

1R - 426-274

REPORTS

DATE:

8-26-10

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1R426-274

**BD K-1 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
Blinebry-Drinkard (BD)	K-1 EOL	K	1	22S	37E	Lea	55 Gallon Drum
							Eliminated

LAND TYPE: BLM \_\_\_ STATE \_\_\_ FEE LANDOWNER Walco Ranch, LLC OTHER \_\_\_\_\_

Depth to Groundwater 65 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 3/16/2010 Date Completed 3/16/2010 OCD Witness no

Soil Excavated 6.2 cubic yards Excavation Length 7 Width 3 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/16/2010 Sample Depth 8'

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 8' GRAB	12.3	<10.0	<10.0	16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	57
vertical delineation trench at the former junction (source)	3'	56
	4'	171
	5'	212
	6'	203
	7'	110
	8'	111

**General Description of Remedial Action:** This junction and line were eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect samples at regular intervals producing a 7X3X8-ft. deep excavation. Chloride field tests were performed on each sample which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 8 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 3/29/2010, 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 curve

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 8-26-10

Unit K, Section 1, T22S, R37E

# BD K-1 EOL



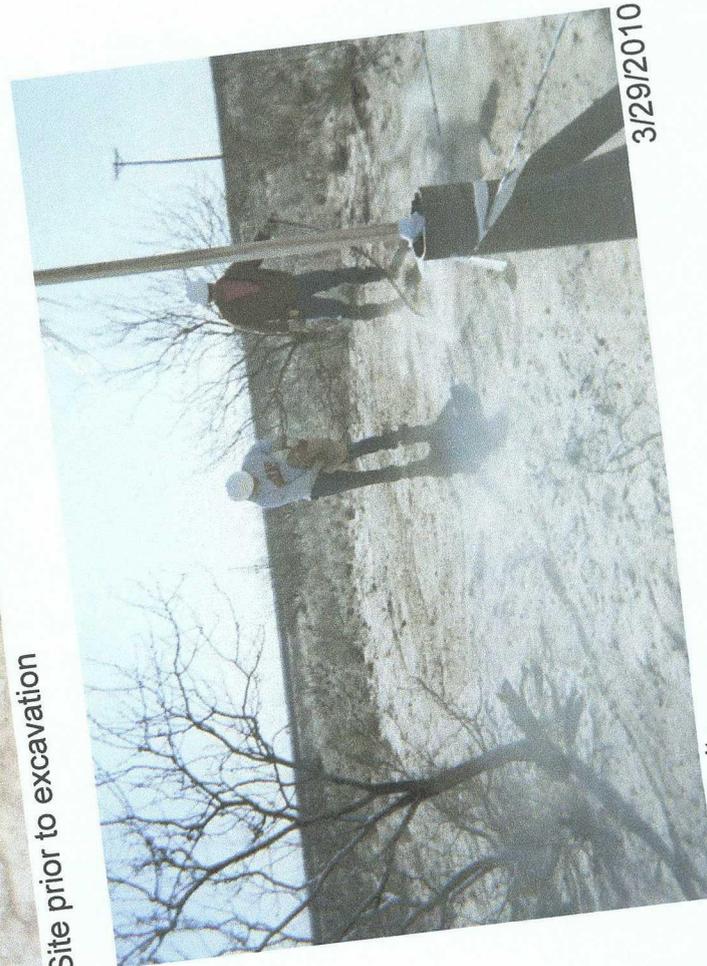
3/23/2010

Site backfilled



3/16/2010

Site prior to excavation



3/29/2010

Seeding site



3/29/2010

Covering seed with chain



**ARDINAL  
LABORATORIES**

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

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

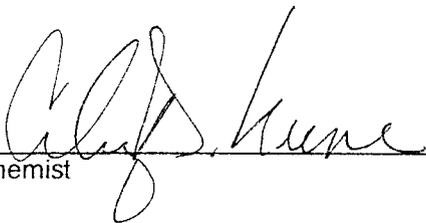
Receiving Date: 03/16/10  
Reporting Date: 03/22/10  
Project Number: NOT GIVEN  
Project Name: BD JCT K-1 EOL (22/37)  
Project Location: BD JCT K-1 EOL (22/37)

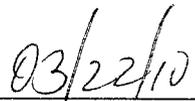
Sampling Date: 03/16/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM/SJ

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	(mg/kg)
ANALYSIS DATE		03/19/10	03/19/10	03/16/10
H19454-1	SOURCE @ 8'	<10.0	<10.0	16
Quality Control		538	577	510
True Value QC		500	500	500
% Recovery		108	115	102
Relative Percent Difference		<0.1	15.5	<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.

**COPY**

  
\_\_\_\_\_  
Chemist

  
\_\_\_\_\_  
Date

H19454 TCL RICE

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: <i>Rice Operating Company</i> Project Manager: <i>Bruce Baker</i> Address: <i>122 W. Taylor</i> City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i> Phone #: <i>575-393-9174</i> Fax #: <i>575-397-1471</i> Project #: _____ Project Owner: _____ Project Name: <i>BD ICT K-1 EOL (2-2/37)</i> Project Location: _____ Sampler Name: <i>Robert Egans</i> FOR LAB USE ONLY										<b>BILL TO</b> P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____										<b>ANALYSIS REQUEST</b>																																													
Lab I.D. <b>Sample I.D.</b> <i>H194541 Source @ 8'</i>										MATRIX: <table border="1"> <tr><td>GROUNDWATER</td><td></td></tr> <tr><td>WASTEWATER</td><td></td></tr> <tr><td>SOIL</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>OIL</td><td></td></tr> <tr><td>SLUDGE</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>OTHER:</td><td></td></tr> <tr><td>ACID/BASE:</td><td></td></tr> <tr><td>ICE / COOL</td><td></td></tr> <tr><td>OTHER:</td><td></td></tr> </table>										GROUNDWATER		WASTEWATER		SOIL	<input checked="" type="checkbox"/>	OIL		SLUDGE	<input checked="" type="checkbox"/>	OTHER:		ACID/BASE:		ICE / COOL		OTHER:		PRESERV: <table border="1"> <tr><td>ICE / COOL</td><td></td></tr> <tr><td>OTHER:</td><td></td></tr> </table>										ICE / COOL		OTHER:		SAMPLING: <table border="1"> <tr><td>DATE</td><td>TIME</td></tr> <tr><td><i>3-16-10</i></td><td><i>2:35pm</i></td></tr> </table>										DATE	TIME	<i>3-16-10</i>	<i>2:35pm</i>
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Relinquished By: _____ Date: _____ Time: _____	Received By: _____ Date: <i>3/16/10</i> Time: <i>4:25</i> Signature: <i>Yodi Benson</i>	Sample Condition: Cool/Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: _____ (Initials) <i>JEH</i>
Delivered By: <i>Robert Egans</i> (Circle One)	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	REMARKS: <i>Please E-Mail Results To: J.purvis@rice-swd.com</i> <i>Baker</i> <i>Egans</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

# 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  
 Model: PGM 7300  
 Model: PGM 7300

Serial No: 590-000183  
 Serial No: 590-000508  
 Serial No: 590-000504


Model: PGM 7600  
 Model: PGM 7600  
 Model: PGM 7600

Serial No: 110-023920  
 Serial No: 110-013744  
 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>928167</u>	EXPIRATION DATE: <u>1-17-2013</u>
FILL DATE: <u> </u>	METER READING ACCURACY: <u>100 ppm</u>

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>K-1 EOL</u>	<u>K</u>	<u>24</u>	<u>22</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Background</u>	<u>9.1</u>		
<u>Source 3'</u>	<u>22.5</u>		
<u>4'</u>	<u>20.5</u>		
<u>5'</u>	<u>16.2</u>		
<u>6'</u>	<u>13.6</u>		
<u>7'</u>	<u>11.1</u>		
<u>8'</u>	<u>12.3</u>		
		<b>COPY</b>	

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

SIGNATURE: Robert Jones

DATE: 3-16-2010

# CHLORIDE CONCENTRATION CURVE

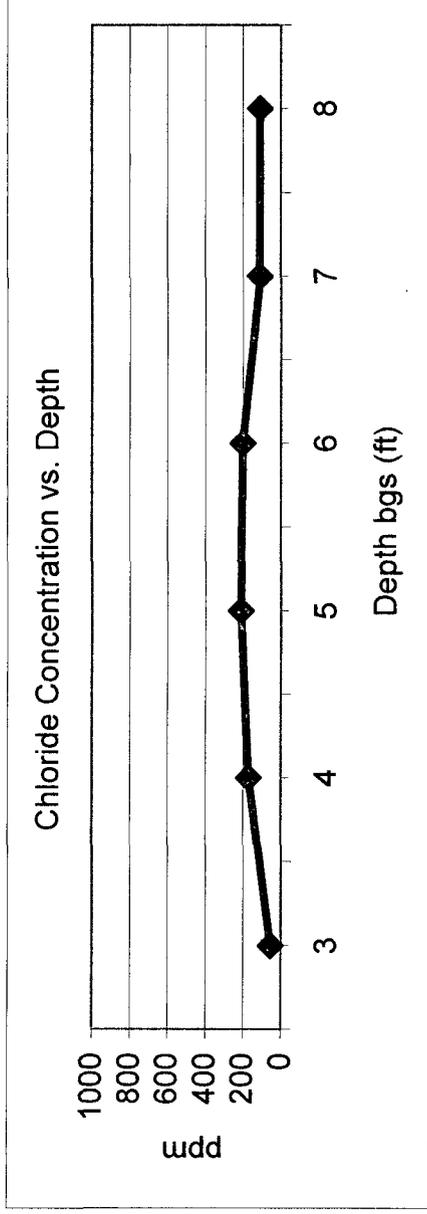
RICE Operating Company

## BD K-1 EOL

Unit 'K', Sec. 1, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
3	56
4	171
5	212
6	203
7	110
8	111



Groundwater = 65 ft