

1R - 427 - 136

REPORTS

DATE:

3-29-04

1R0427-136

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
EME	C-11 EOL boot	R	2	21S	36E	Lea	Length	Width	Depth
							Moved 34 ft South		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater >100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 3/16/2004 Date Completed 3/16/2004 OCD Witness No

Soil Excavated 12 cubic yards Excavation Length 9 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/16/2004 Sample Depth 12 ft

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
Vertical @ 12 ft	0.0	<10.0	<10.0	304

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

General Description of Remedial Action: This junction box was located off a dirt lease road. A vertical delineation trench was made using a backhoe and samples were field-tested for chloride and VOC's. Chloride concentrations exhibited a conclusive trend of declination (see graph). All PID readings were 0.0 ppm and TPH lab results confirmed concentrations well below NMOCD guidelines. The excavated soil was blended on-site and then backfilled into the location. The disturbed surface will be re-seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. A new watertight junction box has been built 34 ft south of this site.

enclosures: chloride graph, photos, lab results, PID results

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	6	954
at Junction	7	320
	8	281
	9	193
	10	273
	11	317
	12	320
background	0.5	119

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

DATE 3/29/2004 PRINTED NAME Kristin Farris
SIGNATURE Kristin Farris TITLE Project Scientist

EME C-11 EOL boot



Undisturbed box

11/19/2003



Completed new junction box 34 ft south

1/22/2004



Vertical delineation at old junction

3/16/2004



Backfilling excavation

3/16/2004

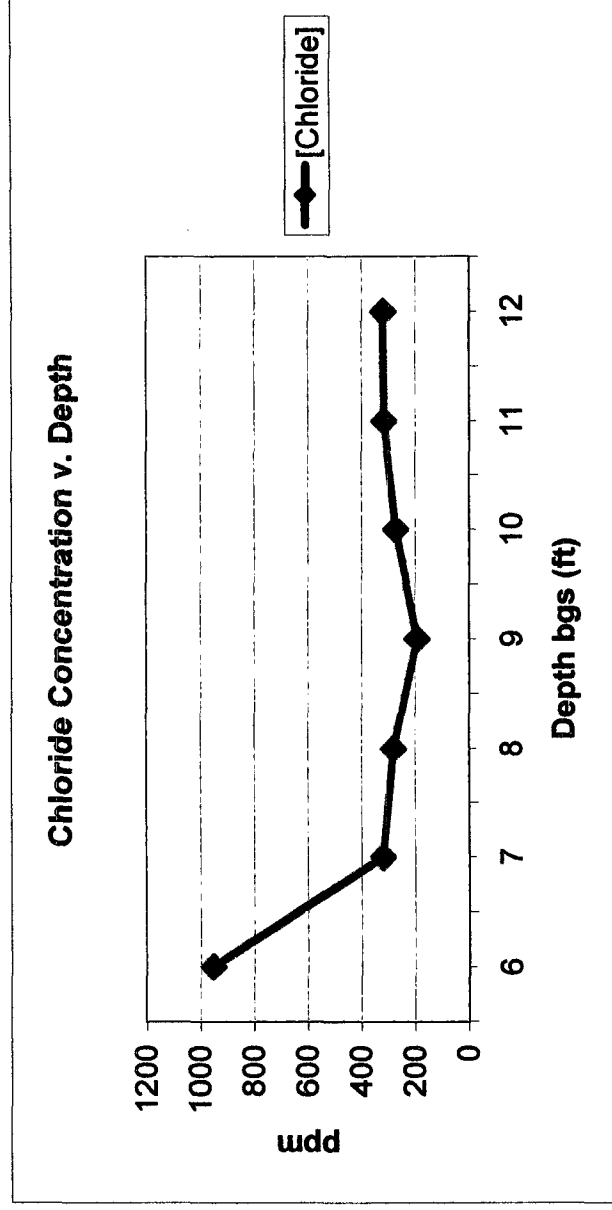
EME C-11 EOL boot

Unit 'R', Sec. 2, T21S, R36E

Vertical Delineation at Source

Depth bgs (ft)	[Cl ⁻] ppm
6	954
7	320
8	281
9	193
10	273
11	317
12	320

Groundwater = >100 ft

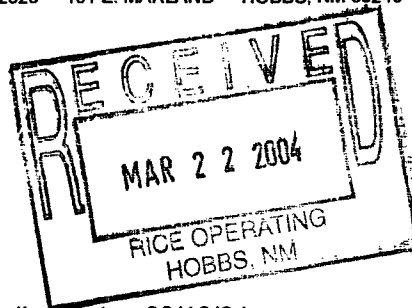




PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471



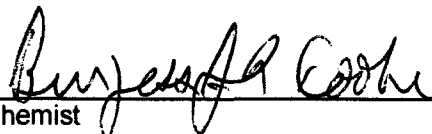
Receiving Date: 03/16/04
Reporting Date: 03/18/04
Project Number: NOT GIVEN
Project Name: OXY C-11
Project Location: EME

Sampling Date: 03/16/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		03/16/04	03/16/04	03/17/04
H8532-1	SOURCE AT 12' BGS	<10.0	<10.0	304
Quality Control		817	762	1000
True Value QC		800	800	1000
% Recovery		102	95.2	100
Relative Percent Difference		1.9	3.4	0.0

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.


Chemist

3/18/04
Date

H8532.XLS

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

RICE OPERATING COMPANY

122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

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VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S

SERIAL NO: 104412

CALIBRATION GAS

GAS COMPOSITION: ISOBUTYLENE

100 PPM

AIR

BALANCE

LOT NO: 02-22-30

FILL DATE: 5/20/03

EXP. DATE: 11/20/04

ACCURACY: ± 0.2 - 2%

METER READING

ACCURACY: 99.8

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	Dry C-11	R	2	21	36

SAMPLE	PID RESULT	SAMPLE	PID RESULT
Source 5' bsp	0		
Source 6' bsp	0		
Source 7' bsp	0		
Source 8' bsp	0		
Source 9' bsp	0		
Source 10' bsp	0		
Source 11' bsp	0		
Source 12' bsp	0		

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

Joe Scott
Signature

3/16/04
Date