

1R - 427-265

REPORTS

DATE:

1-20-09

EME Jct F-33 Vent

1R427-265

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)	Jct. F-33 vent	F	33	20S	37E	Lea	Length 6'	Width 4'	Depth 3'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Millard Deck _____ OTHER _____

Depth to Groundwater _____ 53 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 20 _____

Date Started _____ 9/3/2008 _____ Date Completed _____ 9/3/2008 _____ OCD Witness _____ no _____

Soil Excavated _____ 7 _____ cubic yards Excavation Length _____ 5 _____ Width _____ 3 _____ Depth _____ 12 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 9/3/2008 _____ Sample Depth _____ 12 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 12' GRAB	0.4	<10.0	<10.0	32

LOCATION	DEPTH	mg/kg
background	6"	207
vertical delineation trench at the junction (source)	4'	212
	5'	270
	6'	309
	7'	197
	8'	230
	9'	176
	10'	298
	11'	202
	12'	228

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 5x3x12-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations, similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 9/3/2008, 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 screening, chloride curve

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

SITE SUPERVISOR _____ Jordan Woodfin _____ SIGNATURE *Jordan Woodfin* _____ COMPANY _____ RICE OPERATING COMPANY _____

REPORT ASSEMBLED BY _____ Katie Jones _____ INITIAL _____ KJ _____

PROJECT LEADER _____ Larry Bruce Baker Jr. _____ SIGNATURE *Larry Bruce Baker Jr.* _____ DATE _____ 1-20-09 _____

EME Jct. F-33 vent

Unit F, Section 33, T20S, R37E



undisturbed junction box, facing west

9/3/2008



excavating at former junction site, facing west

9/3/2008



collecting a soil sample, facing east

9/3/2008



seeding backfilled site, facing west

9/3/2008



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

Receiving Date: 09/03/08
Reporting Date: 09/05/08
Project Number: NOT GIVEN
Project Name: EME JCT F-33 VENT
Project Location: EME JCT F-33 VENT

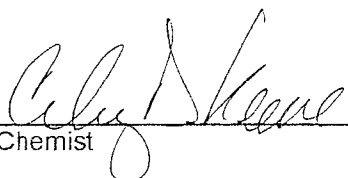
Sampling Date: 09/03/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: AB/HM

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		09/04/08	09/04/08	09/04/08
H15858-1	12 FT SOURCE BTM GRAB	<10.0	<10.0	32
Quality Control		549	444	500
True Value QC		500	500	500
% Recovery		110	89	100
Relative Percent Difference		4.5	5.4	< 0.1

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

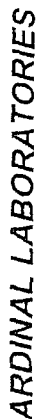
*Analysis performed on a 1:4 w:v aqueous extract.


Chemist

09/05/08
Date

H15858TCL 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

[illegible]

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Relinquished By: <i>Jordan Woodruff</i>		Date: <i>8-13-08</i>		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date: <i>8/13/08</i>		Received By: <i>[Signature]</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
		Time: <i>17:00</i>				REMARKS:		<i>EMAIL RESULTS TO</i> <i>BBaker@rice.swd</i> <i>cc JPcurvis@rice.swd</i>	
Delivered By: (Circle One)		Sample Condition		CHECKED BY:					
Sampler - <input checked="" type="checkbox"/> DPS - <input type="checkbox"/> Bus - <input type="checkbox"/> Other:		Cool/Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		(Initials) <i>[Signature]</i>					

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

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 checked="" type="checkbox"/>
MODEL	
NO.	

MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	F33 Vent	F	33	20 S	37 E

SAMPLE ID	PID	SAMPLE ID	PID
Background	0.4		
Source			
4'	1.3		
5'	1.1		
6'	0.9		
7'	0.7		
8'	0.6		
9'	0.5		
10'	0.5		
11'	0.4		
12'	0.4		

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

SIGNATURE:

Jordan Wood

DATE: 9-3-08

CHLORIDE CONCENTRATION CURVE

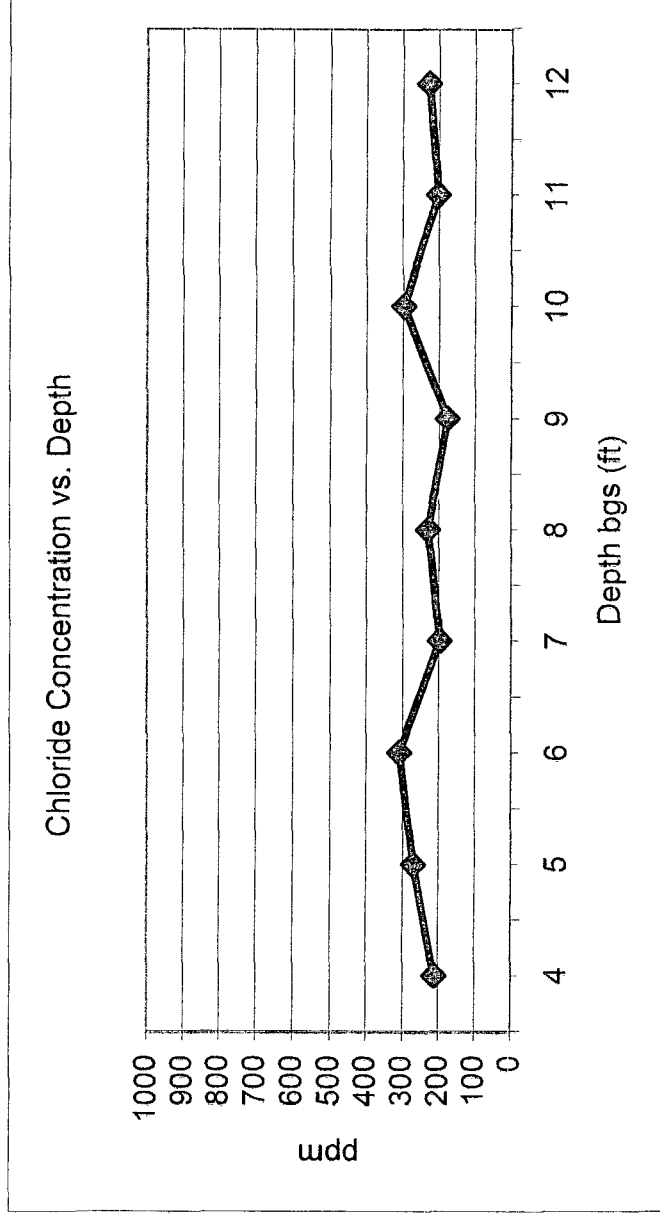
RICE Operating Company

EME Jct. F-33 vent

Unit 'F', Sec. 33, T20S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
4	212
5	270
6	309
7	197
8	230
9	176
10	298
11	202
12	228



Groundwater = 53 ft