

1R - 427-328

REPORTS

DATE:

8-19-10

1R427-328

**EME P-25 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		
							Length	Width	Depth
Eunice-Monument-Eumont (EME)	P-25 EOL	P	25	20S	36E	Lea	Eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie T. Cooper etux. Betty OTHER _____

Depth to Groundwater 106 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 4/13/2010 Date Completed 4/13/2010 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 4/13/2010 Sample Depth 6 ft

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

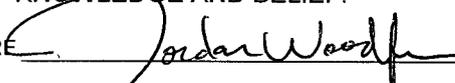
Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 6' GRAB	1.1	<10.0	<10.0	<16

CHLORIDE FIELD TESTS		
LOCATION	DEPTH	mg/kg
background	6"	113
vertical delineation trench at the junction (source)	2	95
	3'	85
	4'	87
	5'	89
	6'	113

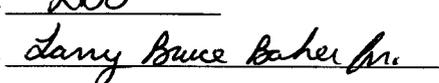
General Description of Remedial Action: This junction and line were eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5X3X6-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. 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 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 4/13/2010, 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) screenings, 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  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-19-10

Unit P, Section 25, T20S, R36E

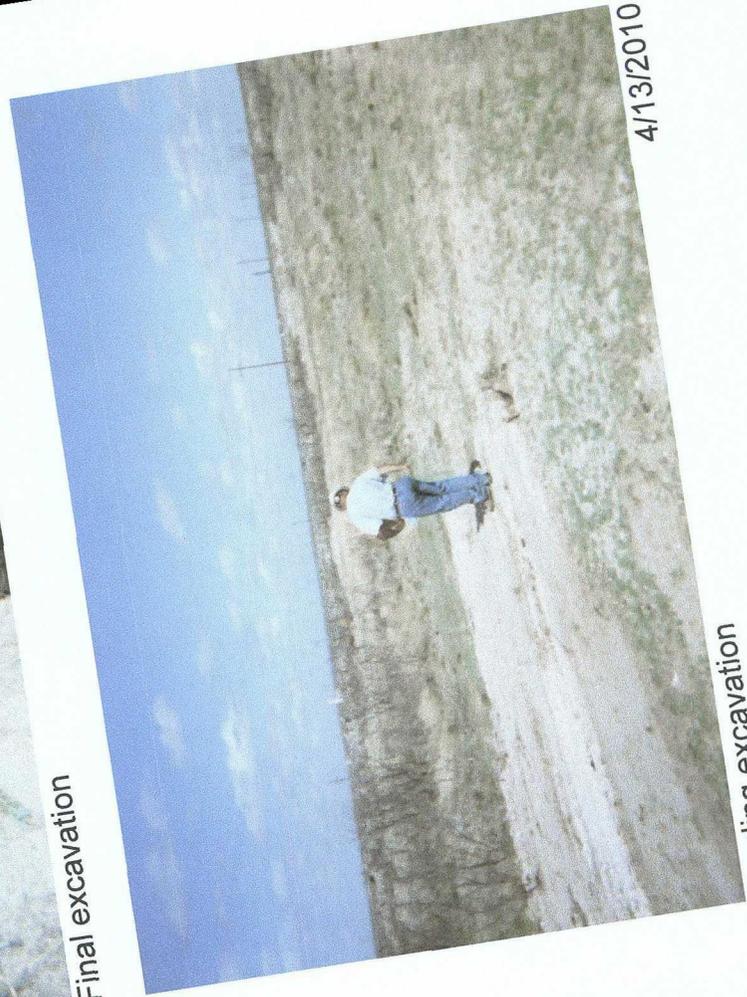
EME P-25 EOL



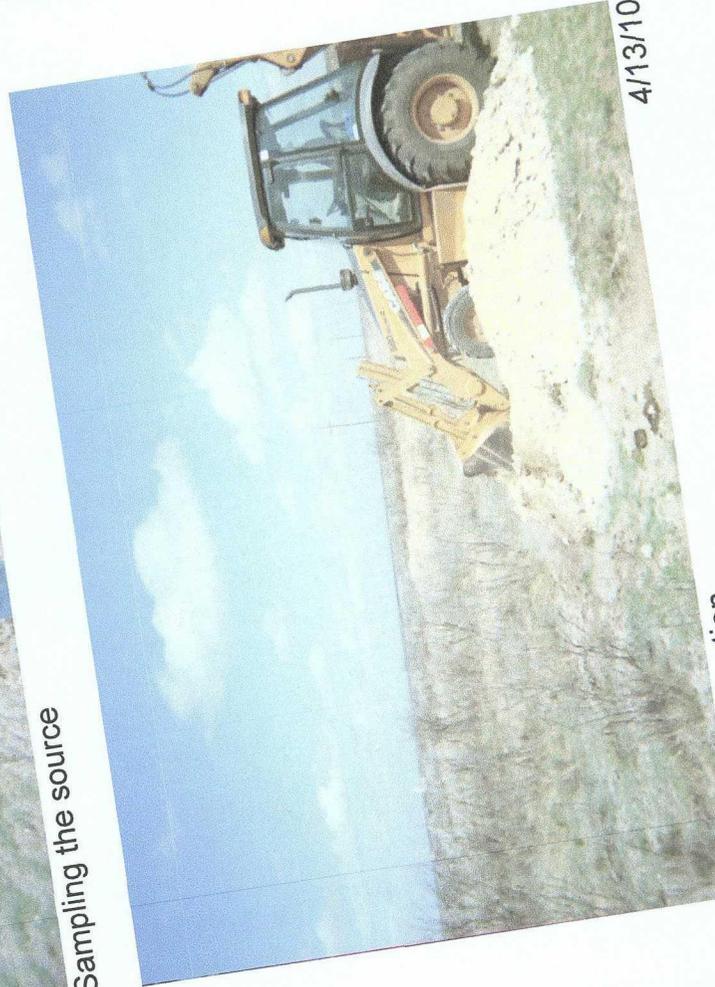
Final excavation



Sampling the source



Seeding excavation



Backfilling excavation



ARDINAL LABORATORIES

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

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

Receiving Date: 04/13/10
Reporting Date: 04/19/10
Project Number: NOT GIVEN
Project Name: EME P-25 EOL (20/36)
Project Location: EME P-25 EOL (20/36)

Sampling Date: 04/13/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		04/15/10	04/15/10	04/14/10
H19668-1**	SOURCE BTM GRAB @ 6FT	<10.0	<10.0	<16
Quality Control		485	564	500
True Value QC		500	500	500
% Recovery		97.0	113	100
Relative Percent Difference		0.1	0.4	<0.1

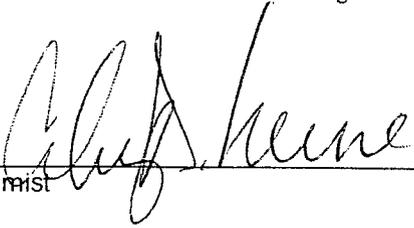
COPY

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.

**One or more TPH surrogates outside historical limits due to matrix interference.



Chemist



Date

H19668 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.



CARDINAL 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Rice Operating Company

Project Manager: Bruce Baker

Address: 122 West Taylor

City: Hobbs

Phone #: 575-393-9174

Project #:

Project Name: EME P-25 EOL 20/30

Project Location: EME P-25 EOL 20/30

Sampler Name: Jordan Woodfin

Use only

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Preserv:

Sampling

Lab I.D. Sample I.D.

H19681 Source Unknown

(G)RAB OR (C)OMP.	1
# CONTAINERS	1
GROUNDWATER	
WASTEWATER	
SOIL	<input checked="" type="checkbox"/>
OIL	
SLUDGE	
OTHER	
ACID/BASE:	
ICE / COOL	<input checked="" type="checkbox"/>
OTHER	

DATE TIME 4/3/02 2:29p

Chlorides
TPH 8015 M
BTEX
Texas TPH

COPY

DISCLAIMER: 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 the client for the 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 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Jordan Woodfin

Date: 4/2/02

Time: 9:01

Received By: [Signature]

Date: 4/3/02

Time: 9:01

Received By: [Signature]

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition Cool Intact Yes Yes No No

CHECKED BY: [Signature]

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:

email results
jwoodfin@riceswd.com; jpurvis@riceswd.com
bbaker@riceswd.com

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

#26

NEED SAMPLES BACK, PLEASE

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"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	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: 98.4

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	P-25 EOL	P	25	20 S	36E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
2'	3.8	0"	0.2
3'	2.7		
4'	3.0		
5'	3.8		
01	1.1		
		COPY	

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

SIGNATURE:

DATE: 4-13-10

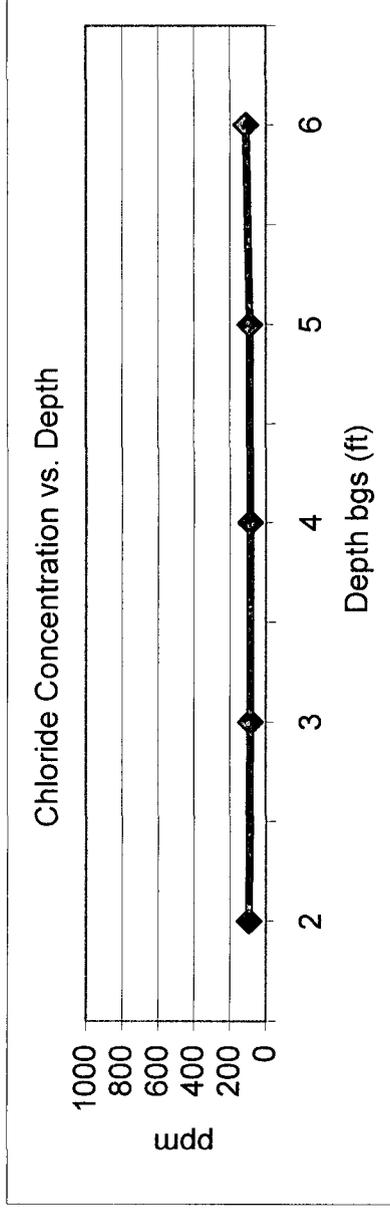
CHLORIDE CONCENTRATION CURVE

EME P-25 EOL

Unit 'P', Sec. 25, T20S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	95
3	85
4	87
5	89
6	113



Groundwater = 106 ft