

1R - 427-246

**REPORTS**

**DATE:**

8-28-08

**EME Finley McQuarter EOL**

**1R427-248**

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)	Finley McQuarter EOL	G	11	21S	36E	Lea	Length 5	Width 4	Depth 7
moved 38 ft north									

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Dasco Land Corp OTHER \_\_\_\_\_

Depth to Groundwater 200 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 6/5/2008 Date Completed 6/5/2008 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 6/5/2008 Sample Depth 12 ft

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

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SOURCE 12' GRAB	<0.010	<0.010	0.048	0.157	249	898	160

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was built 38 ft north of the former. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Chloride field tests were preformed on each sample, which yielded low concentrations similar to that of the background levels. Organic vapors were also measured using a PID. 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 blended on-site and returned to the excavation to ground surface and contoured to the surrounding area.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	52
vertical delineation trench at the junction (source)	1'	112
	2'	154
	3'	104
	4'	84
	5'	189
	6'	159
	7'	246
	8'	222
	9'	181
	10'	208
	11'	191
	12'	222

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

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 8-28-08 TITLE PROJECT LEADER

# EME Finley McQuarter EOL

Unit G, Section 11, T21S, R36E



source vertical being excavated, facing southwest

6/5/2008



backfilling excavation, facing east

6/5/2008



delineation trench at former junction site, facing south

6/5/2008



new, watertight junction box

6/20/2008



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

COPY

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: BRUCE BAKER  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (575) 397-1471

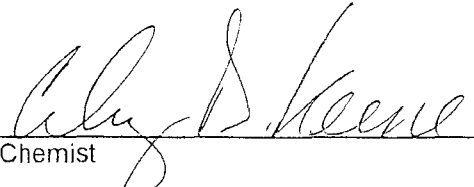
Receiving Date: 06/06/08  
Reporting Date: 06/10/08  
Project Owner: NOT GIVEN  
Project Name: EME FINLEY McQUARTERS EOL  
Project Location: EME FINLEY McQUARTERS EOL

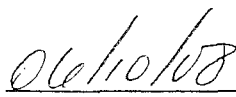
Sampling Date: 06/05/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: CK/AB

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		06/09/08	06/09/08	06/06/08
H14939-1	SOURCE 12' GRAB	249	898	160
Quality Control		567	546	500
True Value QC		500	500	500
% Recovery		113	109	100
Relative Percent Difference		2.1	5.7	2.0

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

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

  
Chemist

  
Date

H14939TCL RICE

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ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: BRUCE BAKER  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (575) 397-1471

COPY

Receiving Date: 06/06/08  
Reporting Date: 06/10/08  
Project Owner: NOT GIVEN  
Project Name: EME FINLEY McQUARTERS EOL  
Project Location: EME FINLEY McQUARTERS EOL

Sampling Date: 06/05/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: CK

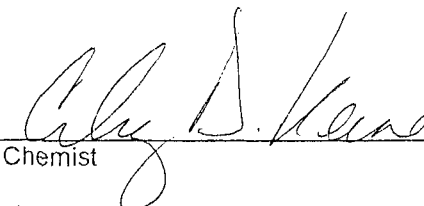
LAB NUMBER	SAMPLE ID	BENZENE		ETHYL	TOTAL
		(mg/kg)	TOLUENE (mg/kg)	BENZENE (mg/kg)	XYLENES (mg/kg)
ANALYSIS DATE		06/06/08	06/06/08	06/06/08	06/06/08
H14939-1	SOURCE 12' GRAB	<0.010	<0.010	0.048	0.157
Quality Control		0.047	0.052	0.058	0.170
True Value QC		0.050	0.050	0.050	0.150
% Recovery		93.5	105	115	113
Relative Percent Difference		2.6	7.3	5.5	4.1

METHOD: EPA SW-846 8260B

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JUN 11 2008

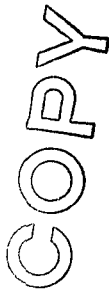
RICE OPERATING  
HOBBS, NM

  
\_\_\_\_\_  
Chemist

06/10/08  
\_\_\_\_\_  
Date

H14939B RICE

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# 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

Company Name: <u>Rice Operating Co.</u>		P.O. #:		Analysis Request	
Project Manager: <u>Bruce Baker</u>		Company:		Analysis Request	
Address: <u>122 W Taylor</u>		Attn:		Analysis Request	
City: <u>Hobbs</u>		Address:		Analysis Request	
Phone #: <u>393-9174</u>		City:		Analysis Request	
Project #: _____		State:		Analysis Request	
Project Name: <u>EME Finley McQuarters EOL</u>		Phone #:		Analysis Request	
Sampler Name: <u>Bruce Baker</u>		Fax #:		Analysis Request	
FOR LAB USE ONLY					
Lab I.D.					
Sample I.D.					
H149347					
Source 12' grab					
(G)RAB OR (C)OMP					
# CONTAINERS					
GROUNDWATER					
WASTEWATER					
SOIL					
SLUDGE					
OTHER:					
ACID/BASE:					
ICE / COOL					
OTHER:					
DATE					
TIME					
6-5-08 3:16pm					
CI-					
TPH 8015M					
BTEX					

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Relinquished By: <u>Bruce Baker</u>		Received By: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date: <u>6-5-08</u>		Time: <u>10:10</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished By:		Received By:		Add'l Phone #:	
Date:		Time:		Add'l Fax #:	
REMARKS: <u>Email Results to <del>baker@ricewd.com</del> to jparvis@ricewd.com</u>					

Delivered By: (Circle One) Sample - UPS - Bus - Other:

† 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

COPY

CK.	<input checked="" type="checkbox"/>
MODEL	
NO.	

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/12/09
FILL DATE: 10/12/07	METER READING ACCURACY: 101 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Finley McQuarters	G	11	21S	36E

Source		Background	
SAMPLE ID	PID	SAMPLE ID	PID
1'	0	6''	42.1
2'	0		
3'	0		
4'	183		
5'	127		
6'	469		
7'	634		
8'	548		
9'	330		
10'	364		
11'	187		
12'	290		

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

SIGNATURE: Bruce Baker

DATE: 6-5-08

# CHLORIDE CONCENTRATION CURVE

RICE Operating Company

## EME Finley McQuarter EOL

Unit 'G', Sec. 11, T21S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
1	112
2	154
3	104
4	84
5	189
6	159
7	246
8	222
9	181
10	208
11	191
12	222

Groundwater = 200 ft

