

1R - 426-2

# REPORTS

DATE:

4/19/2003

K-27

1R0426-2

# DISCLOSURE REPORT

**RICE OPERATING COMPANY  
JUNCTION BOX DISCLOSURE\* REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	K-27 North	K	27	21 S	37 E	Lea	No Box		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER James Gardner OTHER \_\_\_\_\_

Depth to Groundwater 45 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 4/19/2003 Date Completed 6/4/2003 OCD Witness No

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

Soil Disposed 340 cubic yards Offsite Facility Sundance Location Eunice, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 5/22/2003 Sample Depth 12 ft 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	<0.025	<0.025	0.181	0.748	139	1440	1770
BOTTOM	<0.025	<0.025	0.277	0.867	336	2600	1490
BACKFILL	<0.025	<0.025	<0.025	<0.025	66.5	2940	709

LOCATION	DEPTH (ft)	ppm
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**General Description of Remedial Action:** TPH and chloride impact remained relatively consistent throughout the delineation of this site. The vertical and lateral extent of both parameters was not found during the 30 x 30 x 12 ft bgs excavation. NMOCD TPH guidelines were not met at this site. During the excavation, a 24 in. corroded steel gas line was encountered to the north and east of the excavation (see attached diagrams). A subsurface drip collection vessel was found under the gas line to the north; this vessel has since been removed by the gas transportation company. TPH concentrations under the drip vessel were substantially higher than samples taken directly under the junction box. ROC contends that the gas line and vessel were significant contributors to the TPH impact found at the site. The excavated soil was backfilled into the excavation up to 4 ft bgs. At 4 ft, a 20 mil poly liner was installed in a convex manner (see diagram). The top 4 ft was backfilled with clean imported soil. The surface was re-seeded on 7/10/2003 with native vegetation and will be monitored for growth. **ADDITIONAL EVALUATION IS HIGH PRIORITY.**

cc: lab results, photos, diagrams, disposal tickets

**CHLORIDE FIELD TESTS**

Vertical	4	200
Vertical	12	800
4 wall comp.	n/a	1700
bottom comp.	12	1450
backfill	n/a	1300

**TPH FIELD TESTS**

Vertical	12	23980
15' North (under drip tank)	6	47800

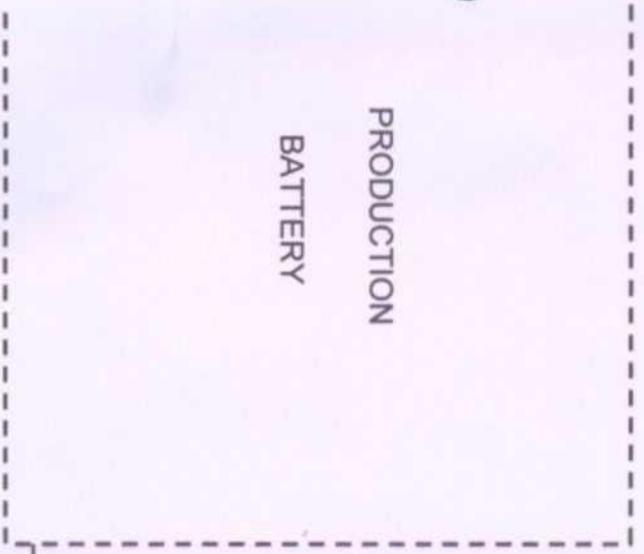
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 7/25/2003 PRINTED NAME Kristin Farris

SIGNATURE *Kristin Farris* TITLE Project Scientist

**\* This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.**

**BD jct. K-27 North**  
**BD jct. K-27 South**

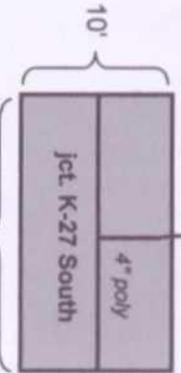
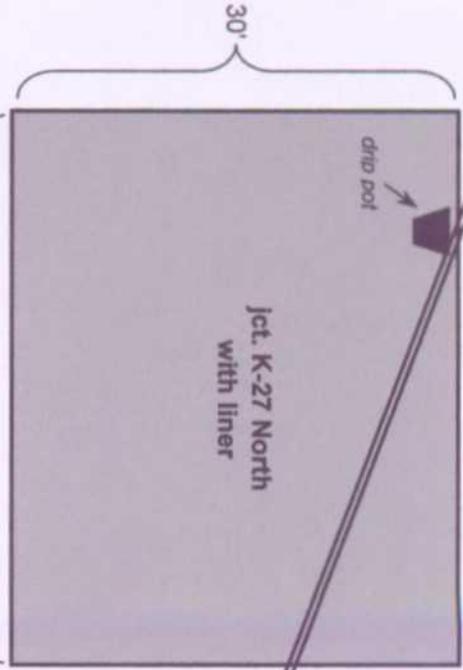


PRODUCTION

BATTERY

24" dead gas line

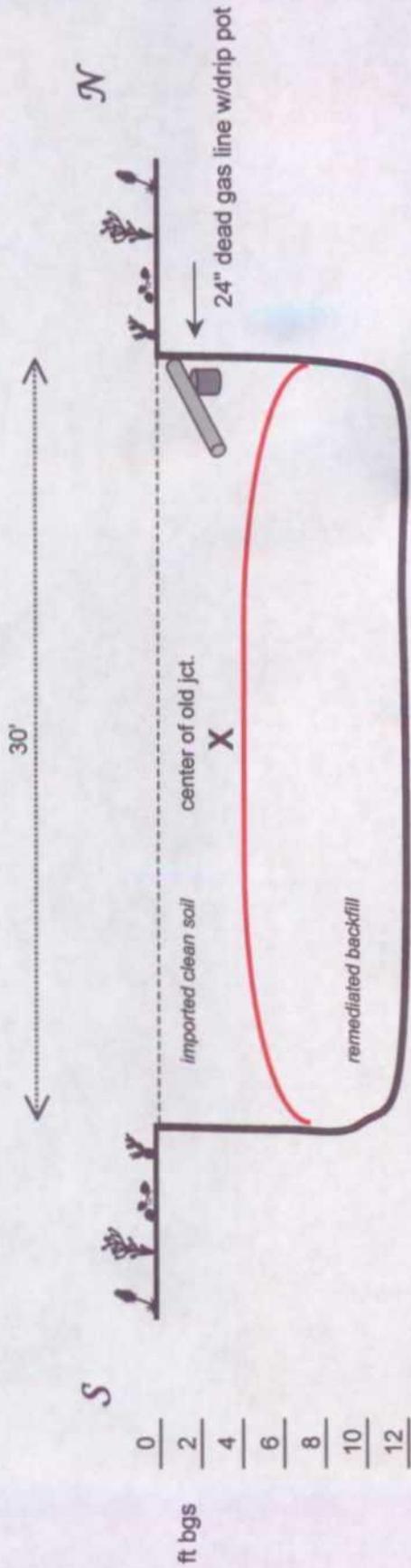
2" poly ROC line



	= 3 ft
	= Excavation
	= Fence
	= Vegetation

**BD jct. K-27 North  
Impact Excavation  
Cross-Section**

Excavation Boundary  
 20 mil Poly



# BD jct. K-27 North



Before Excavation (no longer a pipeline junction)



Dead Gas Line Through Location (see plan view map)



Excavating



Backfilled to 4 ft; Before Liner



20 mil poly Barrier



Backfilled With Clean Topsoil

# ANALYTICAL REPORT

## Prepared for:

**Kristin Farris  
Rice Operating  
122 W. Taylor  
Hobbs, NM 88240**

**Project:** K-27-North

**PO#:**

**Order#:** G0306575

**Report Date:** 05/29/2003

### Certificates

**US EPA Laboratory Code TX00158**

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

Rice Operating  
 122 W. Taylor  
 Hobbs, NM 88240  
 505-397-1471

Order#: G0306575  
 Project:  
 Project Name: K-27-North  
 Location: BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time Collected</u>	<u>Date / Time Received</u>	<u>Container</u>	<u>Preservative</u>
0306575-01	Wall Comp.	SOIL	5/22/03 11:00	5/23/03 20:10	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306575-02	5 pt. Bottom Comp. @ 12'	SOIL	5/22/03 11:00	5/23/03 20:10	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

Kristin Farris  
 Rice Operating  
 122 W. Taylor  
 Hobbs, NM 88240

Order#: G0306575  
 Project:  
 Project Name: K-27-North  
 Location: BD

Lab ID: 0306575-01  
 Sample ID: Wall Comp.

### 8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	139	10.0
DRO, >C12-C35	1,440	10.0
TOTAL, C6-C35	1,579	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	121%	70	130

### 8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0005665-02		5/28/03 19:40	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.181	0.025
p/m-Xylenc	0.466	0.025
o-Xylene	0.282	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	118%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

Kristin Farris  
 Rice Operating  
 122 W. Taylor  
 Hobbs, NM 88240

Order#: G0306575  
 Project:  
 Project Name: K-27-North  
 Location: BD

Lab ID: 0306575-02  
 Sample ID: 5 pt. Bottom Comp. @ 12'

### 8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		5/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	336	10.0
DRO, >C12-C35	2,600	10.0
TOTAL, C6-C35	2,936	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	136%	70	130

### 8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0005665-02		5/28/03 20:24	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.277	0.025
p/m-Xylene	0.672	0.025
o-Xylene	0.195	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	110%	80	120

Approval: *Coley D. Keene* 05/29/03  
 Raland K. Tuttle, Lab Director, QA Officer      Date  
 Coley D. Keene, Org. Tech. Director  
 Jeanne McMurrey, Inorg. Tech. Director  
 Sandra Biezugbe, Lab Tech.  
 Sara Molina, Lab Tech.

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

Kristin Farris  
Rice Operating  
122 W. Taylor  
Hobbs, NM 88240

Order#: G0306575  
Project:  
Project Name: K-27-North  
Location: BD

Lab ID: 0306575-01  
Sample ID: Wall Comp.

### Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1770	mg/kg	1	20	9253	5/28/03	SB

Lab ID: 0306575-02  
Sample ID: 5 pt. Bottom Comp. @ 12'

### Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1490	mg/kg	1	20	9253	5/28/03	SB

Approval:

*Coley D. Keene* 05/29/03  
Date

Raland K. Tuttle, Lab Director, QA Officer  
Coley D. Keene, Org. Tech. Director  
Jeanne McMurrey, Inorg. Tech. Director  
Sandra Biezugbe, Lab Tech.  
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

8015M

Order#: G0306575

<i><b>BLANK</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005644-02			<10.0		
<i><b>CONTROL</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005644-03		952	803	84.3%	
<i><b>CONTROL DUP</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005644-04		952	845	88.8%	5.1%
<i><b>SRM</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005644-05		1000	805	80.5%	

**ENVIRONMENTAL LAB OF TEXAS****QUALITY CONTROL REPORT****8021B/5030 BTEX**

Order#: G0306575

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005665-02			<0.025		
Toluene-mg/kg		0005665-02			<0.025		
Ethylbenzene-mg/kg		0005665-02			<0.025		
p/m-Xylene-mg/kg		0005665-02			<0.025		
o-Xylene-mg/kg		0005665-02			<0.025		
<b>MS</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306583-02	0	0.1	0.095	95.0%	
Toluene-mg/kg		0306583-02	0	0.1	0.093	93.0%	
Ethylbenzene-mg/kg		0306583-02	0	0.1	0.099	99.0%	
p/m-Xylene-mg/kg		0306583-02	0	0.2	0.207	103.5%	
o-Xylene-mg/kg		0306583-02	0	0.1	0.103	103.0%	
<b>MSD</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306583-02	0	0.1	0.095	95.0%	0.0%
Toluene-mg/kg		0306583-02	0	0.1	0.092	92.0%	1.1%
Ethylbenzene-mg/kg		0306583-02	0	0.1	0.095	95.0%	4.1%
p/m-Xylene-mg/kg		0306583-02	0	0.2	0.198	99.0%	4.4%
o-Xylene-mg/kg		0306583-02	0	0.1	0.097	97.0%	6.0%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005665-05		0.1	0.098	98.0%	
Toluene-mg/kg		0005665-05		0.1	0.094	94.0%	
Ethylbenzene-mg/kg		0005665-05		0.1	0.092	92.0%	
p/m-Xylene-mg/kg		0005665-05		0.2	0.191	95.5%	
o-Xylene-mg/kg		0005665-05		0.1	0.092	92.0%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

### Test Parameters

Order#: G0306575

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005654-01			<20		
<b>MS</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306567-01	0	521	496	95.2%	
<b>MSD</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306567-01	0	521	514	98.7%	3.6%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005654-04		5000	4960	99.2%	

# CASE NARRATIVE

## ENVIRONMENTAL LAB OF TEXAS

**Prepared for:**

Rice Operating  
122 W. Taylor  
Hobbs, NM 88240

**Order#:** G0306575

**Project:** K-27-North

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
Wall Comp.	0306575-01	SOIL	05/22/2003	05/23/2003
5 pt. Bottom Comp.	0306575-02	SOIL	05/22/2003	05/23/2003

**Surrogate recoveries on the 8015M TPH are outside control limits due to matrix interference of coeluting compounds. (0306575-02)**

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Aly D. Kune  
Environmental Lab of Texas I, Ltd.

Date:

05/29/03



# ANALYTICAL REPORT

## Prepared for:

**Kristin Farris  
Rice Operating  
122 W. Taylor  
Hobbs, NM 88240**

**Project:** K-27 North

**PO#:**

**Order#:** G0306622

**Report Date:** 06/05/2003

### Certificates

**US EPA Laboratory Code TX00158**

# ENVIRONMENTAL LAB OF TEXAS

## SAMPLE WORK LIST

Rice Operating  
 122 W. Taylor  
 Hobbs, NM 88240  
 505-397-1471

Order#: G0306622  
 Project:  
 Project Name: K-27 North  
 Location: BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306622-01	Backfill Comp	SOIL	6/2/03 13:00	6/2/03 17:00	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

Kristin Farris  
 Rice Operating  
 122 W. Taylor  
 Hobbs, NM 88240

Order#: G0306622  
 Project:  
 Project Name: K-27 North  
 Location: BD

Lab ID: 0306622-01  
 Sample ID: Backfill Comp

### 8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		6/2/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	66.5	10.0
DRO, >C12-C35	2,940	10.0
TOTAL, C6-C35	3,007	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	126%	70	130
1-Chlorooctadecane	164%	70	130

### 8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0005748-02		6/4/03 16:44	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	91%	80	120

Approval: Raland K Tuttle 6-06-03  
 Raland K. Tuttle, Lab Director, QA Officer Date  
 Celey D. Keene, Org. Tech. Director  
 Jeanne McMurrey, Inorg. Tech. Director  
 Sandra Biczugbe, Lab Tech.  
 Sara Molina, Lab Tech.

# ENVIRONMENTAL LAB OF TEXAS

## ANALYTICAL REPORT

Kristin Farris  
 Rice Operating  
 122 W. Taylor  
 Hobbs, NM 88240

Order#: G0306622  
 Project:  
 Project Name: K-27 North  
 Location: BD

Lab ID: 0306622-01  
 Sample ID: Backfill Comp

***Test Parameters***

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	709	mg/kg	1	20	9253	6/3/03	SB

Approval: Raland K Tuttle 6-06-03  
 Raland K. Tuttle, Lab Director, QA Officer      Date  
 Celey D. Keene, Org. Tech. Director  
 Jeanne McMurrey, Inorg. Tech. Director  
 Sandra Biezugbe, Lab Tech.  
 Sara Molina, Lab Tech.

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

**8015M**

Order#: G0306622

<i><b>BLANK</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005708-02			<10.0		
<i><b>MS</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306609-01	0	952	1180	123.9%	
<i><b>MSD</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306609-01	0	952	1170	122.9%	0.9%
<i><b>SRM</b></i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005708-05		1000	1068	106.8%	

**ENVIRONMENTAL LAB OF TEXAS**  
**QUALITY CONTROL REPORT**  
**8021B/5030 BTEX**

Order#: G0306622

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005748-02			<0.025		
Toluene-mg/kg		0005748-02			<0.025		
Ethylbenzene-mg/kg		0005748-02			<0.025		
p/m-Xylene-mg/kg		0005748-02			<0.025		
o-Xylene-mg/kg		0005748-02			<0.025		
<b>MS</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306621-02	0	0.1	0.092	92.%	
Toluene-mg/kg		0306621-02	0	0.1	0.088	88.%	
Ethylbenzene-mg/kg		0306621-02	0	0.1	0.087	87.%	
p/m-Xylene-mg/kg		0306621-02	0	0.2	0.179	89.5%	
o-Xylene-mg/kg		0306621-02	0	0.1	0.085	85.%	
<b>MSD</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306621-02	0	0.1	0.088	88.%	4.4%
Toluene-mg/kg		0306621-02	0	0.1	0.084	84.%	4.7%
Ethylbenzene-mg/kg		0306621-02	0	0.1	0.083	83.%	4.7%
p/m-Xylene-mg/kg		0306621-02	0	0.2	0.170	85.%	5.2%
o-Xylene-mg/kg		0306621-02	0	0.1	0.082	82.%	3.6%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005748-05		0.1	0.098	98.%	
Toluene-mg/kg		0005748-05		0.1	0.093	93.%	
Ethylbenzene-mg/kg		0005748-05		0.1	0.087	87.%	
p/m-Xylene-mg/kg		0005748-05		0.2	0.177	88.5%	
o-Xylene-mg/kg		0005748-05		0.1	0.085	85.%	

# ENVIRONMENTAL LAB OF TEXAS

## QUALITY CONTROL REPORT

### Test Parameters

Order#: G0306622

<b>BLANK</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005710-01			<20.0		
<b>MS</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306609-01	2800	500	3320	104.%	
<b>MSD</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306609-01	2800	500	3330	106.%	0.3%
<b>SRM</b>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005710-04		5000	4960	99.2%	

# CASE NARRATIVE

## ENVIRONMENTAL LAB OF TEXAS

**Prepared for:**

Rice Operating  
122 W. Taylor  
Hobbs, NM 88240

**Order#:** G0306622**Project:** K-27 North

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
Backfill Comp	0306622-01	SOIL	06/02/2003	06/02/2003

Surrogate recoveries on 8015M TPH are outside control limits due to matrix interference of coeluting compounds. (0306622-01)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Roland J. Judd  
Environmental Lab of Texas I, Ltd.

Date:

6-06-03



**Sundance Services, Inc.** \* NO 66959  
P.O. Box 1737 \* Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rico  
LEASE NAME: BD SWD set K-27  
TRANSPORTER COMPANY: Wallach cement TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: 424 DRIVER NO.:  
CHARGE TO: Rico

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BSAW Content: \_\_\_\_\_

Description: Contsol      Sec T-213 R37E

VOLUME OF MATERIAL [ ] BBLs. \_\_\_\_\_ : [ ] YARD 20 : [ ] \_\_\_\_\_

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 Acc#1 Pink-Sundance Acc#2 Gold-Transporter  
Revised 12/27/95

**Sundance Services, Inc.** \* NO 66937  
P.O. Box 1737 \* Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rico  
LEASE NAME: BDSWD set K-27  
TRANSPORTER COMPANY: Wallach cement TIME: AM/PM  
DATE: 6-3-03 VEHICLE NO.: # 23 DRIVER NO.:  
CHARGE TO: Rico

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BSAW Content: \_\_\_\_\_

Description: Contsol      Sec T-213 R37E

VOLUME OF MATERIAL [ ] BBLs. \_\_\_\_\_ : [ ] YARD 20 : [ ] \_\_\_\_\_

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DRIVER: [Signature]  
FACILITY REPRESENTATIVE: [Signature]

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

**Sundance Services, Inc.** \* NO 66936  
P.O. Box 1737 \* Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rico  
LEASE NAME: BDSWD set N-27  
TRANSPORTER COMPANY: Wallach cement TIME: AM/PM  
DATE: 6/3/03 VEHICLE NO.: # 20 DRIVER NO.:  
CHARGE TO: Rico

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BSAW Content: \_\_\_\_\_

Description: Contsol      Sec T-213 R37E

VOLUME OF MATERIAL [ ] BBLs. \_\_\_\_\_ : [ ] YARD 20 : [ ] \_\_\_\_\_

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 Acc#1 Pink-Sundance Acc#2 Gold-Transporter  
Revised 12/27/95

**Sundance Services, Inc.** \* NO 66933  
P.O. Box 1737 \* Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rico  
LEASE NAME: BDSWD set N-27  
TRANSPORTER COMPANY: Wallach cement TIME: AM/PM  
DATE: 6-3-03 VEHICLE NO.: # 20 DRIVER NO.:  
CHARGE TO: Rico

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BSAW Content: \_\_\_\_\_

Description: alphalt      Sec T-213 R37E

VOLUME OF MATERIAL [ ] BBLs. \_\_\_\_\_ : [ ] YARD 20 : [ ] \_\_\_\_\_

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DRIVER: [Signature]  
FACILITY REPRESENTATIVE: [Signature]

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

**Sundance Services, Inc.** NO 66934  
P.O. Box 1737 • Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B.D. SWD K-27 N  
TRANSPORTER COMPANY: Wallach Concrete TIME: AM/PM  
DATE: 6/3/03 VEHICLE NO.: 23 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** JCT K-27 500 T215 R37E

Production Water  Drilling Fluids  Completion Fluids  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BS&W Content: \_\_\_\_\_

Description: acid

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 20 : [ ]

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: Mark A. Egan (SIGNATURE)  
FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

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

**Sundance Services, Inc.** NO 66928  
P.O. Box 1737 • Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: K27-N  
TRANSPORTER COMPANY: WALLACH TIME: AM/PM  
DATE: 6/3/03 VEHICLE NO.: 20 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** 500 T215 R37E

Production Water  Drilling Fluids  Completion Fluids  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BS&W Content: \_\_\_\_\_

Description: 0/0

VOLUME OF MATERIAL [ ] BBLs. : [ ] YARD 20 : [ ]

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DRIVER: Steven D. Egan (SIGNATURE)  
FACILITY REPRESENTATIVE: Thomas Egan (SIGNATURE)

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

**Sundance Services, Inc.** NO 66949  
P.O. Box 1737 • Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B.D. SWD Jct K-27  
TRANSPORTER COMPANY: Wallach Concrete TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: #26 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** 500 T215 R37E

Production Water  Drilling Fluids  Completion Fluids  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BS&W Content: \_\_\_\_\_

Description: cont soil

VOLUME OF MATERIAL [ ] BBLs. : [ ] YARD 20 : [ ]

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: Kelly Road (SIGNATURE)

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

**Sundance Services, Inc.** NO 66957  
P.O. Box 1737 • Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B.D. SWD Jct K-27  
TRANSPORTER COMPANY: Wallach Concrete TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: #26 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** 500 T215 R37E

Production Water  Drilling Fluids  Completion Fluids  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BS&W Content: \_\_\_\_\_

Description: cont soil

VOLUME OF MATERIAL [ ] BBLs. : [ ] YARD 20 : [ ]

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: P.T. (SIGNATURE)  
FACILITY REPRESENTATIVE: Kelly Road (SIGNATURE)

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

**Sundance Services, Inc.** NO 66945  
P.O. Box 1737 \* Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B-D Swd  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: # 12 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** See 7215K37E system B-D Swd

Production Water  Drilling Fluids  Completion Fluids  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BSAW Content: \_\_\_\_\_  
Description: CONC. SOIL

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 20 : [ ]

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DRIVER: Raymond F. Russell  
FACILITY REPRESENTATIVE: Jack Kinos

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

**Sundance Services, Inc.** NO 66951  
P.O. Box 1737 \* Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: K-27-North  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6/4/03 VEHICLE NO.: 24 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Completion Fluids  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BSAW Content: \_\_\_\_\_  
Description: 0/10 JCT. K27-NORTH

VOLUME OF MATERIAL [ ] BBLs. : [ ] YARD 20 : [ ]

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: Hyland Dean  
FACILITY REPRESENTATIVE: Thomas R. Rice

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

**Sundance Services, Inc.** NO 66954  
P.O. Box 1737 \* Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B-D Swd  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: 26 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** 7215K37E system B-D Swd

Production Water  Drilling Fluids  Completion Fluids See 7215K37E  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BSAW Content: \_\_\_\_\_  
Description: CONC. SOIL

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 20 : [ ]

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: R.T.  
FACILITY REPRESENTATIVE: Jack Kinos

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

**Sundance Services, Inc.** NO 66955  
P.O. Box 1737 \* Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B-D Swd  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: 24 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** 7215K37E system B-D Swd

Production Water  Drilling Fluids  Completion Fluids See 7215K37E system B-D Swd  
 Tank Bottoms  Contaminated soil  C-117 No.:  
 Other Material:  BSAW Content: \_\_\_\_\_  
Description: CONC. SOIL

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 20 : [ ]

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: Hyland Dean  
FACILITY REPRESENTATIVE: Jack Kinos

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

**Sundance Services, Inc.** NO 66967  
P.O. Box 1737 • Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: JCT K 27 North  
TRANSPORTER COMPANY: Wallack Co. TIME: AM/PM  
DATE: 11/10/03 VEHICLE NO.: 26 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** JCT K 27 North  
BD SWD

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BS&W Content: \_\_\_\_\_

Description: oil/sol

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 18 : [ ]

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]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

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

**Sundance Services, Inc.** NO 66961  
P.O. Box 1737 • Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: BD SWD  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: 26 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** TJIS R37E  
System B-D SWD  
JCT K 27 North

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BS&W Content: \_\_\_\_\_

Description: cont.sol.

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 20 : [ ]

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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

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

**Sundance Services, Inc.** NO 66964  
P.O. Box 1737 • Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B-27 North  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6/2/03 VEHICLE NO.: 24 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: 0/10 K-27 North

VOLUME OF MATERIAL [ ] BBLs. : [ ] YARD 20 : [ ]

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)

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

**Sundance Services, Inc.** NO 66966  
P.O. Box 1737 • Eunice, NM 88231  
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice  
LEASE NAME: B-D SWD  
TRANSPORTER COMPANY: Wallack TIME: AM/PM  
DATE: 6-4-03 VEHICLE NO.: 26 DRIVER NO.:  
CHARGE TO: Rice

**TYPE OF MATERIAL** TJIS R37E  
System B-D SWD  
JCT K 27 North

Production Water       Drilling Fluids       Completion Fluids  
 Tank Bottoms       Contaminated soil       C-117 No.:  
 Other Material:       BS&W Content: \_\_\_\_\_

Description: cont.sol.

VOLUME OF MATERIAL [ ] BBLs. : [ ] YARD 20 : [ ]

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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

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

# TRANSPORTERS MANIFEST

MANIFEST # \_\_\_\_\_

SHIPPING FACILITY NAME & ADDRESS:

RICER OPERATING COMPANY  
122 WEST TAYLOR  
HOBBS, NM 88240

LOCATION OF MATERIAL:

SEC. T 21 S R 37 E  
SYSTEM BD SWD  
JCT. K-27-N

ALL This Info must be on Sundance Ticket

Co. Man Kristin Farris

TRANSPORTER NAME & ADDRESS:

~~R.E. Environmental Services~~  
~~PO Box 13418~~ Wallach Concrete Inc  
~~Address TX 79768~~ Hobbs NM 88240

DESCRIPTION OF WASTE:

QUANTITY YARDS 20

OILFIELD CONTAMINATED SOIL  
EXEMPT

FACILITY CONTACT:

DATE: 6-3-03

KRISTIN FARRIS

SIGNATURE OF CONTACT:

Kristin Farris

PHONE: 631-5075

NAME OF TRANSPORTER: (DRIVER)

DATE: 6-3-03

SIGNATURE OF DRIVER:

Steven M. Brown

DISPOSAL SITE:

DATE:

6/3/03

SIGNATURE OF REPRESENTATIVE:

Thomas Howard

# TRANSPORTERS MANIFEST

MANIFEST # \_\_\_\_\_

SHIPPING FACILITY NAME & ADDRESS:

RICER OPERATING COMPANY  
122 WEST TAYLOR  
HOBBS, NM 88240

LOCATION OF MATERIAL:

SEC. T 21 S R 37 E  
SYSTEM BD SWD  
JCT. K-27-N

ALL This Info must be on Sundance Ticket

Co. Man Kristin Farris

TRANSPORTER NAME & ADDRESS:

~~R.E. Environmental Services~~

~~PO Box 13418~~

Wallach Concrete Inc

~~Address TX 79718~~

Hobbs NM

DESCRIPTION OF WASTE:

QUANTITY YARDS 20

OILFIELD CONTAMINATED SOIL  
EXEMPT

FACILITY CONTACT:

DATE: 6-3-03

KRISTIN FARRIS

SIGNATURE OF CONTACT:

Kristin Farris

PHONE: 631-5075

NAME OF TRANSPORTER: (DRIVER)

DATE: 6-3-03

SIGNATURE OF DRIVER:

Steven M. Brown

DISPOSAL SITE:

DATE:

6/3/03

SIGNATURE OF REPRESENTATIVE:

Fabian Fabian

# TRANSPORTERS MANIFEST

MANIFEST # \_\_\_\_\_

SHIPPING FACILITY NAME & ADDRESS:

RICER OPERATING COMPANY  
122 WEST TAYLOR  
HOBBS, NM 88240

LOCATION OF MATERIAL:

SEC. T 21 S R 37 E  
SYSTEM BD SWD  
JCT. K-27-N

ALL This Info must be on Sundance Ticket

Co. Man Kristin Farris

TRANSPORTER NAME & ADDRESS:

~~R.E. Environmental Services.~~  
~~PO Box 13418~~ Wallach Concrete  
~~Odessa TX 79768~~ Hobbs NM 88240

DESCRIPTION OF WASTE:

QUANTITY YARDS 20

OILFIELD CONTAMINATED SOIL  
EXEMPT

FACILITY CONTACT:

DATE: 6-3-03

KRISTIN FARRIS

SIGNATURE OF CONTACT:

Kristin Farris

PHONE: 631-5075

NAME OF TRANSPORTER: (DRIVER)

DATE: 6-3-03

SIGNATURE OF DRIVER:

Steven A. Brown

DISPOSAL SITE:

DATE:

6-3-03

SIGNATURE OF REPRESENTATIVE:

Kelly Road