

1R - 427-254

REPORTS

DATE:

02-02-09

EME Jct I-1

1R427-25#

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)	Jct. I-1	I	1	20S	37E	Lea	Length 6'	Width 4'	Depth 4'
							eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 55 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/18/2008 Date Completed 9/18/2008 OCD Witness no

Soil Excavated 8 cubic yards Excavation Length 5 Width 3 Depth 15 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/18/2008 Sample Depth 15 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 15' GRAB	0.0	<25.0	<25.0	352

General Description of Remedial Action: This junction 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 5x3x15-ft-deep excavation. Chloride field tests performed on each sample yielded generally low concentrations that decreased with depth. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 15 ft BGS, was analyzed by a commercial laboratory for chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation and clean blow sand was used as a top cap and to contour the site to the surrounding area. On 9/29/2008, 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

LOCATION	DEPTH	mg/kg
background	6"	173
vertical delineation trench at the junction (source)	5'	552
	6'	329
	7'	722
	8'	651
	9'	652
	10'	772
	11'	785
	12'	753
	13'	727
	14'	704
	15'	436

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 2-2-09

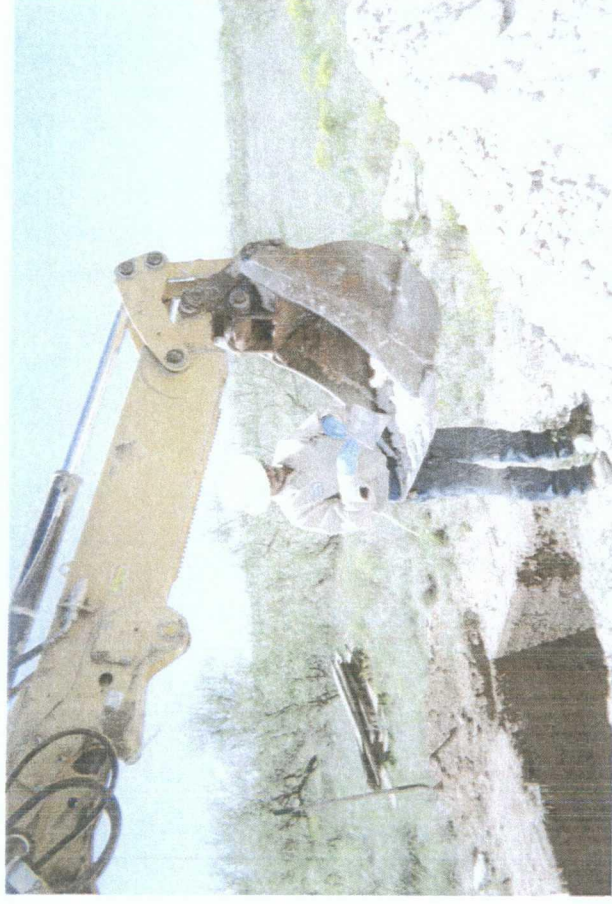
EME Jct. I-1

Unit I, Section 1, T20S, R37E



undisturbed junction box

9/18/2008



collecting a soil sample

9/18/2008



site prior to backfill

9/18/2008



seeding backfilled site

9/29/2008



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

COPY

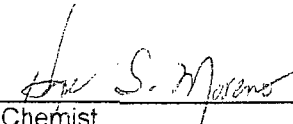
Receiving Date: 09/18/08
Reporting Date: 09/19/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME JCT. I-1

Sampling Date: 09/18/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/TR

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		09/19/08	09/19/08	09/19/08
H15948-1	INITIAL SOURCE @ 15FT.	<25.0	<25.0	352
Quality Control		483	477	490
True Value QC		500	500	500
% Recovery		96.6	95.4	98.0
Relative Percent Difference		14.7	19.7	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

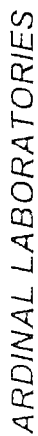
*Analysis performed on a 1:4 w:v aqueous extract.


Chemist

09-22-08
Date

H15948 TCL RICE

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101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page _____ of _____

Company Name: Rice Operating		P.O. #:		Company: SAME		P.O. #:	
Project Manager: Darrell Mitchell		Attn:		Address:		Attn:	
Address: 122 W. Taylor		City: Hobbs		State: NM		Zip: 88240	
Phone #: 575-397-1471		Fax #: 575-397-1471		City:		State:	
Project #:		Project Owner:		Phone #:		Fax #:	
Project Name:		Project Location:		Project #:		Fax #:	
Sampler Name: Darrell Mitchell		Sample I.D.:		Date:		Time:	
Lab I.D.		Sample I.D.		Date		Time	
H13948-L		INITIAL SOURCE OILS		9-18-08		8:35pm	
FOR LAB USE ONLY		# CONTAINERS		(G) RAB OR (C) COMP		1	
MATRIX		PRESERV		SAMPLING		DATE	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL		OTHER		DATE		TIME	
GROUNDWATER		ACID/BASE		ICE / COOL		OTHER	
WASTEWATER		SLUDGE		SOIL		OIL	
OIL		OTHER		DATE		TIME	
SLUDGE		OTHER		DATE		TIME	
OIL							

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK. ☐
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

COPY

model PGM 7300

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-08	METER READING ACCURACY: 99.9

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	I-1	I	1	20S	R-37E

INITIAL SOURCE

SAMPLE ID	PID	SAMPLE ID	PID
5	0.0		
6	0.0		
7	0.0		
8	0.0		
9	0.0		
10	0.0		
11	0.0		
12	0.0		
13	0.0		
14	0.0		
15	0.0		

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

SIGNATURE: *Danell Mitchell*

DATE: 9-18-08

CHLORIDE CONCENTRATION CURVE

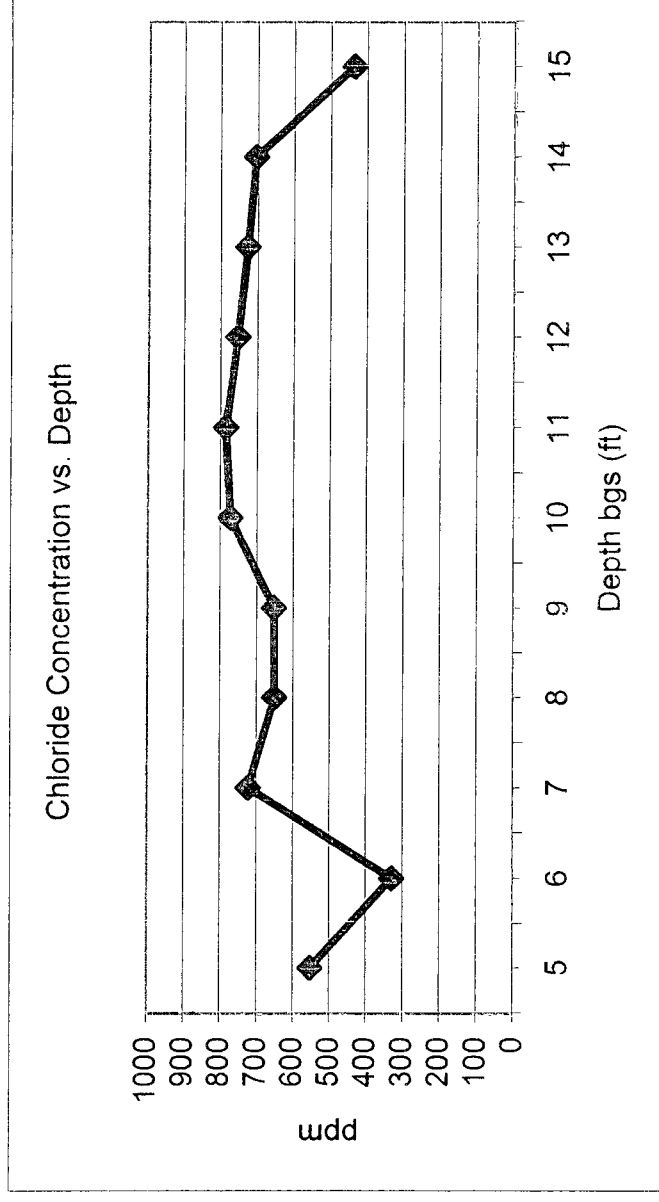
RICE Operating Company

EME Jct. I-1

Unit "I", Sec. 1, T20S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5	552
6	329
7	722
8	651
9	652
10	772
11	785
12	753
13	727
14	704
15	436



Groundwater = 55 ft