

1R - 427-332

REPORTS

DATE:

1-29-11

1R427-3

EME Jct. M-13

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 (EME)	Jct. M-13	M	13	20S	36E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie Cooper OTHER _____

Depth to Groundwater 26 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/17/2010 Date Completed 9/17/2010 OCD Witness no

Soil Excavated 4.4 cubic yards Excavation Length 5 Width 2 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/17/2010 Sample Depth 12 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 12' GRAB	0.0	<10.0	<10	192

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6	115
vertical delineation trench at the junction (source)	5'	86
	6'	114
	7'	120
	8'	85
	9'	87
	10'	83
	11'	57
	12'	57

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, 12 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 9/17/2010, 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 Robert Egans SIGNATURE *Robert Egans* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-29-11

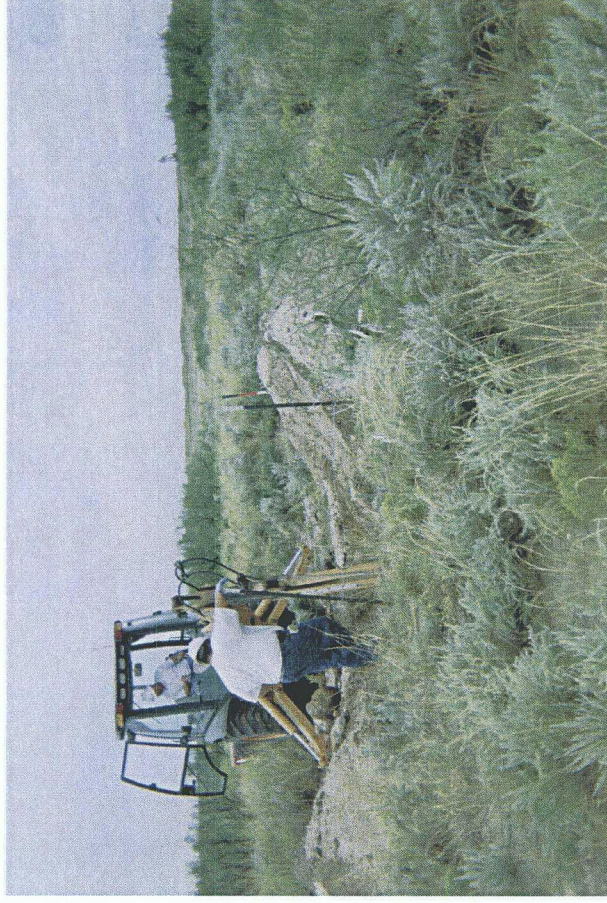
EME Junction M-13

Unit M, Section 13, T20S, R36E



Site prior to excavating

9/17/2010



Delineation trench being excavated

9/17/2010



Backfilling excavation

9/17/2010



Seeding excavation

9/17/2010

Analytical Results For:

 Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 09/17/2010
 Reported: 09/21/2010
 Project Name: EME JCT M-13 (20/36)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/17/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @ 12' (H020883-01)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: HM
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/21/2010	ND	416	104	400	3.77		
TPH 8015M			mg/kg							Analyzed By: AB
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	S-04
GRO C6-C10	<10.0	10.0	09/20/2010	ND	174	87.1	200	2.17		
DRO >C10-C28	<10.0	10.0	09/20/2010	ND	165	82.4	200	0.797		
Surrogate: 1-Chlorooctane	93.6 %	70-130								
Surrogate: 1-Chlorooctadecane	45.4 %	70-130								

COPY

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

BILL TO		ANALYSIS REQUEST																	
Company Name: <u>Rice Operating Company</u>		P.O. #:		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:	
Project Manager: <u>Bruce Baker</u>		City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>		Phone #:		City:		State:		Zip:		Phone #:		Fax #:	
Project #:		Project Owner:		Project Name:		Project Location: <u>FME IGT M-13 (20136)</u>		Sampler Name: <u>Robert Evans</u>		Matrix:		Preserv:		Sampling:		Date:		Time:	
Lab I.D.		Sample I.D.		(G)RAB OR (COMP)		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:	
ACID/BASE		ICE / COOL		OTHER:		DATE		TIME		TPT		GOLSM		- 70					
<u>420883</u>	<u>Source @ 12'</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>

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Relinquished By: <u>Robert</u>	Date: <u>9/17/10</u>	Received By: <u>Jodi Benson</u>	Time: <u>13:15</u>
Delivered By: (Circle One) Sampler <input checked="" type="checkbox"/> UPS - Bus - Other: <input type="checkbox"/>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>Jodi Benson</u> (Initials)	REMARKS: <u>E-Mail Results To: K Jones @ Rice Sund . com</u> <u>Baker</u> <u>Kegan</u>

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

#26

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:

✓

Model: PGM 7300

Serial No: 590-000183

Model: PGM 7300

Serial No: 590-000508

Model: PGM 7300

Serial No: 590-000504

Model: PGM 7600

Serial No: 110-023920

Model: PGM 7600

Serial No: 110-013744

Model: PGM 7600

Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 925621	EXPIRATION DATE: 9-27-2012
FILL DATE:	METER READING ACCURACY: 600ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	M-13	M	13	20	36

SAMPLE ID	PID	SAMPLE ID	PID
Background	0		
Source 5'	0		
6'	0		
7'	0		
8'	0		
9'	0		
10'	0		
12'	0		
12'	0		

COPY

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

SIGNATURE:

Robert J. ...

DATE:

9-17-2010

CHLORIDE CONCENTRATION CURVE

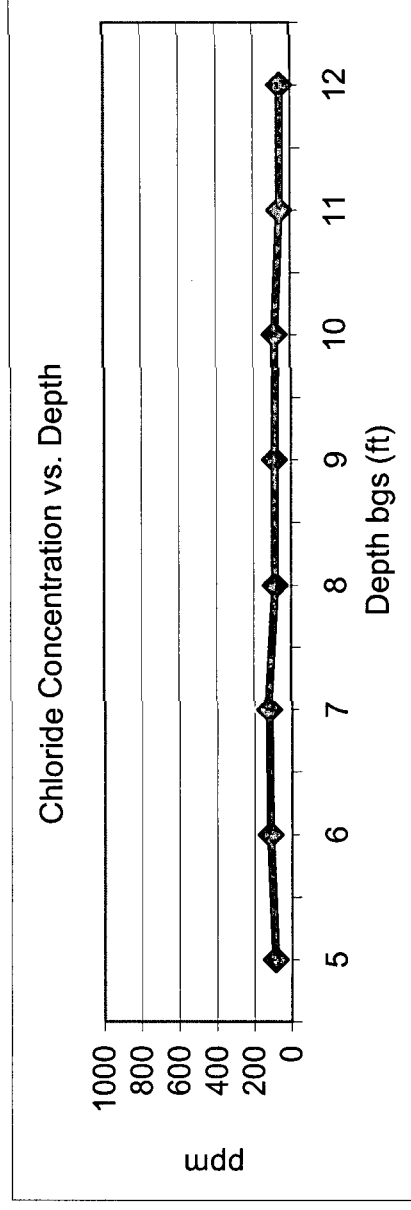
RICE Operating Company

EME Junction M-13

Unit 'M', Sec. 13, T20S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ⁻ ppm
5	86
6	114
7	120
8	85
9	87
10	83
11	57
12	57



Groundwater = 26 ft.