

1R - 426-173

REPORTS

DATE:

7-3-08

BD Mayne & Mertz EOL

1R426-173

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		
Blinebry-Drinkard (BD)	Mayne & Mertz EOL	G	23	21S	37E	Lea	Length	Width	Depth
							moved 15 ft. west		

George Weir & Sue Ellen

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

Depth to Groundwater 53 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40

Date Started 2/5/2008 Date Completed 2/5/2008 OCD Witness no

Soil Excavated 5.6 cubic yards Excavation Length 5 Width 3 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/5/2008 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	<10.0	64
BACKFILL	0.0	<10.0	<10.0	80

CHLORIDE FIELD TESTS

General Description of Remedial Action: This junction box site was addressed under the pipeline replacement/upgrade program. A new, water-tight junction box was built 15 feet west. A backhoe was used to collect soil samples at regular intervals producing a 5x3x10-ft-deep hole. Chloride field tests revealed low concentrations throughout. Organic vapors were measured using a PID, which also revealed low concentrations. Commercial laboratory analyses confirmed that the samples were low in chloride and organics. The site was then backfilled using blended soil. On 2/5/2008 the site was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

LOCATION	DEPTH	mg/kg
vertical delineation trench at junction	1'	160
	2'	137
	3'	276
	4'	149
	5'	194
	6'	253
	7'	136
	8'	192
	9'	177
	10'	130
backfill comp.	n/a	153

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.

REPORT

ASSEMBLED BY Katie Jones INITIAL KJ

COMPANY RICE OPERATING COMPANY

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker

DATE 2-3-08

BD Mayne & Mertz EOL

Unit G, Section 23, T21S, R37E



undisturbed junction box

2/24/2004



source being excavated

2/05/2008



seeding of site

2/05/2008



back dragging site

2/05/2008



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

COPY

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: BRUCE BAKER
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 02/06/08
Reporting Date: 02/07/08
Project Owner: NOT GIVEN
Project Name: BD MAYNE & MERTZ EOL
Project Location: BD MAYNE & MERTZ EOL

Sampling Date: 02/05/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
		02/06/08	02/06/08	02/06/08
H14207-1	SOURCE 10' GRAB	<10.0	<10.0	64.0
H14207-2	BLENDED BACKFILL	<10.0	<10.0	80.0
	Quality Control	568	415	500
	True Value QC	500	500	500
	% Recovery	114	83.0	100
	Relative Percent Difference	0.2	9.6	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.

FEB 11 2008

FILED
HOBBS

Cathy D. Keene
Chemist

02/07/08
Date

H14207TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rice Operating Co.	BILL T
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.
 MODEL
 NO.

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/12/09
FILL DATE: 10/12/07	METER READING ACCURACY: 99.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	MAYNE + Mertz EOL	G	23	21S	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
1'	0	Blended Backfill	0
2'	0		
3'	0	Spt. Surface Comp.	0
4'	0		
5'	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:

Bruce Baker

DATE:

2-5-08

BD Mayne & Mertz EOL

unit 'G', Sec. 23, T21S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
1	160
2	137
3	276
4	149
5	194
6	253
7	136
8	192
9	177
10	130

Groundwater = ft

