

1R – 428 - 44

**ANNUAL GW
REPORT**

**DATE:
2007**

R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266-5004 ▲ Fax: 505.266-0745

RECEIVED

2007 FEB 7 PM 2 41

1R428-44
Annual/GW Mon Report
2007

January 24, 2008

Wayne Price
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

RE: 2007 Annual Ground Water Monitoring Report
F-29-1A Vent, Sec 29, T18S, R38E, Unit "F"
NMOCD Case #: None

Dear Mr. Wayne Price:

R.T. Hicks Consultants, Ltd is pleased to submit the 2007 Annual Ground Water Monitoring Report for the F-29-1A Vent site located in the Hobbs Salt Water Disposal System (SWD). This report consists of the following sections:

1. A table summarizing all laboratory results, depth to ground water and other pertinent data associated with ground water sampling at the site, including this past year.
2. Graphs showing chemical concentration over time for chloride, TDS, and sulfate.
3. Laboratory data sheets associated with the routine sampling for 2007.
4. Site Survey

A Corrective Action Plan was submitted to NMOCD on November 14, 2005. On February 15, 2006, NMOCD approved the Closure Report on the condition the monitoring wells remain active. A Closure Report will be submitted in the spring of 2008.

Thank you for your consideration of this annual summary information. The attached CD contains an electronic copy of this report. If you have any questions, please contact us at 505-266-5004, or Kristin Farris Pope at ROC, 505-393-9174.

Sincerely,
R.T. Hicks Consultants, Ltd.



Randall T. Hicks
Principal

Copy: Hobbs NMOCD office; Rice Operating Company

F-29-1A Vent

Table 1: chemistry over time

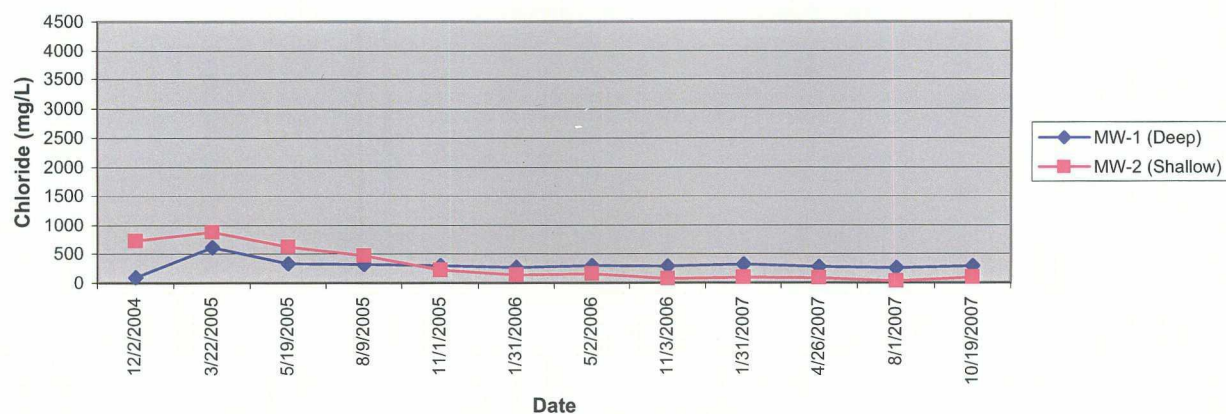
Well Name	Date	DTW (ft)	Chloride (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	EthylBenzene (mg/L)	Total Xylenes (mg/L)	Comments
MW-1 (Deep)	12/2/2004	60.74	100	*No Results	465	<0.001	<0.001	<0.001	<0.001	clear; no odor
MW-1 (Deep)	3/22/2005	60.10	613	154	930	<0.001	<0.001	<0.001	<0.001	gray; no odor
MW-1 (Deep)	5/19/2005	60.13	332	84.5	1260	<0.001	<0.001	<0.001	<0.001	
MW-1 (Deep)	8/9/2005	60.22	322	75.7	1080	<0.001	<0.001	<0.001	<0.001	
MW-1 (Deep)	11/1/2005	60.45	300	63.2	986	<0.001	<0.0001	<0.001	<0.001	clear; no odor
MW-1 (Deep)	1/31/2006	60.54	270	58.1	1000	<0.001	<0.001	<0.001	<0.001	clear; no odor
MW-1 (Deep)	5/2/2006	60.61	298	62.9	996	<0.001	<0.001	<0.001	<0.001	
MW-1 (Deep)	11/3/2006	60.79	285	86.1	866	<0.001	<0.001	<0.001	<0.001	Clear no odor
MW-1 (Deep)	1/31/2007	60.75	325	104	826	<0.001	<0.001	<0.001	<0.001	Clear/
MW-1 (Deep)	4/26/2007	60.83	279	95.7	850	<0.001	<0.001	<0.001	<0.001	clear no odor
MW-1 (Deep)	8/1/2007	61.10	263	102	1160	<0.001	<0.001	<0.001	<0.002	Clear No Odor
MW-1 (Deep)	10/19/2007	61.09	292	130	1047	<0.001	<0.001	<0.001	<0.003	Clear No odor

F-29-1A Vent

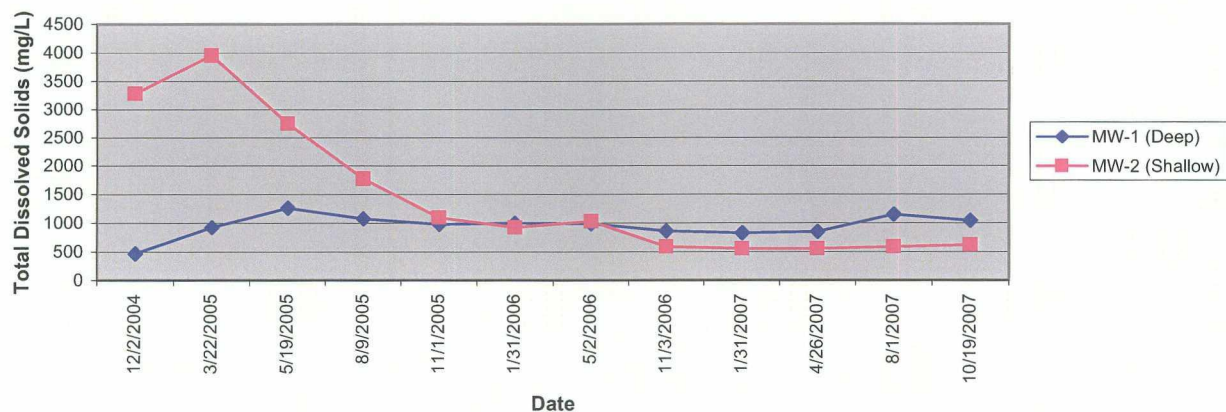
Table 1: chemistry over time

Well Name	Date	DTW (ft)	Chloride (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	EthylBenzene (mg/L)	Total Xylenes (mg/L)	Comments
MW-2 (Shallow)	12/2/2004	60.64	725	*No Results	3280	<0.001	<0.001	<0.001	<0.001	gray; no odor
MW-2 (Shallow)	3/22/2005	60.08	879	1780	3960	<0.001	<0.001	<0.001	<0.001	gray; no odor
MW-2 (Shallow)	5/19/2005	60.04	626	788	2750	<0.001	<0.001	<0.001	<0.001	
MW-2 (Shallow)	8/9/2005	60.14	470	475	1780	<0.001	<0.001	<0.001	<0.001	
MW-2 (Shallow)	11/1/2005	60.34	226	218	1100	<0.001	<0.001	<0.001	<0.001	Clear; no odor
MW-2 (Shallow)	1/31/2006	60.42	144	58.1	924	<0.001	<0.001	<0.001	<0.001	
MW-2 (Shallow)	5/2/2006	60.50	160	153	1040	<0.001	<0.001	<0.001	<0.001	
MW-2 (Shallow)	11/3/2006	60.69	79.6	111	592	<0.001	<0.001	<0.001	<0.001	Clear no odor
MW-2 (Shallow)	1/31/2007	60.63	98.2	125	556	<0.001	<0.001	<0.001	<0.001	Clear/
MW-2 (Shallow)	4/26/2007	60.63	89.4	107	556	<0.001	<0.001	<0.001	<0.001	clear no odor
MW-2 (Shallow)	8/1/2007	60.98	27.2	XXX	592	<0.001	<0.001	<0.001	<0.002	Clear No Odor
MW-2 (Shallow)	10/19/2007	60.98	100	125	624	<0.001	<0.001	<0.001	<0.003	Clear No odor

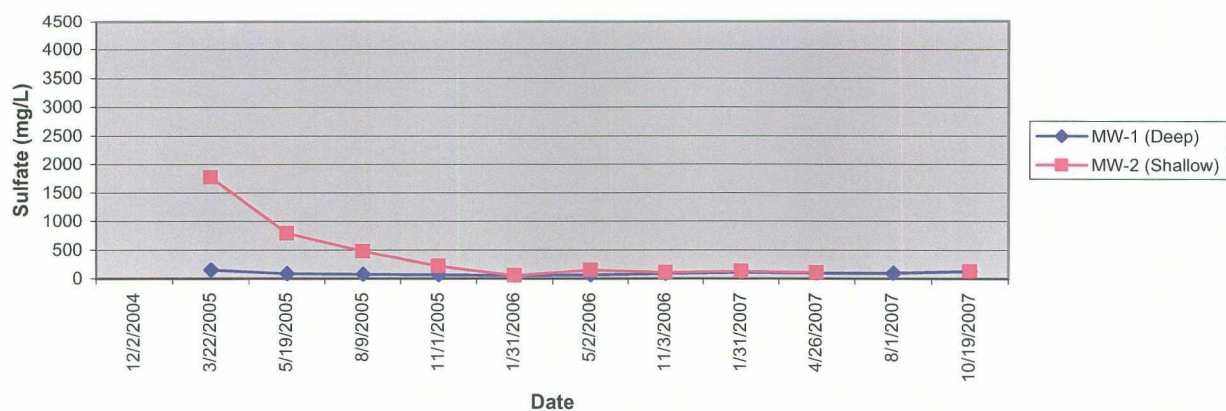
**F-29-1a Vent
Chloride Over Time**



**F-29-1a Vent
TDS Over Time**



**F-29-1a Vent
Sulfate Over Time**



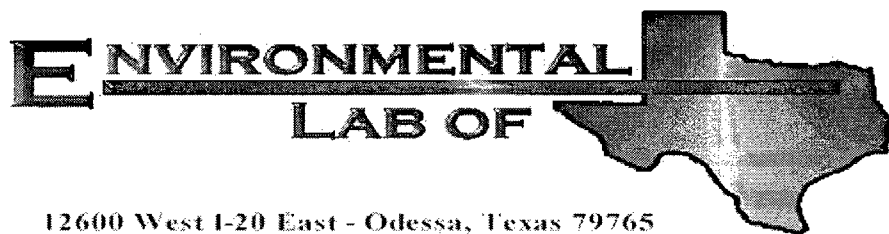
R.T. Hicks Consultants, Ltd
901 Rio Grande Blvd NW, Suite F-142
Albuquerque, NM 87104
505-266-5004

Ground Water Chemistry

Rice Operating Company
2007 Annual Report

F-29-1a Vent

1/24/2008



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Hobbs Jct. F-29-1A

Project Number: None Given

Location: T18S R38E Sec29F Lea Co., NM

Lab Order Number: 7B01021

Report Date: 02/13/07

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well #1- Deep	7B01021-01	Water	01/31/07 10:20	02-01-2007 15:42
Monitor Well #2- Shallow	7B01021-02	Water	01/31/07 09:45	02-01-2007 15:42

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1- Deep (7B01021-01) Water									
Benzene	ND	0.00100	mg/L	1	EB70703	02/07/07	02/09/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		86.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.4 %	80-120		"	"	"	"	

Monitor Well #2- Shallow (7B01021-02) Water

Benzene	ND	0.00100	mg/L	1	EB70703	02/07/07	02/09/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		86.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.0 %	80-120		"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 2 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1- Deep (7B01021-01) Water									
Total Alkalinity	164	2.00	mg/L	1	EB70209	02/02/07	02/02/07	EPA 310.1M	
Chloride	325	5.00	"	10	EB70208	02/02/07	02/03/07	EPA 300.0	
Total Dissolved Solids	826	10.0	"	1	EB70302	02/02/07	02/03/07	EPA 160.1	
Sulfate	104	5.00	"	10	EB70208	02/02/07	02/03/07	EPA 300.0	
Monitor Well #2- Shallow (7B01021-02) Water									
Total Alkalinity	228	2.00	mg/L	1	EB70209	02/02/07	02/02/07	EPA 310.1M	
Chloride	98.2	5.00	"	10	EB70208	02/02/07	02/03/07	EPA 300.0	
Total Dissolved Solids	556	10.0	"	1	EB70302	02/02/07	02/03/07	EPA 160.1	
Sulfate	125	5.00	"	10	EB70208	02/02/07	02/03/07	EPA 300.0	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 3 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well #1- Deep (7B01021-01) Water									
Calcium	138	4.05	mg/L	50	EB70612	02/06/07	02/06/07	EPA 6010B	
Magnesium	26.9	0.360	"	10	"	"	"	"	
Potassium	3.85	0.600	"	"	"	"	"	"	
Sodium	84.3	2.15	"	50	"	"	"	"	
Monitor Well #2- Shallow (7B01021-02) Water									
Calcium	27.5	0.810	mg/L	10	EB70612	02/06/07	02/06/07	EPA 6010B	
Magnesium	15.0	0.360	"	"	"	"	"	"	
Potassium	2.68	0.600	"	"	"	"	"	"	
Sodium	124	2.15	"	50	"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 4 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EB70703 - EPA 5030C (GC)

Blank (EB70703-BLK1)

Prepared: 02/07/07 Analyzed: 02/10/07

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	41.0		ug/l	50.0		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	43.5		"	50.0		87.0	80-120			

LCS (EB70703-BS1)

Prepared: 02/07/07 Analyzed: 02/09/07

Benzene	0.0524	0.00100	mg/L	0.0500		105	80-120			
Toluene	0.0527	0.00100	"	0.0500		105	80-120			
Ethylbenzene	0.0524	0.00100	"	0.0500		105	80-120			
Xylene (p/m)	0.111	0.00100	"	0.100		111	80-120			
Xylene (o)	0.0478	0.00100	"	0.0500		95.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	47.2		ug/l	50.0		94.4	80-120			
Surrogate: 4-Bromofluorobenzene	53.0		"	50.0		106	80-120			

Calibration Check (EB70703-CCV1)

Prepared: 02/07/07 Analyzed: 02/10/07

Benzene	55.4		ug/l	50.0		111	80-120			
Toluene	53.4		"	50.0		107	80-120			
Ethylbenzene	53.1		"	50.0		106	80-120			
Xylene (p/m)	110		"	100		110	80-120			
Xylene (o)	46.7		"	50.0		93.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	46.8		"	50.0		93.6	80-120			
Surrogate: 4-Bromofluorobenzene	55.8		"	50.0		112	80-120			

Matrix Spike (EB70703-MS1)

Source: 7B01020-01

Prepared: 02/07/07 Analyzed: 02/09/07

Benzene	0.0598	0.00100	mg/L	0.0500	ND	120	80-120			
Toluene	0.0587	0.00100	"	0.0500	ND	117	80-120			
Ethylbenzene	0.0579	0.00100	"	0.0500	ND	116	80-120			
Xylene (p/m)	0.125	0.00100	"	0.100	ND	125	80-120			M1
Xylene (o)	0.0550	0.00100	"	0.0500	ND	110	80-120			
Surrogate: a,a,a-Trifluorotoluene	51.3		ug/l	50.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	58.7		"	50.0		117	80-120			

Environmental Lab of Texas

A Xenco Laboratories Company

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.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EB70703 - EPA 5030C (GC)

Matrix Spike Dup (EB70703-MSD1)		Source: 7B01020-01			Prepared: 02/07/07 Analyzed: 02/10/07					
Benzene	0.0598	0.00100	mg/L	0.0500	ND	120	80-120	0.00	20	
Toluene	0.0593	0.00100	"	0.0500	ND	119	80-120	1.69	20	
Ethylbenzene	0.0599	0.00100	"	0.0500	ND	120	80-120	3.39	20	
Xylene (p/m)	0.128	0.00100	"	0.100	ND	128	80-120	2.37	20	MI
Xylene (o)	0.0562	0.00100	"	0.0500	ND	112	80-120	1.80	20	
Surrogate: a,a,a-Trifluorotoluene	52.6		ug/l	50.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	60.3		"	50.0		121	80-120			S-04

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 6 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EB70208 - General Preparation (WetChem)

Blank (EB70208-BLK1)

Prepared: 02/02/07 Analyzed: 02/03/07

Sulfate	0.459	0.500	mg/L							B, J
Chloride	ND	0.500	"							

LCS (EB70208-BS1)

Prepared: 02/02/07 Analyzed: 02/03/07

Chloride	10.7	0.500	mg/L	10.0		107	80-120			
Sulfate	11.6	0.500	"	10.0		116	80-120			

Calibration Check (EB70208-CCV1)

Prepared: 02/02/07 Analyzed: 02/03/07

Chloride	10.5		mg/L	10.0		105	80-120			
Sulfate	11.8		"	10.0		118	80-120			

Duplicate (EB70208-DUP1)

Source: 7B01017-01

Prepared: 02/02/07 Analyzed: 02/03/07

Sulfate	93.0	5.00	mg/L		96.4			3.59	20	
Chloride	127	5.00	"		132			3.86	20	

Duplicate (EB70208-DUP2)

Source: 7B01020-02

Prepared: 02/02/07 Analyzed: 02/03/07

Chloride	2220	50.0	mg/L		2240			0.897	20	
Sulfate	2410	50.0	"		2400			0.416	20	

Matrix Spike (EB70208-MS1)

Source: 7B01017-01

Prepared: 02/02/07 Analyzed: 02/03/07

Sulfate	204	5.00	mg/L	100	96.4	108	80-120			
Chloride	240	5.00	"	100	132	108	80-120			

Matrix Spike (EB70208-MS2)

Source: 7B01020-02

Prepared: 02/02/07 Analyzed: 02/03/07

Sulfate	3500	50.0	mg/L	1000	2400	110	80-120			
Chloride	3330	50.0	"	1000	2240	109	80-120			

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 7 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EB70209 - General Preparation (WetChem)

Blank (EB70209-BLK1)

Prepared & Analyzed: 02/02/07

Total Alkalinity ND 2.00 mg/L

Duplicate (EB70209-DUP1)

Source: 7B01016-01

Prepared & Analyzed: 02/02/07

Total Alkalinity 310 2.00 mg/L 314 1.28 20

Reference (EB70209-SRM1)

Prepared & Analyzed: 02/02/07

Total Alkalinity 246 mg/L 250 98.4 90-110

Batch EB70302 - Filtration Preparation

Blank (EB70302-BLK1)

Prepared: 02/02/07 Analyzed: 02/03/07

Total Dissolved Solids ND 10.0 mg/L

Duplicate (EB70302-DUP1)

Source: 7B01016-01

Prepared: 02/02/07 Analyzed: 02/03/07

Total Dissolved Solids 1920 10.0 mg/L 1840 4.26 20

Duplicate (EB70302-DUP2)

Source: 7B01020-01

Prepared: 02/02/07 Analyzed: 02/03/07

Total Dissolved Solids 6280 10.0 mg/L 5700 9.68 20

Environmental Lab of Texas

A Xenco Laboratories Company

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.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals 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 EB70612 - 6010B/No Digestion

Blank (EB70612-BLK1)

Prepared & Analyzed: 02/06/07

Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	"							
Sodium	ND	0.0430	"							

Calibration Check (EB70612-CCV1)

Prepared & Analyzed: 02/06/07

Calcium	1.79		mg/L	2.00		89.5	85-115			
Magnesium	1.98		"	2.00		99.0	85-115			
Potassium	1.80		"	2.00		90.0	85-115			
Sodium	1.74		"	2.00		87.0	85-115			

Duplicate (EB70612-DUP1)

Source: 7B01016-01

Prepared & Analyzed: 02/06/07

Calcium	172	4.05	mg/L		176			2.30	20	
Magnesium	111	1.80	"		109			1.82	20	
Potassium	17.0	0.600	"		16.8			1.18	20	
Sodium	306	4.30	"		305			0.327	20	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 9 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

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:



Date:

2/13/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 10 of 10

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

Client: Rice Dr.
Date/ Time: 2-1-07 15:42
Lab ID #: 1B0121
Initials: CK

Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	Yes	No	4.0 °C	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Yes	No		
#6	Sample instructions complete of Chain of Custody?	Yes	No		
#7	Chain of Custody signed when relinquished/ received?	Yes	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11	Containers supplied by ELOT?	Yes	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
#13	Samples properly preserved?	Yes	No	See Below	
#14	Sample bottles intact?	Yes	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	Not Applicable	
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

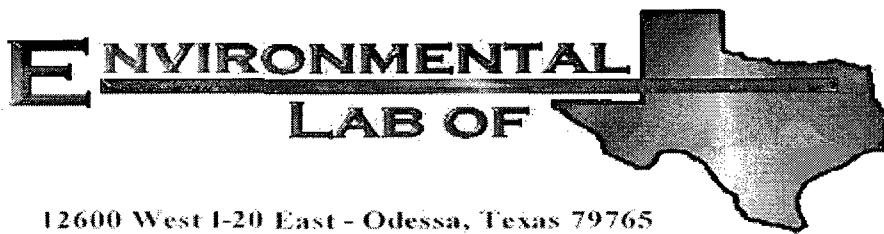
Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Kristin Farris-Pope

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: Hobbs Jct. F-29-1A

Project Number: None Given

Location: T18S R38E Sec29 F ~ Lea County New Mexico

Lab Order Number: 7D26011

Report Date: 05/07/07

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Monitor Well # 1- Deep	7D26011-01	Water	04/26/07 11:00	04-26-2007 16:25
Monitor Well # 2- Shallow	7D26011-02	Water	04/26/07 10:05	04-26-2007 16:25

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well # 1- Deep (7D26011-01) Water									
Benzene	ND	0.00100	mg/L	1	ED73007	04/30/07	05/01/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		108 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		"	"	"	"	
Monitor Well # 2- Shallow (7D26011-02) Water									
Benzene	ND	0.00100	mg/L	1	ED73007	04/30/07	05/01/07	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		108 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	80-120		"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 2 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well # 1- Deep (7D26011-01) Water									
Total Alkalinity	160	2.00	mg/L	1	ED73002	04/30/07	04/30/07	EPA 310.1M	
Chloride	279	5.00	"	10	EE70307	05/03/07	05/03/07	EPA 300.0	
Total Dissolved Solids	850	10.0	"	1	EE70209	04/27/07	05/02/07	EPA 160.1	
Sulfate	95.7	5.00	"	10	EE70307	05/03/07	05/03/07	EPA 300.0	
Monitor Well # 2- Shallow (7D26011-02) Water									
Total Alkalinity	232	2.00	mg/L	1	ED73002	04/30/07	04/30/07	EPA 310.1M	
Chloride	89.4	5.00	"	10	EE70307	05/03/07	05/03/07	EPA 300.0	
Total Dissolved Solids	556	10.0	"	1	EE70209	04/27/07	05/02/07	EPA 160.1	
Sulfate	107	5.00	"	10	EE70307	05/03/07	05/03/07	EPA 300.0	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 3 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Monitor Well # 1- Deep (7D26011-01) Water									
Calcium	181	4.05	mg/L	50	ED72704	04/27/07	04/27/07	EPA 6010B	
Magnesium	25.5	0.360	"	10	"	"	"	"	
Potassium	4.45	0.600	"	"	"	"	"	"	
Sodium	86.4	2.15	"	50	"	"	"	"	
Monitor Well # 2- Shallow (7D26011-02) Water									
Calcium	67.6	4.05	mg/L	50	ED72704	04/27/07	04/27/07	EPA 6010B	
Magnesium	14.9	0.360	"	10	"	"	"	"	
Potassium	2.03	0.600	"	"	"	"	"	"	
Sodium	117	2.15	"	50	"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 4 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 ED73007 - EPA 5030C (GC)

Blank (ED73007-BLK1)

Prepared & Analyzed: 04/30/07

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	51.7		ug/l	50.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	52.3		"	50.0		105	80-120			

LCS (ED73007-BS1)

Prepared & Analyzed: 04/30/07

Benzene	0.0564	0.00100	mg/L	0.0500		113	80-120			
Toluene	0.0571	0.00100	"	0.0500		114	80-120			
Ethylbenzene	0.0575	0.00100	"	0.0500		115	80-120			
Xylene (p/m)	0.106	0.00100	"	0.100		106	80-120			
Xylene (o)	0.0575	0.00100	"	0.0500		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	55.4		ug/l	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	54.8		"	50.0		110	80-120			

Calibration Check (ED73007-CCV1)

Prepared: 04/30/07 Analyzed: 05/01/07

Benzene	0.0547		mg/L	0.0500		109	80-120			
Toluene	0.0555		"	0.0500		111	80-120			
Ethylbenzene	0.0550		"	0.0500		110	80-120			
Xylene (p/m)	0.102		"	0.100		102	80-120			
Xylene (o)	0.0566		"	0.0500		113	80-120			
Surrogate: a,a,a-Trifluorotoluene	53.8		ug/l	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.8		"	50.0		108	80-120			

Matrix Spike (ED73007-MS1)

Source: 7D26012-01

Prepared: 04/30/07 Analyzed: 05/01/07

Benzene	0.0565	0.00100	mg/L	0.0500	ND	113	80-120			
Toluene	0.0568	0.00100	"	0.0500	ND	114	80-120			
Ethylbenzene	0.0549	0.00100	"	0.0500	ND	110	80-120			
Xylene (p/m)	0.105	0.00100	"	0.100	ND	105	80-120			
Xylene (o)	0.0577	0.00100	"	0.0500	ND	115	80-120			
Surrogate: a,a,a-Trifluorotoluene	54.0		ug/l	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	53.6		"	50.0		107	80-120			

Environmental Lab of Texas

A Xenco Laboratories Company

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.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 ED73007 - EPA 5030C (GC)

Matrix Spike Dup (ED73007-MSD1)

Source: 7D26012-01

Prepared: 04/30/07 Analyzed: 05/01/07

Benzene	0.0542	0.00100	mg/L	0.0500	ND	108	80-120	4.52	20	
Toluene	0.0551	0.00100	"	0.0500	ND	110	80-120	3.57	20	
Ethylbenzene	0.0561	0.00100	"	0.0500	ND	112	80-120	1.80	20	
Xylene (p/m)	0.102	0.00100	"	0.100	ND	102	80-120	2.90	20	
Xylene (o)	0.0557	0.00100	"	0.0500	ND	111	80-120	3.54	20	
Surrogate: a,a,a-Trifluorotoluene	52.7		ug/l	50.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	52.8		"	50.0		106	80-120			

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 6 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jet. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 ED73002 - General Preparation (WetChem)

Blank (ED73002-BLK1)

Prepared & Analyzed: 04/30/07

Total Alkalinity ND 2.00 mg/L

LCS (ED73002-BS1)

Prepared & Analyzed: 04/30/07

Total Alkalinity 0.00 2.00 mg/L 85-115

Bicarbonate Alkalinity 180 2.00 " 200 90.0 85-115

Duplicate (ED73002-DUP1)

Source: 7D26006-01

Prepared & Analyzed: 04/30/07

Total Alkalinity 214 2.00 mg/L 218 1.85 20

Bicarbonate Alkalinity 0.00 2.00 " 0.00 20

Reference (ED73002-SRM1)

Prepared & Analyzed: 04/30/07

Total Alkalinity 256 mg/L 250 102 90-110

Batch EE70209 - General Preparation (WetChem)

Blank (EE70209-BLK1)

Prepared: 04/27/07 Analyzed: 05/02/07

Total Dissolved Solids ND 10.0 mg/L

Duplicate (EE70209-DUP1)

Source: 7D26007-01

Prepared: 04/27/07 Analyzed: 05/02/07

Total Dissolved Solids 1500 10.0 mg/L 1470 2.02 20

Duplicate (EE70209-DUP2)

Source: 7D26009-01

Prepared: 04/27/07 Analyzed: 05/02/07

Total Dissolved Solids 712 10.0 mg/L 684 4.01 20

Batch EE70307 - General Preparation (WetChem)

Blank (EE70307-BLK1)

Prepared & Analyzed: 05/03/07

Chloride ND 0.500 mg/L

Sulfate ND 0.500 "

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 7 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

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 EE70307 - General Preparation (WetChem)										
LCS (EE70307-BS1)				Prepared & Analyzed: 05/03/07						
Chloride	9.62	0.500	mg/L	10.0		96.2	80-120			
Sulfate	10.0	0.500	"	10.0		100	80-120			
Calibration Check (EE70307-CCV1)				Prepared & Analyzed: 05/03/07						
Sulfate	11.6		mg/L	10.0		116	80-120			
Chloride	8.93		"	10.0		89.3	80-120			
Duplicate (EE70307-DUP1)				Source: 7D26006-01		Prepared & Analyzed: 05/03/07				
Sulfate	342	12.5	mg/L		339			0.881	20	
Chloride	941	50.0	"		917			2.58	20	
Duplicate (EE70307-DUP2)				Source: 7D26010-01		Prepared & Analyzed: 05/03/07				
Sulfate	74.1	5.00	mg/L		75.5			1.87	20	
Chloride	93.1	5.00	"		94.3			1.28	20	
Matrix Spike (EE70307-MS1)				Source: 7D26006-01		Prepared & Analyzed: 05/03/07				
Sulfate	728	12.5	mg/L	250	339	156	80-120			MI
Matrix Spike (EE70307-MS2)				Source: 7D26010-01		Prepared & Analyzed: 05/03/07				
Chloride	278	5.00	mg/L	100	94.3	184	80-120			MI
Sulfate	204	5.00	"	100	75.5	128	80-120			MI
Matrix Spike (EE70307-MS3)				Source: 7D26006-01		Prepared & Analyzed: 05/03/07				
Chloride	1800	50.0	mg/L	1000	917	88.3	80-120			

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 8 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Total Metals 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 ED72704 - 6010B/No Digestion

Blank (ED72704-BLK1)

Prepared & Analyzed: 04/27/07

Calcium	ND	0.0810	mg/L							
Magnesium	ND	0.0360	"							
Potassium	ND	0.0600	"							
Sodium	ND	0.0430	"							

Calibration Check (ED72704-CCV1)

Prepared & Analyzed: 04/27/07

Calcium	2.13		mg/L	2.00		106	85-115			
Magnesium	2.15		"	2.00		108	85-115			
Potassium	2.14		"	2.00		107	85-115			
Sodium	1.98		"	2.00		99.0	85-115			

Duplicate (ED72704-DUP1)

Source: 7D23010-01

Prepared & Analyzed: 04/27/07

Calcium	44.1	0.810	mg/L		42.4			3.93	20	
Magnesium	43.0	0.360	"		42.4			1.41	20	
Potassium	22.7	0.600	"		22.1			2.68	20	
Sodium	41.9	0.430	"		40.8			2.66	20	

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 9 of 10

Rice Operating Co.
122 W. Taylor
Hobbs NM, 88240

Project: Hobbs Jct. F-29-1A
Project Number: None Given
Project Manager: Kristin Farris-Pope

Fax: (505) 397-1471

Notes and Definitions

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
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:



Date:

5/7/2007

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

Environmental Lab of Texas

A Xenco Laboratories Company

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.

Page 10 of 10

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

Client: Rice
Date/ Time: 4-26-07 4:25
Lab ID #: 7026011
Initials: CL

Sample Receipt Checklist

Client Initials

#1 Temperature of container/ cooler?	<u>Yes</u>	No	<u>-1.0</u> °C	
#2 Shipping container in good condition?	<u>Yes</u>	No		
#3 Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	Not Present	
#4 Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present	
#5 Chain of Custody present?	<u>Yes</u>	No		
#6 Sample instructions complete of Chain of Custody?	<u>Yes</u>	No		
#7 Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No		
#8 Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No		
#11 Containers supplied by ELOT?	<u>Yes</u>	No		
#12 Samples in proper container/ bottle?	<u>Yes</u>	No	See Below	
#13 Samples properly preserved?	<u>Yes</u>	No	See Below	
#14 Sample bottles intact?	<u>Yes</u>	No		
#15 Preservations documented on Chain of Custody?	<u>Yes</u>	No		
#16 Containers documented on Chain of Custody?	<u>Yes</u>	No		
#17 Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below	
#18 All samples received within sufficient hold time?	<u>Yes</u>	No	See Below	
#19 Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>	
#20 VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable	

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event

Analytical Report 287160

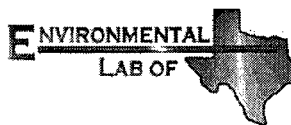
for

Rice Operating Co.

Project Manager: Kristin Pope

Hobbs Junction F-29-1A

13-AUG-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

NELAC certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



13-AUG-07

Project Manager: **Kristin Pope**
Rice Operating Co.
122 West Taylor
Hobbs, NM 88240

Reference: XENCO Report No: **287160**
Hobbs Junction F-29-1A
Project Address: T18S R38E Sec29 F E ~ Lea County New Mexico

Kristin Pope:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 287160. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report N287160 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



Certificate of Analysis Summary 287160

Rice Operating Co., Hobbs, NM



Project Name: Hobbs Junction F-29-1A

Project Id:

Date Received in Lab Aug-02-07 12:50 pm

Contact: Kristin Pope

Report Date: 13-AUG-07


Project Location: T18S R38E Sec29 F E ~ Lea County New

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	287160-001	287160-002		
	Field Id:	Monitor Well # 1-Deep	Monitor Well # 2-Shallow		
	Depth:				
	Matrix:	WATER	WATER		
	Sampled:	Aug-01-07 10:25	Aug-01-07 09:10		
Alkalinity by EPA 310.1	Extracted:				
	Analyzed:	Aug-07-07 13:00	Aug-07-07 13:00		
	Units/RL:	mg/L RL	mg/L RL		
Alkalinity, Total (as CaCO3)		188 4.00	240 4.00		
BTEX by EPA 8021B	Extracted:	Aug-02-07 16:55	Aug-02-07 16:55		
	Analyzed:	Aug-05-07 19:23	Aug-05-07 19:44		
	Units/RL:	mg/L RL	mg/L RL		
Benzene		ND 0.0010	ND 0.0010		
Toluene		ND 0.0010	ND 0.0010		
Ethylbenzene		ND 0.0010	ND 0.0010		
m,p-Xylene		ND 0.0020	ND 0.0020		
o-Xylene		ND 0.0010	ND 0.0010		
Total Xylenes		ND	ND		
Total BTEX		ND	ND		
Inorganic Anions by EPA 300	Extracted:				
	Analyzed:	Aug-07-07 11:48	Aug-07-07 11:48		
	Units/RL:	mg/L RL	mg/L RL		
Chloride		263 10.0	27.2 5.00		
Sulfate		102 10.0	26.2 5.00		
Metals per ICP by SW846 6010B	Extracted:				
	Analyzed:	Aug-03-07 14:39	Aug-03-07 14:39		
	Units/RL:	mg/L RL	mg/L RL		
Calcium		197 0.100	76.8 0.100		
Magnesium		18.5 0.010	12.4 0.010		
Potassium		3.52 0.500	2.23 0.500		
Sodium		69.1 0.500	111 0.500		
Residue, Filterable (TDS) by EPA 160.1	Extracted:				
	Analyzed:	Aug-06-07 16:20	Aug-06-07 16:20		
	Units/RL:	mg/L RL	mg/L RL		
Total dissolved solids		1160 5.00	592 5.00		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America


Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: Hobbs Junction F-29-1A



Work Order #: 287160

Project ID:

Lab Batch #: 701934

Sample: 287160-001 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery % R [D]	Control Limits % R	Flags
Analytes					
4-Bromofluorobenzene	0.0436	0.0500	87	80-120	

Lab Batch #: 701934

Sample: 287160-002 / SMP

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery % R [D]	Control Limits % R	Flags
Analytes					
4-Bromofluorobenzene	0.0403	0.0500	81	80-120	

Lab Batch #: 701934

Sample: 287160-002 S / MS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery % R [D]	Control Limits % R	Flags
Analytes					
4-Bromofluorobenzene	0.0495	0.0500	99	80-120	

Lab Batch #: 701934

Sample: 287160-002 SD / MSD

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery % R [D]	Control Limits % R	Flags
Analytes					
4-Bromofluorobenzene	0.0457	0.0500	91	80-120	

Lab Batch #: 701934

Sample: 497877-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery % R [D]	Control Limits % R	Flags
Analytes					
4-Bromofluorobenzene	0.0497	0.0500	99	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Hobbs Junction F-29-1A



Work Order #: 287160

Lab Batch #: 701934

Sample: 497877-1-BLK / BLK

Project ID:

Batch: 1 Matrix: Water

Units: mg/L

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery % R [D]	Control Limits % R	Flags
4-Bromofluorobenzene	0.0467	0.0500	93	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.

Project Name: Hobbs Junction F-29-1A

Work Order #: 287160

Project ID:

Lab Batch #: 701789
Date Analyzed: 08/07/2007
Reporting Units: mg/L

Sample: 701789-1-BKS
Date Prepared: 08/07/2007

Matrix: Water
Analyst: WRU

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Alkalinity by EPA 310.1	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike % R [D]	Control Limits % R	Flags
Analytes						
Alkalinity, Total (as CaCO ₃)	ND	200	194	97	80-120	

Lab Batch #: 701934
Date Analyzed: 08/05/2007
Reporting Units: mg/L

Sample: 497877-1-BKS
Date Prepared: 08/04/2007

Matrix: Water
Analyst: CELKEE

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by EPA 8021B	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike % R [D]	Control Limits % R	Flags
Analytes						
Benzene	ND	0.0500	0.0512	102	70-125	
Toluene	ND	0.0500	0.0531	106	70-125	
Ethylbenzene	ND	0.0500	0.0573	115	71-129	
m,p-Xylene	ND	0.1000	0.1029	103	70-131	
o-Xylene	ND	0.0500	0.0554	111	71-133	

Lab Batch #: 701864
Date Analyzed: 08/07/2007
Reporting Units: mg/L

Sample: 701864-1-BKS
Date Prepared: 08/07/2007

Matrix: Water
Analyst: IRO

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike % R [D]	Control Limits % R	Flags
Analytes						
Chloride	ND	10.0	9.03	90	90-110	
Sulfate	ND	10.0	9.63	96	90-110	

Lab Batch #: 701571
Date Analyzed: 08/03/2007
Reporting Units: mg/L

Sample: 701571-1-BKS
Date Prepared: 08/03/2007

Matrix: Water
Analyst: LATCOR

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Metals per ICP by SW846 6010B	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike % R [D]	Control Limits % R	Flags
Analytes						
Calcium	ND	2.00	1.83	92	75-125	
Magnesium	ND	2.00	2.08	104	75-125	
Potassium	ND	2.00	2.28	114	75-125	
Sodium	ND	2.00	1.94	97	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
 All results are based on MDL and validated for QC purposes.



Form 3 - MS Recoveries

Project Name: Hobbs Junction F-29-1A



Work Order #: 287160

Lab Batch #: 701864

Date Analyzed: 08/07/2007

QC- Sample ID: 287159-003 S

Reporting Units: mg/L

Date Prepared: 08/07/2007

Batch #: 1

Project ID:

Analyst: IRO

Matrix: Water

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Chloride	548	250	862	126	90-110	X

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$

Relative Percent Difference [E] = $200 \times (C-A)/(C+B)$

All Results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries



Project Name: Hobbs Junction F-29-1A

Work Order # 287160

Lab Batch ID: 701934

Date Analyzed: 08/05/2007

Reporting Units: mg/L

Project ID:

QC- Sample ID: 287160-002 S Batch #: 1 Matrix: Water

Date Prepared: 08/04/2007 Analyst: CELKEE

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	Benzene	ND	0.0500	0.0510	102	0.0500	0.0510	102	0	70-125	25
	Toluene	ND	0.0500	0.0528	106	0.0500	0.0528	106	0	70-125	25
	Ethylbenzene	ND	0.0500	0.0573	115	0.0500	0.0562	112	3	71-129	25
	m,p-Xylene	ND	0.1000	0.1023	102	0.1000	0.0994	99	3	70-131	25
	o-Xylene	ND	0.0500	0.0554	111	0.0500	0.0536	107	4	71-133	25

Matrix Spike Percent Recovery $[D] = 100 \times (C-A)/B$
Relative Percent Difference $RPD = 200 \times (D-G)/(D+G)$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery $[G] = 100 \times (F-A)/E$



Sample Duplicate Recovery



Project Name: Hobbs Junction F-29-1A

Work Order #: 287160

Lab Batch #: 701789

Date Analyzed: 08/07/2007

QC- Sample ID: 287122-001 D

Reporting Units: mg/L

Project ID:

Analyst: WRU

Date Prepared: 08/07/2007

Batch #: 1

Matrix: Water

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Alkalinity by EPA 310.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Alkalinity, Total (as CaCO ₃)	216	216	0	20	

Lab Batch #: 701571

Date Analyzed: 08/03/2007

QC- Sample ID: 287179-001 D

Reporting Units: mg/L

Date Prepared: 08/03/2007

Analyst: LATCOR

Batch #: 1

Matrix: Water

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Metals per ICP by SW846 6010B	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Calcium	301	285	5	25	
Magnesium	120	134	11	25	
Potassium	20.1	15.8	24	25	
Sodium	284	265	7	25	

Lab Batch #: 701790

Date Analyzed: 08/06/2007

QC- Sample ID: 287122-001 D

Reporting Units: mg/L

Date Prepared: 08/06/2007

Analyst: IRO

Batch #: 1

Matrix: Water

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Residue, Filterable (TDS) by EPA 160.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Total dissolved solids	754	784	4	30	

Lab Batch #: 701790

Date Analyzed: 08/06/2007

QC- Sample ID: 287348-002 D

Reporting Units: mg/L

Date Prepared: 08/06/2007

Analyst: IRO

Batch #: 1

Matrix: Water

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Residue, Filterable (TDS) by EPA 160.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Total dissolved solids	6250	6290	1	30	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
All Results are based on MDL and validated for QC purposes.

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

Client: Rice
Date/ Time: 8-2-07 12:50
Lab ID #: 287160
Initials: AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>1.3</u> °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELDT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>
#20	VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply:
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: KRISTIN FARRIS-POPE
122 W. TAYLOR STREET
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 10/22/07
Reporting Date: 10/26/07
Project Number: NOT GIVEN
Project Name: HOBBS JUNCTION F-29-1A
Project Location: T18S-R38E-SEC29 F~LEA COUNTY, NM

Sampling Date: 10/19/07
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: SB
Analyzed By: HM/KS

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (μ S/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		10/26/07	10/25/07	10/25/07	10/25/07	10/24/07	10/24/07
H13553-1	M.W. #1~DEEP	84	174	22.6	2.65	1,472	168
H13553-2	M.W. #2~SHALLOW	105	71.9	17.7	1.11	955	212
Quality Control		NR	49.2	51.6	2.73	1,386	NR
True Value QC		NR	50.0	50.0	3.00	1,404	NR
% Recovery		NR	98.4	103	91.0	98.7	NR
Relative Percent Difference		NR	< 0.1	< 0.1	6.7	1.3	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
----------	-------------	-----------	------	-------	-------

		Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:		10/25/07	10/26/07	10/24/07	10/24/07	10/24/07	10/24/07
H13553-1	M.W. #1~DEEP	292	130	0	205	7.37	1,047
H13553-2	M.W. #2~SHALLOW	100	125	0	259	7.55	624
Quality Control		500	23.5	NR	1000	6.97	NR
True Value QC		500	25.0	NR	1000	7.00	NR
% Recovery		100	93.9	NR	100	99.6	NR
Relative Percent Difference		2.0	12.5	NR	1.2	0.1	NR

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
----------	-------------	-------	-------	-------	-------	-------

Kristin Suprobo
Chemist

10/26/07
Date



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: KRISTIN FARRIS-POPE
122 WEST TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 10/22/07
Reporting Date: 10/24/07
Project Number: NOT GIVEN
Project Name: HOBBS JUNCTION F-29-1A
Project Location: T18S R38E SEC29 F - LEA COUNTY, NM

Sampling Date: 10/19/07
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: SB
Analyzed By: CK

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		10/23/07	10/23/07	10/23/07	10/23/07
H13553-1	MONITOR WELL #1 - DEEP	<0.001	<0.001	<0.001	<0.003
H13553-2	MONITOR WELL #2 - SHALLOW	<0.001	<0.001	<0.001	<0.003
Quality Control		0.106	0.101	0.102	0.310
True Value QC		0.100	0.100	0.100	0.300
% Recovery		106	101	102	103
Relative Percent Difference		1.8	1.0	1.9	1.0

METHOD: EPA SW-846 8021B

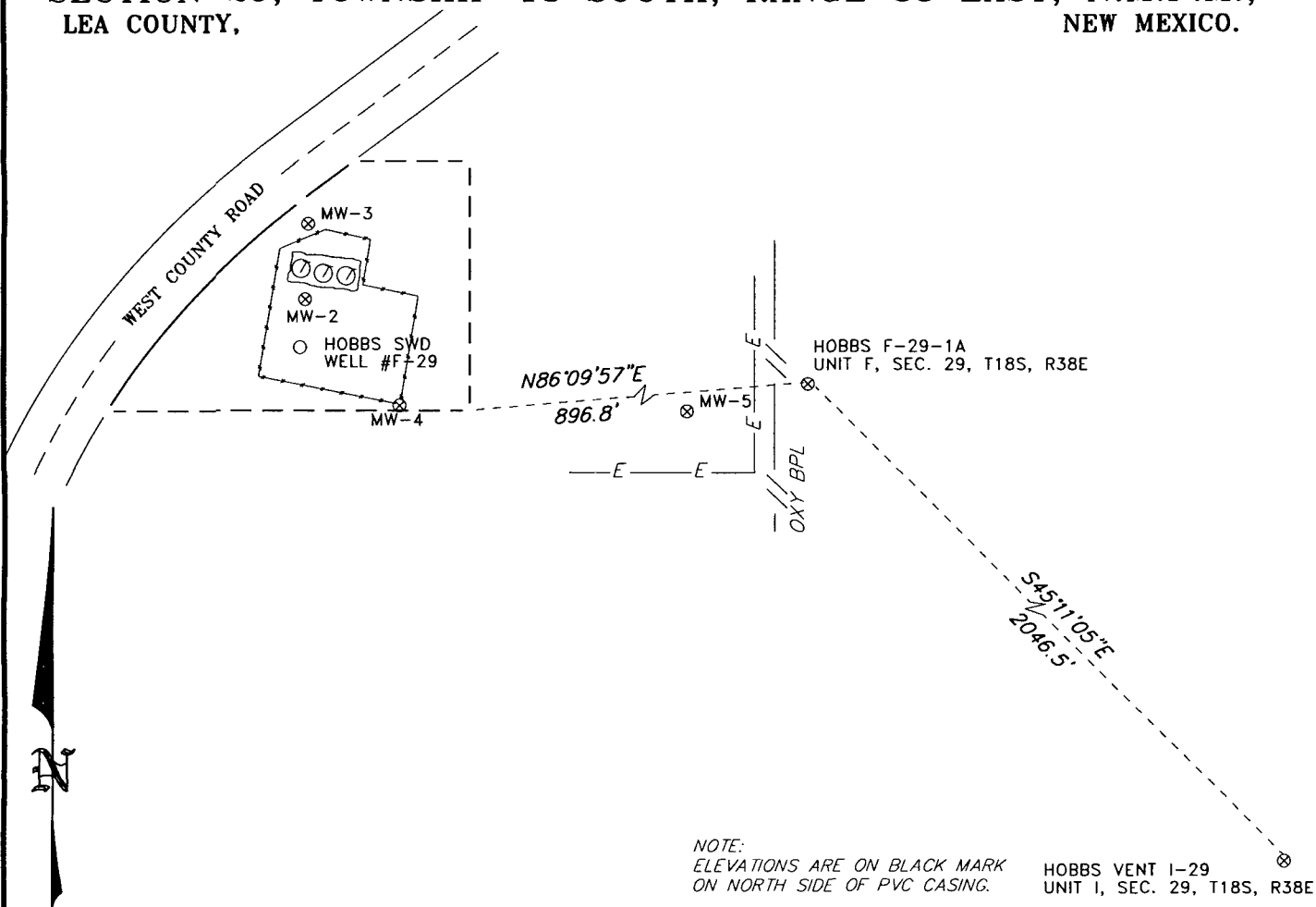
Chemist

Date

H13553b Rice

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.

SECTION 29, TOWNSHIP 18 SOUTH, RANGE 38 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



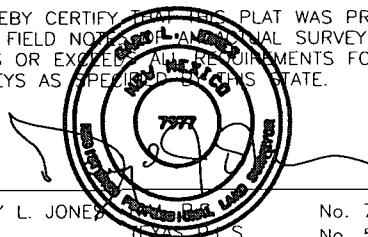
NOTE:
ELEVATIONS ARE ON BLACK MARK
ON NORTH SIDE OF PVC CASING.

HOBBS VENT 1-29
UNIT 1, SEC. 29, T18S, R38E

NEW MEXICO STATE PLANE COORDINATES (NAD83)

WELL	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
MW-2	627819.025	898021.191	N 32°43'14.0"	W 103°10'24.9"	3645.71'
MW-3	627908.779	898025.082	N 32°43'14.9"	W 103°10'24.8"	3645.76'
MW-4	627693.822	898134.408	N 32°43'12.7"	W 103°10'23.6"	3645.76'
MW-5	627687.313	898477.159	N 32°43'12.7"	W 103°10'19.5"	3646.74' PVC 3644.37'-GRND
HOBBS F-29-1A MARK ON NORTH SIDE OF NORTH 2" PVC	627753.789	899029.184	N 32°43'13.2"	W 103°10'13.1"	3648.89' 3645.5'-GRND
HOBBS F-29-1A MARK ON NORTH SIDE OF SOUTH 2" PVC	627753.579	899029.160	N 32°43'13.2"	W 103°10'13.1"	3648.76' 3645.5'-GRND
HOBBS VENT 1-29 MARK ON NORTH SIDE OF 2" PVC	626311.386	900480.915	N 32°42'58.8"	W 103°09'56.3"	3650.65' 3647.6'-GRND

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED
FROM FIELD NOTES AND ORIGINAL SURVEY AND
MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND
SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES No. 7977
LEA COUNTY, N.M. No. 5074

200 0 200 400 FEET

RICE OPERATING COMPANY

REF: MONITOR WELLS

MONITOR WELLS LOCATED IN

SECTION 29, TOWNSHIP 18 SOUTH, RANGE 38 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: RICE Drawn By: K. GOAD

Date: 02-11-2005 Disk: KJG CD#4 - RICEB.DWG

Survey Date: VARIES

Sheet 1 of 1 Sheets