

1R - 427 - 175

REPORTS

DATE:

12-8-05

EME Amerada state O
Boat EOL

1R0427-175

Disclosure Report

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

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	Amerada St. 'D' boot EOL	C	1	20S	36E	Lea	Length	Width	Depth
							no box--eliminated		

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

Depth to Groundwater 40 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/23/2005 Date Completed 7/14/2005 NMOCD Witness no

Soil Excavated 44 cubic yards Excavation Length 10 Width 10 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 7/6/2005 Sample Depth 12 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	54.8	251	784	1690
BOTTOM COMP.	28.1	821	2010	1960
REMEDI. BACKFILL	20.7	230	2260	1610

General Description of Remedial Action: This End-Of-Line (EOL) junction box contained a boot. The junction was eliminated as part of the pipeline replacement program. The junction and box was removed and the location was re-plumbed with a new pipeline. A backhoe was used to conduct delineation trenches at the former junction site. Soil samples were collected at regular intervals and were field tested for chloride and screened using a PID. Chloride concentrations did not relent with depth throughout the 10 x 10 x 12-ft excavation. Soil samples exhibited signs of hydrocarbon impact and lab analysis on the final excavation samples confirmed that NMOCD TPH guidelines were not met. The excavated soil was blended on site and then backfilled into the excavation. The disturbed surface was seeded with a blend of native vegetation. An identification plate has been placed on the surface of the former junction site to mark the site for future environmental considerations. NMOCD has been notified of potential groundwater impact at this site.

LOCATION	DEPTH (ft)	ppm
delineation trench at junction	3	1634
	4	1554
	5	1447
	6	1159
	7	1072
	8	734
	9	1621
	10	2430
	11	2999
	12	2979
5 ft SOUTH of junction	1	786
	2	962
	3	1425
	4	1238
	5	1825
	6	2532
	7	2313
	8	2001
	9	1882
	10	2005
	11	2909
	12	2138
4-wall comp.	n/a	1619
bottom comp.	12	1785
backfill comp.	n/a	1082

ADDITIONAL EVALUATION IS HIGH PRIORITY

enclosures: chloride graphs, photos, lab results, PID field screenings

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

SITE SUPERVISOR Jorge Hernandez SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 12/8/2005 TITLE Project Scientist

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

EME Amerada St. 'D' boot EOL

Unit 'C', Sec. 1, T20S, R36E



undisturbed junction box

10/28/2004



delineation & excavation

6/23/2005



backfilling excavation

7/14/2005



identification plate on surface of backfilled site

7/14/2005



seeding disturbed surface

11/21/2005

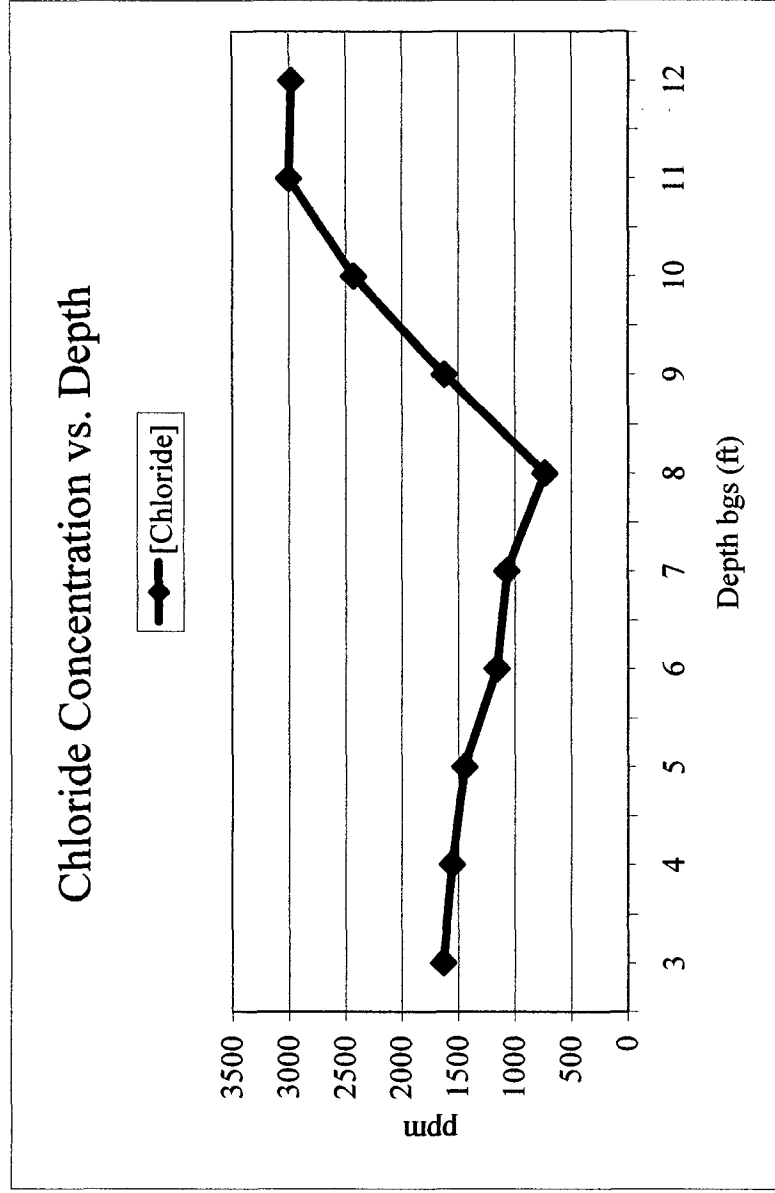
EME Amerada St. 'D' boot EOL

Unit 'C', Sec. 1, T20S, R36E

Vertical Delineation at Junction

Depth bgs (ft)	[Cl ⁻] ppm
3	1634
4	1554
5	1447
6	1159
7	1072
8	734
9	1621
10	2430
11	2999
12	2979

Groundwater = 40 ft



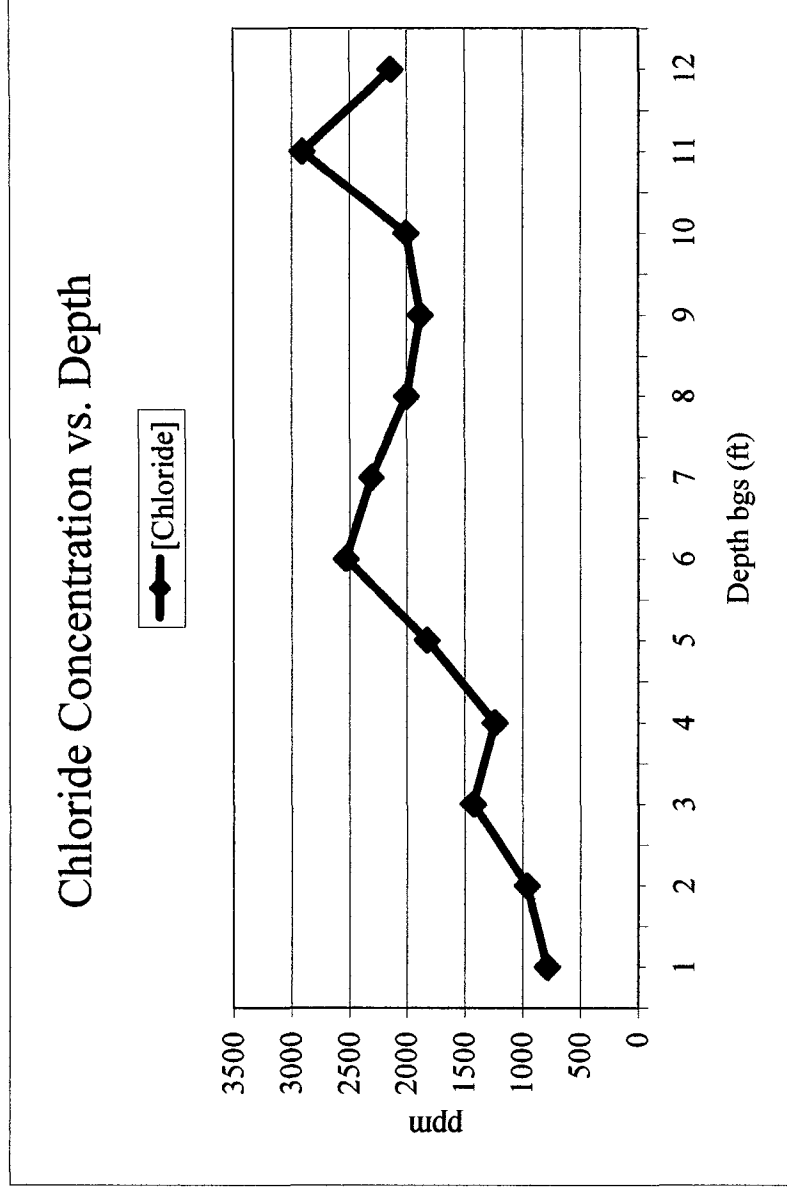
EME Amerada St. 'D' boot EOL

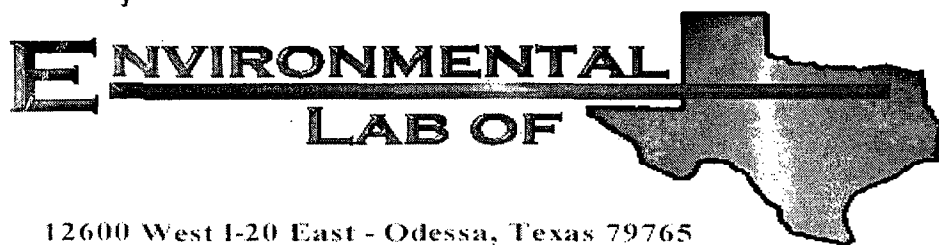
Unit 'C', Sec. 1, T20S, R36E

5 ft SOUTH of junction

Depth bgs (ft)	[Cl ⁻] ppm
1	786
2	962
3	1425
4	1238
5	1825
6	2532
7	2313
8	2001
9	1882
10	2005
11	2909
12	2138

Groundwater = 40 ft





COPY

Analytical Report

Prepared for:

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

Project: EME Amerada St. D Boot

Project Number: None Given

Location: None Given

Lab Order Number: 5G07002

Report Date: 07/11/05

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

Project: EME Amerada St. D Boot
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/11/05 09:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom @ 12'	5G07002-01	Soil	07/06/05 08:43	07/06/05 17:20
Remediate Backfill	5G07002-02	Soil	07/06/05 09:10	07/06/05 17:20
4-Wall Compsite	5G07002-03	Soil	07/06/05 09:15	07/06/05 17:20

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

Project: EME Amerada St. D Boot
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/11/05 09:14

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom @ 12' (5G07002-01) Soil									
Gasoline Range Organics C6-C12	821	10.0	mg/kg dry	1	EG50709	07/07/05	07/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	2010	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	2830	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		120 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		106 %	70-130		"	"	"	"	
Remediate Backfill (5G07002-02) Soil									
Gasoline Range Organics C6-C12	230	10.0	mg/kg dry	1	EG50709	07/07/05	07/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	2260	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	2490	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		103 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		122 %	70-130		"	"	"	"	
4-Wall Compsite (5G07002-03) Soil									
Gasoline Range Organics C6-C12	251	10.0	mg/kg dry	1	EG50709	07/07/05	07/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	784	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1040	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		96.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		105 %	70-130		"	"	"	"	

Environmental Lab of Texas

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 6

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

Project: EME Amerada St. D Boot
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/11/05 09:14

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom @ 12' (5G07002-01) Soil									
Chloride	1960	25.0	mg/kg	50	EG51104	07/08/05	07/08/05	EPA 300.0	
% Moisture	19.0	0.1	%	1	EG50801	07/07/05	07/08/05	% calculation	
Remediate Backfill (5G07002-02) Soil									
Chloride	1610	25.0	mg/kg	50	EG51104	07/08/05	07/08/05	EPA 300.0	
% Moisture	8.5	0.1	%	1	EG50801	07/07/05	07/08/05	% calculation	
4-Wall Compsite (5G07002-03) Soil									
Chloride	1690	25.0	mg/kg	50	EG51104	07/08/05	07/08/05	EPA 300.0	
% Moisture	11.0	0.1	%	1	EG50801	07/07/05	07/08/05	% calculation	

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

Project: EME Amerada St. D Boot
Project Number: None Given
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Fax: (505) 397-1471

Reported:
07/11/05 09:14

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
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Batch EG50709 - Solvent Extraction (GC)

Blank (EG50709-BLK1)

Prepared & Analyzed: 07/07/05

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	39.4		mg/kg	50.0		78.8	70-130			
Surrogate: 1-Chlorooctadecane	38.9		"	50.0		77.8	70-130			

LCS (EG50709-BS1)

Prepared & Analyzed: 07/07/05

Gasoline Range Organics C6-C12	382	10.0	mg/kg wet	500		76.4	75-125			
Diesel Range Organics >C12-C35	475	10.0	"	500		95.0	75-125			
Total Hydrocarbon C6-C35	857	10.0	"	1000		85.7	75-125			
Surrogate: 1-Chlorooctane	46.2		mg/kg	50.0		92.4	70-130			
Surrogate: 1-Chlorooctadecane	41.5		"	50.0		83.0	70-130			

Calibration Check (EG50709-CCV1)

Prepared: 07/07/05 Analyzed: 07/08/05

Gasoline Range Organics C6-C12	497		mg/kg	500		99.4	80-120			
Diesel Range Organics >C12-C35	556		"	500		111	80-120			
Total Hydrocarbon C6-C35	1050		"	1000		105	80-120			
Surrogate: 1-Chlorooctane	57.0		"	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	51.7		"	50.0		103	70-130			

Matrix Spike (EG50709-MS1)

Source: 5G07001-01

Prepared: 07/07/05 Analyzed: 07/08/05

Gasoline Range Organics C6-C12	557	10.0	mg/kg dry	570	ND	97.7	75-125			
Diesel Range Organics >C12-C35	648	10.0	"	570	ND	114	75-125			
Total Hydrocarbon C6-C35	1210	10.0	"	1140	ND	106	75-125			
Surrogate: 1-Chlorooctane	64.2		mg/kg	50.0		128	70-130			
Surrogate: 1-Chlorooctadecane	58.6		"	50.0		117	70-130			

Matrix Spike Dup (EG50709-MSD1)

Source: 5G07001-01

Prepared: 07/07/05 Analyzed: 07/08/05

Gasoline Range Organics C6-C12	558	10.0	mg/kg dry	570	ND	97.9	75-125	0.179	20	
Diesel Range Organics >C12-C35	662	10.0	"	570	ND	116	75-125	2.14	20	
Total Hydrocarbon C6-C35	1220	10.0	"	1140	ND	107	75-125	0.823	20	
Surrogate: 1-Chlorooctane	64.3		mg/kg	50.0		129	70-130			
Surrogate: 1-Chlorooctadecane	59.2		"	50.0		118	70-130			

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

Project: EME Amerada St. D Boot
Project Number: None Given
Project Manager: Roy Rascon

Fax: (505) 397-1471

Reported:
07/11/05 09:14

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
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Batch EG50801 - General Preparation (Prep)

Blank (EG50801-BLK1) Prepared: 07/07/05 Analyzed: 07/08/05

% Moisture ND 0.1 %

Duplicate (EG50801-DUP1) Source: 5G07001-01 Prepared: 07/07/05 Analyzed: 07/08/05

% Moisture 14.2 0.1 % 12.3 14.3 20

Batch EG51104 - Water Extraction

Blank (EG51104-BLK1) Prepared & Analyzed: 07/08/05

Chloride ND 0.500 mg/kg

LCS (EG51104-BS1) Prepared & Analyzed: 07/08/05

Chloride 10.7 mg/L 10.0 107 80-120

Calibration Check (EG51104-CCV1) Prepared & Analyzed: 07/08/05

Chloride 10.9 mg/L 10.0 109 80-120

Duplicate (EG51104-DUP1) Source: 5G07001-01 Prepared & Analyzed: 07/08/05

Chloride 85.2 5.00 mg/kg 85.4 0.234 20

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

Project: EME Amerada St. D Boot
Project Number: None Given
Project Manager: Roy Rascon

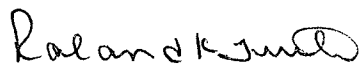
Fax: (505) 397-1471

Reported:
07/11/05 09:14

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:



Date:

7-11-05

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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Environmental Lab of Texas

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Page 6 of 6

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating Co.

Date/Time: 07-06-05 @ 1720

Order #: 56107002

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	0.0	C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present	
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not present	
Chain of custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	

Other observations:

Variance Documentation:

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

Corrective Action Taken:

10 x 10 x 12 ft excavation

Rice Operating Company

HOBBS, NEW MEXICO 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MODEL NO: PGM 76IS

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE AIR

SERIAL NO: 104412

100 PPM

BALANCE

FILL DATE: 2-1-05

ACCURACY: $\pm 2\%$

LOT NO: 04-2747

EXP. DATE: 8-1-06

METER READING

ACCURACY: _____

All composite
samples

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME AMERADA	st 'D' foot	C	1	20 S	36 E

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Bottom Composite @ 12' 28.1			
5' North wall	46.9		
5' South wall	11.4		
5' East wall	25.2		
5' West wall	20.8		
Immediate Backfill	20.7		
4-wall Composite	54.8		

I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

Signature

[Handwritten Signature]

Date

7-6-05