

1R - 426-79

REPORTS

DATE:

4/04/2001

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

1R-426-79

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
B-D	N-36-3	N	36	21S	36E	Lea			

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ City of Eunice _____ OTHER _____

Depth to Groundwater 100' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 04/04/2001 Date Completed 04/04/2001 OCD Witness No

Soil Excavated 31 cubic yards Excavation Length 15' Width 8' Depth 7' feet

Soil Disposed 24 cubic yards Offsite Facility Sundance Disposal Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date April 5, 2001 Sample Depth 7' bgs

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 PPM
SIDEWALLS	<0.005	0.012	0.014	0.063	<50	1640	624
BOTTOM	<0.005	<0.005	<0.005	<0.005	<50	<50	464

General Description of Remedial Action: Delineated the jct box below the NMOCD
guidelines. Installed a compact clay barrier to vertical transmissivity. Natural attenuation will
remediate the remaining hydrocarbons. A junction box is no longer required at this site.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
North Wall	3'-5'	175 ppm
East Wall	3'-5'	250 ppm
South Wall	3'-5'	1700 ppm
West Wall	3'-5'	525 ppm
Bottom Comp	7'	200 ppm
Wall Comp	3'-5'	650 ppm

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

DATE April 4, 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: CHRIS RODRIGUEZ
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO:

Receiving Date: 04/11/01
 Reporting Date: 04/12/01
 Project Number: JCT. BOX UPGRADE
 Project Name: JCT. N-36-3
 Project Location: B-D

Sampling Date: 04/11/01
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		04/11/01	04/11/01	04/12/01
H5781-1	WALL COMPOSITE	<50	.1640	624
Quality Control		744	753	1020
True Value QC		800	800	1000
% Recovery		92.9	94.1	102
Relative Percent Difference		1.4	4.9	3.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB
 *Analysis performed on a 1:4 w:v aqueous extract.

Burgess A. Cooke
 Chemist

4/12/01
 Date

H5781A.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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ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 04/11/01
Reporting Date: 04/12/01
Project Number: JCT. BOX UPGRADE
Project Name: JCT. N-38-3
Project Location: B-D

Sampling Date: 04/11/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/11/01	04/11/01	04/11/01	04/11/01
H5781-1	WALL COMPOSITE	<0.005	0.012	0.014	0.063
Quality Control		0.096	0.098	0.092	0.273
True Value QC		0.100	0.100	0.100	0.300
% Recovery		95.8	97.6	92.4	91.1
Relative Percent Difference		3.4	2.1	0.3	4.9

METHOD: EPA SW-846 8260

Burgess G. Coche
Chemist

4/12/01
Date

H5781B XLS
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LABORATORIES**

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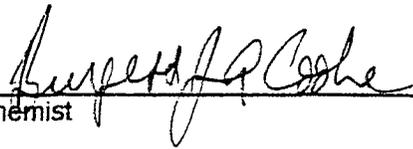
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 04/16/01
Reporting Date: 04/17/01
Project Number: N-36-3
Project Name: BOX UPGRADE
Project Location: B.D.

Sampling Date: 04/12/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
	ANALYSIS DATE	04/16/01	04/16/01	04/17/01
H5791-1	BOTTOM COMPOSITE (4:30 PM)	<50	<50	464
	Quality Control	776	726	960
	True Value QC	800	800	1000
	% Recovery	97.0	90.7	96.0
	Relative Percent Difference	1.3	2.7	6.3

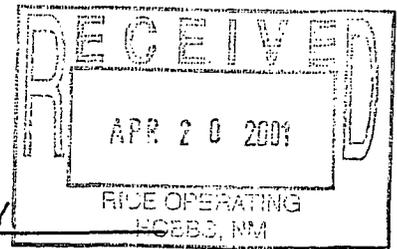
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI B
*Analysis performed on a 1:4 w:v aqueous extract.



Chemist

4/12/01

Date



H5791A.XLS

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

Receiving Date: 04/16/01
 Reporting Date: 04/17/01
 Project Number: N-36-3
 Project Name: BOX UPGRADE
 Project Location: B.D.

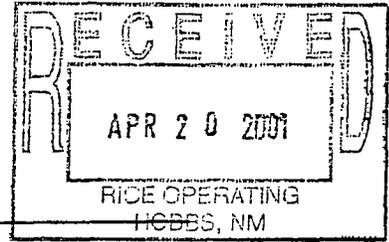
Sampling Date: 04/12/01
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC

LAB NO. SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	04/16/01	04/16/01	04/16/01	04/16/01
H5791-1 BOTTOM COMPOSITE (4:30 PM)	<0.005	<0.005	<0.005	<0.015
Quality Control	0.107	0.100	0.101	0.301
True Value QC	0.100	0.100	0.100	0.300
% Recovery	107	99.9	101	100
Relative Percent Difference	11.0	8.9	10.8	8.5

METHOD: EPA SW-846 8260

Bryan J. Coche
 Chemist

4/17/01
 Date



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Sundance Services, Inc.

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

110 38842

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME:

JCT W-36-3

TRANSPORTER COMPANY:

TIME:

AM/PM

DATE:

VEHICLE NO.:

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Other Material:

- Drilling Fluids
- Contaminated soil
- BS&W Content: _____

- Completion Fluids
- C-117 No.: _____

3D

Description: _____

VOLUME OF MATERIAL BBLs. _____ : YARD _____ : _____

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

Sundance Services, Inc.

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

38801

LEASE OPERATOR/SHIPPER/COMPANY:

BD SWD

LEASE NAME:

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 _____ : _____

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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
BD	N-36-3	N	36	21S	36E	LEA	19'	13'	7'

LAND TYPE: Caliche STATE FEE LANDOWNER City Of Eunice OTHER

Depth to Groundwater 100' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 04-Apr-01 Date Completed 04-Apr-01 OCD Witness none

Soil Excavated 0 cubic yards Excavation length 19' Width 13' Depth 7' feet

Soil Disposed 24 cubic yards Offsite Facility Sundance Disposal Location Eunice N.M.

FINAL ANALYTICAL RESULTS: **Sample Date** 05-Apr-01 **Sample Depth** 7' BGS

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	0.012	0.014	0.063	<50	1640	624 ppm
BOTTOM	<0.005	<0.005	<0.005	<0.015	<50	<50	464 ppm

General Description of Remedial Action: No remedial action was taken, all samples did not exceed New Mexico State Guidelines. Installed clay barrier and a water tight junction box and then backfilled.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
North Wall	3'-5' BGS	175 ppm
South Wall	3'-5' BGS	250 ppm
East Wall	3'-5' BGS	1700 ppm
West Wall	3'-5' BGS	525 ppm
Bottom Composite	7' BGS	200 ppm
Wall Composite	3'-5' BGS	650 ppm

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

DATE 04-Apr-01 PRINTED NAME Chris Rodriguez
SIGNATURE Chris Rodriguez TITLE Environmental Technician



**ARDINAL
LABORATORIES**

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

**ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:**

Receiving Date: 04/11/01
Reporting Date: 04/12/01
Project Number: JCT. BOX UPGRADE
Project Name: JCT. N-36-3
Project Location: B-D

Sampling Date: 04/11/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
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)
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	Quality Control	744	753	1020
	True Value QC	800	800	1000
	% Recovery	92.9	94.1	102
	Relative Percent Difference	1.4	4.9	3.9

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

*Analysis performed on a 1:4 w:v aqueous extract.

Burgess J. Cooke
Chemist

4/12/01
Date

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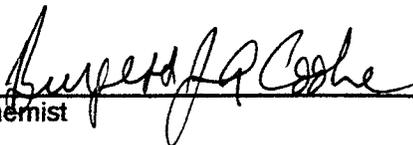
ANALYTICAL RESULTS FOR
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 ATTN: CHRIS RODRIGUEZ
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO:

Receiving Date: 04/16/01
 Reporting Date: 04/17/01
 Project Number: N-36-3
 Project Name: BOX UPGRADE
 Project Location: B.D.

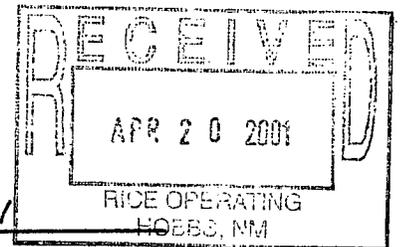
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 Sample Received By: BC
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METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B
 *Analysis performed on a 1:4 w:v aqueous extract.


 Chemist

4/17/01
 Date



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

Receiving Date: 04/16/01
 Reporting Date: 04/17/01
 Project Number: N-36-3
 Project Name: BOX UPGRADE
 Project Location: B.D.

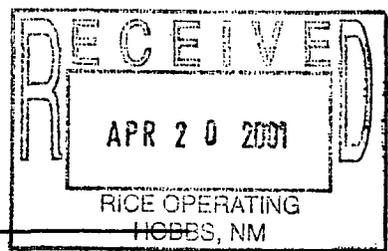
Sampling Date: 04/12/01
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC

LAB NO. SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	04/16/01	04/16/01	04/16/01	04/16/01
H5791-1 BOTTOM COMPOSITE (4:30 PM)	<0.005	<0.005	<0.005	<0.015
Quality Control	0.107	0.100	0.101	0.301
True Value QC	0.100	0.100	0.100	0.300
% Recovery	107	99.9	101	100
Relative Percent Difference	11.0	8.9	10.8	8.5

METHOD: EPA SW-846 8260

Bryant J. Coche
 Chemist

4/17/01
 Date



H5791B.XLS

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CARDINAL 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

Company Name: <u>Rice Operating</u>		P.O. #		BILL TO		ANALYSIS REQUEST							
Project Manager: <u>Chai's Rodriguez</u>		Company: <u>Rice</u>											
Address: <u>122 W. Taylor</u>		City: <u>Hobbs</u>		State: <u>N.M.</u> Zip: <u>88240</u>		Address: <u>122 W. Taylor</u>		City: <u>Hobbs</u>		State: <u>N.M.</u> Zip: <u>88240</u>			
Phone #: <u>593-9174</u>		Fax #: <u>N/A</u>		Project Owner: <u>See Upgrade</u>		Project Location: <u>R.D.</u>		Phone #: <u>593-9174</u>		Fax #: <u> </u>			
Sampler Name: <u> </u>		FOR USE ONLY		MATRIX		PRESERV		SAMPLING					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER			
				SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE:	
Date: <u>4/16/01</u>		Time: <u>4:00</u>		DATE		TIME							
Relinquished By: <u>Chai's Rodriguez</u>		Received By: <u>Burt [Signature]</u>											
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Sample Condition: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Intact <input type="checkbox"/> Broken		CHECKED BY: <u>Burt [Signature]</u> (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <u> </u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: <u> </u>	
REMARKS: <u> </u>													

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

Sundance Services, Inc.

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

112 38342

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME:

JCT W-36-3

TRANSPORTER COMPANY:

TIME:

AM/PM

DATE:

VEHICLE NO.:

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Other Material:

- Drilling Fluids
- Contaminated soil
- BS&W Content: _____

- Completion Fluids
- C-117 No.: _____

3D

Description: _____

VOLUME OF MATERIAL BBLs. _____ : YARD _____ : _____

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.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

Sundance Services, Inc.

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

311 38801
5 111

LEASE OPERATOR/SHIPPER/COMPANY:

BD SWD

LEASE NAME:

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 _____ : _____

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(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
BD	METEX PAN CAN	M	6	22S	37E	LEA	6'	6'	4'

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater >100' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 02/16/2001 Date Completed 02/16/2001 OCD Witness NO

Soil Excavated 60 cubic yards Excavation Length 16' Width 14 Depth 11 feet

Soil Disposed 44 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM

FINAL ANALYTICAL RESULTS: Sample Date 02/16/2001 Sample Depth 11'

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	<0.2	<0.2	0.258	0.769	<50	<50	2938
BOTTOM	<0.2	<0.2	<0.2	<0.6	<50	683	1508

General Description of Remedial Action: Delineated vertical and lateral extent to below

NMOCD guidelines. Installed compacted clay liner and water tight junction box and backfilled.

High impact soil was hauled to permitted disposal facility.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	3'	1700
BOTTOM	11'	900

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

DATE 02/16/2001 PRINTED NAME James Strugill

SIGNATURE *James Strugill* TITLE Environmental Technician



CARDINAL LABORATORIES

PHONE (816) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

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

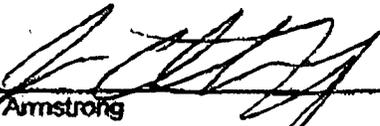
Receiving Date: 02/16/01
Project Owner: NOT GIVEN
Project Number: MEXTEX - PAN A
Project Name: MEXTEX PAN CAN A
Project Location: S-6 T22S R37E

Sampling Date: 02/16/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GAP
Analyzed By: JA

LAB ID	SAMPLE ID	GRO (C8-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
H5627-1	PAN CAN A SIDES	<500	<500	<0.200	<0.200	0.268	0.769
H5627-2	PAN CAN A BOTTOM	<500	683	<0.200	<0.200	<0.200	<0.600

Extraction Date:	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01
Analysis Date:	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01
Method Blank	<50.0	<50.0	<0.002	<0.002	<0.002	<0.002	<0.006
Quality Control	107	92	0.097	0.100	0.088	0.275	
True Value QC	100	100	0.100	0.100	0.100	0.300	
% Recovery	107%	92%	97%	100%	88%	92%	
Relative Percent Difference	6.5%	3.8%	4.1%	0.7%	1.8%	0.2%	

METHODS: TPH GRO & DRO - EPASW-846 8015M; BTEX-EPA SW-846 8021B, 5030B


Jim Armstrong

2-20-01
Date

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.



ARDINAL LABORATORIES

PHONE (815) 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

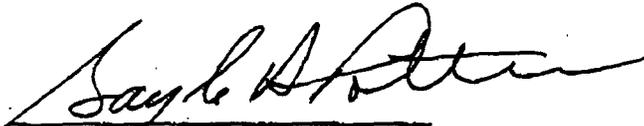
Receiving Date: 02/16/01
Reporting Date: 02/20/01
Project Number: MEXTEX PAN-A
Project Name: MEXTEX PAN CAN A
Project Location: S-6 T22 R37E

Analysis Date: 02/19/01
Sampling Date: 02/16/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER	SAMPLE ID	CF (mg/Kg)
H5627-1	PAN CAN A SIDES	2938
H5627-2	PAN CAN A BOTTOM	1508
Quality Control		1031
True Value QC		1000
% Recovery		103
Relative Percent Difference		1.9

METHOD: Standard Methods 4500-CIB

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


Chemist

02/20/2001
Date

H5627.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.

Sundance Services, Inc.

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

NC 37887

LEASE OPERATOR/SHIPPER/COMPANY: Kice

LEASE NAME: EO Motey Panama

APC-683
11-6-83

TRANSPORTER COMPANY: Best works

TIME: _____ AM/PM

DATE: 3-21-01 VEHICLE NO.: 402

DRIVER NO.:

CHARGE TO: Kice

TYPE OF MATERIAL

- | | | |
|---|---|--|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Completion Fluids |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated soil | <input type="checkbox"/> C-117 No.: _____ |
| <input type="checkbox"/> Other Material: | <input type="checkbox"/> BS&W Content: _____ | |

Description: oil/diel

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

[Signature]

Sundance Services, Inc.

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

NO 37895

LEASE OPERATOR/SHIPPER/COMPANY: WICE

LEASE NAME: NOT FOR SUPPLY APC-693

TRANSPORTER COMPANY: WICE TIME: _____ AM/PM

DATE: 2-21-95 VEHICLE NO.: 2 DRIVER NO.:

CHARGE TO: WICE

TYPE OF MATERIAL

- | | | |
|---|--|--|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Completion Fluids |
| <input type="checkbox"/> Tank Bottoms | <input type="checkbox"/> Contaminated soil | <input type="checkbox"/> C-117 No.: _____ |
| <input type="checkbox"/> Other Material: | <input type="checkbox"/> BS&W Content: _____ | |

Description: C/O

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

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DRIVER: Tom Turner
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

Sundance Services, Inc.

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

NE 37872

LEASE OPERATOR/SHIPPER/COMPANY: Kico APC-693

LEASE NAME: Motex Panama BD sub.

TRANSPORTER COMPANY: Dirt Works TIME: _____ AM/PM

DATE: 7-21-01 VEHICLE NO.: 402 DRIVER NO.:

CHARGE TO: Kico

TYPE OF MATERIAL

- | | | |
|---|---|--|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Completion Fluids |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated soil | <input type="checkbox"/> C-117 No.: _____ |
| <input type="checkbox"/> Other Material: | <input type="checkbox"/> BS&W Content: _____ | |

Description: only dirt

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

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DRIVER: Tony Turner
(SIGNATURE)

FACILITY REPRESENTATIVE: Holly Koch [Signature]
(SIGNATURE)

Sundance Services, Inc.

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

NE 37910

LEASE OPERATOR/SHIPPER/COMPANY: ITIEC

LEASE NAME: WASTE FROM PWDH APC-693

TRANSPORTER COMPANY: _____ TIME: _____ AM/PM

DATE: 7/2/01 VEHICLE NO.: _____ DRIVER NO.: _____

CHARGE TO: ITIEC

TYPE OF MATERIAL

- | | | |
|---|--|--|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Completion Fluids |
| <input type="checkbox"/> Tank Bottoms | <input type="checkbox"/> Contaminated soil | <input type="checkbox"/> C-117 No.: _____ |
| <input type="checkbox"/> Other Material: | <input type="checkbox"/> BS&W Content: _____ | |

Description: OW

APC-693

VOLUME OF MATERIAL BBLS. _____ : YARD 8 : _____

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DRIVER: Tony Turner
(SIGNATURE)

Steb

FACILITY REPRESENTATIVE: Thomas H. ...
(SIGNATURE)