

1R - 427-296

# REPORTS

DATE:

3-31-09

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**EME Jct I-2  
2009**

1R427-296

RECEIVED

ADD - 6 2010

Environmental Bureau  
Oil Conservation Division

**CLOSURE**

RECEIVED

APR - 6 2010

Environmental Bureau  
Oil Conservation DivisionRICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

## BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Jct. I-2	I	2	20S	36E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_Depth to Groundwater 52 feet NMOC SITE ASSESSMENT RANKING SCORE: 20Date Started 1/6/2009 Date Completed 1/9/2009 OCD Witness noSoil Excavated 4 cubic yards Excavation Length 5 Width 3 Depth 8 feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL ANALYTICAL RESULTS: Sample Date 1/6/2009 Sample Depth 8 ft

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

## CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 8' GRAB	2.4	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	149
vertical delineation trench at the junction (source)	4'	149
	5'	170
	6'	175
	7'	138
	8'	143

**General Description of Remedial Action:** This junction box was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x8-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID and also yielded low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 1/9/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

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 [Signature] COMPANY RICE OPERATING COMPANYREPORT ASSEMBLED BY Katie Jones INITIAL KJPROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 3-31-09

## EME Jct. I-2

Unit I, Section 2, T20S, R36E



capping lines at former junction box, facing east

1/6/2009



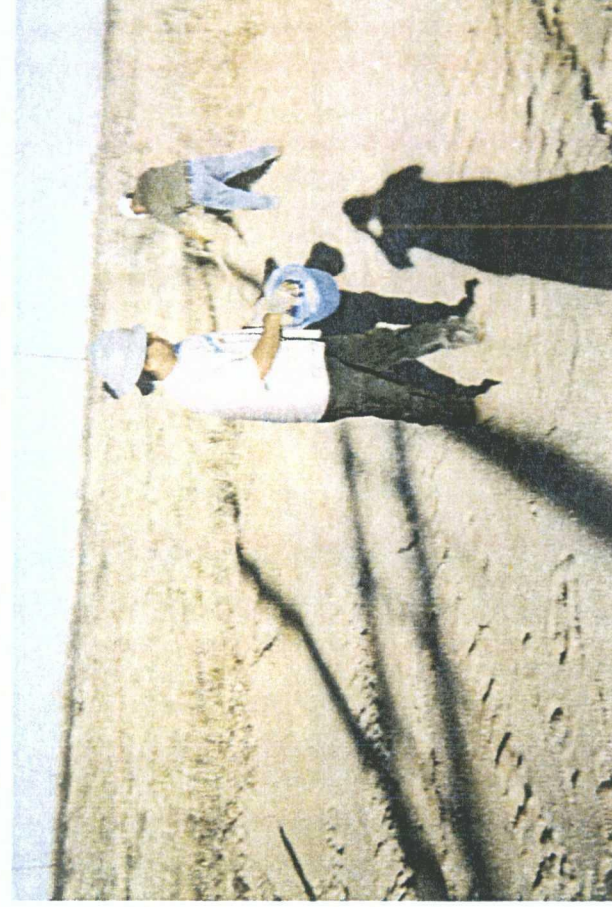
collecting a soil sample, facing north

1/6/2009



final 5x3x8-ft-deep excavation, facing north

1/6/2009



seeding backfilled site, facing northeast

1/9/2009





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

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

Receiving Date: 01/06/09  
Reporting Date: 01/07/09  
Project Number: NOT GIVEN  
Project Name: EME JCT I-2  
Project Location: EME JCT I-2

Sampling Date: 01/06/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

COPY

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		01/06/09	01/06/09	01/07/09
H16616-1	SOURCE BTM GRAB @ 8FT	<10.0	<10.0	< 16
Quality Control		438	519	500
True Value QC		500	500	500
% Recovery		87.6	104	100
Relative Percent Difference		3.6	2.4	<0.1

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.

Chemist

Date

H16616 TCL RICE

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ARDINAL LABORATORIES

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

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88340  
 PHONE: (505) 393-9174 FAX: (505) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	
MODEL	
NO.	✓

MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4-12-09
FILL DATE: 10-12-07	METER READING ACCURACY: 102

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-2	I	2	T205	R36E

SAMPLE ID	PID	SAMPLE ID	PID
Background	0.6	Source	
		4'	3.1
		5'	2.5
		6'	1.3
		7'	0.9
		8'	2.4

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

SIGNATURE:

*Jordan Wood*

DATE: 1-6-09

# CHLORIDE CONCENTRATION CURVE

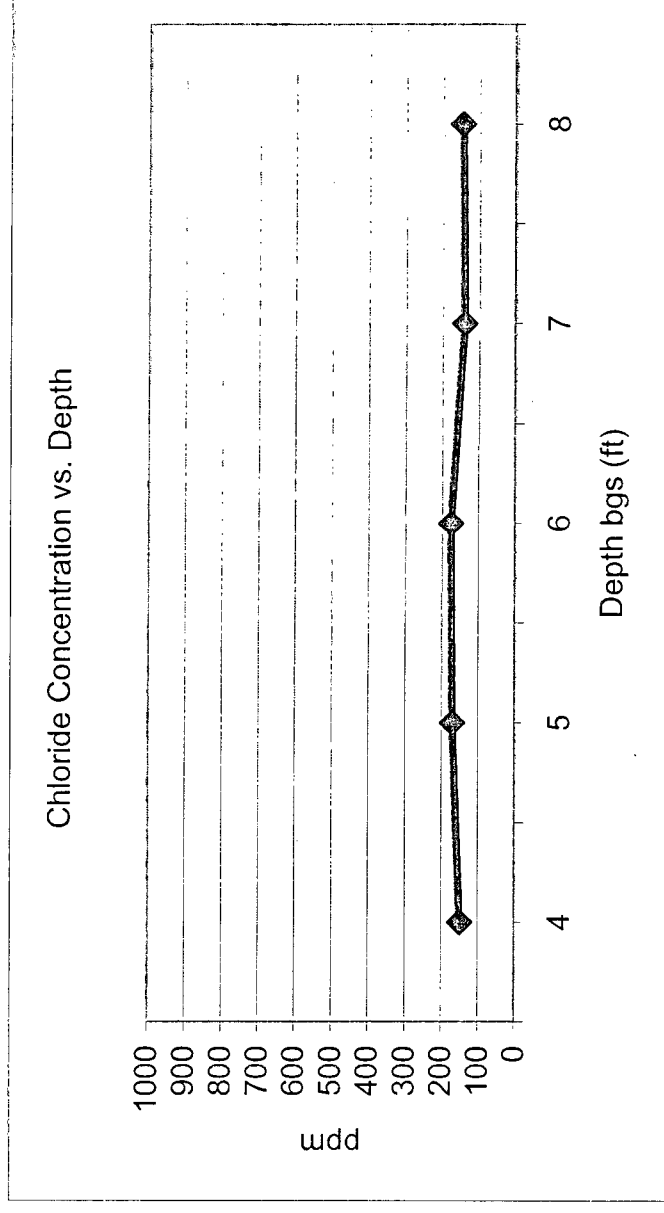
RICE Operating Company

## EME Jct. I-2

Unit 'I', Sec. 2, T20S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
4	149
5	170
6	175
7	138
8	143



Groundwater = 52 ft