

1R - 427-324

REPORTS

DATE:

8-2-10

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1R427-324

EME I-29-2 EOL

2010

RECEIVED

APR - 1 2011

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

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	I-29-2 EOL	I	29	19S	37E	Lea	Length	Width	Depth
							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 3.9 cubic yards Excavation Length 5 Width 3 Depth 7 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 1/29/2010 Sample Depth 7 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 7' GRAB	0.0	<10.0	42.6	<16

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	118
vertical delineation trench at the junction (source)	3'	301
	4'	146
	5'	141
	6'	154
	7'	145

**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, 7 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 845 ft. south

enclosures: photos, lab results, PID (field) 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 Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-2-10



# EME I-29-2 EOL

Unit I, Section 29, T19S, R37E



Site prior to excavation

1/29/2010



Sample being taken

1/29/2010



Backfilling excavation

2/05/2010



Seeding excavation

2/05/2010





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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 EOL  
Project Location: EME JCT I-29-2 EOL

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)	Cl* (mg/kg)
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ANALYSIS DATE	01/31/10	01/31/10	02/01/10
H19182-1 SOURCE GRAB @ 7FT.	<10.0	42.6	< 16
Quality Control	573	510	500
True Value QC	500	500	500
% Recovery	115	102	100
Relative Percent Difference	0.5	<0.1	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl\*: Std. Methods 4500-ClB

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

Reported on wet weight.

COPY

Chemist

Date

H19182 TCL RICE

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ARDINAL LABORATORIES

1. The first part of the document is a list of names and their corresponding dates. The names are: "John Doe", "Jane Smith", "Bob Johnson", "Alice Brown", "Charlie White", "David Green", "Eve Black", "Frank Gray", "Grace Pink", "Henry Blue", "Ivy Yellow", "Jack Purple", "Karen Red", "Leo Orange", "Mia Silver", "Noah Gold", "Olivia Bronze", "Peter Copper", "Quinn Iron", "Rory Tin", "Sam Lead", "Tina Zinc", "Uma Nickel", "Victor Platinum", "Wendy Silver", "Xavier Gold", "Yara Bronze", "Zoe Copper". The dates are: "1990-01-01", "1990-02-01", "1990-03-01", "1990-04-01", "1990-05-01", "1990-06-01", "1990-07-01", "1990-08-01", "1990-09-01", "1990-10-01", "1990-11-01", "1990-12-01", "1991-01-01", "1991-02-01", "1991-03-01", "1991-04-01", "1991-05-01", "1991-06-01", "1991-07-01", "1991-08-01", "1991-09-01", "1991-10-01", "1991-11-01", "1991-12-01", "1992-01-01", "1992-02-01", "1992-03-01", "1992-04-01", "1992-05-01", "1992-06-01", "1992-07-01", "1992-08-01", "1992-09-01", "1992-10-01", "1992-11-01", "1992-12-01".

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

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# 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:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY: +/-2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-29-2EOL	I	29	19 S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
3'	0	6"	0
4'	0		
5'	0		
6'	0		
7'	0		

COPY

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

SIGNATURE

*Jordan Wood*

DATE: 1-29-10

# CHLORIDE CONCENTRATION CURVE

RICE Operating Company

## EME I-29-2 EOL

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

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
3	301
4	146
5	141
6	154
7	145

Groundwater = 30 ft.

