

1R - 427-11

# REPORTS

DATE:

12-3-2003

EME 'A'20 ECL

TR0427-11

# DISCLOSURE REPORT

**RICE OPERATING COMPANY  
JUNCTION BOX DISCLOSURE\* REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	A' 20 EOL	J	20	20S	37E	Lea	Moved 60 ft North		

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

Depth to Groundwater 22 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/7/2003 Date Completed 11/13/2003 OCD Witness No

Soil Excavated 0 cubic yards Excavation Length 3 Width 8 Depth 14 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 11/7/2003 Sample Depth 14 ft bgs

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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 @ 14 ft	<0.005	<0.005	<0.005	<0.015	155	2450	80

**CHLORIDE FIELD TESTS**

General Description of Remedial Action: This box was located at a visibly-impacted production battery (see site diagram & photos). The site was delineated vertically with a backhoe at the location of the old junction box (see graph). Chloride impact exhibited a conclusive trend of declination, however, TPH impact did not meet NMOCD guidelines. Due to the absence of chloride impact with depth and the current state of the active battery, ROC backfilled this excavation and will not perform any further remediation activities at this site as the battery will be remediated by the producer at the time of abandonment.

LOCATION	DEPTH (ft)	ppm
Vertical @ Source	3	1320
	4	2160
	5	2587
	6	3551
	7	2269
	8	2196
	9	1835
	10	1495
	11	1215
	12	899
	13	621
	14	458

enclosures: chloride graph, photos, lab results, site diagram

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

DATE 12/3/2003 PRINTED NAME Kristin Farris

SIGNATURE Kristin Farris TITLE Project Scientist

**\* This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.**

## EME 'A' 20 EOL



Undisturbed Junction Box Before NORM Removal 8/6/2003



Close-up of East Side of Tank Adjacent to Junction Box



Vertical Excavation At Old Junction Box 11/7/2003



Construction of New Box 60 ft North 10/16/2003

# EME 'A' 20 EOL

Unit 'J', Sec. 20, T20S, R37E

\*\*\* NOT TO SCALE \*\*\*

N



new junction box

J A-20 EOL

LEASE ROAD

60 ft

150 ft

OLD JUNCTION BOX

tank

ROC 3" above-ground poly

treater

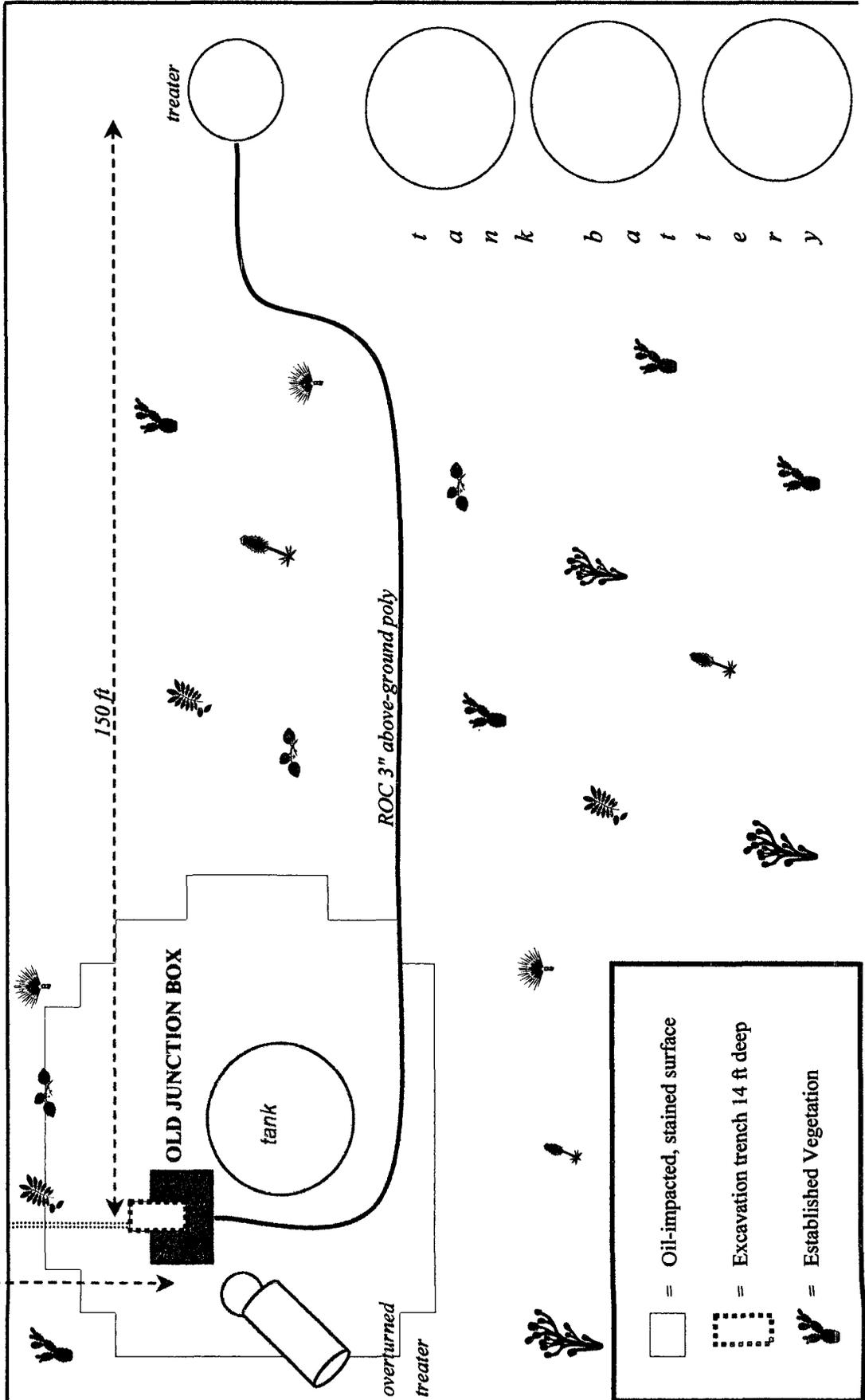
overturned  
treater

t a n k      b a t t e r y

 = Oil-impacted, stained surface

 = Excavation trench 14 ft deep

 = Established Vegetation

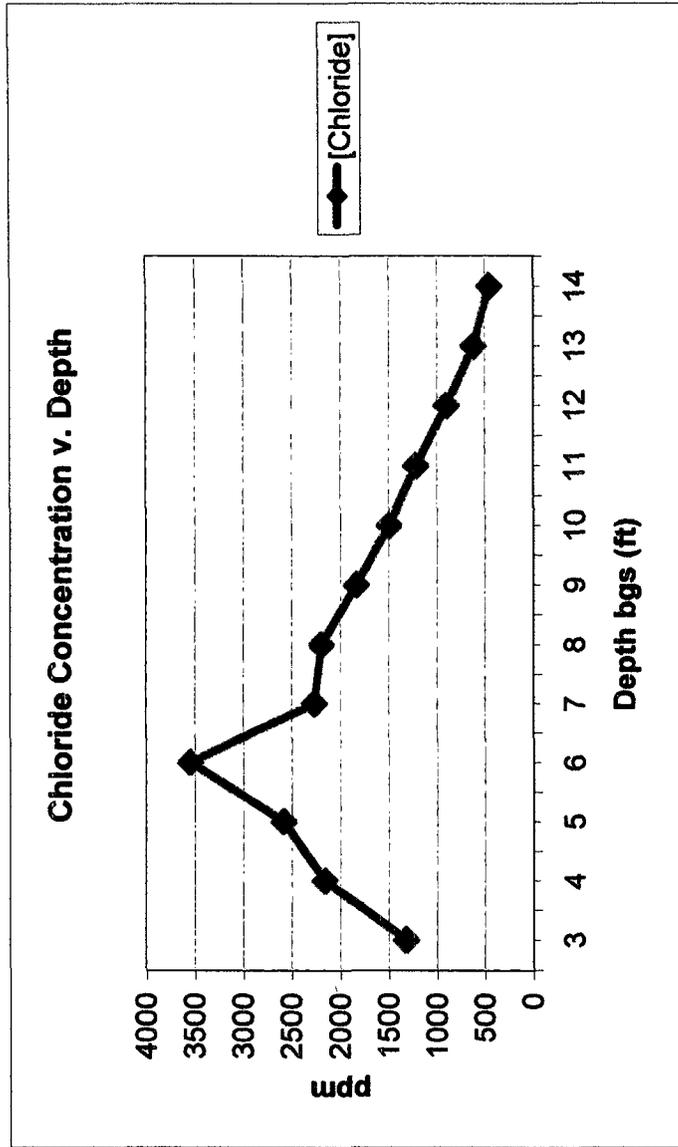


**EME 'A' 20 EOL**

Unit 'J', Sec. 20, T20S, R37E

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
3	1320
4	2160
5	2587
6	3551
7	2269
8	2196
9	1835
10	1495
11	1215
12	899
13	621
14	458

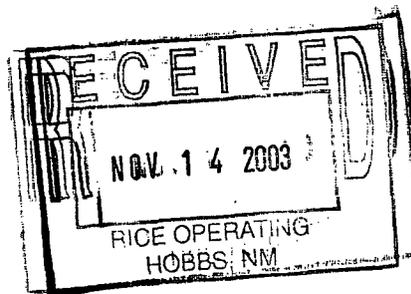
Groundwater = 22 ft





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

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



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

Receiving Date: 11/11/03  
Reporting Date: 11/12/03  
Project Number: NOT GIVEN  
Project Name: GRUY PETROLEUM  
Project Location: LEA CO., NM

Sampling Date: 11/07/03  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/HM

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	11/11/03	11/11/03	11/12/03
H8163-1 BOTTOM 14' VERTICAL AT SOURCE	155	2450	80
Quality Control	783	807	980
True Value QC	800	800	1000
% Recovery	97.8	101	98.0
Relative Percent Difference	2.0	5.1	3.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B  
\*Analyses performed on 1:4 w:v aqueous extracts.

*Bryan A. Cochrane*  
Chemist

11/13/03  
Date

H8163A.XLS

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# ARDINAL LABORATORIES

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Project Name: GRUY PETROLEUM  
Project Location: LEA CO., NM

Sampling Date: 11/07/03  
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		11/11/03	11/11/03	11/11/03	11/11/03
H8163-1	BOTTOM 14' VERTICAL AT SOURCE	<0.005	<0.005	<0.005	<0.015
Quality Control		0.110	0.099	0.100	0.294
True Value QC		0.100	0.100	0.100	0.300
% Recovery		110	99.4	100	97.9
Relative Percent Difference		7.3	1.7	1.8	1.1

METHOD: EPA SW-846 8260

Bryan A. Coche  
Chemist

11/12/03  
Date

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