

1R - 427-334

REPORTS

DATE:

1-31-11

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1R427-334

EME Jct. I-29-2

2010

RECEIVED

APR - 1 2011

Oil Conservation Division  
1220 S. St. Francis St.  
Santa Fe, NM 87501

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. I-29-2	I	29	19S	37E	Lea	Eliminated		

LAND TYPE: BLM \_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

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

Date Started 1/29/2010 Date Completed 2/5/2010 OCD Witness no

Soil Excavated 5.6 cubic yards Excavation Length 5 Width 3 Depth 10 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 1/29/2010 Sample Depth 10 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 10' GRAB	0.0	<10.0	24.1	224

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	118
vertical delineation trench at the junction (source)	3'	140
	4'	116
	5'	145
	6'	143
	7'	260
	8'	211
	9'	178
	10'	148

**General Description of Remedial Action:** This junction and line were eliminated under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 10 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 2/05/2010, site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

\* Residence 885 ft. south

enclosures: photos, lab results, PID (field) screenings, chloride graph

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE *Jordan Woodfin* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-31-11

# EME Junction I-29-2

Unit I, Section 29, T19S, R37E



Site prior to excavating

1/29/2010



Delineation trench being excavated

1/29/2010



Backfilling excavation

2/05/2010



Seeding excavation

2/05/2010



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

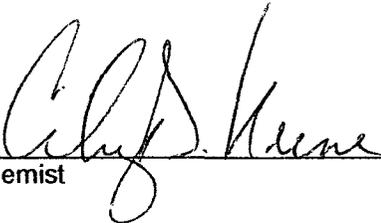
Receiving Date: 01/29/10  
 Reporting Date: 02/01/10  
 Project Number: NOT GIVEN  
 Project Name: EME JCT I-29-2  
 Project Location: EME JCT I-29-2

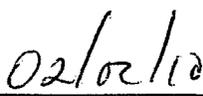
Sampling Date: 01/29/10  
 Sample Type: SOIL  
 Sample Condition: INTACT  
 Sample Received By: JH  
 Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		01/31/10	01/31/10	02/01/10
H19183-1	SOURCE GRAB @ 10FT.	<10.0	24.1	224
Quality Control		573	510	510
True Value QC		500	500	500
% Recovery		115	102	102
Relative Percent Difference		0.5	<0.1	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI-B  
 \*Analysis performed on a 1:4 w:v aqueous extract.  
 Reported on wet weight.

COPY

  
 Chemist

  
 Date

H19183 TCL 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

X

Model: PGM 7300    Serial No: 590-000183  
 Model: PGM 7300    Serial No: 590-000508  
 Model: PGM 7300    Serial No: 590-000504


Model: PGM 7600    Serial No: 110-023920  
 Model: PGM 7600    Serial No: 110-013744  
 Model: PGM 7600    Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <b>924503</b>	EXPIRATION DATE: <b>7-5-2012</b>
FILL DATE: <b>7-1-09</b>	METER READING ACCURACY: <b>100</b>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<b>EME</b>	<b>I-29-2</b>	<b>I</b>	<b>29</b>	<b>195</b>	<b>37E</b>

SAMPLE ID	PID	SAMPLE ID	PID
<b>Source</b>		<b>Background</b>	
<b>3'</b>	<b>0.1</b>	<b>6"</b>	<b>0</b>
<b>4'</b>	<b>0.1</b>		
<b>5'</b>	<b>0</b>		
<b>6'</b>	<b>0</b>		
<b>7'</b>	<b>0</b>		
<b>8'</b>	<b>0</b>	<b>COPY</b>	
<b>9'</b>	<b>0</b>		
<b>10'</b>	<b>0</b>		

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

SIGNATURE:

DATE: **1-29-10**

CHLORIDE CONCENTRATION CURVE

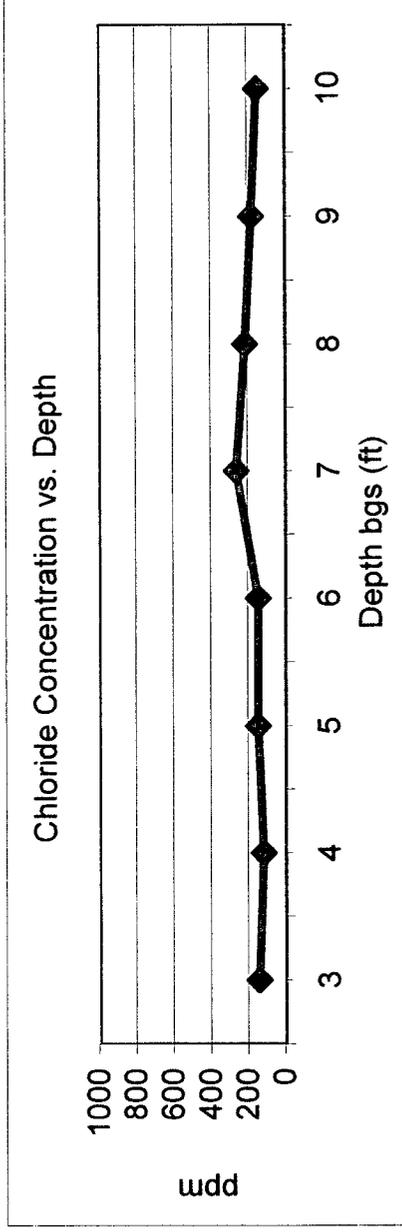
RICE Operating Company

**EME Junction I-29-2**

Unit 'I', Sec. 29, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
3	140
4	116
5	145
6	143
7	260
8	211
9	178
10	148



Groundwater = 30 ft.