RICE *Operating Company*

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

April 12, 2005

Paul Sheely
NMOCD Hobbs Office
1625 N. French Dr.
Hobbs, NM 88240

Re: Justis SWD System Jct Box M-14
UL/M, Sec. 14, T24S, R37E
Lea County, New Mexico

Dear Mr. Paul Sheely:

Rice Operating Company (ROC) wishes to notify NMOCD of the actions implemented on the above-mentioned release site. On April 6, 2005 the site located in the Justis SWD System experienced and accidental discharge of produced water. A 3" pvc spool failed, when the 3" poly line entering the box expanded thus cracking the pvc spool. The 3" pvc spool was removed and replaced with a new 3" poly spool.

The release occurred on land owned by Becky Doom. The volume of the release was approx. 20 bbls and 0 bbls were recovered. The affected area 3432 sqft of pasture, and 384 sqft of lease road, with the total of approx. 3816 sqft. The depth to groundwater is approx 79 ft.

ROC is the service provider (operator) of the Justis SWD System and has no ownership of any portion of the pipeline, well or facility. The Justis System is owned by a consortium of oil producers called System Partners, who provide all operating capital on percentage / usage basis.

ROC requests approval of this C-141 form as an initial report. If you have any questions please do not hesitate to call me at the number above.

Sincerely,

Roy R. Rascon
Environmental Project Leader

Enclosed:
- C-141 Initial report
- ROC Spill Report Drawing
- Generic spill and Remediation Work Plan
- Driving Directions
- Groundwater Depth Graph

Rice - 19174

application - pAC0610832517

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

June 28, 2005

Jennifer Johnson
RICE OPERATING COMPANY
122 West Taylor
Hobbs, NM 88240

Re: Work Plan approval: Junction M-14 Release Site
Site Location: UL-M, Sec 14-T24S-R37E
Dated: March 23, 2005

Dear Ms. Johnson,

The New Mexico Oil Conservation Division (OCD) reviewed the corrective action work plan referenced above and submitted by RICE Operating Company. The plan is **hereby approved** with the following conditions:

1. RICE shall delineate Chloride horizontally and vertically to 250 mg/L, (above background), plus at least four feet.
2. RICE shall delineate the TPH and BTEX to the specifications in "Guidelines for Remediation of Leaks, Spills & Releases", August 13, 1993.
3. The "generic" spill plan is not OCD approved.

Please be advised that OCD approval does not relieve RICE of liability should operations result in pollution of surface water, ground water, or the environment. In addition, OCD approval does not relieve RICE of responsibility for compliance with any federal, state or local laws and/or regulations.

If you have any questions or need assistance please write or call me at (505) 393-6161, x113 or mailto:psheeeley@state.nm.us

Sincerely,

Paul Sheeley-Environmental Engineer

Cc: Roger Anderson - Environmental Bureau Chief
Chris Williams - District I Supervisor
Larry Johnson - Environmental Engineer

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Rice Operating Company	Contact: Roy R. Rascon
Address: 122 West Taylor	Telephone No.: 505-393-9174
Facility Name: **Justis Jct M-14**	Facility Type: **Jct Box**

Surface Owner: **Becky Doom**	Mineral Owner:	Lease No.:

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	**14**	**24**	**37**					**Lea**

Latitude: 103* 03.53 W Longitude: 32*12.61 N

NATURE OF RELEASE

Type of Release: **Produced Water**	Volume of Release: **20 bbls**	Volume Recovered: **0 bbls**
Source of Release: **Expansion of 3" poly pipe cracking 3"pvc**	Date and Hour of Occurrence: N/A	Date and Hour of Discovery: **4-6-05 1725**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour: N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse: N/A	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* **The 3" poly line entering the jct box expanded inside the box, causing a 3" pvc spool to crack and causing the release. The 3" pvc spool was replaced with a 3"poly spool.**

Describe Area Affected and Cleanup Action Taken. *
The leak affected a total of 3816 sqft, of which 3432 sqft is pasture, and 384 sqft is lease road. ROC will conduct delineation and remediation according to ROC generic spill and leak remediation work plan.

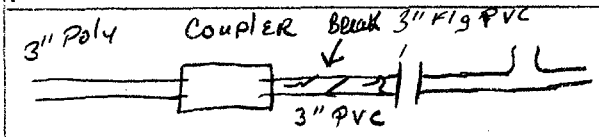
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

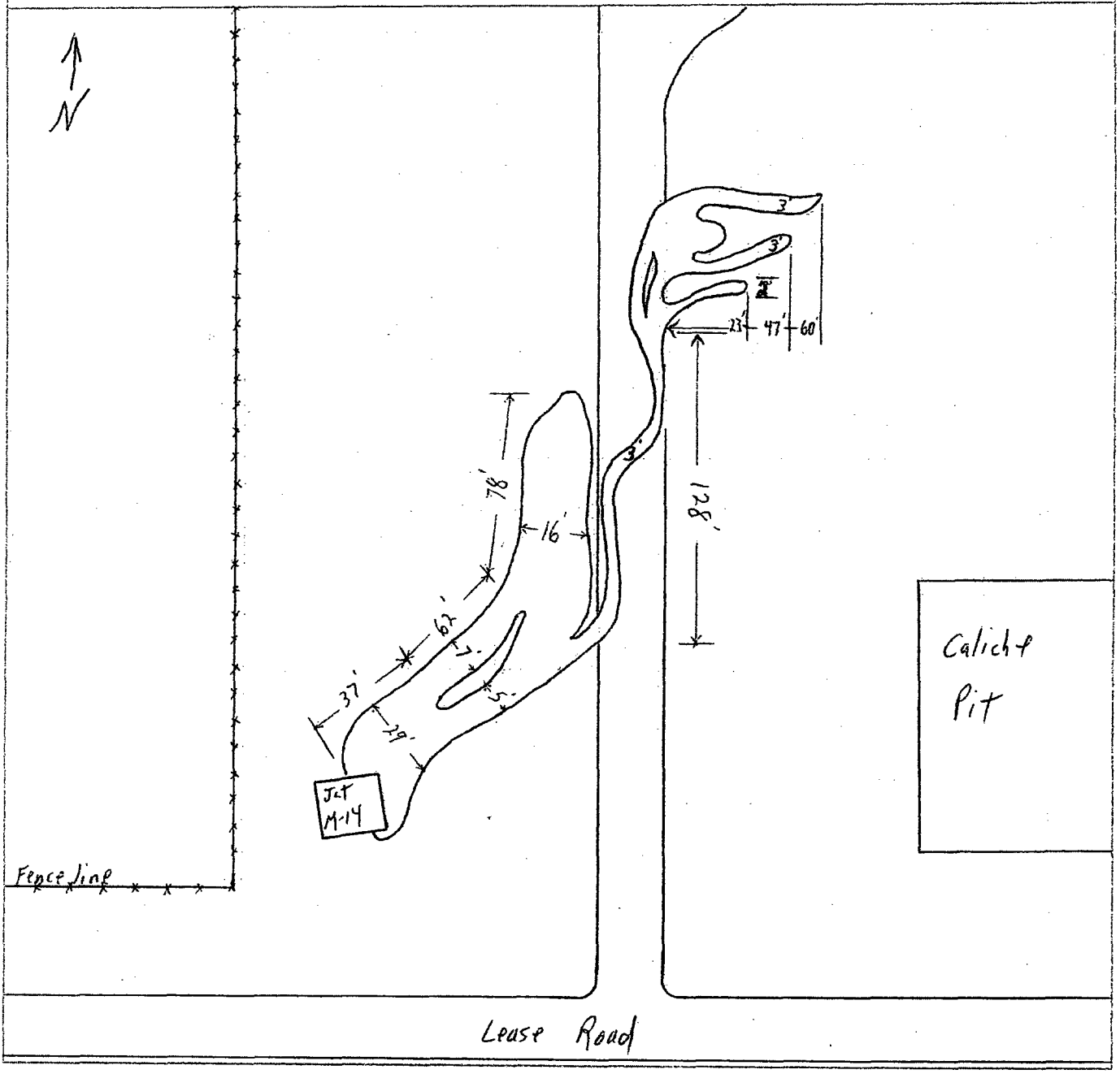
Signature: Roy R. Rascon	OIL CONSERVATION DIVISION	
Printed Name: **Roy R. Rascon**	Approved by District Supervisor:	
Title: **Environmental Project Leader**	Approval Date:	Expiration Date:
E-mail Address: **rroyriceswd@leaco.com**	Conditions of Approval:	Attached ☐
Date: **4-12-05** Phone: **505-393-9174**		

* Attach Additional Sheets If Necessary

CAUSE OF LEAK

Discribe cause of problem & how it was repaired. 3" poly expanded and caused 3" pvc to break. Repaired by removing PVC and fusing another piece of 3" poly.





NEW MEXICO Generic Spill and Leak Remediation Work Plan
SWD Systems Operated by Rice Operating Company

Rice Operating Company (ROC) realizes that a remediation work plan is required for significant spill and leak discharges to demonstrate that contaminants have not and will not migrate vertically so as to cause groundwater to exceed standards. In the future, C-141 reports describing significant discharges will be accompanied with this generic remediation work plan. It is understood that each spill and leak site must be handled as a unique event, therefore this generic plan is subject to alteration when appropriate for specific event sites.

NOTIFICATION AND DELINEATION

1. C-141 completed and filed pursuant to NMOCD guidelines and Rule 116.
2. Site assessment for groundwater depth, area water sources, etc. as is defined with NMOCD's site assessment guidelines.
3. Notification to NMOCD 24 hours in advance of major site delineation activities.
4. Perimeter and center delineation of the visibly impacted area to define horizontal and vertical extent of TPH and Chloride impact.
5. Confirmation of field results by a certified laboratory.
6. Delineation results reported to NMOCD within 60 days of spill or leak discovery accompanied by an estimated timeline for remediation activities.

REMEDIATION / CLEAN-UP MAY INCLUDE:

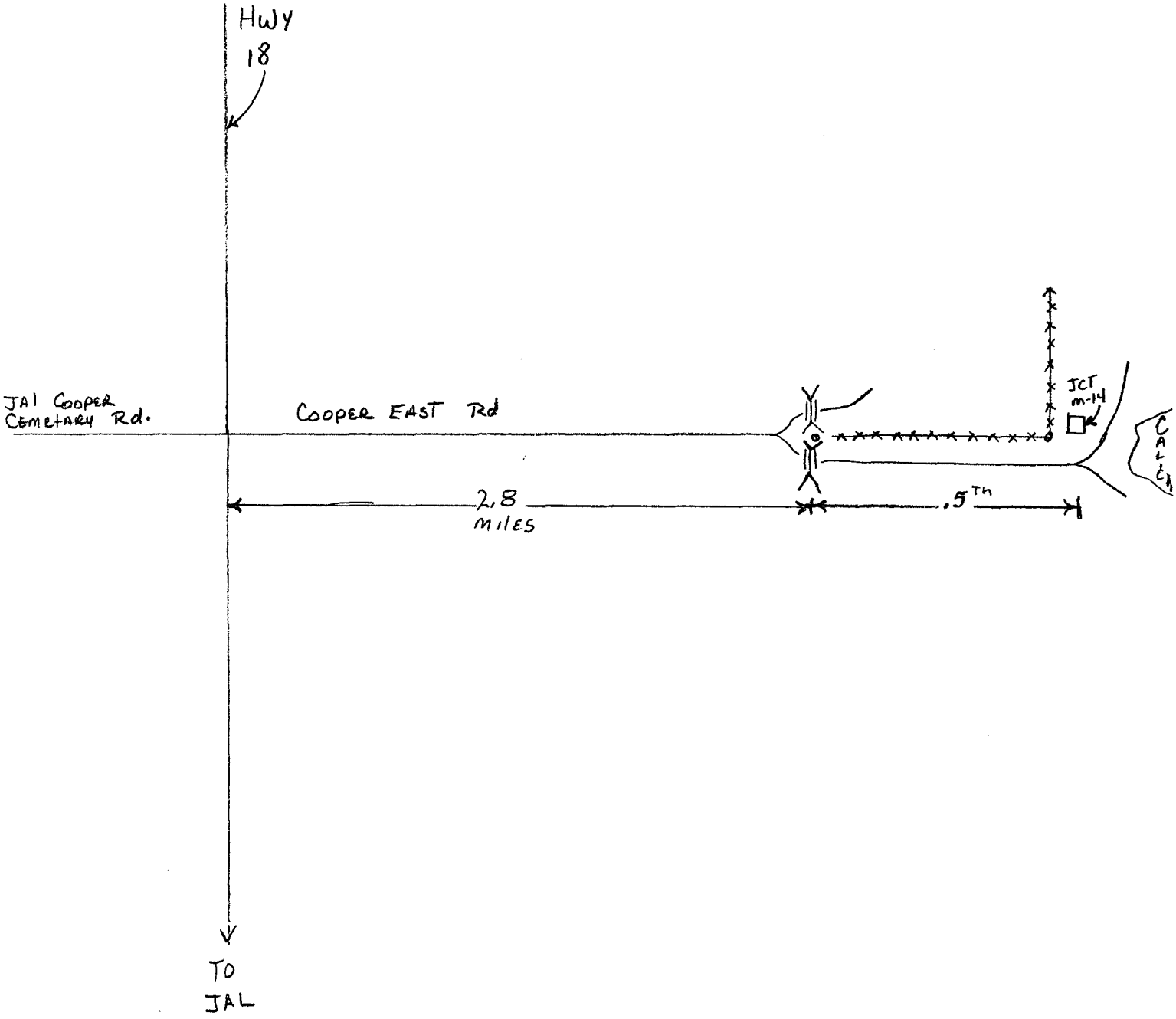
1. Excavation and proper disposal/blending of highly impacted soils as is practical.
2. Compacted clay layer application as is practical for impeding the downward migration of any remaining contaminants. Backfill with clean or appropriately blended (meets NMOCD guidelines for depth to groundwater) soils.
3. Where appropriate, incorporate enhanced surface remediation activities consisting of salt flushing/leaching below root zone; application of microbes or nutrients to decompose hydrocarbons; basic application of gypsum, fertilizer, etc. to enhance re-growth of natural vegetation or re-seeding as needed. Topsoils of major chloride impact and shallow groundwater may require replacement with clean topsoil before re-seeding.
4. Final report of remediation activities to be filed with NMOCD.

ROC is the service provider (operator) for Seven Salt Water Disposal Systems in Lea County, New Mexico: Eunice-Monument-Eumont (EME) SWD System, Blinebry Drinkard (BD) SWD System, Justis SWD System, Abo SWD System, Vacuum SWD System, Hobbs SWD System, and Hobbs East SWD System. ROC has no ownership of any portion of pipelines, wells, equipment or facilities. Each System is owned by a unique consortium of oil producers called System Partners, who provide all operating capital on a percentage ownership/usage basis.

Major projects require System Partner AFE approval and work begins as funds are received. Any environmental projects that require extensive remediation involvement must have System Partner approval and funding prior to commencement of work.

DRIVING DIRECTIONS:
Justis Jct M-14
UL/M Sec 14 – T24S – R37E

From the intersection HWY 18 and Cooper East Road north of Jal, turn east and go approx. 2.8 miles to double cattle guards, take south (right) cattle guard and go approx. 0.5th of a mile on lease road, at "Y" in the road just prior to caliche pit turn left. Jct box is located east of fence corner.



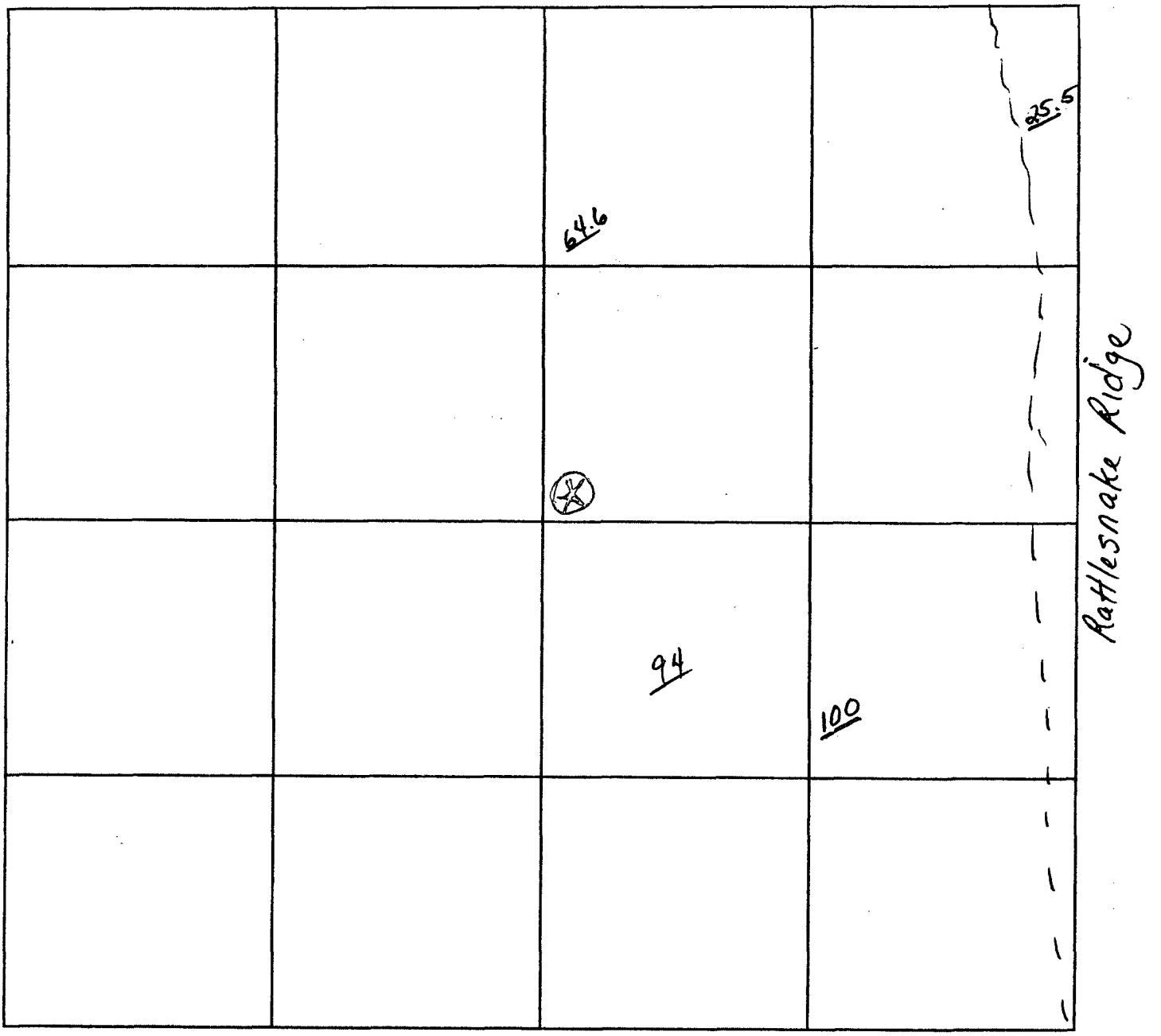
Justis — jct. M-14
system — site name

M — 14 — 24S — 37E
unit — section — township — range

GROUNDWATER DEPTH: 79 ft

compiled by: KP date: 4-13-05

comments:



New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
CP 00540	24S	37E	23						

Driller Licence: 447 GLASSPOOLE, FRANK A.
Driller Name:
Source: Shallow
Drill Start Date: 09/14/1974
Drill Finish Date: 09/17/1974
Log File Date: 10/25/1974
PCW Received Date:
Pump Type:
Pipe Discharge Size:
Casing Size:
Estimated Yield:
Depth Well: 110
Depth Water: 94

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
CP 00663	24S	37E	24	3	1	1			

Driller Licence: 208 VAN NOY, W.L.
Driller Name:
Source: Shallow
Drill Start Date: 09/29/1983
Drill Finish Date: 10/07/1983
Log File Date: 09/26/1984
PCW Received Date:
Pump Type:
Pipe Discharge Size:
Casing Size:
Estimated Yield:
Depth Well: 112
Depth Water: 100

Water Resources

Data Category: Ground Water | Geographic Area: New Mexico | go

We have been experiencing network problems since Friday April 8 that are affecting the performance of the USGS National Water Information System. We hope to have the problems resolved soon. Until that time, current USGS real-time data can be obtained via **http://waterdata.usgs.gov/nwis/rt**

Ground-water levels for New Mexico

Search Results -- 1 sites found

Search Criteria

site_no list = • 321337103070401

Save file of selected sites to local disk for future upload

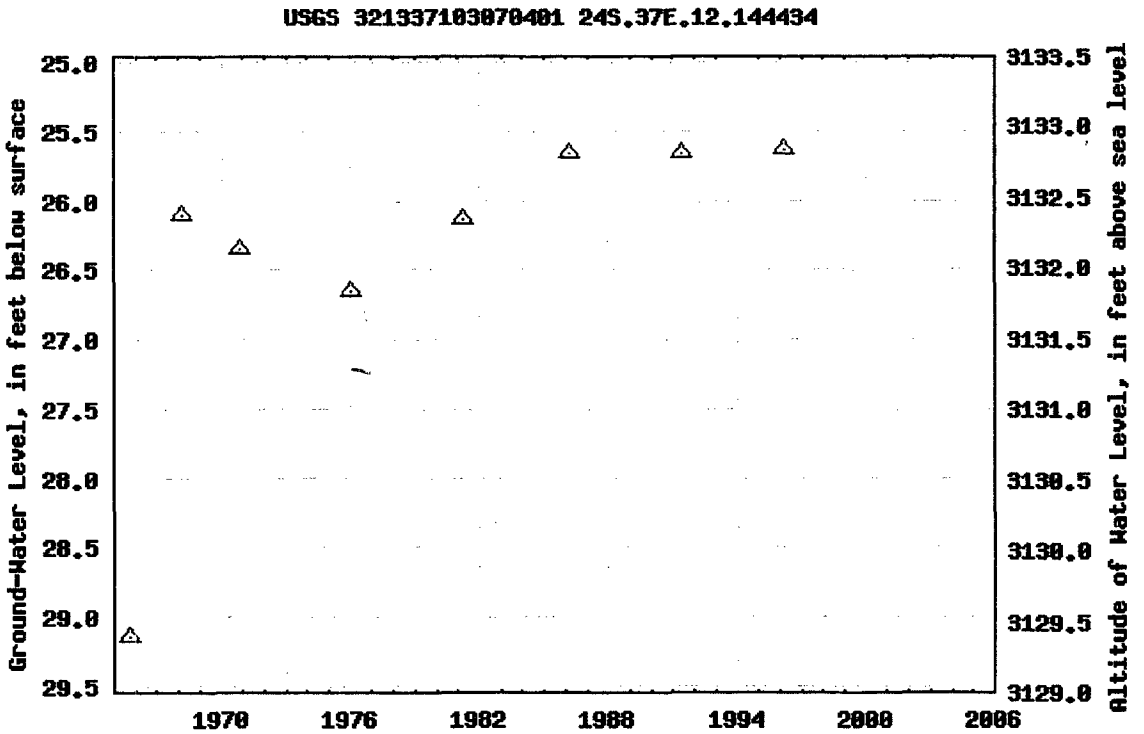
USGS 321337103070401 24S.37E.12.144434

Available data for this site | Ground-water: Levels | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°13'37", Longitude 103°07'04" NAD27
Gage datum 3,158.50 feet above sea level NGVD29
The depth of the well is 36 feet below land surface.
This well is completed in ALLUVIUM,BOLSON DEPOSITS AND OTHER SURFACE DEPOSITS (110AVMB)

Output formats

- Table of data
- Tab-separated data
- Graph of data
- Reselect period



Breaks in the plot represent a gap of at least one calendar year between two consecutive points.
Download a presentation-quality graph

Questions about data New Mexico NWISWeb Data Inquiries Top
Feedback on this website New Mexico NWISWeb Maintainer Explanation of terms
Ground water for New Mexico: Water Levels
http://waterdata.usgs.gov/nm/nwis/gwlevels?

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USGS Water Resources of New Mexico
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2.16 1.61 nadww01

Water Resources

Data Category: Ground Water | Geographic Area: New Mexico go

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Ground-water levels for New Mexico

Search Results -- 1 sites found

Search Criteria

site_no list = • 321312103080602

Save file of selected sites to local disk for future upload

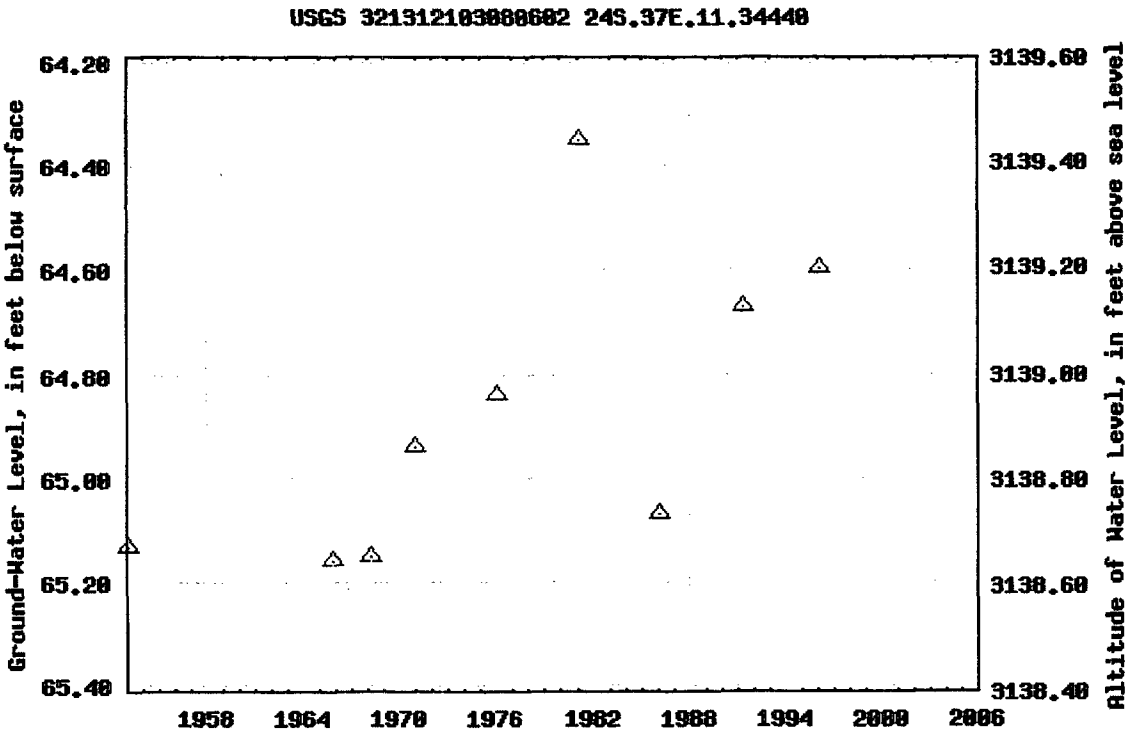
USGS 321312103080602 24S.37E.11.34440

Available data for this site Ground-water: Levels GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°13'12", Longitude 103°08'06" NAD27
Gage datum 3,203.80 feet above sea level NGVD29
The depth of the well is 80 feet below land surface.
This well is completed in ALLUVIUM,BOLSON DEPOSITS AND OTHER SURFACE DEPOSITS (110AVMB)

Output formats

- Table of data
- Tab-separated data
- Graph of data
- Reselect period



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USGS Water Resources of New Mexico
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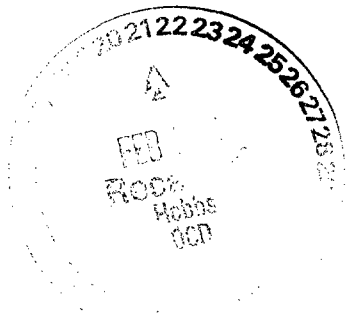
2.15 1.6 nadww01

RICE *Operating Company*

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

February 16, 2006



Paul Sheeley
NMOCD Hobbs Office
1625 N. French Drive

RE: M-14 Leak
Corrective Action Plan
Justis Salt Water Disposal System
UL/M SEC 14 T24S R37E

Dear Mr. Sheeley,

Rice Operating Company (ROC) discovered an accidental discharge at the above mentioned site on April 06, 2005. The release volume was approximately 20 barrels.

Characterization and delineation has been completed. Please find the attached Corrective Action Plan for this site. ROC is looking forward to hearing back from you on this submission and your approval is requested. If you have any questions please call me at (505) 631-2532.

Thank you,

Jennifer A. Johnson

Jennifer Johnson
Environmental Technician
Rice Operating Company

Enclosed: Lab results, driving directions, site map, Corrective Action Plan

Justis M-14
UL/M Sec 14
T24S R37E

CORRECTIVE ACTION PLAN

SITE HISTORY

Rice Operating Company (ROC) discovered an accidental discharge at the above mentioned site which occurred on April 06, 2005. A 3-inch PVC line ruptured and was replaced with a 3-inch poly line. The volume of the release was 20 bbls. Groundwater depth is approximately 79 ft. A preliminary work plan submitted by ROC was approved by the District 1 office on June 28, 2005.

DELINEATION RESULTS

Delineation and characterization at this site was conducted according to the NMOCD approved work plan. On April 29, 2005 ROC conducted initial field analyses. On October 31, 2005 ROC used a backhoe to delineate the site further. Soil samples were collected and sent to the Environmental Lab of Texas for confirmation. After evaluating the test results from this site, ROC conducted a soil boring on sample point 'B' (see the enclosed site map) for additional characterization. Chloride concentrations show a conclusive decline with depth.

Upon completion of the site characterization and delineation this proposed remedy is protective of groundwater quality, human health, and the environment. The proposed remedy is the creation of an infiltration barrier through surface restoration and re-vegetation of the site.

PROPOSED CORRECTIVE ACTION

1. ROC will give driving directions to the contact company that will be performing the site restoration to submit a One-Call for pipeline location.
2. Areas highly impacted will be excavated to 3 ft, which is well below the root zone. These soils will be hauled to a NMOCD approved disposal facility.
3. Lower concentrations will be blended on site to concentrations that will support the growth of native vegetation.
4. ROC will haul in clean topsoil.
5. The topsoil will then be tilled and seeded with a blend of native vegetation. Fertilizer and water will be added as needed.
6. ROC will continue to monitor the site in the future for regrowth of vegetation.

ROC is the service provider (operator) for the Justis Salt Water Disposal System and has no ownership of any portion of the pipelines, wells, or facilities. The Justis Salt Water Disposal System is owned by a consortium of oil producers, System Partners, who provide all operating capitol on percentage ownership/usage basis. Environmental remediation projects of this magnitude may require System Partner AFE approval and work begins as funds are received.

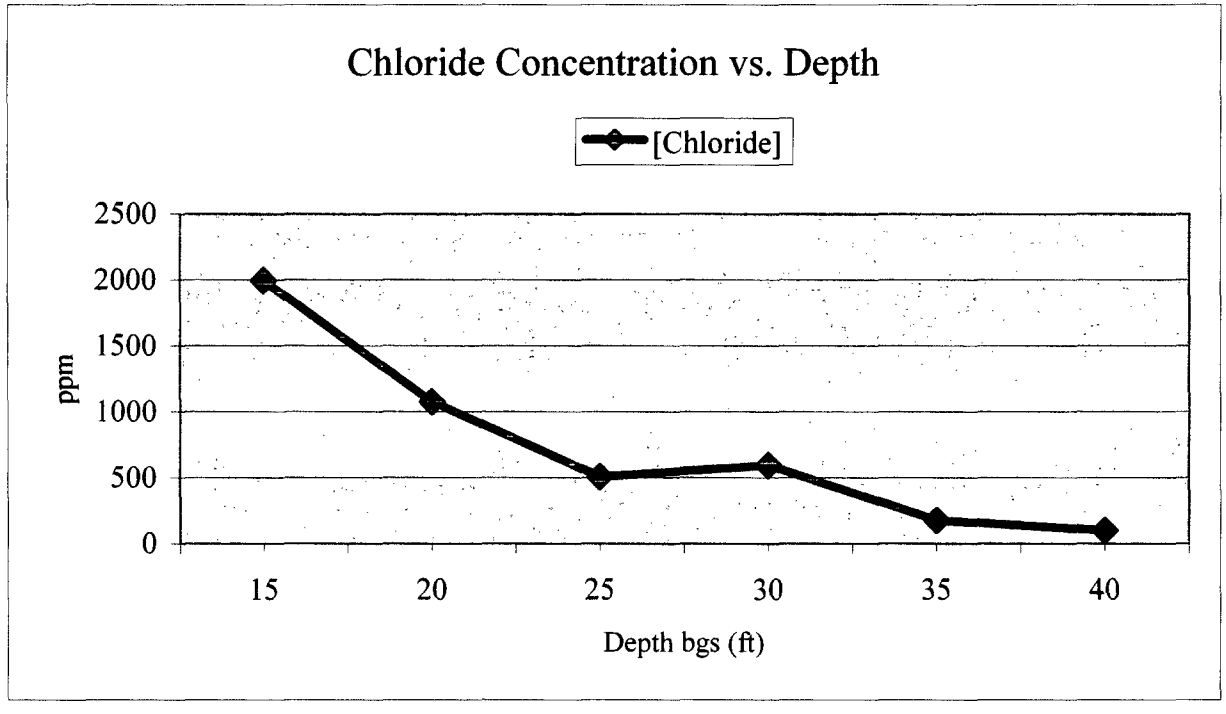
Justis M-14 Release

Unit 'M', Sec, 14, T17S, R35E

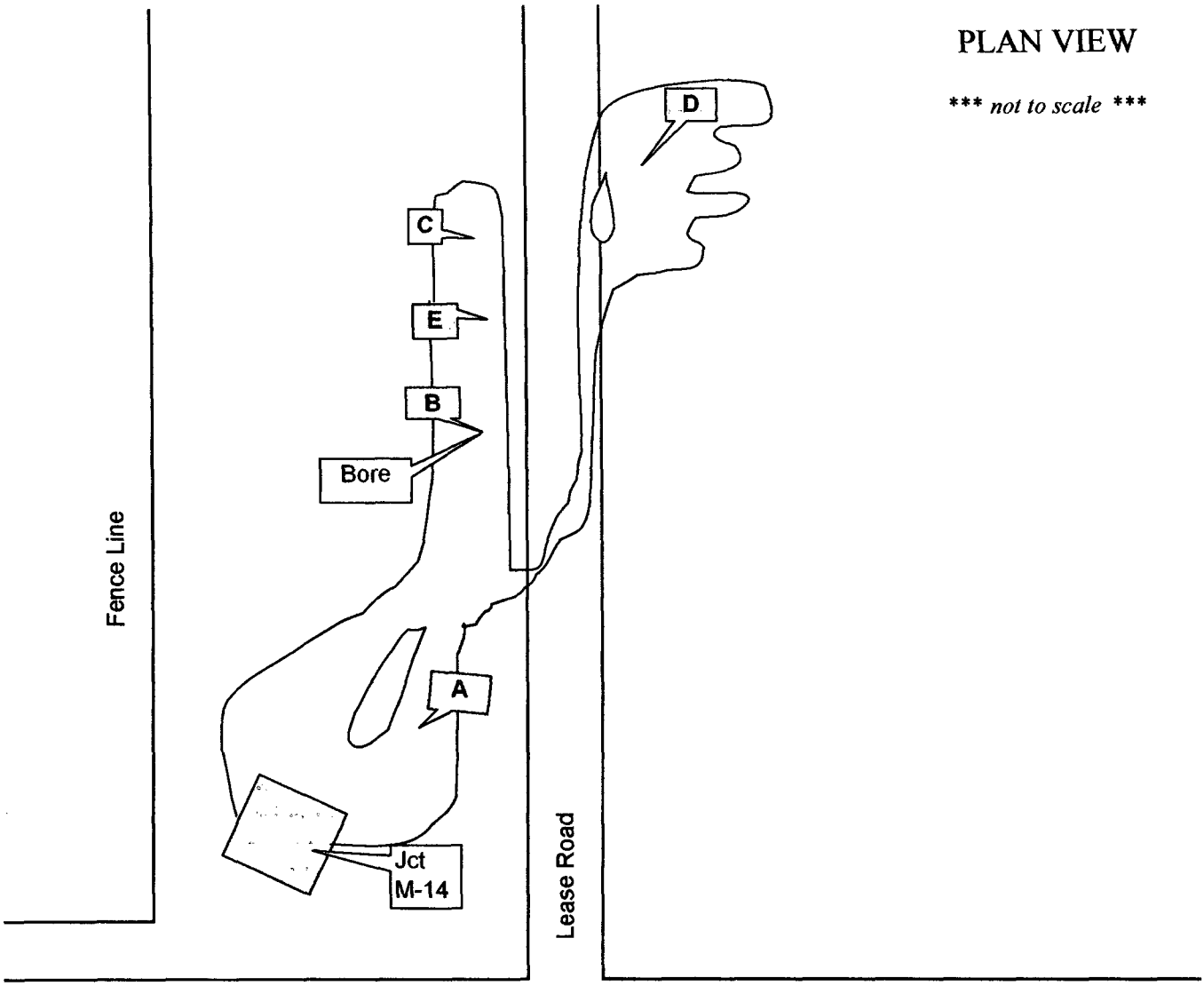
Soil Bore Delineation
Field Tests

Depth bgs (ft)	[Cl⁻] ppm
15	1994
20	1076
25	507
30	595
35	176
40	100

Groundwater = 79 ft



Justis M-14 Leak Site



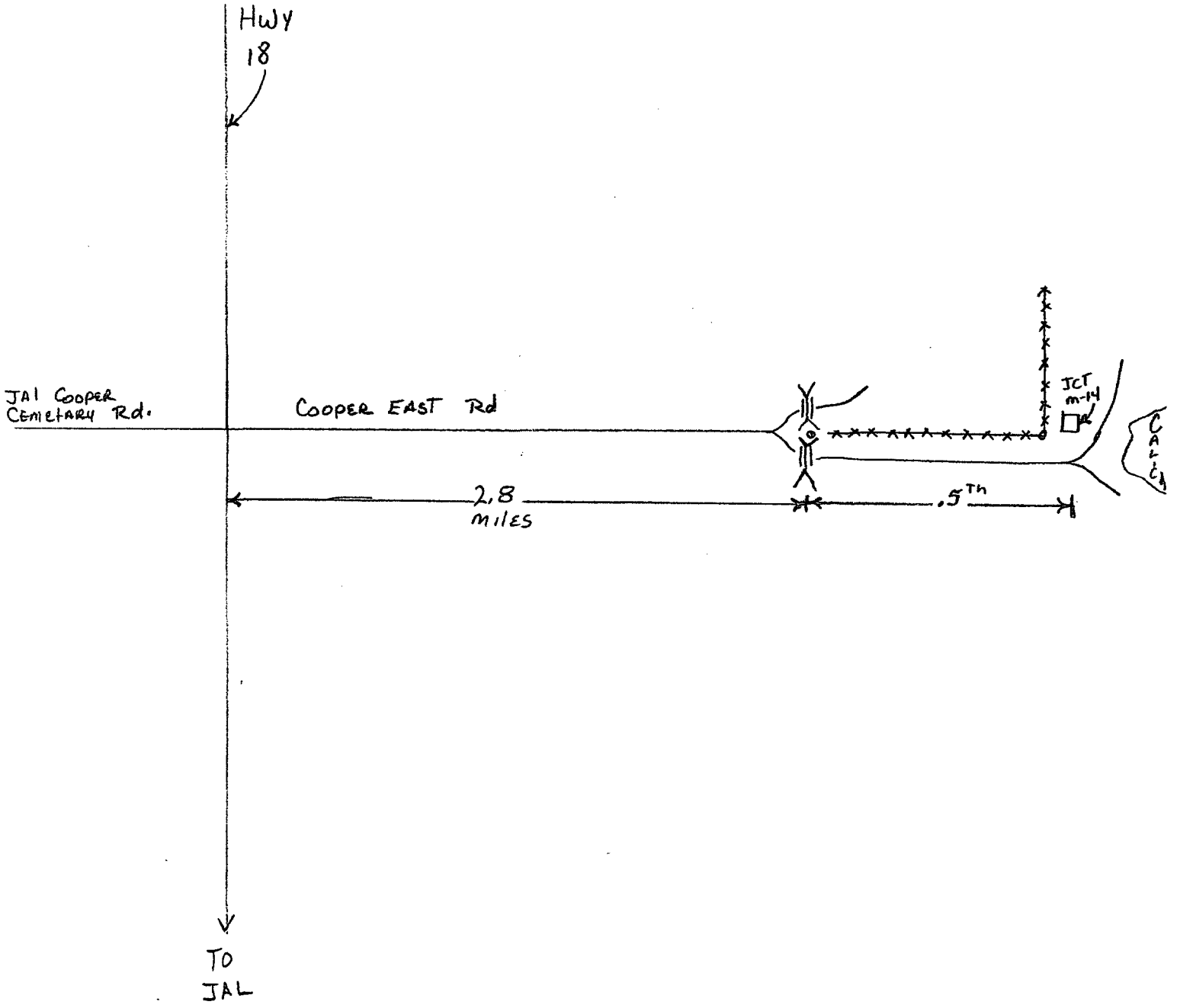
CHLORIDE FIELD TESTS

Backhoe Samples 10/31/05									
SP A		SP B		SP C		SP D		SP E	
Depth	ppm	Depth	ppm	Depth	ppm	Depth	ppm	Depth	ppm
1'	379	1'	856	1'	97	1'	730	1'	1046
2'	835	2'	1568	2'	147	2'	609	2'	370
3'	1040	3'	1181	3'	108	3'	1128	3'	754
4'	1336	4'	1061	4'	177	4'	1559	4'	710
5'	3080	5'	937	5'	116	5'	1844	5'	881
6'	2795	6'	1131	6'	124	6'	1698	6'	763
7'	3258	7'	1534	7'	142	7'	2321	7'	878
8'	1815	8'	2464	8'	n/a	8'	2633	8'	373
9'	1409	9'	2217	9'	n/a	9'	2077	9'	647
10'	1623	10'	1718	10'	n/a	10'	1869	10'	402
11'	1686	11'	2074	11'	n/a	11'	1734	11'	671
11.5'	1458	12'	1560	12'	n/a	12'	1179	12'	547

Soil Bore 12/12/05		
Depth	ppm	Lab
10-15'	1994	
15-20'	1076	
20-25'	507	
25-30'	595	
30-35'	176	92
35-40'	100	

DRIVING DIRECTIONS:
Justis Jct M-14
UL/M Sec 14 – T24S – R37E

From the intersection HWY 18 and Cooper East Road north of Jal, turn east and go approx. 2.8 miles to double cattle guards, take south (right) cattle guard and go approx. 0.5th of a mile on lease road, at "Y" in the road just prior to caliche pit turn left. Jct box is located east of fence corner.



ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Justis M-14

Project Number: None Given

Location: None Given

Lab Order Number: 5L15002

Report Date: 12/23/05

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	12/23/05 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Justis M-14 Leak@ 30-35bgs	5L15002-01	Soil	12/12/05 10:35	12/15/05 08:00

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	12/23/05 15:46

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Justis M-14 Leak@ 30-35bgs (5L15002-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EL51506	12/15/05	12/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.8 %*	*70-130*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Kristin Farris-Pope	12/23/05 15:46

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Justis M-14 Leak@ 30-35bgs (5L15002-01) Soil									
Chloride	**92.0**	5.00	mg/kg	10	EL52102	12/20/05	12/21/05	EPA 300.0	
% Moisture	**3.3**	0.1	%	1	EL51609	12/15/05	12/16/05	% calculation	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL51506 - Solvent Extraction (GC)										
Blank (EL51506-BLK1)				Prepared & Analyzed: 12/15/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*56.7*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.3*		"	*50.0*		*92.6*	*70-130*			
LCS (EL51506-BS1)				Prepared & Analyzed: 12/15/05						
Gasoline Range Organics C6-C12	378	10.0	mg/kg wet	500		75.6	75-125			
Diesel Range Organics >C12-C35	468	10.0	"	500		93.6	75-125			
Total Hydrocarbon C6-C35	846	10.0	"	1000		84.6	75-125			
Surrogate: 1-Chlorooctane	*52.5*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.8*		"	*50.0*		*81.6*	*70-130*			
Calibration Check (EL51506-CCV1)				Prepared: 12/15/05 Analyzed: 12/16/05						
Gasoline Range Organics C6-C12	412		mg/kg	500		82.4	80-120			
Diesel Range Organics >C12-C35	504		"	500		101	80-120			
Total Hydrocarbon C6-C35	916		"	1000		91.6	80-120			
Surrogate: 1-Chlorooctane	*52.1*		"	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.5*		"	*50.0*		*85.0*	*70-130*			
Matrix Spike (EL51506-MS1)	**Source: 5L15003-01**			Prepared & Analyzed: 12/15/05						
Gasoline Range Organics C6-C12	496	10.0	mg/kg dry	528	ND	93.9	75-125			
Diesel Range Organics >C12-C35	441	10.0	"	528	ND	83.5	75-125			
Total Hydrocarbon C6-C35	937	10.0	"	1060	ND	88.4	75-125			
Surrogate: 1-Chlorooctane	*50.6*		*mg/kg*	*50.0*		*101*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.1*		"	*50.0*		*72.2*	*70-130*			
Matrix Spike Dup (EL51506-MSD1)	**Source: 5L15003-01**			Prepared & Analyzed: 12/15/05						
Gasoline Range Organics C6-C12	502	10.0	mg/kg dry	528	ND	95.1	75-125	1.20	20	
Diesel Range Organics >C12-C35	441	10.0	"	528	ND	83.5	75-125	0.00	20	
Total Hydrocarbon C6-C35	943	10.0	"	1060	ND	89.0	75-125	0.638	20	
Surrogate: 1-Chlorooctane	*51.0*		*mg/kg*	*50.0*		*102*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.9*		"	*50.0*		*71.8*	*70-130*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL51609 - General Preparation (Prep)										
Blank (EL51609-BLK1)				Prepared: 12/15/05 Analyzed: 12/16/05						
% Solids	100		%							
Duplicate (EL51609-DUP1)		Source: 5L14008-01		Prepared: 12/15/05 Analyzed: 12/16/05						
% Solids	94.3		%		95.6			1.37	20	
Duplicate (EL51609-DUP2)		Source: 5L15001-09		Prepared: 12/15/05 Analyzed: 12/16/05						
% Solids	90.7		%		91.0			0.330	20	
Duplicate (EL51609-DUP3)		Source: 5L15014-01		Prepared: 12/15/05 Analyzed: 12/16/05						
% Solids	98.0		%		98.5			0.509	20	
Batch EL52102 - Water Extraction										
Blank (EL52102-BLK1)				Prepared: 12/20/05 Analyzed: 12/21/05						
Chloride	ND	0.500	mg/kg							
LCS (EL52102-BS1)				Prepared: 12/20/05 Analyzed: 12/21/05						
Chloride	8.33		mg/L	10.0		83.3	80-120			
Calibration Check (EL52102-CCV1)				Prepared: 12/20/05 Analyzed: 12/21/05						
Chloride	8.46		mg/L	10.0		84.6	80-120			
Duplicate (EL52102-DUP1)		Source: 5L15002-01		Prepared: 12/20/05 Analyzed: 12/21/05						
Chloride	94.9	5.00	mg/kg		92.0			3.10	20	

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Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 12/23/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Kristen Farris Pope
Company Name: Rice Operating Co
Company Address: 122 W. Taylor
City/State/Zip: Hobbs NM 88240
Telephone No: (505) 393-9174
Fax No:
Sampler Signature:

Project Name: Justis M-14
Project #:
Project Loc:
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TDS (CL / SAR / EC)	TOTAL: TDS (CL / SAR / EC)	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)
01	Justis M-14 lead @ 3035 ft	12/18/05	10:35	1	X								X			X				X					

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	12/14/05	5:00		12/14	5:00
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	12/15	8:00		12/15/05	8:00

Sample Constituents and Temperature Upon Receipt:
Laboratory Comments:

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Rice Op.

Date/Time: 12/15/05 9:00

Order #: 5L15002

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.5 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Regarding:

Corrective Action Taken:

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

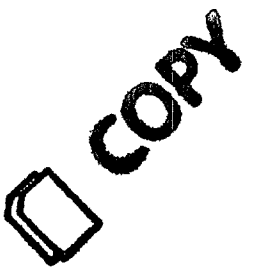
Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240



Project: Justis M-14

Project Number: None Given

Location: None Given

Lab Order Number: 5K01002

Report Date: 11/11/05

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP D@ 12'bgs	5K01002-01	Soil	10/31/05 13:35	11/01/05 07:50
SP B@ 4'bgs	5K01002-02	Soil	10/31/05 11:15	11/01/05 07:50
SP C@ 7'bgs	5K01002-03	Soil	10/31/05 12:20	11/01/05 07:50
SP E@ 12'bgs	5K01002-04	Soil	10/31/05 15:00	11/01/05 07:50
SP A@ 11 1/2'bgs	5K01002-05	Soil	10/31/05 10:30	11/01/05 07:50
SP B@ 1'bgs	5K01002-06	Soil	10/31/05 10:45	11/01/05 07:50
SP E@ 1'bgs	5K01002-07	Soil	10/31/05 14:30	11/01/05 07:50
SP B@ 12'bgs	5K01002-08	Soil	10/31/05 11:05	11/01/05 07:50

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Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP B@ 4'bgs (5K01002-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK50407	11/04/05	11/07/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.5 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK50801	11/08/05	11/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*78.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.6 %*	*70-130*		"	"	"	"	
SP B@ 1'bgs (5K01002-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK50407	11/04/05	11/07/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.4 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK50116	11/01/05	11/03/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*120 %*	*70-130*		"	"	"	"	
SP E@ 1'bgs (5K01002-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK50407	11/04/05	11/07/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.3 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EK50116	11/01/05	11/03/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

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Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP E@ 1'bgs (5K01002-07) Soil									
Surrogate: 1-Chlorooctane		*82.2 %*	*70-130*		*EK50116*	*11/01/05*	*11/03/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*83.4 %*	*70-130*		"	"	"	"	

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Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP D@ 12'bgs (5K01002-01) Soil									
Chloride	**1570**	20.0	mg/kg	40	EK50704	11/04/05	11/07/05	EPA 300.0	
SP B@ 4'bgs (5K01002-02) Soil									
Chloride	**1710**	25.0	mg/kg	50	EK50704	11/04/05	11/07/05	EPA 300.0	
% Moisture	**14.3**	0.1	%	1	EK50906	11/09/05	11/09/05	% calculation	
SP C@ 7'bgs (5K01002-03) Soil									
Chloride	**32.3**	5.00	mg/kg	10	EK50704	11/04/05	11/07/05	EPA 300.0	
SP E@ 12'bgs (5K01002-04) Soil									
Chloride	**750**	10.0	mg/kg	20	EK50704	11/04/05	11/07/05	EPA 300.0	
SP A@ 11 1/2'bgs (5K01002-05) Soil									
Chloride	**2310**	50.0	mg/kg	100	EK50704	11/04/05	11/07/05	EPA 300.0	
SP B@ 1'bgs (5K01002-06) Soil									
Chloride	**1510**	20.0	mg/kg	40	EK50704	11/04/05	11/07/05	EPA 300.0	
% Moisture	**7.6**	0.1	%	1	EK50205	11/01/05	11/02/05	% calculation	
SP E@ 1'bgs (5K01002-07) Soil									
Chloride	**538**	10.0	mg/kg	20	EK50704	11/04/05	11/07/05	EPA 300.0	
% Moisture	**11.9**	0.1	%	1	EK50205	11/01/05	11/02/05	% calculation	
SP B@ 12'bgs (5K01002-08) Soil									
Chloride	**2260**	50.0	mg/kg	100	EK50704	11/04/05	11/07/05	EPA 300.0	

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK50116 - Solvent Extraction (GC)										
Blank (EK50116-BLK1)				Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*48.0*		*mg/kg*	*50.0*		*96.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.8*		"	*50.0*		*93.6*	*70-130*			
LCS (EK50116-BS1)				Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	444	10.0	mg/kg wet	500		88.8	75-125			
Diesel Range Organics >C12-C35	379	10.0	"	500		75.8	75-125			
Total Hydrocarbon C6-C35	823	10.0	"	1000		82.3	75-125			
Surrogate: 1-Chlorooctane	*54.8*		*mg/kg*	*50.0*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.9*		"	*50.0*		*104*	*70-130*			
Calibration Check (EK50116-CCV1)				Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	516		mg/kg	500		103	80-120			
Diesel Range Organics >C12-C35	442		"	500		88.4	80-120			
Total Hydrocarbon C6-C35	958		"	1000		95.8	80-120			
Surrogate: 1-Chlorooctane	*58.4*		"	*50.0*		*117*	*70-130*			
Surrogate: 1-Chlorooctadecane	*63.6*		"	*50.0*		*127*	*70-130*			
Matrix Spike (EK50116-MS1)	**Source: 5J31007-02**			Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	506	10.0	mg/kg dry	538	ND	94.1	75-125			
Diesel Range Organics >C12-C35	485	10.0	"	538	ND	90.1	75-125			
Total Hydrocarbon C6-C35	991	10.0	"	1080	ND	91.8	75-125			
Surrogate: 1-Chlorooctane	*55.5*		*mg/kg*	*50.0*		*111*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.5*		"	*50.0*		*107*	*70-130*			
Matrix Spike Dup (EK50116-MSD1)	**Source: 5J31007-02**			Prepared: 11/01/05 Analyzed: 11/03/05						
Gasoline Range Organics C6-C12	511	10.0	mg/kg dry	538	ND	95.0	75-125	0.983	20	
Diesel Range Organics >C12-C35	485	10.0	"	538	ND	90.1	75-125	0.00	20	
Total Hydrocarbon C6-C35	996	10.0	"	1080	ND	92.2	75-125	0.503	20	
Surrogate: 1-Chlorooctane	*55.0*		*mg/kg*	*50.0*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.6*		"	*50.0*		*103*	*70-130*			

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK50407 - EPA 5030C (GC)										
Blank (EK50407-BLK1)				Prepared & Analyzed: 11/04/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*0.0321*		"	*0.0400*		*80.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0384*		"	*0.0400*		*96.0*	*80-120*			
LCS (EK50407-BS1)				Prepared & Analyzed: 11/04/05						
Benzene	0.0425	0.00100	mg/kg wet	0.0500		85.0	80-120			
Toluene	0.0437	0.00100	"	0.0500		87.4	80-120			
Ethylbenzene	0.0413	0.00100	"	0.0500		82.6	80-120			
Xylene (p/m)	0.0819	0.00100	"	0.100		81.9	80-120			
Xylene (o)	0.0429	0.00100	"	0.0500		85.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0340*		"	*0.0400*		*85.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0333*		"	*0.0400*		*83.2*	*80-120*			
Calibration Check (EK50407-CCV1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Benzene	40.2		ug/kg	50.0		80.4	80-120			
Toluene	40.7		"	50.0		81.4	80-120			
Ethylbenzene	40.6		"	50.0		81.2	80-120			
Xylene (p/m)	82.5		"	100		82.5	80-120			
Xylene (o)	41.8		"	50.0		83.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0355*		*mg/kg wet*	*0.0400*		*88.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0383*		"	*0.0400*		*95.8*	*80-120*			
Matrix Spike (EK50407-MS1)	**Source: 5K01002-02**			Prepared: 11/04/05 Analyzed: 11/07/05						
Benzene	0.0479	0.00100	mg/kg dry	0.0583	ND	82.2	80-120			
Toluene	0.0515	0.00100	"	0.0583	ND	88.3	80-120			
Ethylbenzene	0.0521	0.00100	"	0.0583	ND	89.4	80-120			
Xylene (p/m)	0.102	0.00100	"	0.117	ND	87.2	80-120			
Xylene (o)	0.0534	0.00100	"	0.0583	ND	91.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*0.0429*		"	*0.0467*		*91.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0528*		"	*0.0467*		*113*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK50407 - EPA 5030C (GC)										
Matrix Spike Dup (EK50407-MSD1)	**Source: 5K01002-02**			Prepared: 11/04/05 Analyzed: 11/07/05						
Benzene	0.0480	0.00100	mg/kg dry	0.0583	ND	82.3	80-120	0.122	20	
Toluene	0.0516	0.00100	"	0.0583	ND	88.5	80-120	0.226	20	
Ethylbenzene	0.0520	0.00100	"	0.0583	ND	89.2	80-120	0.224	20	
Xylene (p/m)	0.102	0.00100	"	0.117	ND	87.2	80-120	0.00	20	
Xylene (o)	0.0533	0.00100	"	0.0583	ND	91.4	80-120	0.219	20	
Surrogate: a,a,a-Trifluorotoluene	*0.0443*		"	*0.0467*		*94.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0546*		"	*0.0467*		*117*	*80-120*			
Batch EK50801 - Solvent Extraction (GC)										
Blank (EK50801-BLK1)				Prepared & Analyzed: 11/08/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*63.7*		*mg/kg*	*50.0*		*127*	*70-130*			
Surrogate: 1-Chlorooctadecane	*64.5*		"	*50.0*		*129*	*70-130*			
LCS (EK50801-BS1)				Prepared & Analyzed: 11/08/05						
Gasoline Range Organics C6-C12	390	10.0	mg/kg wet	500		78.0	75-125			
Diesel Range Organics >C12-C35	471	10.0	"	500		94.2	75-125			
Total Hydrocarbon C6-C35	862	10.0	"	1000		86.2	75-125			
Surrogate: 1-Chlorooctane	*53.3*		*mg/kg*	*50.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.1*		"	*50.0*		*104*	*70-130*			
Calibration Check (EK50801-CCV1)				Prepared & Analyzed: 11/08/05						
Gasoline Range Organics C6-C12	428		mg/kg	500		85.6	80-120			
Diesel Range Organics >C12-C35	482		"	500		96.4	80-120			
Total Hydrocarbon C6-C35	910		"	1000		91.0	80-120			
Surrogate: 1-Chlorooctane	*47.7*		"	*50.0*		*95.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.5*		"	*50.0*		*89.0*	*70-130*			

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK50801 - Solvent Extraction (GC)										
Matrix Spike (EK50801-MS1)	**Source: 5K07002-02**			Prepared & Analyzed: 11/08/05						
Gasoline Range Organics C6-C12	524	10.0	mg/kg dry	585	ND	89.6	75-125			
Diesel Range Organics >C12-C35	513	10.0	"	585	ND	87.7	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1170	ND	88.9	75-125			
Surrogate: 1-Chlorooctane	*49.0*		*mg/kg*	*50.0*		*98.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*45.3*		"	*50.0*		*90.6*	*70-130*			
Matrix Spike Dup (EK50801-MSD1)	**Source: 5K07002-02**			Prepared & Analyzed: 11/08/05						
Gasoline Range Organics C6-C12	547	10.0	mg/kg dry	585	ND	93.5	75-125	4.30	20	
Diesel Range Organics >C12-C35	527	10.0	"	585	ND	90.1	75-125	2.69	20	
Total Hydrocarbon C6-C35	1070	10.0	"	1170	ND	91.5	75-125	2.84	20	
Surrogate: 1-Chlorooctane	*52.8*		*mg/kg*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.8*		"	*50.0*		*89.6*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Rice Operating Co.	Project: Justis M-14	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/11/05 11:16

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK50205 - General Preparation (Prep)										
Blank (EK50205-BLK1)				Prepared: 11/01/05 Analyzed: 11/02/05						
% Solids	100		%							
Duplicate (EK50205-DUP1)	**Source: 5K01001-01**			Prepared: 11/01/05 Analyzed: 11/02/05						
% Solids	91.2		%		91.4			0.219	20	
Batch EK50704 - Water Extraction										
Blank (EK50704-BLK1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	ND	0.500	mg/kg							
LCS (EK50704-BS1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	8.46		mg/L	10.0		84.6	80-120			
Calibration Check (EK50704-CCV1)				Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	8.30		mg/L	10.0		83.0	80-120			
Duplicate (EK50704-DUP1)	**Source: 5J25001-05**			Prepared: 11/04/05 Analyzed: 11/07/05						
Chloride	193	5.00	mg/kg		192			0.519	20	
Batch EK50906 - General Preparation (Prep)										
Blank (EK50906-BLK1)				Prepared & Analyzed: 11/09/05						
% Solids	100		%							
Duplicate (EK50906-DUP1)	**Source: 5K08004-01**			Prepared & Analyzed: 11/09/05						
% Solids	94.5		%		94.1			0.424	20	

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Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 11/11/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Pascon
Company Name: Pice Operating
Company Address: 122 W. Taylor
City/State/Zip: Hobbs NM 88240
Telephone No: 505 393-9174 Fax No:
Sampler Signature: Jennifer Johnson

Project Name: Justis MD-14
Project #:
Project Loc:
PO #:

EXCEL

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TOS (CL) BAR / EC	TOTAL: TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)
1	SP D @ 12' bgs	10/31/05	1:35 pm	1	X									X		X								
2	SP B @ 4' bgs	10/31/05	11:15 am	1	X									X		X			X				X	
3	SP C @ 7' bgs	10/31/05	12:20 pm	1	X									X		X								
4	SP E @ 12' bgs	10/31/05	3:00 pm	1	X									X		X								
5	SP A @ 11 1/2' bgs	10/31/05	10:30 am	1	X									X		X								
6	SP B @ 1' bgs	10/31/05	10:45 Am	1	X									X		X			X				X	
7	SP E @ 1' bgs	10/31/05	2:30 pm	1	X									X		X			X				X	
8	Sp B @ 12' bgs	10/31/05	11:05 Am	1	X									X		X								

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jennifer Johnson	10/31/05			10/31	17:45
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	11/1	7:50		11-01-05	07:50

Sample Containers Intact: (Y) N
Temperature Upon Receipt: 4°C
Laboratory Comments:

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Rice Op.

Date/Time: 11/1/05 7:50

Order #: 5K01002

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	-1.5 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____