

1R - 426249

**REPORTS**

**DATE:**

3-26-10

BD ~~14~~ K-9-1  
2009

1R426-249

RECEIVED

APR - 6 2009

Environmental Bureau  
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

RECEIVED

APP - 6 2010

Environmental Bureau  
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS: FEET		
							Length	Width	Depth
BD	K-9-1	K	9	21S	37S	Lea	new watertight box (same place)		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Millard Deck OTHER \_\_\_\_\_

Depth to Groundwater 58 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/20/2009 Date Completed 11/20/2009 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 11/20/2009 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	0.2	<10.0	21.6	96

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	6'	1168
	7'	1046
	8'	538
	9'	543
	10'	469

**General Description of Remedial Action:** This junction was addressed during 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 chloride

concentrations that declined with depth. 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. A new watertight junction box was built in the same place.

enclosures: 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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-26-10



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

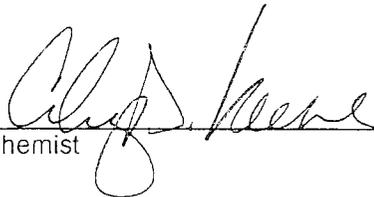
Receiving Date: 11/23/09  
 Reporting Date: 12/02/09  
 Project Number: NOT GIVEN  
 Project Name: INITIAL SOURCE @ 10FT.  
 Project Location: B.D. JCT K-9-1

Sampling Date: 11/20/09  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: ML  
 Analyzed By: AB/HM

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

ANALYSIS DATE	11/25/09	11/25/09	11/24/09
H18780-1 INITIAL SOURCE @ 10FT.	<10.0	21.6	96
Quality Control	447	585	500
True Value QC	500	500	500
% Recovery	89.4	117	100
Relative Percent Difference	10.1	0.4	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB  
 \*Analysis performed on a 1:4 w:v aqueous extract.  
 Reported on wet weight.

  
 Chemist

  
 Date

H18780 TCL RICE

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ANIMAL LABORATORIES

101 East Maryland, Morris, MN 56240  
Tel: 505-2326 Fax: 505-2326

Project Name: **RICE OPERATING**

Client: **HACK CONSBER**

123 W. Taylor

HARDS 393 9174

State: **N.M.** Zip: **88240**  
Fax: **505-397-1471**

Project Number:

INITIAL SOURCE @ 10FT

B.D. DET K-9-1

Donnell Mitchell

BILL TO

P.O. #

Company: **SAME**

Addr:

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

LAB ID	Sample ID	DEPTH (ft)	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	RESULTS
H18780-1	INITIAL SOURCE @ 10FT	6	1	GROUNDWATER WASTEWATER SOIL <input checked="" type="checkbox"/> SOIL SLUDGE OTHER	ACIDBASE ICE/ACID <input checked="" type="checkbox"/> OTHER		11-30-07	11:40AM	8015M TPH CL

Terms and Conditions: Material is to be analyzed for all parameters listed on the attached list. The cost of analysis is \$45.00 per sample. The cost of shipping and handling is \$10.00 per sample. The cost of the report is \$10.00 per report. The cost of the report is \$10.00 per report.

Date: **11-23-09**

Time: **8:50a**

Rate:

Time:

Time:

Time:

Time:

Received By:

Temp:

Temp:

Temp:

Sample Condition:

Sample Condition:

Sample Condition:

CHECKED BY:

CHECKED BY:

CHECKED BY:

Phone Result:

Fax Result:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

RESULTS TO:

RESULTS TO:

RESULTS TO:

RESULTS TO:

RESULTS TO:

HACK CONSBER  
Rice Subs  
Baker

Please fax written changes to 505-397-2476.

# RICE OPERATING COMPANY

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

✓	Model: PGM 7300	Serial No: 590-000183		Model: PGM 7600	Serial No: 110-023920
	Model: PGM 7300	Serial No: 590-000508		Model: PGM 7600	Serial No: 110-013744
	Model: PGM 7300	Serial No: 590-000504		Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924928	EXPIRATION DATE: 7-29-2010
FILL DATE: 3-9-09	METER READING ACCURACY: 100.0 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.D	K-9-1	K	9	21	37

SAMPLE ID	PID	SAMPLE ID	PID
6'	1.1		
7'	0.0		
8'	0.8		
9'	0.0		
10'	0.5		

COPY

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

SIGNATURE: *Darrell M. Hall*

DATE: 7-30-09

# CHLORIDE CONCENTRATION CURVE

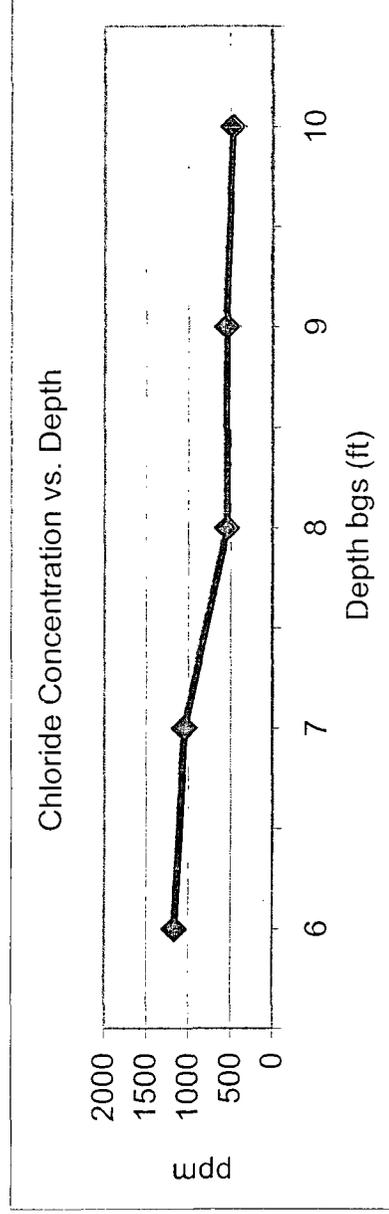
RICE Operating Company

## BD Junction K-9-1

Unit 'K', Sec. 9, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl <sup>-</sup> ppm
6	1168
7	1046
8	538
9	543
10	469



Groundwater = 58 ft