

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		
B-D	N-36-3	N	36	21S	36E	Lea	Length	Width	Depth

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



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: 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; Cl⁻: Std. Methods 4500-Cl⁻B

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

Burke J. Cooke
Chemist

9/12/05
Date

**CARDINAL**
LABORATORIES

PHONE (916) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

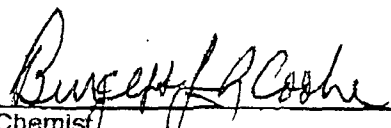
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:


Receiving Date: 04/11/01
Reporting Date: 04/12/01
Project Number: JCT. BOX UPGRADE
Project Name: JCT. N-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


Chemist


Date

H5781B.XLS

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

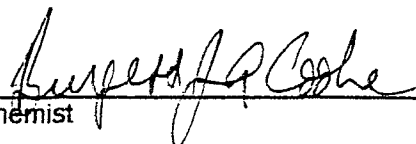
Receiving Date: 04/16/01
Reporting Date: 04/17/01
Project Number: N-36-3
Project Name: BOX UPGRADE
Project Location: B.D.

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

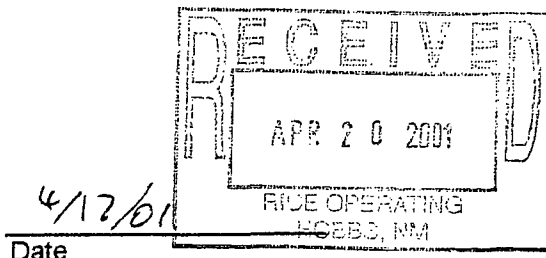
LAB NO.	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		04/16/01	04/16/01	04/17/01
H5791-1	BOTTOM COMPOSITE (4:30 PM)	<50	<50	464
Quality Control		776	726	960
True Value QC		800	800	1000
% Recovery		97.0	90.7	96.0
Relative Percent Difference		1.3	2.7	6.3

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



H5791A.XLS

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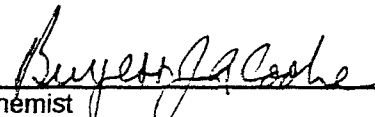
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RICE OPERATING CO.
ATTN: CHRIS RODRIGUEZ
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

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

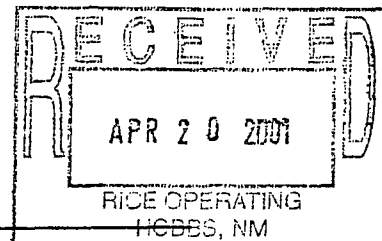
Sampling Date: 04/12/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

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


Chemist

4/17/01
Date



H5791B.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 1 of 1

Company Name: <u>Rice Operating</u>		P.O. #:		BILL TO											
Project Manager: <u>Chris Rodriguez</u>		Company: <u>Rice</u>													
Address: <u>122 W. Taylor</u>		City: <u>Hobbs</u>													
City: <u>Hobbs</u>		State: <u>N.M.</u> Zip: <u>88240</u>													
Phone #: <u>393-9174</u>		Fax #: <u>393-9174</u>													
Project #: <u>N-36-3</u>		Project Owner:													
Project Name: <u>Box Upgrade</u>		State: <u>N.M.</u> Zip: <u>88240</u>													
Project Location: <u>R.D.</u>		City: <u>Hobbs</u>													
Sample Name:		Phone #: <u>393-9174</u>													
FOR USE ONLY		Fax #:													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX	PRESERV	SAMPLING	ANALYSIS REQUEST									
		# CONTAINERS													
		GROUNDWATER													
		WASTEWATER													
		SOIL													
		CRUDE OIL													
		SLUDGE													
		OTHER:													
		ACID/BASE:													
		ICE / COOL													
OTHER:															
DATE	TIME														
4/24/01	10:50 AM														
4/24/01	4:30 PM														
REMARKS:															

PLEASE NOTE: This form is to be used for all samples submitted to Ardinal Laboratories, Inc. for analysis. It is the responsibility of the submitter to ensure that the information provided is accurate and complete. The submitter must also ensure that the sample is properly labeled and that the chain of custody is maintained. The submitter must also ensure that the sample is properly stored and that the sample is not tampered with. The submitter must also ensure that the sample is properly transported and that the sample is not damaged. The submitter must also ensure that the sample is properly received and that the sample is not lost. The submitter must also ensure that the sample is properly analyzed and that the results are accurate. The submitter must also ensure that the sample is properly reported and that the results are timely. The submitter must also ensure that the sample is properly stored and that the sample is not tampered with. The submitter must also ensure that the sample is properly transported and that the sample is not damaged. The submitter must also ensure that the sample is properly received and that the sample is not lost. The submitter must also ensure that the sample is properly analyzed and that the results are accurate. The submitter must also ensure that the sample is properly reported and that the results are timely.

Relinquished By: Chris Rodriguez Date: 4/24/01 Time: 4:00

Received By: Chris Rodriguez Date: 4/24/01 Time: 4:00

Delivered By: (Circle One) UPS Bus Other

Sample Condition: Good Intact Yes No Yes No

CHECKED BY: Chris Rodriguez (Initials)

† 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

110 33342

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.: _____

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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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		
BD	N-36-3	N	36	21S	36E	LEA	Length 19'	Width 13'	Depth 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



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

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

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

Receiving Date: 04/11/01
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 & Cochrane
Chemist

4/12/01
Date

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Sampling Date: 04/12/01
Sample Type: SOIL
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Sample Received By: BC
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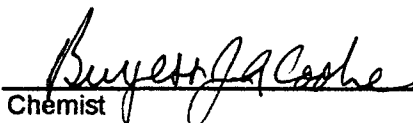
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ATTN: CHRIS RODRIGUEZ
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HOBBS, NM 88240
FAX TO:

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

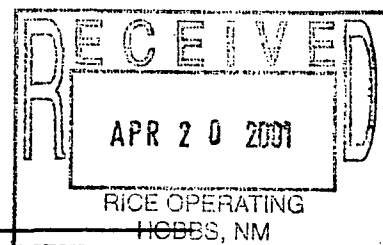
Sampling Date: 04/12/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

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

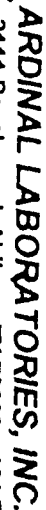

Chemist

4/17/01
Date



H5791B.XLS

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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 ____

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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.: _____

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)

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 SUD

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)

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(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		
BD	METEX PAN CAN	M	6	22S	37E	LEA	Length 6'	Width 6'	Depth 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 (C6-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
Analysis Date:	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	<0.006
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%	1.6%	0.2%

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


Jim Armstrong2-20-01
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.

**CARDINAL
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-8 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	Cl ⁻ (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-ClB

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


Chemist02/20/2001
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.



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 ____

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† 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**MC 37887**LEASE OPERATOR/SHIPPER/COMPANY: RiceLEASE NAME: EO Motoy PanamaTRANSPORTER COMPANY: Best worksTIME: 11:00 AM/PMDATE: 3-21-01 VEHICLE NO.: 402

DRIVER NO.:

CHARGE TO: Rice**TYPE OF MATERIAL**☐ Production Water☐ Drilling Fluids☐ Completion Fluids☐ Tank Bottoms☒ Contaminated soil☐ C-117 No.:☐ Other Material:☐ BS&W Content: _____Description: oil, drillVOLUME 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.

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DRIVER: [Signature]
(SIGNATURE)FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

Sundance Services, Inc.P.O. Box 1737 ★ Eunice, NM 88231
(505) 394-2511**NO 37895**LEASE OPERATOR/SHIPPER/COMPANY: MTCCLEASE NAME: NOT FOR SHIPPER USEAFE-693TRANSPORTER COMPANY: MTCC

TIME: _____ AM/PM

DATE: 2-21-1 VEHICLE NO.: 2

DRIVER NO.: _____

CHARGE TO: MTCC**TYPE OF MATERIAL**☐ Production Water
☐ Tank Bottoms
☐ Other Material:☐ Drilling Fluids
☐ Contaminated soil
☐ BS&W Content: _____☐ Completion Fluids
☐ C-117 No.: _____Description: C/OVOLUME OF MATERIAL ☐ BBLs. _____ : ☐ YARD 12 : ☐ _____

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DRIVER: Tom Turner
(SIGNATURE)FACILITY REPRESENTATIVE: John F. [Signature]
(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**NE 37872**LEASE OPERATOR/SHIPPER/COMPANY: RicoAPC-693LEASE NAME: Mexico PanamaBD sub.TRANSPORTER COMPANY: Dirt Works

TIME:

AM/PM

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

DRIVER NO.:

CHARGE TO:

Rico**TYPE OF MATERIAL**☐ Production Water☐ Drilling Fluids☐ Completion Fluids☐ Tank Bottoms☒ Contaminated soil☐ C-117 No.:☐ Other Material:☐ BS&W Content: _____

Description:

only dirtVOLUME OF MATERIAL ☐ BBLs. _____ :☐ YARD 12 :☐ _____

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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

Sundance Services, Inc.P.O. Box 1737 ★ Eunice, NM 88231
(505) 394-2511**NE 37910**LEASE OPERATOR/SHIPPER/COMPANY: *IT/CC*LEASE NAME: *APC-693*

TRANSPORTER COMPANY:

TIME:

AM/PM

DATE: *7/21/01* VEHICLE NO.:

DRIVER NO.:

CHARGE TO: *IT/CC***TYPE OF MATERIAL**☐ Production Water☐ Drilling Fluids☐ Completion Fluids☐ Tank Bottoms☐ Contaminated soil☐ C-117 No.:☐ Other Material:☐ BS&W Content: _____Description: *Oil**APC-693*VOLUME OF MATERIAL ☐ BBLS. _____ : ☐ YARD *8* : ☐ _____

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Revised 12/27/95