

1R - 426-226

REPORTS

DATE:

1-14-10

BD J-25 EOL

2009

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

1R426-226

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION							BOX DIMENSIONS - FEET		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	Length	Width	Depth
Blinebry-Drinkard (BD)	J-25 EOL	J	25	21S	36E	Lea	eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER George Brownlee OTHER _____

Depth to Groundwater 148 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20*

Date Started 7/20/2009 Date Completed 7/20/2009 OCD Witness no

Soil Excavated 5.0 cubic yards Excavation Length 3 Width 5 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/20/2009 Sample Depth 9 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 9' GRAB	6.2	<10.0	<10.0	240

LOCATION	DEPTH	mg/kg
background	6"	120
vertical delineation trench at the junction (source)	5'	239
	6'	588
	7'	396
	8'	299
	9'	236

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. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 9 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 8/13/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*A water well is located 1200 ft northeast of the site.

enclosures: photos, lab results, PID (field) screenings, chloride curve

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

SITE SUPERVISOR Eric Garrison SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-14-10

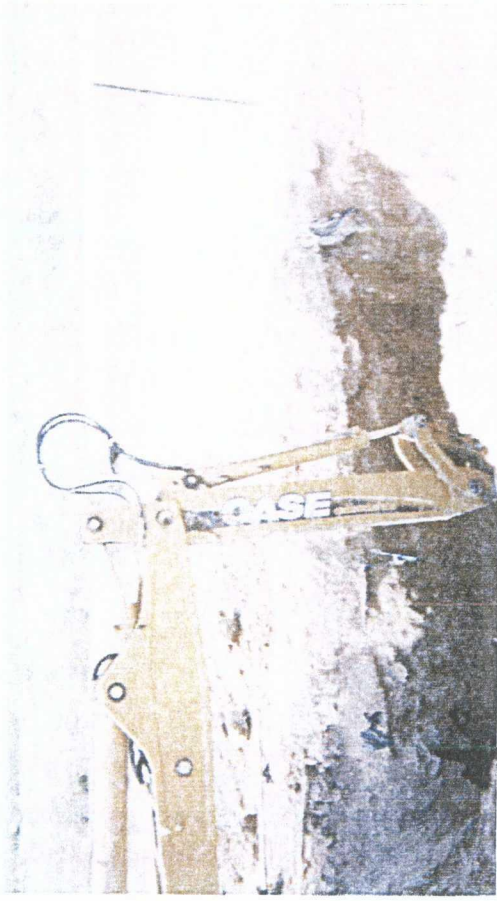
BD J-25 EOL

Unit J, Section 25, T21S, R36E



site prior to excavating, facing south

7/20/2009



excavating the former junction box site, facing north

7/20/2009



collecting a soil sample, facing south

7/20/2009



seeding the backfilled site, facing south

8/13/2009



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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: ERIC GARRISON
122 W. TAYLOR
HOBBS, NM 88240

COPY

Receiving Date: 07/20/09
Reporting Date: 07/23/09
Project Number: NOT GIVEN
Project Name: BD JCT J-25 EOL
Project Location: BD JCT J-25 EOL

Sampling Date: 07/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)

ANALYSIS DATE	07/22/09	07/22/09	07/21/09
H17844-1 SOURCE BTM GRAB @ 9'	<10.0	<10.0	240
Quality Control	461	543	500
True Value QC	500	500	500
% Recovery	92.2	109	100
Relative Percent Difference	15.8	12.1	<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.

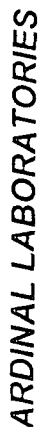
Reported on wet weight.

Chemist

Date

H17844 TCL RICE

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101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

Page of

BILL TO		ANALYSIS REQUEST																	
Company Name: <u>Rice Operating</u>		P.O. #:																	
Project Manager: <u>E. J. B. B. B. B.</u>		Company:																	
Address: <u>122 W Taylor</u>		Attn:																	
City: <u>Hobbs</u>		Address:																	
Phone #: <u>393-9174</u>		City:																	
Project #:		State:																	
Project Name: <u>BD JCT J-25 EOL</u>		Phone #:																	
Project Location: <u>BD JCT J-25 EOL</u>		Fax #:																	
<div style="border: 1px solid black; padding: 5px;"> <p>Lab I.D. <u>H17844-1</u></p> <p>Sample I.D. <u>Source BTM 6/6/96</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p># CONTAINERS</p> <p>(G) RAB OR (C) OMP</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>MATRIX</p> <p>GROUNDWATER <input checked="" type="checkbox"/> SLUDGE <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> WASTEWATER <input type="checkbox"/></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>PRESERV.</p> <p>ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>SAMPLING</p> <p>DATE: <u>1-20-09</u> TIME: <u>10:30</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>8015-MTH</p> <p>LC</p> </div>									
<div style="border: 1px solid black; padding: 5px;"> <p>FOR LAB USE ONLY:</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>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 the client for the 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 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.</p> </div>																	
<div style="border: 1px solid black; padding: 5px;"> <p>Relinquished By: <u>E. J. B. B. B.</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Received By: <u>CB</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Date: <u>1/20/09</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Time: <u>4:40P</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Date: <u>1/20/09</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Time: <u>4:40P</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Temp. <u> </u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Sample Condition</p> <p>Cool <input type="checkbox"/> Intact <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Checked By: <u>CB</u></p> <p>(Initials)</p> </div>			
<div style="border: 1px solid black; padding: 5px;"> <p>Delivered By: (Circle One)</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Sampler Relinquished:</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Phone Result: <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Fax Result: <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>REMARKS: <u>Result</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p><u>Barker@riceswd.com</u></p> <p><u>J.Purvis@riceswd.com</u></p> <p><u>Egarrison@riceswd.com</u></p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Delivered By: (Circle One)</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>Sampler - UPS - Bus - Other:</p> </div>					

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

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (575) 393-9174 FAX: (575) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

3071

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: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 08-29-09
FILL DATE: 02-29-08	METER READING ACCURACY: 100PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	J-25 COL	J	25	215	36E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
5	12.8	06"	0
6	7.2		
7	7.6		
8	5.7		
9	6.2		

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

SIGNATURE: Eric J. ...

DATE: 7-20-09

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD J-25 EOL

Unit 'J', Sec. 25, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[C] ppm
5	239
6	588
7	396
8	299
9	236

Groundwater = 148 ft

