

1R - 427-325

REPORTS

DATE:

8-5-10

---

1R427-325

EME I-20 EOL

2010

RECEIVED

APR - 1 2011

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont	I-20 EOL	I	20	19S	37E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 37 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 2/25/2010 Date Completed 2/25/2010 OCD Witness no

Soil Excavated 3.3 cubic yards Excavation Length 5 Width 3 Depth 6 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 2/25/2010 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	6.0	<10.0	54.6	<16

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	149
vertical delineation trench at the junction (source)	2'	120
	3'	118
	4'	112
	5'	114
	6'	115

**General Description of Remedial Action:** This junction and line were eliminated under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 6 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 3/09/2010, 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) screenings, chloride graph

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-5-10



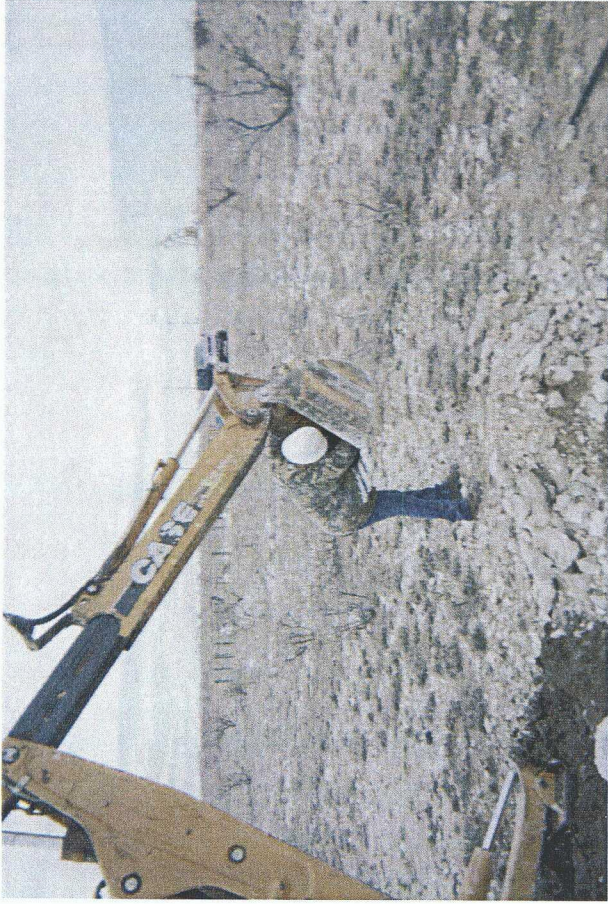
# EME I-20 EOL

Unit I, Section 20, T19S, R37E



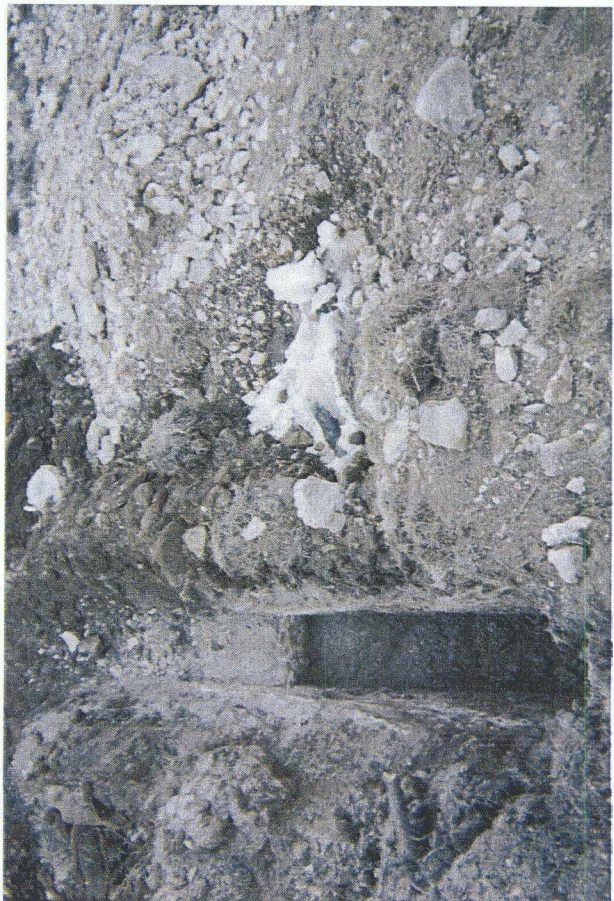
Site prior to excavation

2/25/2010



Sample being taken

2/25/2010



Final excavation

2/25/2010



Seeding excavation

3/09/2010





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

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

Receiving Date: 02/25/10  
Reporting Date: 03/01/10  
Project Number: NOT GIVEN  
Project Name: EME I-20 EOL 19/37  
Project Location: EME I-20 EOL 19/37

Sampling Date: 02/25/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM

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)	CI* (mg/kg)
------------	-----------	--	--	----------------

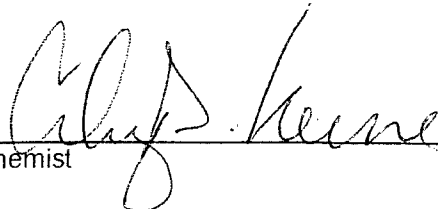
ANALYSIS DATE	02/27/10	02/27/10	02/26/10
H19346-1 SOURCE GRAB @ 6FT.	<10.0	54.6	< 16
Quality Control	422	461	500
True Value QC	500	500	500
% Recovery	84.4	92.2	100
Relative Percent Difference	7.4	3.6	2.0

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.

Reported on wet weight.

COPY

  
\_\_\_\_\_  
Chemist

03/01/10  
\_\_\_\_\_  
Date

H19346 TCL 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.



# ARDINAL LABORATORIES

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: Rice Operating Company		P.O. #:		Analysis Request	
Project Manager: Bruce Baker		Company:		Chlorides	
Address: 122 West Taylor		Attn:		TPH 8015 M	
City: Hobbs		Address:		BTEX	
Phone #: 575-393-9174		City:		Texas TPH	
Project #:		State:			
Project Name: EME I-20 EOL 19/37		Phone #:			
Project Location: EME I-20 EOL 19/37		Fax #:			
Sampler Name: Jordan Woodfin		Matrix		Preserv	
FOR LAB USE ONLY		# CONTAINERS		DATE	
Lab I.D.		(G)RAB OR (C)OMP		TIME	
Sample I.D.		GROUNDWATER		ACID/BASE:	
H193461 Source grab @ 6ft		WASTEWATER		ICE / COOL	
		SLUDGE		OTHER:	
		OIL		OTHER:	
		SOIL			
		✓		✓	
		1		2-25-10	
Relinquished By:		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Jordan Woodfin		Jordan Woodfin		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished By:		Received By:		Add'l Phone #:	
Date: 2-25-10		Date: 2/25/10		Add'l Fax #:	
Time: 4:10		Time: 4:10		Remarks:	
Delivered By: (Circle One)		Sample Condition		email results	
Sampler - UPS - Bus - Other:		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		jwoodfin@riceswd.com; jpurvis@riceswd.com	
		Yes <input type="checkbox"/> No <input type="checkbox"/>		bbaker@riceswd.com	
		Checked By: (initials)			
		Jodi Benson			

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

NEED SAMPLES BACK, PLEASE

92#

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
PHONE: (575) 393-9174 FAX: (575) 397-1471  
PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

Model: PGM 7300  
Model: PGM 7300  
Model: PGM 7300

Serial No: 590-000183  
Serial No: 590-000508  
Serial No: 590-000504

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Model: PGM 7600  
Model: PGM 7600  
Model: PGM 7600

Serial No: 110-023920  
Serial No: 110-013744  
Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 99.9

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-20 EOL	I	20	195	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
2'	2.1	6"	0
3'	3		
4'	2.4		
5'	2.5		
6'	6		

COPY

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

SIGNATURE:

*Jordan Wood*

DATE: 2-25-11

EME I-20 EOL

Unit 'I', Sec. 20, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2	120
3	118
4	112
5	114
6	115

Groundwater = 37 ft

