

1R - 427-342

REPORTS

DATE:

3-23-11

1R427-342

**EME B-10 EOL
2010**

RECEIVED

APR -1 2011

Oil Conservation Division
1229 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	B-10 EOL	B	10	21S	36E	Lea	Eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Millard Deck OTHER _____

Depth to Groundwater 200 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/15/2010 Date Completed 9/15/2010 OCD Witness no

Soil Excavated 3.7 cubic yards Excavation Length 5 Width 2 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/15/2010 Sample Depth 10 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 10' GRAB	0.0	<10.0	282	96

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6	86
vertical delineation trench at the junction (source)	5'	113
	6'	85
	7'	91
	8'	142
	9'	141
	10'	139

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, 10 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 9/15/2010, 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 3-23-11

EME B-10 EOL

Unit B, Section 10, T21S, R36E



Site prior to excavation

9/15/2010



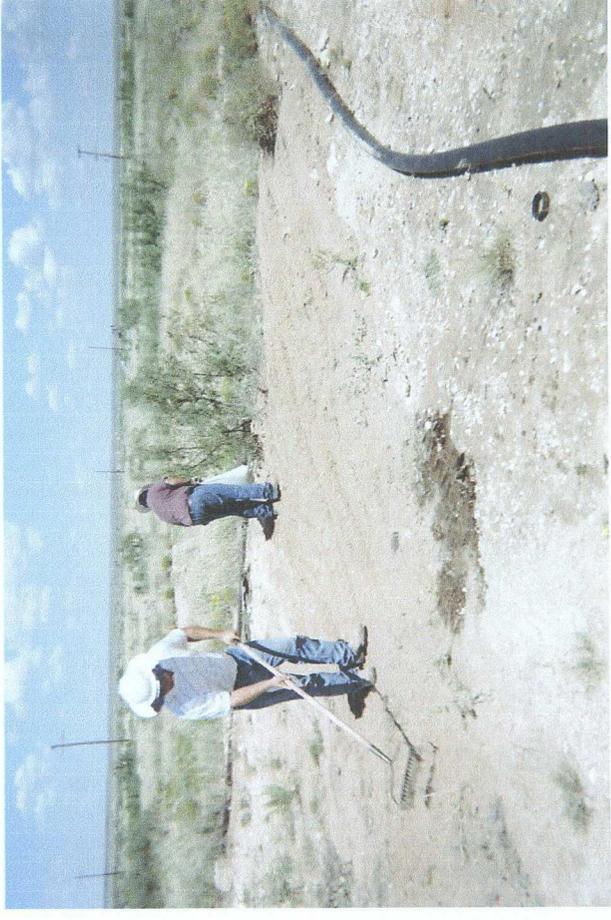
Delineation Trench being excavated

9/15/2010



Collecting sample

9/15/2010



Seeding excavation

9/15/2010

Analytical Results For:

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

Received:	09/15/2010	Sampling Date:	09/15/2010
Reported:	09/20/2010	Sampling Type:	Soil
Project Name:	EME B-10 EOL (21/36)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOURCE @ 10' (H020862-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/16/2010	ND	464	116	400	3.51		
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/18/2010	ND	165	82.5	200	2.83		
DRO >C10-C28	282	10.0	09/18/2010	ND	164	82.1	200	0.607		

Surrogate: 1-Chlorooctane 90.7 % 70-130
 Surrogate: 1-Chlorooctadecane 86.5 % 70-130

COPY

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO :	EXPIRATION DATE: <i>9-27-2012</i>
FILL DATE:	METER READING ACCURACY: <i>100ppm</i>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>EME</i>	<i>B-10 EOL</i>	<i>B</i>	<i>10</i>	<i>21</i>	<i>36</i>

SAMPLE ID	PID	SAMPLE ID	PID
<i>Source 5'</i>	<i>0</i>	<i>Background</i>	<i>0</i>
<i>6'</i>	<i>0</i>		
<i>7'</i>	<i>0</i>		
<i>8'</i>	<i>0</i>		
<i>9'</i>	<i>0</i>		
<i>10'</i>	<i>0</i>		

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

SIGNATURE: *Robert [Signature]*

DATE: *3-22-2011*

CHLORIDE CONCENTRATION CURVE

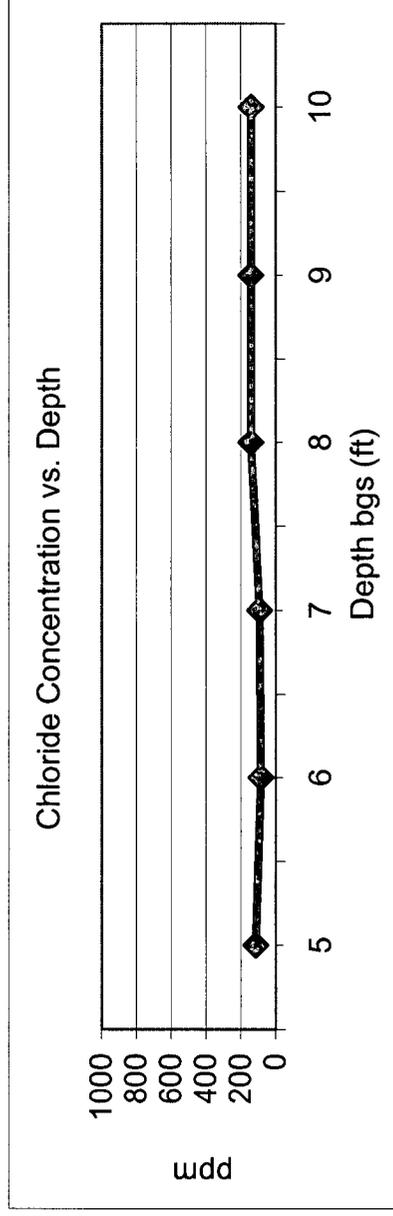
RICE Operating Company

EME B-10 EOL

Unit 'B', Sec. 10, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
5	113
6	85
7	91
8	142
9	141
10	139



Groundwater = 200 ft.