

1R - 427-315

**REPORTS**

**DATE:**

4-3-09

EME Arco 'B' EOL

2009

1R427-315

RECEIVED

APP - 6 2010

Environmental Bureau  
Oil Conservation Division

**CLOSURE**

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

RECEIVED

ADD - 6 2010

Environmental Bureau  
Conservation Division

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Arco 'B' EOL	1	8	21S	36E	Lea	Length	Width	Depth
							eliminated		

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

Depth to Groundwater 184 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 11/20/2008 Date Completed 11/20/2008 OCD Witness no

Soil Excavated 4 cubic yards Excavation Length 5 Width 3 Depth 7 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 11/20/2008 Sample Depth 7 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 7' GRAB	1.8	<10.0	<10.0	32

LOCATION	DEPTH	mg/kg
background	6"	83
vertical delineation trench at the junction (source)	3'	148
	4'	177
	5'	114
	6'	114
	7'	123

**General Description of Remedial Action:** This junction box 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 5x3x7-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, 7 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 12/1/2008, 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) screenings, chloride curve

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

SITE SUPERVISOR Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 4-3-09

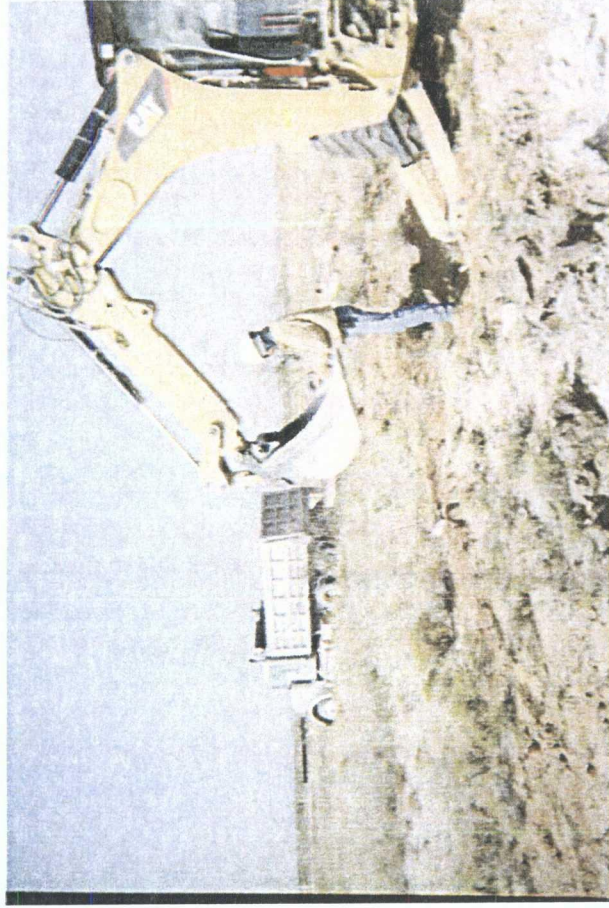
## EME Arco 'B' EOL

Unit I, Section 8, T21S, R36E



former junction box location

11/20/2008



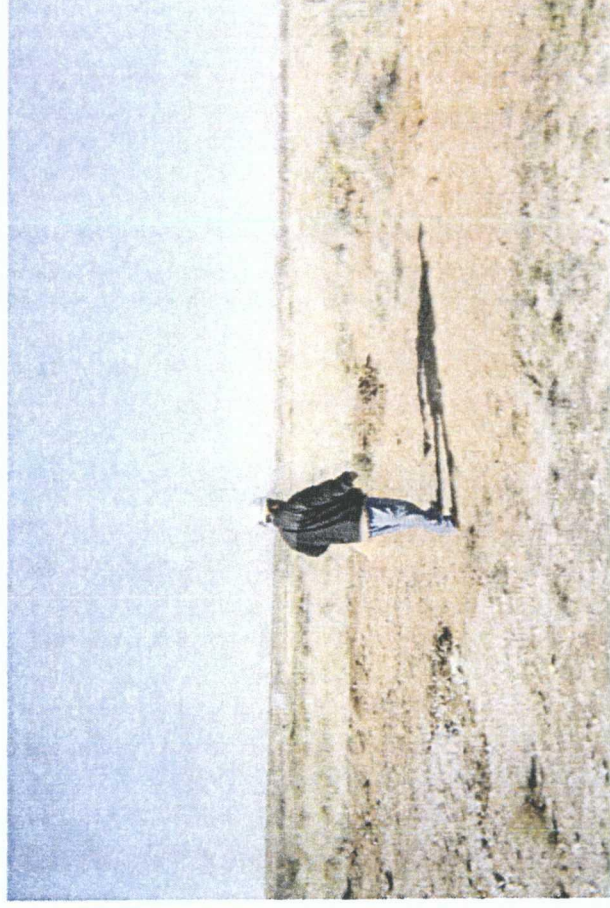
collecting a soil sample

11/20/2008



backfilling excavation

11/20/2008



seeding backfilled site

12/1/2008





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

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

Receiving Date: 11/20/08  
Reporting Date: 11/24/08  
Project Number: NOT GIVEN  
Project Name: EME ARCO-B-EOL  
Project Location: EME ARCO B EOL

Sampling Date: 11/20/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

COPIES

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)
		11/21/08	11/21/08	11/20/08
H16371-1	SOURCE GRAB @ 7'	<10.0	<10.0	32
Quality Control		586	517	500
True Value QC		500	500	500
% Recovery		117	103	100
Relative Percent Difference		10.9	0.1	<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

Date

H16371 TCL RICE

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## ARDINAL LABORATORIES

• Rice coating

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Relinquished By:		Date: 11-20-08		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 3:55		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:				REMARKS:			
Time:						EMAIL TO B. BAKER RICE SWD.COM			
Delivered By: Davey Mitchell						I PURVIS RICE SWD.COM			
Sampler - UPS - Bus - Other:				Sample Condition		CHECKED BY:			
				Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
						(Initials) [Signature]			

† 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 7600  
MODEL: PGM 7600  
MODEL: PGM 7600  
MODEL: PGM 7600

SERIAL NO: 110-013676  
SERIAL NO: 110-013744  
SERIAL NO: 110-12383  
SERIAL NO: 110-012920



GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08345	EXPIRATION DATE: 2-29-09
FILL DATE: 2-29-08	METER READING ACCURACY: 101

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EMF	ARCO B E01	I	8	21	36

SAMPLE ID	PID	SAMPLE ID	PID
3	4.3	Background	0.1
4	4.9		
5	3.8		
6	2.6		
7	1.8		

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

SIGNATURE: Daniel M. Baker

DATE: 11-20-08

# CHLORIDE CONCENTRATION CURVE

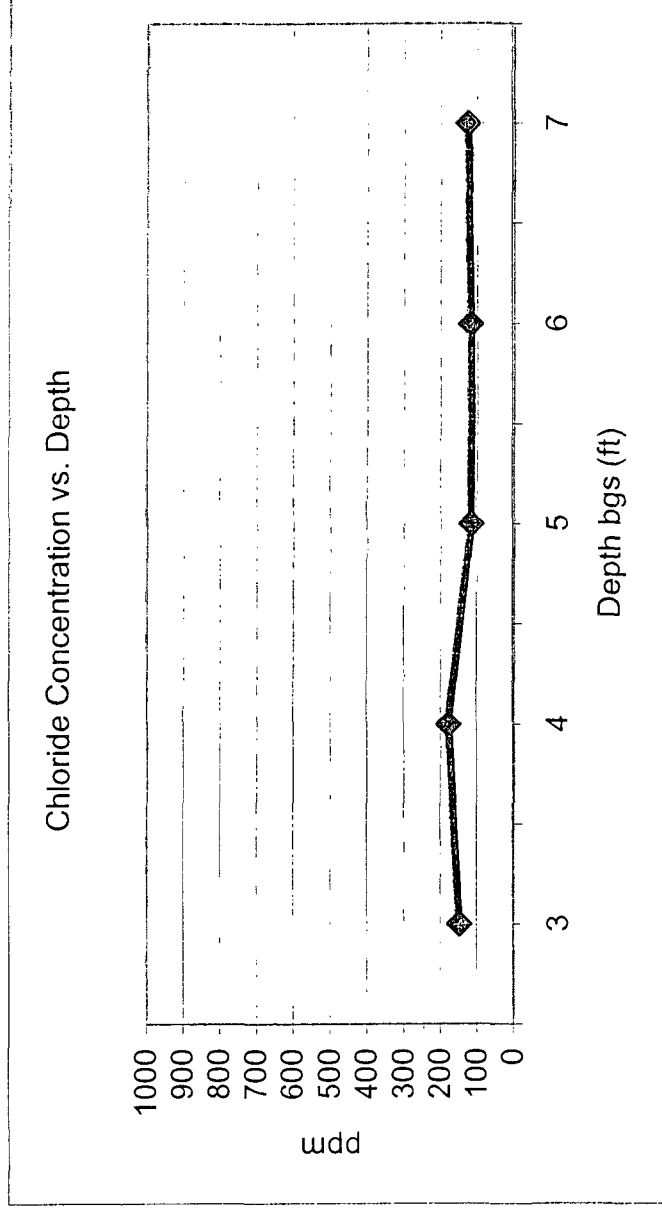
RICE Operating Company

## EME Arco 'B' EOL

Unit 'I', Sec. 8, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
3	148
4	177
5	114
6	114
7	123



Groundwater = 184 ft