

1R - 426-97

REPORTS

DATE:

8/13/2004

BD Texaco Clifton ECL

1R0426-97

FINAL REPORT

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	Cliffon EOL	M	4	22S	37E	Lea	Length	Width	Depth
							Eliminated—No box		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Priscilla West OTHER _____

Depth to Groundwater 75 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/9/2004 Date Completed 7/15/2004 OCD Witness No

Soil Excavated 13 cubic yards Excavation Length 3 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/9/2004 Sample Depth 12

TPH, BTEX and Chloride laboratory test results completed by using an approved lab 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
Vertical Grab at 12 ft BGS	<0.005	<0.005	<0.005	<0.015	<10.0	<10.0	224

CHLORIDE FIELD TESTS

General Description of Remedial Action: This junction was eliminated and plumbed straight through with a new pipeline. The box lumber was removed after the NORM survey and the hole was backfilled immediately due to rainwater and cattle gathering near the site. Environmental excavation and delineation was conducted using a backhoe as chloride field tests and PID screenings were performed at regular intervals. Two trenches (one at the junction and another 5 ft west) were made and samples collected yielded very low chloride concentrations similar to background levels. PID levels were minimal and laboratory tests confirmed BTEX and TPH concentrations that were non-detect, meeting NMOCD's guidelines. The trenches were then backfilled and leveled to the surrounding terrain. The disturbed surface area is expected to return to productive capacity at a normal rate.

LOCATION	DEPTH (ft)	ppm
Vertical	7	193
at source	8	255
	9	112
	10	391
	11	355
	12	257
5 ft West	4	288
	6	283
	8	203
	10	278
	12	164

enclosures: chloride graphs, photos, lab results

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

SITE SUPERVISOR Joe Gatts SIGNATURE *Joe Gatts* COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*

DATE 8/13/2004 TITLE Project Scientist

BD Clifton EOL

Unit 'M', Sec. 4, T22S, R37E



Undisturbed box

8/8/2003



Close-up of box

9/19/2003



backfilled

9/19/2003

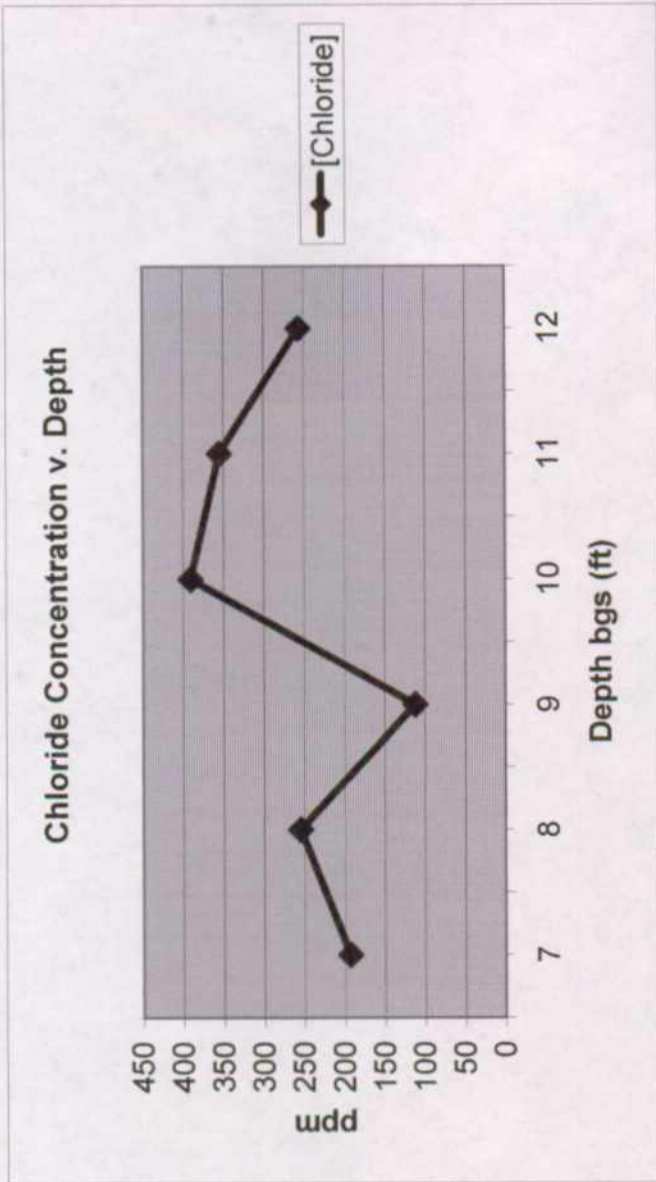
BD Clifton EOL

Unit 'M', Sec. 4, T22S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl ⁻] ppm
7	193
8	255
9	112
10	391
11	355
12	257

Groundwater = 75 ft



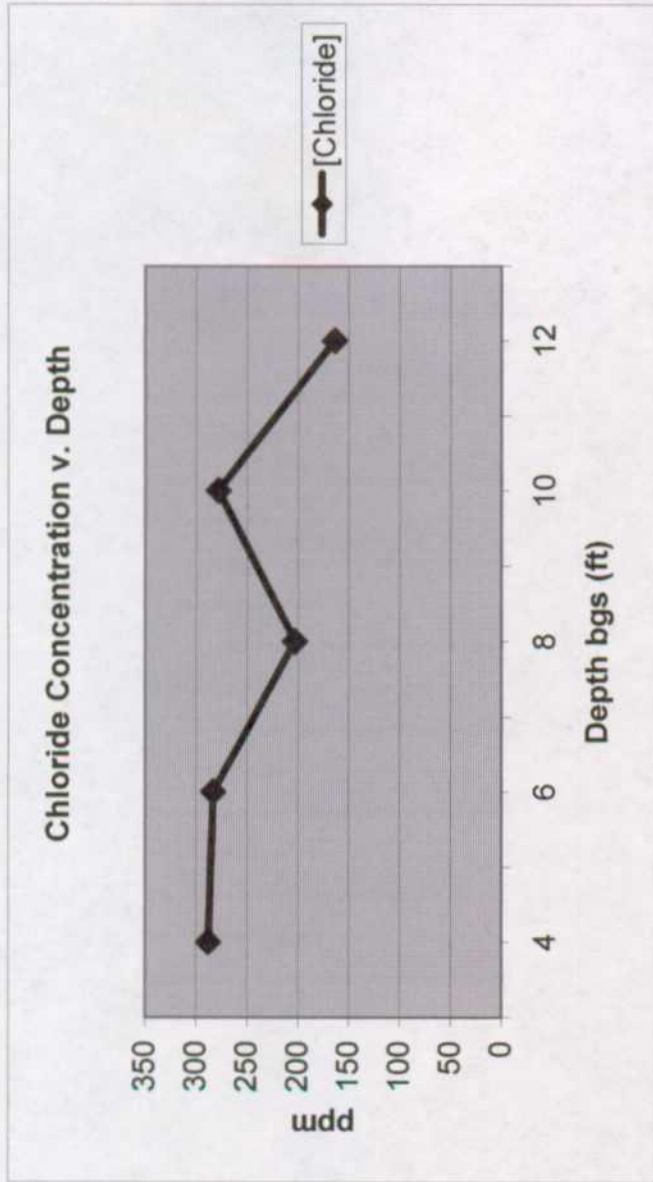
BD Clifton EOL

Unit 'M', Sec. 4, T22S, R37E

5 ft West from box

Depth bgs (ft)	[Cl ⁻] ppm
4	288
6	283
8	203
10	278
12	164

Groundwater = 75 ft





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

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

ANALYTICAL RESULTS FOR
RICE OPERATING
ATTN: ROY RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/15/04
Reporting Date: 07/19/04
Project Number: NOT GIVEN
Project Name: TEXACO CLIFTON
Project Location: BD

Sampling Date: 07/09/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
	07/15/04	07/15/04	07/16/04
H8914-1 SOURCE @ 12'BGS	<10.0	<10.0	224
Quality Control	787	738	990
True Value QC	800	800	1000
% Recovery	98.4	92.2	99.0
Relative Percent Difference	6.6	3.3	1.0

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

*Analysis performed on a 1:4 w:v aqueous extract.

Burgess A. Cook
Chemist

7/19/04
Date

H8914T.XLS

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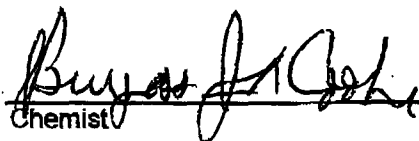
ANALYTICAL RESULTS FOR
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ATTN: ROY RASCON
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Receiving Date: 07/15/04
Reporting Date: 07/19/04
Project Number: NOT GIVEN
Project Name: TEXACO CLIFTON
Project Location: BD

Sampling Date: 07/09/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		07/16/04	07/16/04	07/16/04	07/16/04
H8914-1	SOURCE @ 12'BGS	<0.005	<0.005	<0.005	<0.015
Quality Control		0.093	0.095	0.095	0.290
True Value QC		0.100	0.100	0.100	0.300
% Recovery		92.8	94.9	95.0	96.7
Relative Percent Difference		1.7	3.7	8.5	9.0

METHOD: EPA SW-846 8260


Chemist

7/19/04
Date

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ARDINAL LABORATORIES, INC.

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† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.