

1R - 427-238

REPORTS

DATE:

7-2-08

EME D-16 Vent

1R427-238

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		
Eunice Monument Eumont (EME)	D-16 vent	D	16	20S	37E	Lea	Length	Width	Depth
							moved 45 ft. north		

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

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

Date Started 8/6/2007 Date Completed 8/21/2007 OCD Witness no

Soil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

FINAL ANALYTICAL RESULTS: Sample Date 8/6/2007 Sample Depth 6 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 6' GRAB	0.0	<10.0	<10.0	<16

General Description of Remedial Action: This junction box site was addressed under the pipeline replacement/upgrade program. A new, water-tight junction box was built 45 feet north. An investigation was conducted using a hand auger to collect soil samples at regular intervals. Field chloride test performed on each sample yielded low concentrations of chloride similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. Commercial laboratory analysis confirmed that the samples were low in chloride and organics. The site was then backfilled and seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	145
hand auger below junction (source)	3'	251
	4'	138
	5'	143
	6'	89

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

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

REPORT
ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY

SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.

DATE 7-2-08 TITLE PROJECT LEADER

EME D-16 vent

Unit D, Section 16, T20S, R37E



undisturbed junction box

2/2/2006



backfilling former box hole

8/21/2007



former site (fenced) with old box removed, new box in background

8/6/2007



seeding soil spread on site

8/21/2007



ARDINAL LABORATORIES

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

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

COPY

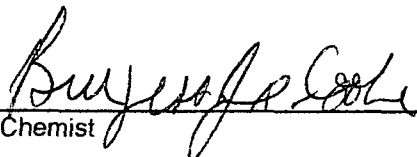
Receiving Date: 08/06/07
Reporting Date: 08/08/07
Project Number: NOT GIVEN
Project Name: EME VENT D-16
Project Location: EME VENT D-16

Sampling Date: 08/06/07
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: NF
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		08/07/07	08/07/07	08/07/07
H13039-1	6' SOURCE	<10.0	<10.0	<16
Quality Control		771	782	500
True Value QC		800	800	500
% Recovery		96.4	97.8	100
Relative Percent Difference		0.8	1.8	<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

8/8/07
Date

H13039 RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.
MODEL
NO.

✓

MODEL: PGM 761S SERIAL NO: 104412
MODEL: PGM 7600 SERIAL NO: 110-013744
MODEL: PGM 7600 SERIAL NO: 110-12383
MODEL: PGM 7600 SERIAL NO: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 06-3079	EXPIRATION DATE: 5/03/08
FILL DATE: 11/06/06	METER READING ACCURACY: 101ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Vent D-16	D	16	205	37E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
3'	0	6"	0
4'	0		
5'	0		
6'	0		

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

SIGNATURE:

Larry Bruce Baker Jr.

DATE:

8-6-07

CHLORIDE CONCENTRATION CURVE

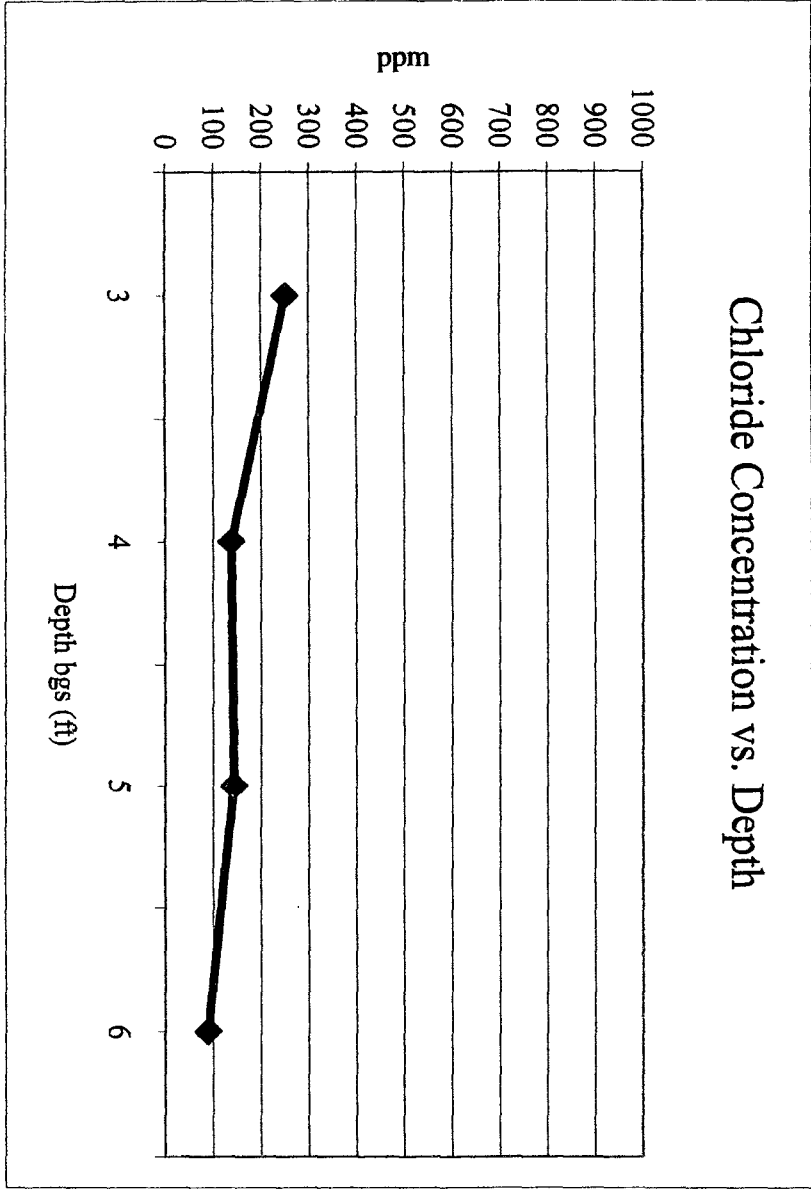
RICE Operating Company

EME D-16 vent

unit 'D', Sec. 16, T20S, R37E

Hand auger samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
3	251
4	138
5	143
6	89



Groundwater = 20 ft