

1R - 427-250

**REPORTS**

**DATE:**

10-20-08

EME Jct L-4 Boot

1/R427-250

RECEIVED  
MAR 25 2009  
Environmental Bureau  
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 4'	Width 10'	Depth 6'
Eunice Monument Eumont (EME)	L-4 boot	L	4	20S	37E	Lea	eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Martha Laughlin Williams OTHER \_\_\_\_\_

Depth to Groundwater 30 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40\*

Date Started 8/20/2008 Date Completed 9/2/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 8/20/2008 Sample Depth 12 ft

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 (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 12' GRAB	0.1	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	148
vertical delineation trench at the junction (source)	7'	172
	8'	154
	9'	259
	10'	241
	11'	211
	12'	170

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Chloride field tests were performed on each sample, yielding low concentrations. Organic vapors were measured using a PID, also yielding low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation and clean, imported blow sand was used as a top cap and to contour to the surrounding area. On 8/22/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

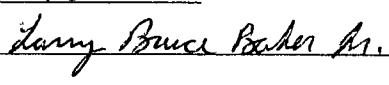
*\*Inactive water well 627 ft southeast of the site.*

enclosures: photos, lab results, PID screenings, chloride curve

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

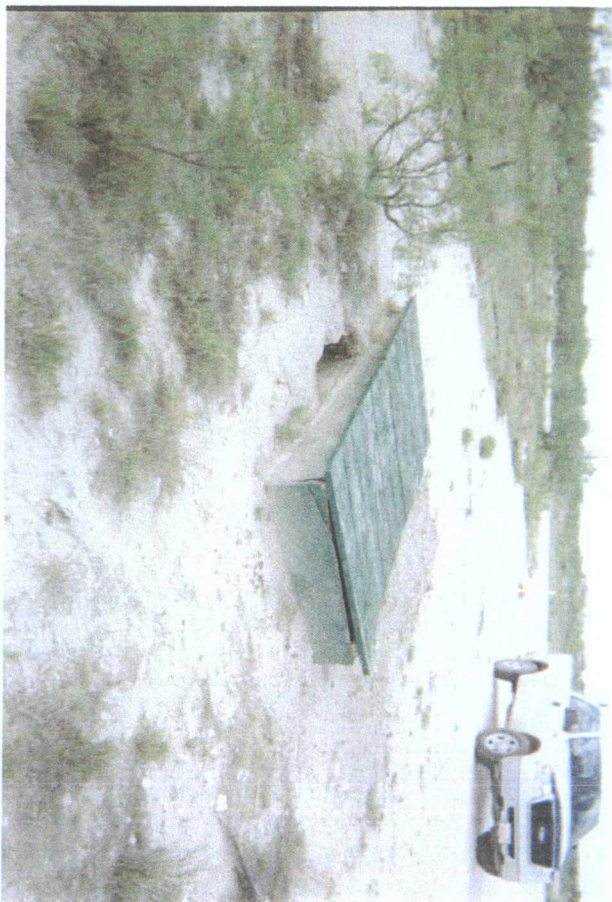
SITE SUPERVISOR Jordan Woodfin SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 10-20-08

## EME L-4 boot

Unit L, Section 4, T20S, R37E



undisturbed junction box

7/3/2008



delineation trench at former junction site, facing northwest 8/20/2008



collecting soil samples from trench, facing northeast

8/20/2008



seeding backfilled site

8/22/2008



ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: JORDAN WOODFIN  
122 W. TAYLOR  
HOBBS, NM 88240

COPY

Receiving Date: 08/20/08  
Reporting Date: 08/22/08  
Project Number: NOT GIVEN  
Project Name: EME L-4 BOOT  
Project Location: EME L-4 BOOT

Sampling Date: 08/20/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/TR

LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	
ANALYSIS DATE		08/22/08	08/22/08	08/21/08
H15776-1	SOURCE 12' BTM GRAB	<10.0	<10.0	<16
Quality Control		553	411	520
True Value QC		500	500	500
% Recovery		111	82.2	104
Relative Percent Difference		3.8	4.1	3.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B

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

*Cheryl Keme*  
Chemist

Date 08/26/08

RECEIVED

DATE: 2-9-2008

H15776TCL RICE

10035, Albuquerque, NM

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (505) 393-9174 FAX: (505) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-10-09
FILL DATE: 11-14-07	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	L-4	L	4	205	37E

SAMPLE ID	PID	SAMPLE ID	PID
Background	1.9		
Source			
7'	0.4		
8'	0.2		
9'	0.2		
10'	0.2		
11'	0.1		
12'	0.1		

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

SIGNATURE:

*Jordan Woodh*

DATE: 8-20-08

# CHLORIDE CONCENTRATION CURVE

RICE Operating Company

## EME L-4 boot

Unit 'L', Sec. 4, T20S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
7	172
8	154
9	259
10	241
11	211
12	170

Groundwater = 30 ft

