

1R - 427-254

# REPORTS

DATE:

02-02-09

EME Jct I-1

1R427-254

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 6'	Width 4'	Depth 4'
Eunice Monument Eumont (EME)	Jct. I-1	I	1	20S	37E	Lea	eliminated		

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

Depth to Groundwater 55 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/18/2008 Date Completed 9/18/2008 OCD Witness no

Soil Excavated 8 cubic yards Excavation Length 5 Width 3 Depth 15 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 9/18/2008 Sample Depth 15 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 15' GRAB	0.0	<25.0	<25.0	352

LOCATION	DEPTH	mg/kg
background	6"	173
vertical delineation trench at the junction (source)	5'	552
	6'	329
	7'	722
	8'	651
	9'	652
	10'	772
	11'	785
	12'	753
	13'	727
	14'	704
15'	436	

**General Description of Remedial Action:** This junction 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 5x3x15-ft-deep excavation. Chloride field tests performed on each sample yielded generally low concentrations that decreased with depth. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 15 ft BGS, was analyzed by a commercial laboratory for chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation and clean blow sand was used as a top cap and to contour the site to the surrounding area. On 9/29/2008, 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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-2-09

# EME Jct. I-1

Unit I, Section 1, T20S, R37E



undisturbed junction box

9/18/2008



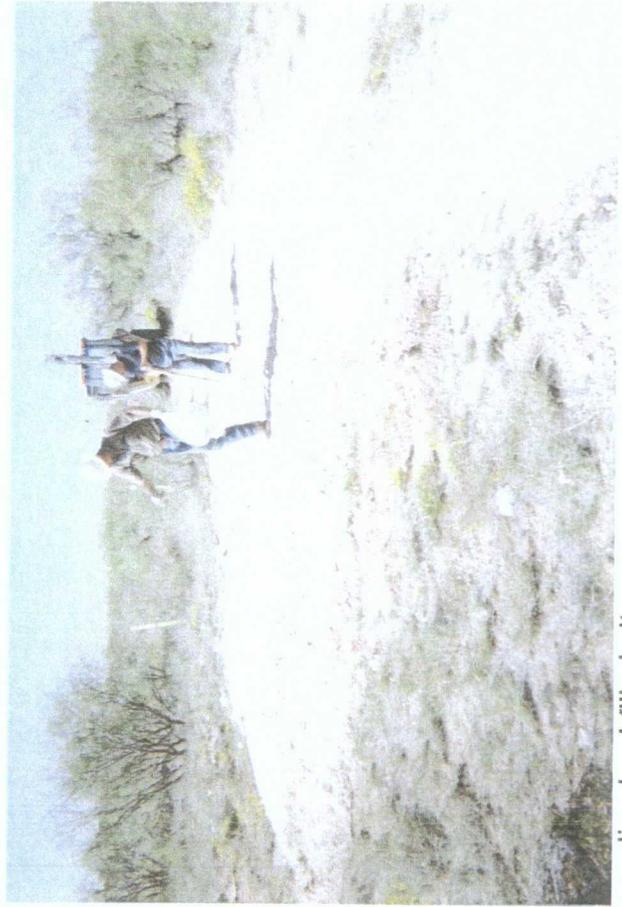
collecting a soil sample

9/18/2008



site prior to backfill

9/18/2008



seeding backfilled site

9/29/2008



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

COPY

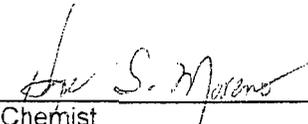
Receiving Date: 09/18/08  
 Reporting Date: 09/19/08  
 Project Number: NOT GIVEN  
 Project Name: NOT GIVEN  
 Project Location: EME JCT. I-1

Sampling Date: 09/18/08  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: ML  
 Analyzed By: AB/TR

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)
	ANALYSIS DATE	09/19/08	09/19/08	09/19/08
H15948-1	INITIAL SOURCE @ 15FT.	<25.0	<25.0	352
	Quality Control	483	477	490
	True Value QC	500	500	500
	% Recovery	96.6	95.4	98.0
	Relative Percent Difference	14.7	19.7	< 0.1

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

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

  
 Chemist

09-22-08  
 Date

H15948 TCL RICE

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# 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 type="checkbox"/>
MODEL	<input type="checkbox"/>
NO.	<input type="checkbox"/>

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

COPY

model PGM 7300

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-08	METER READING ACCURACY: 99.9

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-1	I	1	20S	R-37E

### INITIAL SOURCE

SAMPLE ID	PID	SAMPLE ID	PID
5	0.0		
6	0.0		
7	0.0		
8	0.0		
9	0.0		
10	0.0		
11	0.0		
12	0.0		
13	0.0		
14	0.0		
15	0.0		

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

SIGNATURE: *Danell Mitchell*

DATE: 9-18-08

# CHLORIDE CONCENTRATION CURVE

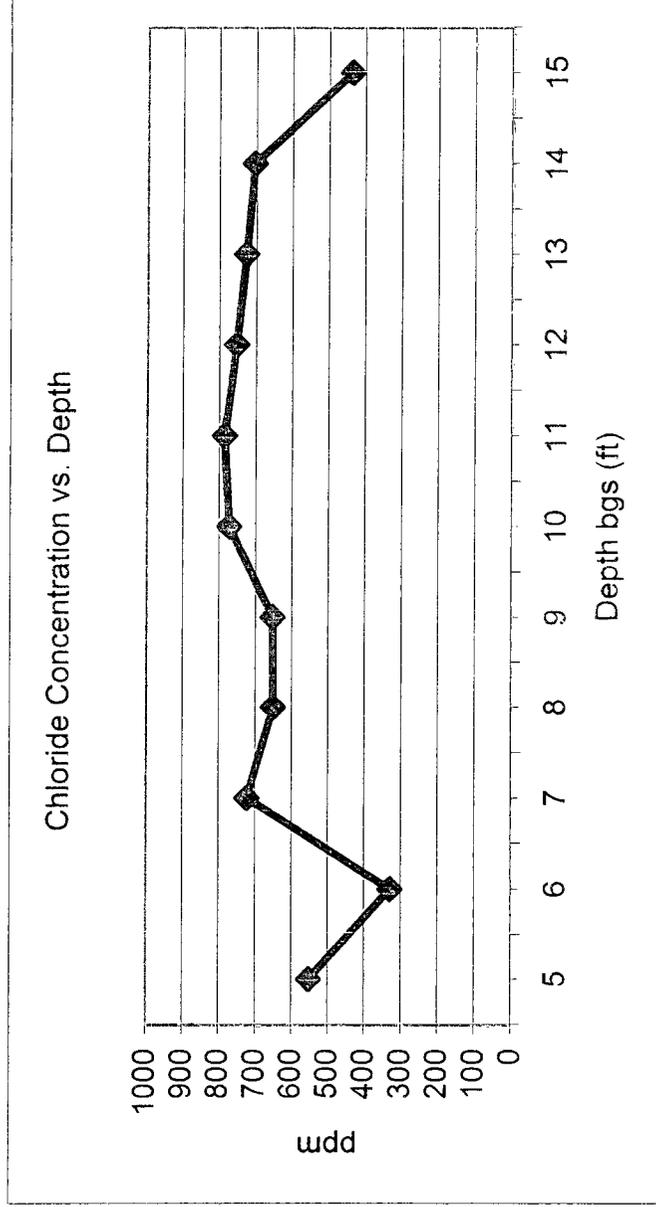
RICE Operating Company

## EME Jct. I-1

Unit 'I', Sec. 1, T20S, R37E

Backhoe samples at the junction (source)

Depth: bgs. (ft)	[Cl <sup>-</sup> ] ppm
5	552
6	329
7	722
8	651
9	652
10	772
11	785
12	753
13	727
14	704
15	436



Groundwater = 55 ft