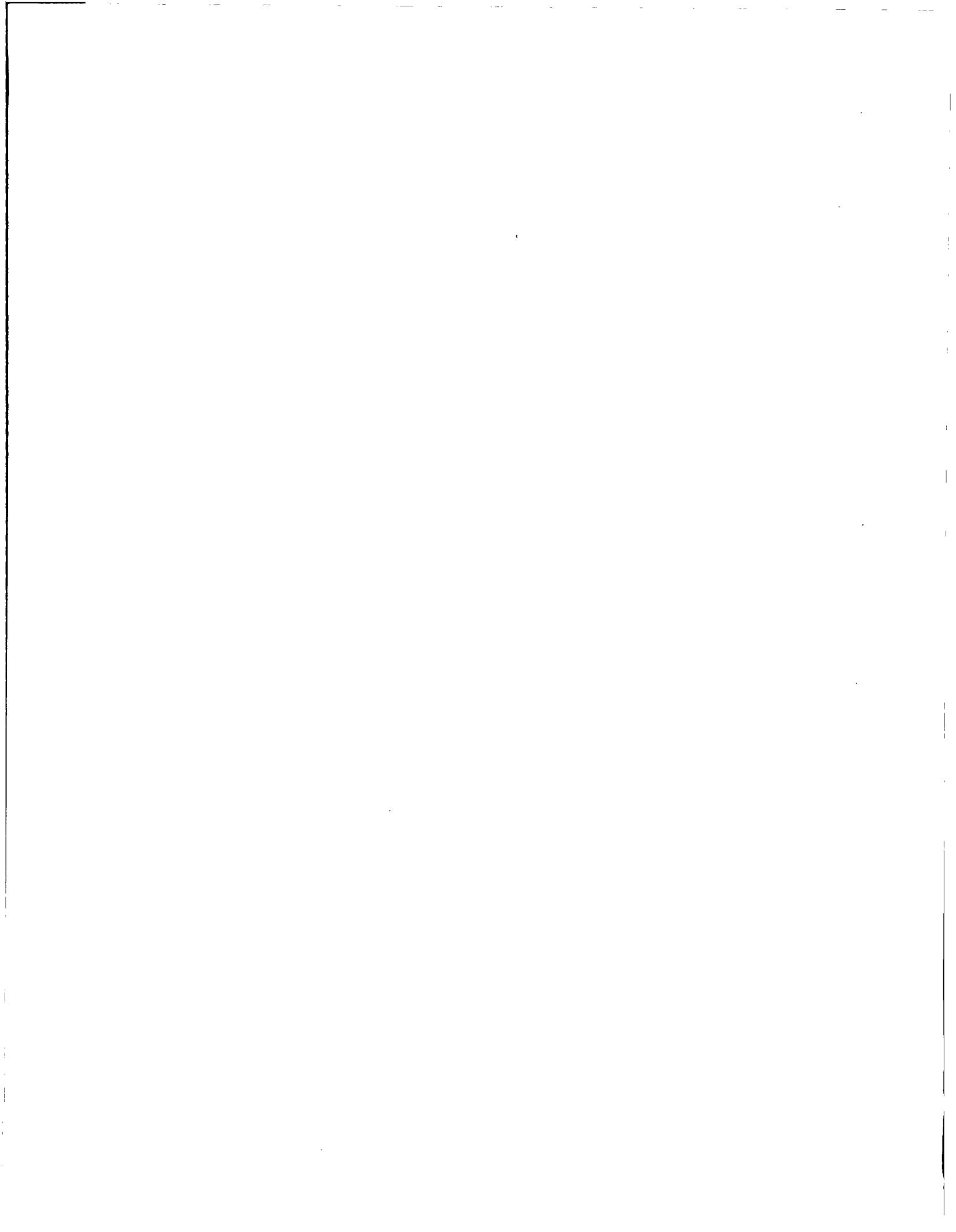


1R - 427 - 108

REPORTS

DATE:

2-15-2001



RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

427-108

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	J-9	J	9	20S	37E	LEA	8'	7'	5'

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ SW CATTLE CO _____ OTHER _____

Depth to Groundwater _____ 25 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 20 _____

Date Started _____ 02/15/2001 _____ Date Completed _____ 02/15/2001 _____ OCD Witness _____ NO _____

Soil Excavated _____ 12 _____ cubic yards Excavation Length _____ 10 _____ Width _____ 11 _____ Depth _____ 5 _____ feet

Soil Disposed _____ 12 _____ cubic yards Offsite Facility _____ Sundance _____ Location _____ Eunice, NM _____

FINAL ANALYTICAL RESULTS: Sample Date _____ 02/15/2001 _____ Sample Depth _____ 5' _____

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	< 0.005	<0.005	<0.005	<0.015	<50	<50	120
BOTTOM	< 0.005	< 0.005	< 0.005	<0.015	<50	124	299

General Description of Remedial Action: _____ Delineated vertical and lateral extent.

Installed compacted clay barrier and water tight junction box. High impacted soil was hauled to a permitted disposal facility. Backfilled with fresh soil. Natural attenuation will remediate the remaining hydrocarbon.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	2'	170
BOTTOM	5'	240

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

DATE _____ February 15, 2001 _____ PRINTED NAME _____ Chris Rodriguez _____

SIGNATURE _____ *Chris Rodriguez* _____ TITLE _____ Environmental Technician _____



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

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

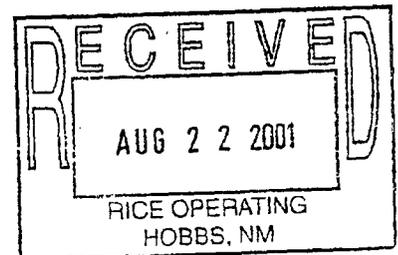
ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: JAMES STURGILL
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO:

Receiving Date: 02/15/01
 Reporting Date: 02/19/01
 Project Number: J-9 BOTTOM & SIDES
 Project Name: J-9 BOX-SIDES AND BOTTOM
 Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		02/15/01	02/15/01	02/16/01
H5620-1	J-9 SIDES	<50	<50	120
H5620-2	J-9 BOTTOM	<50	124	299
Quality Control		728	778	1051
True Value QC		800	800	1000
% Recovery		91.0	97.3	105
Relative Percent Difference		2.3	2.5	6.8

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



Burton A. Roche
 Chemist

2/19/01
 Date

H5620A.XLS

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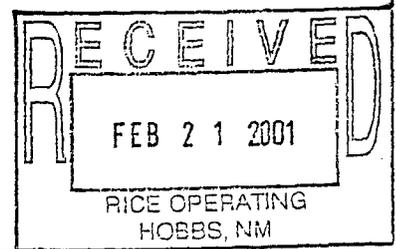
ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: JAMES STURGILL
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO:

Receiving Date: 02/15/01
 Reporting Date: 02/19/01
 Project Number: J-9 BOTTOM & SIDES
 Project Name: J-9 BOX-SIDES AND BOTTOM
 Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		02/15/01	02/15/01	02/15/01	02/15/01
H5620-1	J-9 SIDES	<0.005	<0.005	<0.005	<0.015
H5620-2	J-9 BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Control		0.111	0.102	0.107	0.317
True Value QC		0.100	0.100	0.100	0.300
% Recovery		111	102	107	106
Relative Percent Difference		1.6	8.8	7.3	7.1

METHOD: EPA SW-846 8260



Bryan R. Coche
 Chemist

2/19/01
 Date

H5620B.XLS
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Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, NM 88231
(505) 394-2511

88303

LEASE OPERATOR/SHIPPER/COMPANY: _____

4-9

LEASE NAME: _____

AFE-692

TRANSPORTER COMPANY: _____

TIME: _____

AM/PM

DATE: _____

VEHICLE NO.: _____

DRIVER NO.: _____

CHARGE TO: _____

TYPE OF MATERIAL

Production Water

Drilling Fluids

Completion Fluids

Tank Bottoms

Contaminated soil

C-117 No.: _____

Other Material: _____

BS&W Content: _____

Description: _____

VOLUME OF MATERIAL BBLs. _____ :

YARD 12 :

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: _____

(SIGNATURE)

FACILITY REPRESENTATIVE: _____

(SIGNATURE)

White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter
Revised 12/27/95

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	J-9	J	9	20S	37E	LEA	8'	7'	7'

LAND TYPE: _____ STATE _____ FEE LANDOWNER SW Cattle Company OTHER _____

Depth to Groundwater 25' feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 02/15/2001 Date Completed 02/15/2001 OCD Witness NONE

Soil Excavated 12 cubic yards Excavation Length 10' Width 11' Depth 4' feet

Soil Disposed 12 cubic yards Offsite Facility Sundance Disposal Location E.M.E.

FINAL ANALYTICAL RESULTS: Sample Date 02/15/2001 Sample Depth 5'

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.005	<0.005	<0.005	<0.015	<50	<50	120
BOTTOM	<0.005	<0.005	<0.005	<0.015	<50	124	299

General Description of Remedial Action: No remediation work was required.

Results did not exceed the NMOCD guidelines.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Cl
SIDEWALLS	2' BGS	170
BOTTOM	5' BGS	240

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

DATE 15-Feb-01

PRINTED NAME Chris Rodriguez

SIGNATURE *Chris Rodriguez*

TITLE ENVIRONMENTAL TECHNICIAN



**ARDINAL
LABORATORIES**

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: JAMES STURGILL
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

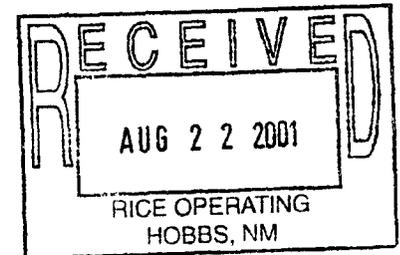
Receiving Date: 02/15/01
Reporting Date: 02/19/01
Project Number: J-9 BOTTOM & SIDES
Project Name: J-9 BOX-SIDES AND BOTTOM
Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	GRO	DRO	CI*
	(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	
ANALYSIS DATE	02/15/01	02/15/01	02/16/01
H5620-1 J-9 SIDES	<50	<50	120
H5620-2 J-9 BOTTOM	<50	124	299
Quality Control	728	778	1051
True Value QC	800	800	1000
% Recovery	91.0	97.3	105
Relative Percent Difference	2.3	2.5	6.8

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB

*Analyses performed on 1:4 w:v aqueous extracts.



Burton A. Roche
Chemist

2/19/01
Date

H5620A.XLS

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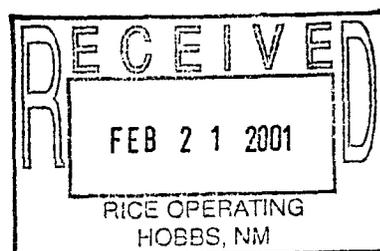
ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: JAMES STURGILL
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO:

Receiving Date: 02/15/01
 Reporting Date: 02/19/01
 Project Number: J-9 BOTTOM & SIDES
 Project Name: J-9 BOX-SIDES AND BOTTOM
 Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		02/15/01	02/15/01	02/15/01	02/15/01
H5620-1	J-9 SIDES	<0.005	<0.005	<0.005	<0.015
H5620-2	J-9 BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Control		0.111	0.102	0.107	0.317
True Value QC		0.100	0.100	0.100	0.300
% Recovery		111	102	107	106
Relative Percent Difference		1.6	8.8	7.3	7.1

METHOD: EPA SW-846 8260



Bryan A. Coche
 Chemist

2/19/01
 Date

H5620B.XLS
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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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ___ of ___

BILL TO

ANALYSIS REQUEST

Company Name: Rice Operating Corp

Project Manager: James Sturgill

Address: 1222 Taylor

City: Hobbs State: NM Zip: 88240

Phone #: (505) 393-9174 Fax #:

Project #: J-9 BTEX + Sides and Bottom

Project Name: J-9 BTEX Sides and Bottom

Project Location: DT-5009-TAD-R37

Sampler Name: James Sturgill

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER :			
15620-1	J-9 Sides		1			<input checked="" type="checkbox"/>				02/15/2001	12:15 PM	BTEX TPH 8015 M PL
	J-9 Bottom		1									

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Analysis: All claims involving these for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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.

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

Sampler Relinquished: James Sturgill Date: 2-15-01 Time: 10:30 AM Received By: [Signature]

Relinquished By: [Signature] Date: 02/15/2001 Time: 2:15 PM Received By: [Signature]

Delivered By: (Circle One) UPS - UPS - Bus - Other: [Signature] Sample Condition: Cool Intact Checked By: [Signature]

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

REMARKS:

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

