

1R - 427-352

REPORTS

DATE:

3-10-11

1R427-352

EME Jct. I-20

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		
							Length	Width	Depth
Euince-Monument-Eumont (EME)	Jct. I-20	I	20	19S	37E	Lea	Eliminated		

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

Depth to Groundwater 35 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/8/2010 Date Completed 8/23/2010 OCD Witness no

Soil Excavated 44.4 cubic yards Excavation Length 10 Width 10 Depth 12 feet

Soil Disposed 72 cubic yards Offsite Facility C & C Land Farm Location Monument, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 6/24/2010 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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
4-WALL COMP.	0.1	<10.0	<10.0	16
BOTTOM COMP.	0.1	<10.0	<10.0	32
BACKFILL COMP.	0.1	<10.0	<10.0	32

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	57
bottom comp.	12'	58
backfill comp.	n/a	53
Delineation trench at 5' north of former junction box (Source)	2'	59
	4'	56
	6'	56
	8'	55
	10'	60
	12'	54

**General Description of Remedial Action:** This junction and line 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 10x10x12-ft-deep excavation. Chloride field tests were performed on each sample which yielded low concentrations. Organic vapors, measured using a PID, yielded low concentrations of organic vapors. The excavated soil was blended on site and representative composite samples were collected from the excavation walls, bottom, and blended backfill. The representative composite samples were sent to a commercial laboratory for analysis of TPH and chloride. Laboratory analysis confirmed low concentrations of chloride and organics were non detected. The excavation was backfilled with the blended backfill to ground surface and contoured to the surrounding area. On 8/23/2010, 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 Joe Gatts SIGNATURE \_\_\_\_\_ n/a 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 3-10-11

# EME JCT. I-20

Unit I, Section 20, T19S, R37E



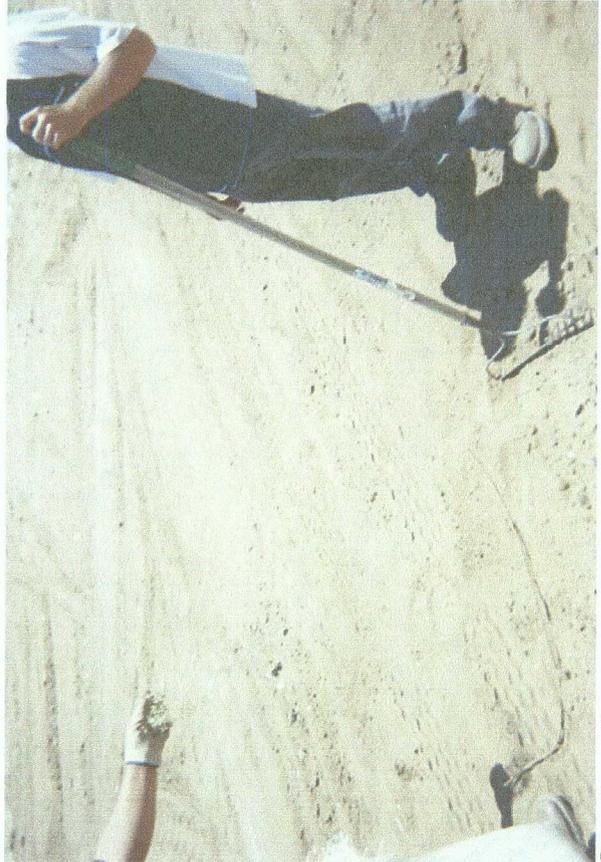
Digging delineation trench

6/8/2010



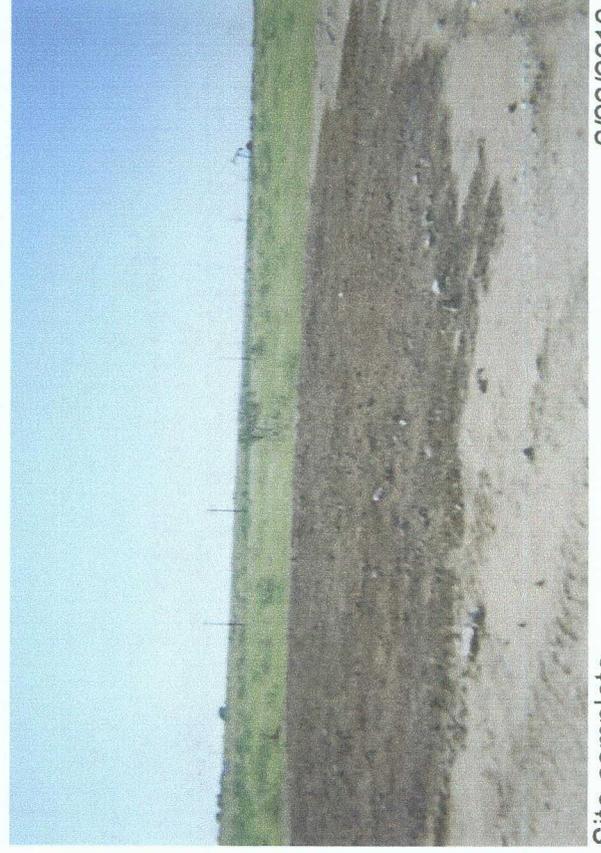
Backfilling site

7/29/2010



Seeding site

8/23/2010



Site complete

8/23/2010





# 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 type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input checked="" type="checkbox"/>	Model: PGM 7230	Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <b>928547</b>	EXPIRATION DATE: <b>2/04/2013</b>
FILL DATE:	METER READING ACCURACY: <b>100.1</b>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<b>EME</b>	<b>I-20</b>	<b>I</b>	<b>20</b>	<b>19</b>	<b>37</b>

SAMPLE ID	PID	SAMPLE ID	PID
<i>Bottom Composite @ 12'</i>	<i>0.1</i>		
<i>4 WALL composite</i>	<i>0.1</i>		
<i>Remediated Backfill</i>	<i>0.1</i>		
		<b>COPY</b>	

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

SIGNATURE: *Jim Satt*

DATE: **6/24/10**

CHLORIDE CONCENTRATION CURVE

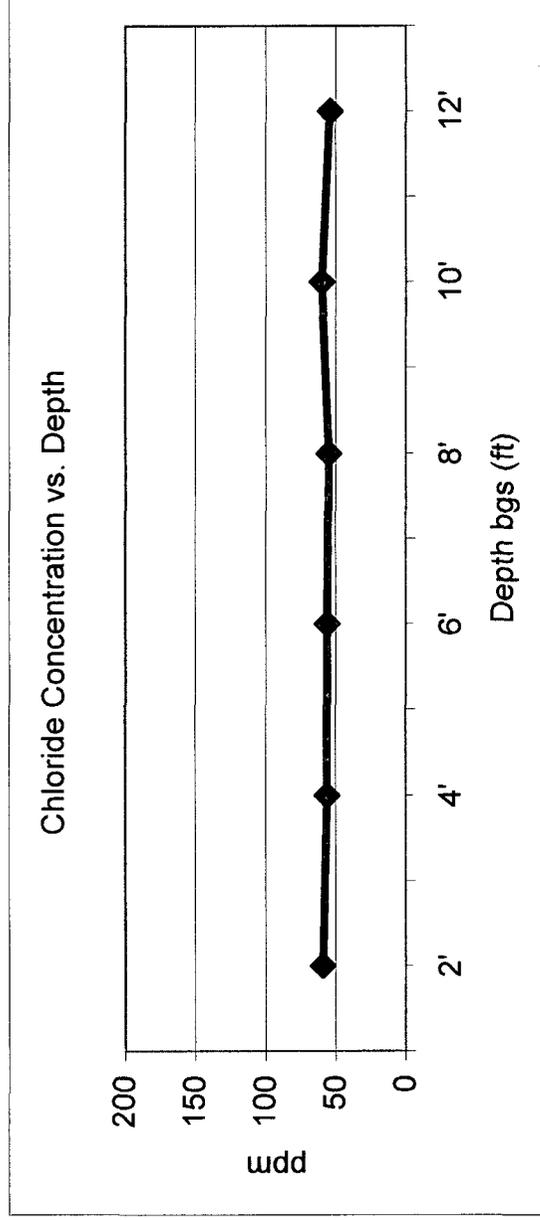
RICE Operating Company

**EME Jct. I-20**

Unit 'I', Sec. 20, T19S, R37E

Backhoe samples 5 ft. north of the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2'	59
4'	56
6'	56
8'	55
10'	60
12'	54



Groundwater = 35 ft