

1R - 426 - 261

**REPORTS**

**DATE:**

10-12-10

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1R426-261

**BD Jct. D-20**

**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
Blinebry-Drinkard (BD)	Jct. D-20	D	20	21S	37E	Lea	Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Joe Robin Sims OTHER \_\_\_\_\_

Depth to Groundwater 98 feet NMOCD SITE ASSESSMENT RANKING SCORE: 30\*

Date Started 5/12/2010 Date Completed 5/12/2010 OCD Witness no

Soil Excavated 4.4 cubic yards Excavation Length 5 Width 3 Depth 8 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 5/12/2010 Sample Depth 8 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 8' GRAB	3.8	<10.0	<10.0	48

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	148
vertical delineation trench at the junction (source)	4'	248
	5'	340
	6'	233
	7'	171
	8'	171

**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 producing a 5X3X8-ft. deep excavation. 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, 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 5/21/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

\* House with well 687 ft. north-northwest

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 Gerardo Martinez SIGNATURE Gerardo Martinez COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL YBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 10-12-10

# BD Jct. D-20

Unit D, Section 20, T21S, R37E



Delineation trench being excavated

5/12/2010



Sample being collected

5/12/2010



Backfilling excavation

5/12/2010



Seeding excavation

5/21/2010



# ARDINAL LABORATORIES

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

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

Receiving Date: 05/12/10  
Reporting Date: 05/17/10  
Project Number: NOT GIVEN  
Project Name: B.D. JCT D-20 (21/37)  
Project Location: B.D. JCT D-20 (21/37)

Sampling Date: 05/12/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM

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

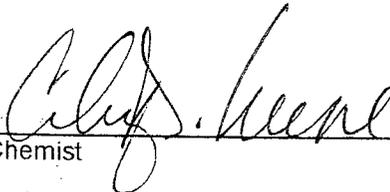
ANALYSIS DATE	05/15/10	05/15/10	05/14/10
H19880-1 SOURCE 8'	<10.0	<10.0	48
Quality Control	485	462	500
True Value QC	500	500	500
% Recovery	97.0	92.4	100
Relative Percent Difference	2.3	<0.1	< 0.1

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.

COPY

  
\_\_\_\_\_  
Chemist

  
\_\_\_\_\_  
Date

H19880 TCL 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



# 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 7230    Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>928547</u>	EXPIRATION DATE: <u>2-4-2013</u>
FILL DATE: _____	METER READING ACCURACY: <u>100 ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>D-20</u>	<u>D</u>	<u>20</u>	<u>21</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Background</u>	<u>6.7</u>		
<u>Source 4'</u>	<u>22.2</u>		
<u>5'</u>	<u>11.5</u>		
<u>6'</u>	<u>10.4</u>		
<u>7'</u>	<u>1.2</u>		
<u>8'</u>	<u>3.8</u>		

COPY

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

SIGNATURE: Gerardo Martinez

DATE: 5-12-2010

CHLORIDE CONCENTRATION CURVE

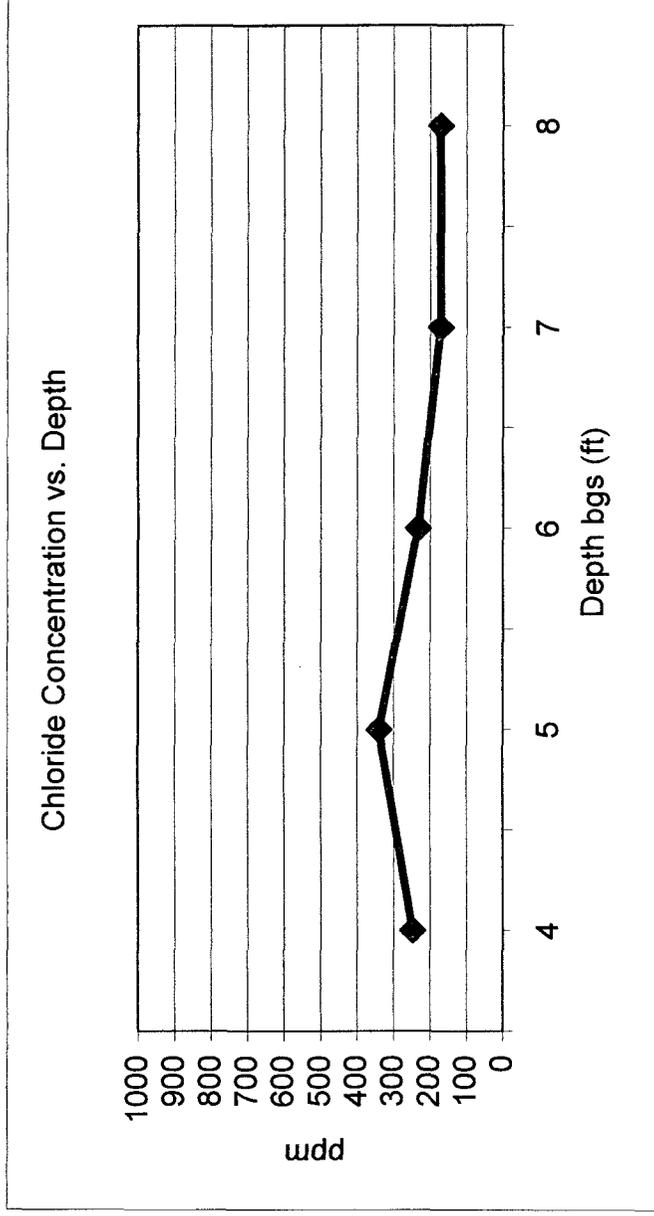
RICE Operating Company

**BD Jct. D-20**

Unit 'D', Sec. 20, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
4	248
5	340
6	233
7	171
8	171



Groundwater = 98 ft.