

1R - 428-37

REPORTS

DATE:

DEC 5, 2002

1R-428-37

**FINAL
REPORT**



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: D. ANDERSON
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO:

Receiving Date: 12/02/02
 Reporting Date: 12/04/02
 Project Number: NOT GIVEN
 Project Name: HOBBS SWD
 Project Location: NOT GIVEN

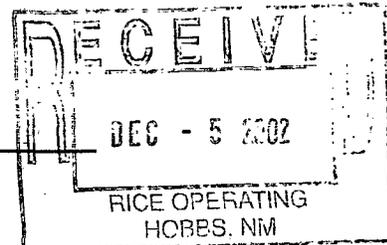
Sampling Date: 12/02/02
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: AH
 Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		12/03/02	12/03/02	12/04/02
H7263-1	TRACT 5 EOL BTM COMP	<10.0	<10.0	80
H7263-2	TRACT 5 EOL WALL COMP	<10.0	<10.0	128
H7263-3	JCT I-9-1 BTM COMP	<10.0	<10.0	48
H7263-4	JCT I-9-1 WALL COMP	<10.0	<10.0	64
H7263-5	JCT G-30 BTM COMP	<10.0	<10.0	192
H7263-6	JCT G-30 WALL COMP	<10.0	<10.0	336
H7263-7	C-9 BTM COMP	<10.0	<10.0	64
H7263-8	C-9 WALL COMP	<10.0	<10.0	96
H7263-9	JCT E-10-1 BTM COMP	<10.0	<10.0	128
H7263-10	JCT E-10-1 WALL COMP	<10.0	<10.0	1184
Quality Control		771	779	980
True Value QC		800	800	1000
% Recovery		96.4	97.4	98.0
Relative Percent Difference		12.7	8.0	3.0

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

Benjamin G. Roche
 Chemist

12/04/02
 Date



H7263A.XLS

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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 ATTN: D. ANDERSON
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Receiving Date: 12/02/02
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 Project Number: NOT GIVEN
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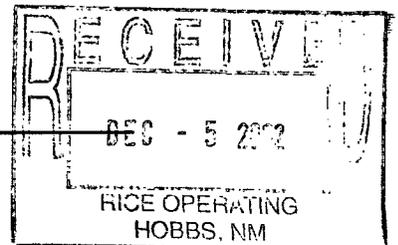
Sampling Date: 12/02/02
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: AH
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		12/02/02	12/02/02	12/02/02	12/02/02
H7263-1	TRACT 5 EOL BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-2	TRACT 5 EOL WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-3	JCT I-9-1 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-4	JCT I-9-1 WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-5	JCT G-30 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-6	JCT G-30 WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-7	C-9 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-8	C-9 WALL COMP	<0.005	<0.005	<0.005	<0.015
H7263-9	JCT E-10-1 BTM COMP	<0.005	<0.005	<0.005	<0.015
H7263-10	JCT E-10-1 WALL COMP	<0.005	<0.005	<0.005	<0.015
Quality Control		0.109	0.107	0.108	0.310
True Value QC		0.100	0.100	0.100	0.300
% Recovery		109	107	108	103
Relative Percent Difference		4.1	8.5	8.9	7.9

METHOD: EPA SW-846 8260

Buyer of Coke
 Chemist

12/03/02
 Date



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page _____ of _____

Company Name: <i>Rich Operating Co</i>		BILL TO		ANALYSIS REQUEST												
Project Manager: <i>D. Anderson</i>		P.O. #: <i>737</i>														
Address: <i>Hobbs</i>		Company: <i>JAME</i>														
City: <i>Hobbs</i>		Attn: <i>JAME</i>														
Phone #: <i>393-9174</i>		Address:														
Project #: _____		City:														
Project Name: <i>Hobbs (W)</i>		State: <i>NM</i>														
Project Location: _____		Zip: <i>88240</i>														
Sampler Name: <i>D. Anderson</i>		Phone #: _____														
FOR LAB USE ONLY		Fax #: _____														
Lab I.D.	Sample I.D.	(G) RAB OR (C) OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME
<i>H7263-1</i>	<i>TRACT 5 ELL btm comp</i>	<i>5</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>12/2</i>	<i>0900</i>
<i>-2</i>	<i>wall comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>12/2</i>	<i>1000</i>
<i>-3</i>	<i>ACT I-9-1 btm comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>12/2</i>	<i>1200</i>
<i>-4</i>	<i>wall comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>12/2</i>	<i>1300</i>
<i>-5</i>	<i>ACT G-30 btm comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>12/2</i>	<i>1400</i>
<i>-6</i>	<i>wall comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>		
<i>-7</i>	<i>ACT G-9 btm comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>		
<i>-8</i>	<i>wall comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>		
<i>-9</i>	<i>ACT E-10-1 btm comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>		
<i>-10</i>	<i>wall comp</i>	<i>1</i>	<i>1</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>	<i>/</i>		

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: _____ Date: *12/2/07* Time: _____
 Relinquished By: *[Signature]*

Received By: _____ Date: *12/2/07* Time: _____
 Received By: (Lab Staff) *[Signature]*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____

Checked By: _____ (Initials)
 Yes No

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

