

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		
Eunice Monument Eumont	B-10 EOL	B	10	21S	36E	Lea	Length	Width	Depth
							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



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

Analytical Results For:

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

Received: 09/15/2010
Reported: 09/20/2010
Project Name: EME B-10 EOL (21/36)
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 09/15/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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:

✓

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: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO :	EXPIRATION DATE: 9-27-2012
FILL DATE:	METER READING ACCURACY: 100ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	B-10 EOL	B	10	21	36

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

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

SIGNATURE:

Robert Jones

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.

