

1R - 427 - 133

REPORTS

DATE:

2-11-2005

EME Vent P-30

1R0427-133

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	vent P-30	P	30	21S	36E	Lea	moved 10 ft West		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Dasco Land Co OTHER _____

Depth to Groundwater 230 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 12/5/2003 Date Completed 1/28/2004 OCD Witness No

Soil Excavated 5 cubic yards Excavation Length 6 Width 6 Depth 4 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 12/31/2003 Sample Depth 8 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 ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 8 ft BELOW JCT.	0.0	<10.0	<10.0	304

LOCATION	DEPTH (ft)	ppm
vertical at junction box	4	3121
	5	1718
	6	1017
	7	513
	8	269
surface adjacent to junction box	0.5	179
background	0.5	88

General Description of Remedial Action: This junction box contained a vent and was replaced with the pipeline replacement program. A new junction box was built 10 ft west of the former. The box lumber was removed from the former box site and samples were collected using a hand auger. Chloride field tests and PID screenings were performed on the samples. Chloride concentrations yielded a conclusive trend of decline with depth to 8 ft (see graph). All PID readings were 0.0 ppm. There were no physical indications of chloride or hydrocarbon impact. Lab analysis was performed on an 8 ft grab sample below the box which confirmed TPH concentrations were non-detect (<10.0 ppm). The depression left by the old junction box was backfilled on 1/28/2004 and the disturbed surface is expected to return to productive capacity at a normal rate.

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

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

SITE SUPERVISOR Gary Stark SIGNATURE not available COMPANY ETGI-Hobbs, NM

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*
DATE 2/11/2005 TITLE Project Scientist

EME P-30 vent



undisturbed junction box

11/20/2003

unit 'p', sec. 30, T21S, R36E



inside junction box; auger hole where samples were collected

Dec. 2003



inside of new box with new plumbing 10 ft west

1/28/2004



new junction box 10 ft west of former

1/25/2005

CHLORIDE CONCENTRATION CURVE

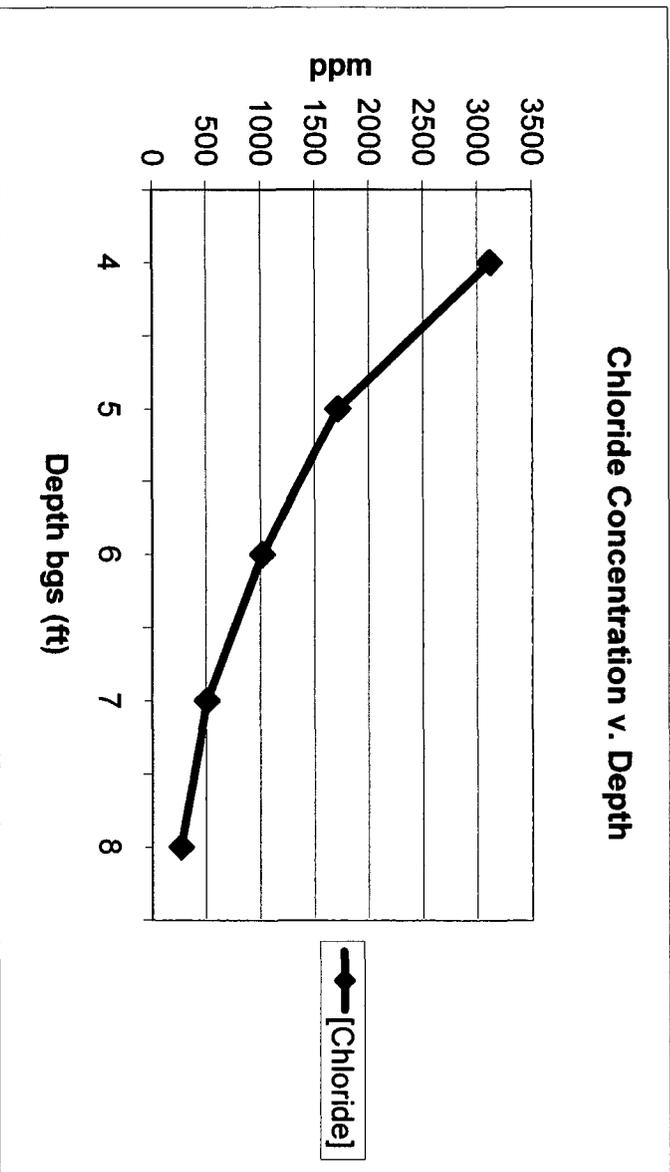
EMME P-30 vent

unit 'P', sec. 30, T21S, R36E

Vertical Delineation at Source

Depth bgs (ft)	[Cl ⁻] ppm
4	3121
5	1718
6	1017
7	513
8	269

Groundwater = 230 ft





ARDINAL LABORATORIES

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

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

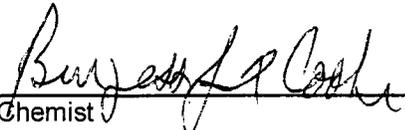
ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: KRISTIN FARRIS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 01/05/04
Reporting Date: 01/06/04
Project Number: NOT GIVEN
Project Name: VENT P-30
Project Location: LEA CO, NM

Sampling Date: 12/31/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE	01/05/04	01/05/04	01/06/04
H8314-1 HAND AUGER 8'	<10.0	<10.0	304
Quality Control	712	742	1010
True Value QC	800	800	1000
% Recovery	89.0	92.8	101
Relative Percent Difference	3.4	2.3	7.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B
*Analyses performed on 1:4 w:v aqueous extracts.



Chemist



Date

H8314.XLS

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: RICE Operating Company
Project Manager: Kristin Farris

Address: 122 W. Taylor State: NM Zip: 88240

City: Hobbs, Phone #: 573-9174 Fax #: 397-1471

Project #: Project Owner:

Project Name: Leak 2-30

Project Location: Leak

Sampler Name: Greg Stebbins

Lab ID: MS141 Sample ID: Leak Auger 8

Lab ID: Sample ID:

P.O. # Company: RICE

Address: City: State: Zip:

Phone #: Fax #:

Matrix: Preserv: Sample ID:

Acid/Base: Ice/Cool: Other:

Date: 12/1 Time: 12:1

Matrix: Preserv: Sample ID:

Acid/Base: Ice/Cool: Other:

Date: Time:

Matrix: Preserv: Sample ID:

Acid/Base: Ice/Cool: Other:

Date: Time:

Matrix: Preserv: Sample ID:

Acid/Base: Ice/Cool: Other:

Date: Time:

Matrix: Preserv: Sample ID:

Acid/Base: Ice/Cool: Other:

Date: Time:

Matrix: Preserv: Sample ID:

Phone: Fax: Add'l Phone #:
Add'l Fax #:

REMARKS: Fast & copy to me

Received By: (Lab Staff)

Received By: (Field)

Received By: (Field)

