

1R - 427-353

REPORTS

DATE:

2-24-11

1R427-353

EME I-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)	I-25 EOL	I	25	19S	36E	Lea	Eliminated		

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

Depth to Groundwater 43 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/6/2010 Date Completed 12/6/2010 OCD Witness no

Soil Excavated 2.6 cubic yards Excavation Length 5 Width 2 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 12/6/2010 Sample Depth 7 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 7' GRAB	0.0	<10.0	<10	32

CHLORIDE FIELD TESTS		
LOCATION	DEPTH	mg/kg
Background	6"	58
vertical delineation trench at the junction (source)	3'	61
	4'	58
	5'	55
	6'	90
	7'	84

General Description of Remedial Action: This junction and line were eliminated during the pipeline/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect samples at regular intervals producing a 5X2X7-ft. deep excavation. Chloride field test 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 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 of each. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 12/06/2010, 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 graph

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

SITE SUPERVISOR Dak Harris SIGNATURE *Dak Harris* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL *ZC*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 2-24-11

EME I-25 EOL

Unit I, Section 25, T19S, R36E



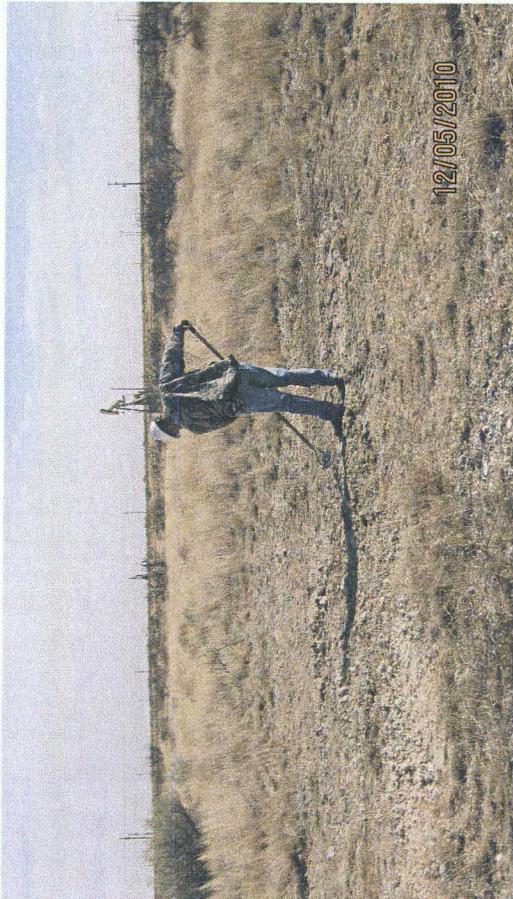
Sampling initial vertical delineation trench

12/06/2010



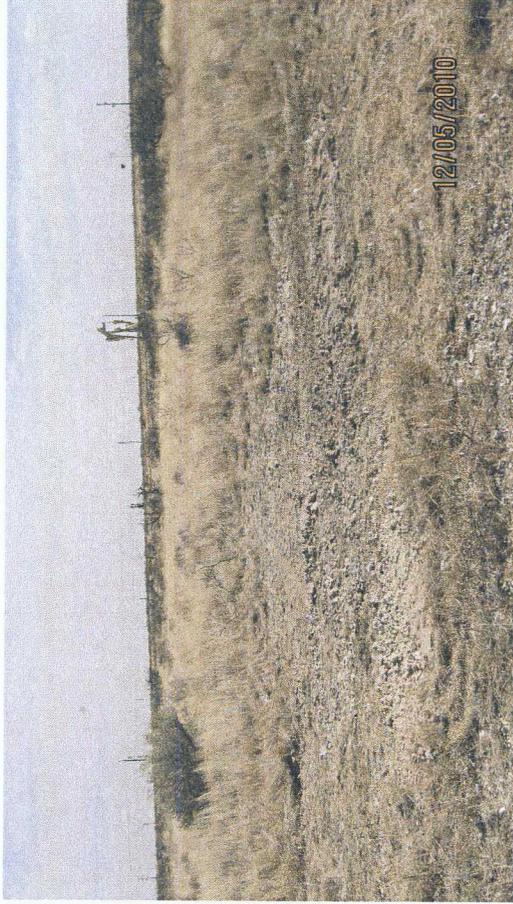
Seeding site

12/06/2010



Raking in seed

12/06/2010



Site final photo

12/06/2010

Analytical Results For:

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

Received:	12/06/2010	Sampling Date:	12/06/2010
Reported:	12/08/2010	Sampling Type:	Soil
Project Name:	EME I-25 EOL (19/36)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOURCE @ 7' (H021456-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/07/2010	ND	432	108	400	0.00	

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	12/08/2010	ND	193	96.5	200	19.4	
DRO >C10-C28	<10.0	10.0	12/08/2010	ND	190	94.8	200	9.14	

Surrogate: 1-Chlorooctane 92.9 % 70-130
 Surrogate: 1-Chlorooctadecane 102 % 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: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input checked="" type="checkbox"/>
MODEL	<input type="checkbox"/>
NO.	<input type="checkbox"/>

MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL: PGM 7300	SERIAL NO: 590-000504
MODEL: PGM 7320	SERIAL NO: 592-903318
MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>925621</u>	EXPIRATION DATE: <u>9/27/12</u>
METER READING ACCURACY: <u>100</u>	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>EME</u>	<u>I-25 FOL</u>	<u>I</u>	<u>25</u>	<u>19</u>	<u>36</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Background @ 6'</u>	<u>0</u>		
<u>3'</u>	<u>0.5</u>		
<u>4'</u>	<u>0.3</u>	COPY	
<u>5'</u>	<u>0.1</u>		
<u>6'</u>	<u>0.2</u>		
<u>7'</u>	<u>0</u>		

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

SIGNATURE: Dob Harris

DATE: 12/6/10

CHLORIDE CONCENTRATION CURVE

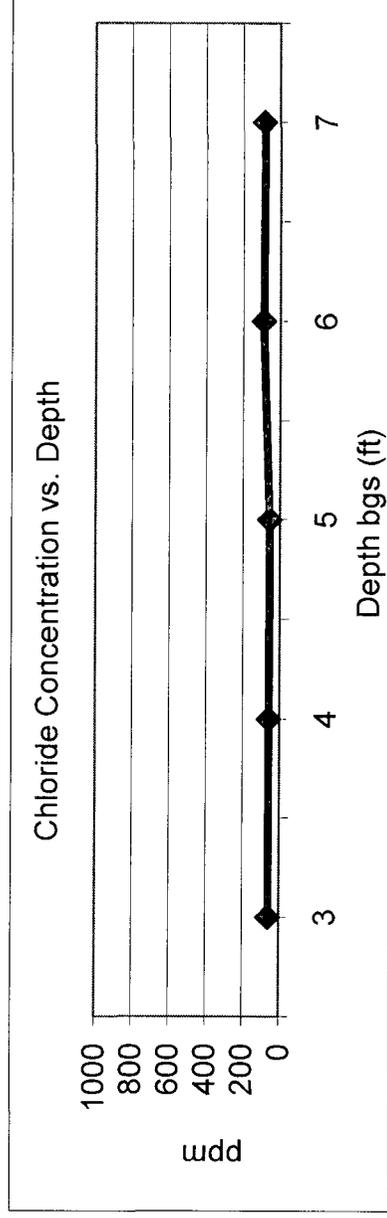
RICE Operating Company

EME I-25 EOL

Unit 'I', Sec. 25, T19S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
3	61
4	58
5	55
6	90
7	84



Groundwater = 43 ft.