

1R - 426-137

**REPORTS**

**DATE:**

4-1-08

BD Jct J-18-1

1R426-137

CLOSURE

4-1-08

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	jct. J-18-1	J	18	22S	37E	Lea	no box-junction eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 120 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 3/28/2007 Date Completed 4/11/2007 NMOCD Witness no

Soil Excavated 11 cubic yards Excavation Length 10 Width 10 Depth 3 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 3/28/2007 Sample Depth 7

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH, BTEX, and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 7 ft BGS	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	80
5 ft N,S,E, & W comp. @ 7 ft BGS	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	32

**General Description of Remedial Action:**

This junction box was eliminated as part of the pipeline replacement/upgrade program. After the box lumber was removed, an investigation was conducted and a hand auger was used to collect samples below the pipeline and around the former box site. Chloride field tests were performed on each sample and each yielded concentrations similar to background. Organic vapors were measured from each sample as they were collected and each yielded very low concentrations as well. Laboratory analysis confirmed the field results. There were no physical indications of impact in the soil at or near the former box site so the site was backfilled with surrounding soil. Additional clean fill was imported to backfill and contour the remainder. On 4/11/2007, the disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH (ft)	ppm
background	0.5	117
hand auger below junction (source)	4	171
	5	141
	6	142
	7	139
5 ft N,S,E, & W comp.	7	140

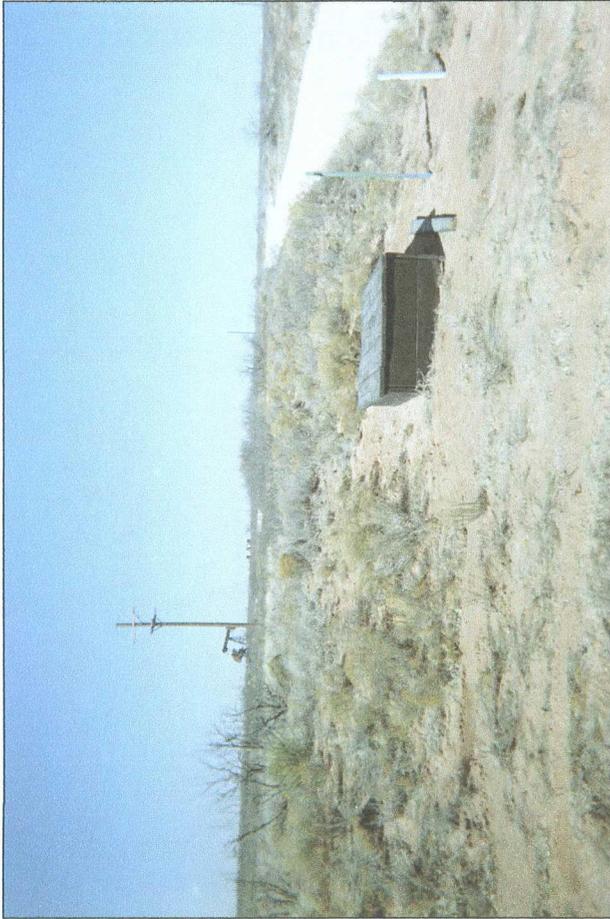
enclosures: photos, lab results

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

SITE SUPERVISOR Roy Rascon SIGNATURE Roy Rascon COMPANY RICE Operating Company

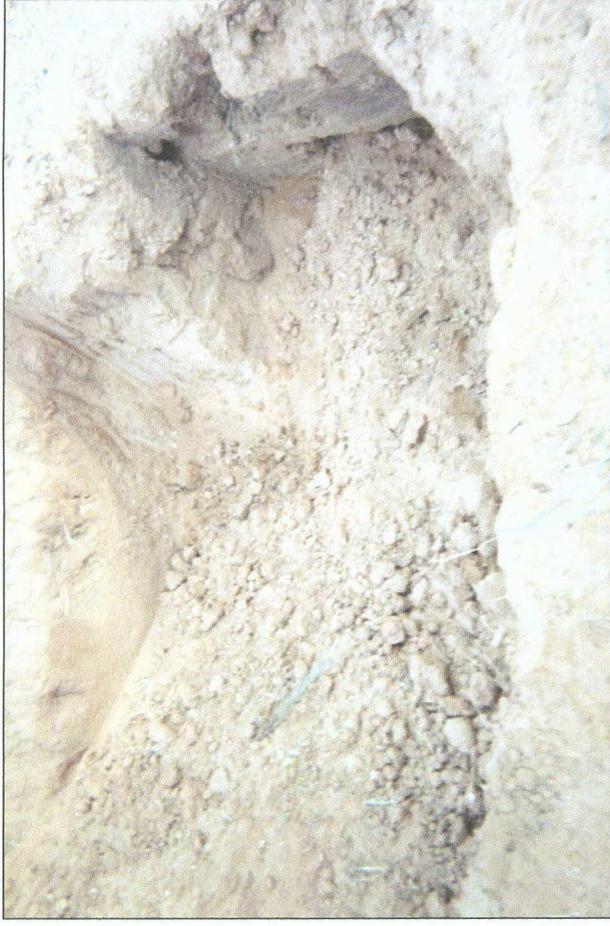
REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope  
DATE 7/10/2007 TITLE Project Scientist

# BD jct. J-18-1



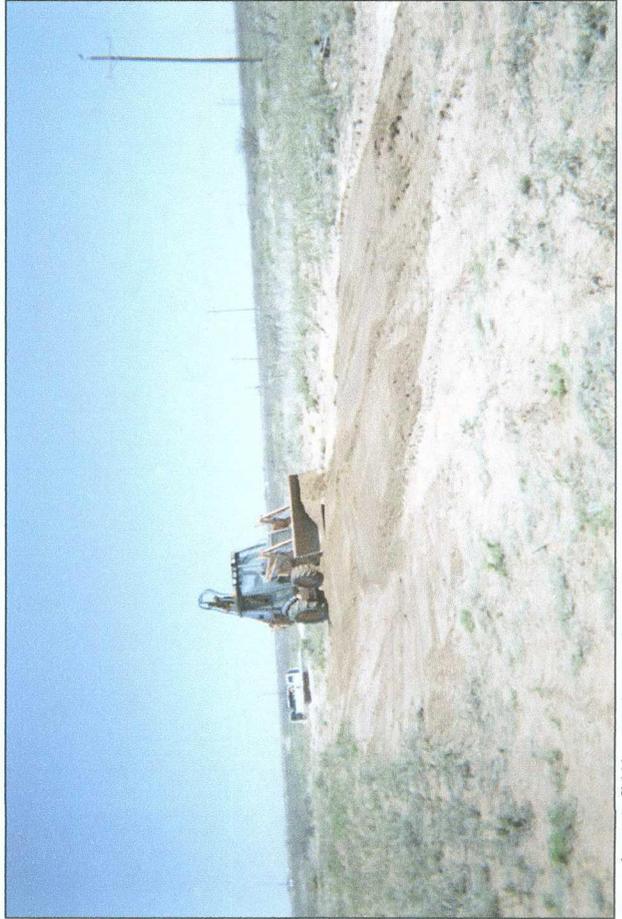
undisturbed junction box prior to pipeline replacement

2/15/2006



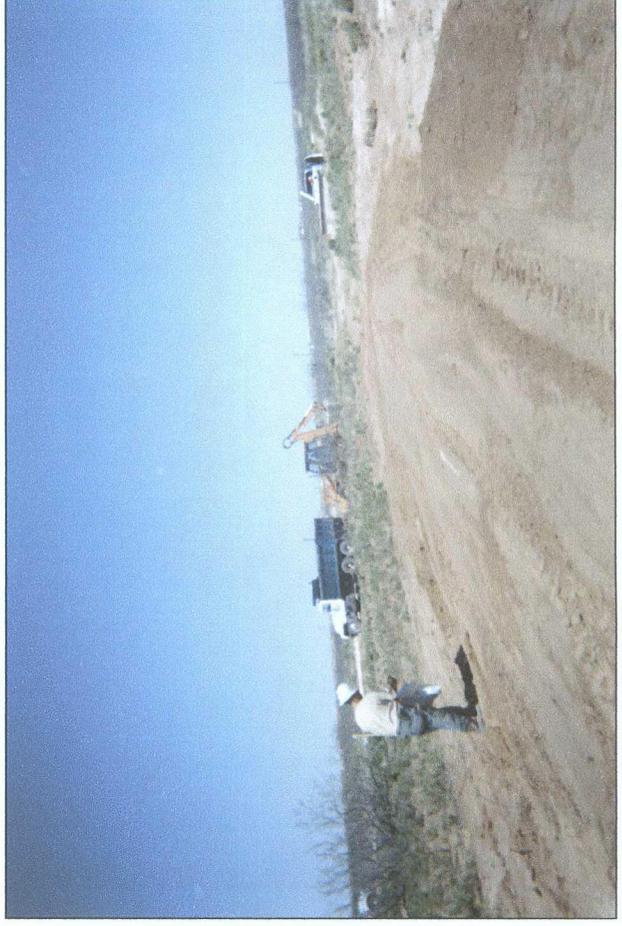
3-ft-deep hole after box was removed

3/8/2007



backfilling site with clean, imported soil

4/11/2007



seeding backfilled site

4/11/2007



# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: ROY R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

# COPY

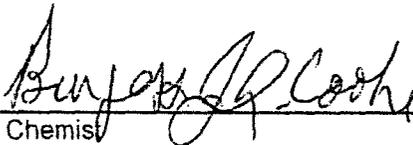
Receiving Date: 03/30/07  
Reporting Date: 04/03/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: BD-JCT-J-18-1

Sampling Date: 03/28/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		04/02/07	04/02/07	04/02/07
H12408-1	SOURCE AT 7'	<10.0	<10.0	80
H12408-2	4 WALL COMP	<10.0	<10.0	32
Quality Control		721	748	490
True Value QC		800	800	500
% Recovery		90.2	93.5	98.0
Relative Percent Difference		1.2	1.8	0.0

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

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

  
Chemist

4/3/07  
Date

H12408A

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 theories or otherwise.



**ARDINAL  
LABORATORIES**

PHONE (525) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

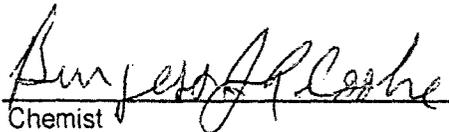
ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: ROY R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

Receiving Date: 03/30/07  
Reporting Date: 04/03/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: BD-JCT-J-18-1

Sampling Date: 03/28/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
	ANALYSIS DATE	04/02/07	04/02/07	04/02/07	04/02/07
H12408-1	SOURCE AT 7'	<0.005	<0.005	<0.005	<0.015
H12408-2	4 WALL COMP	<0.005	<0.005	<0.005	<0.015
	Quality Control	0.105	0.097	0.094	0.274
	True Value QC	0.100	0.100	0.100	0.300
	% Recovery	105	97.3	94.3	91.5
	Relative Percent Difference	4.8	5.1	1.4	0.3

METHOD: EPA SW-846 8260

  
Chemist

4/3/07  
Date

