/06 Project Number: NOT GIVEN Project Name: BD P-15 LEAK Project Location: NOT GIVEN

4 -1 663 1.....

Analysis Date: 09/06/06 Sampling Date: 09/06/06 Sample Type: POND WATER Sample Condition: COOL & INTACT Sample Received By. HM Analyzed By: HM

> CI (mg/L)

> > 40

H11509-1	POND #1
	· · · · · · · · · · · · · · · · · · ·

LAB NO. SAMPLE ID

Quality Control	990
True Value QC	1000
% Recovery	99
Relative Percent Difference	1.0
METHOD: Standard Methods	4500-CI ⁻ B

Chemist

09-66-06 Date

H11509

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 part by client for an ityses 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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A.	LABORATORIES, INC.		
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	2111 Beechwood, Abilene, TX 79603	101 East Marland, Hobbs, NM 882	40

	(325) 673-7001	Fax (325) 673-702	0 (505)	393	3-232	6 F	ax (505) 39	3-2	476									Page	of	
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ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN. ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

WN S880H RICE OPERATING

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RECEIVEL

Receiving Date: 01/23/07 Reporting Date: 01/24/07 Project Number: NOT GIVEN Project Name: BD P-15 E LEAK Project Location: NOT GIVEN Sampling Date: 01/22/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By. BC/LB

LAB NUMBE	R SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS D	ATE	01/23/07	01/23/07	01/23/07
H12070-1	NE 1/4 5 POINT COMP.	<10.0	<10.0	112
H12070-2	NW 1/4 5 POINT COMP.	<10.0	<10.0	352
H12070-3	SW 1/4 5 POINT COMP.	<10.0	476	464
H12070-4	SE 1/4 5 PT COMPOSITE	<10.0	161	208
Quality Cont	rol	786	796	520
True Value C	2C	800	800	500
% Recovery		98.2	99.5	104
Relative Per	cent Difference	1.2	0.6	5.8

METHODS: TPH GRO & DRO. EPA SW-846 8015 M; CI⁻: Std. Methods 4500-CI⁻B *Analyses performed on 1:4 w:v aqueous extracts.

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Date

H12070

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 clien. 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 applicity service. In no event shall Cardinal be liable for incidental or consequential damages including, without limitation, business interruptions fors of use, or loss of profits incurred by clien. It is to softance 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 cr otherwise.

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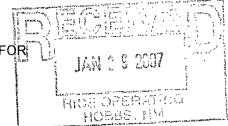
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ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO⁻ (505) 397-1471



Receiving Date: 01/24/07 Reporting Date: 01/25/07 Project Number: NOT GIVEN Project Name: BD P-15 E Project Location: NOT GIVEN Sampling Date: 01/24/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By. BC/HM

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE	01/24/07	01/24/07	01/25/07
H12077-1 VERTICAL #8 4'	<10.0	<10.0	96
H12077-2 VERTICAL #9 3'	<10.0	<10.0	80
Quality Control	793	793	480
True Value QC	800	800	500
% Recovery	99.1	99.1	96.0
Relative Percent Difference	0.5	2.9	4.1

METHODS: TPH GRO & DRO. EPA SW-846 8015 M; CI⁻: Std. Methods 4500-CI⁻B *Analyses performed on 1:4 w:v aqueous extracts.

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H12077

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