

1R - 426-107

REPORTS

DATE:

1/21/2005

BD X7 P-26-2

1R0426-107

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
BD	P-26-2	P	26	21S	37E	Lea	moved 67 ft north		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Delrose Scott OTHER _____

Depth to Groundwater 45 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/2/2004 Date Completed 7/8/2004 OCD Witness No

Soil Excavated 53 cubic yards Excavation Length 10 Width 12 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/7/2004 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	43.0	<10.0	19.6	80
BOTTOM @ 12 ft	64.9	<10.0	268.0	416
REMED. BACKFILL	37.0	<10.0	30.0	64

LOCATION	DEPTH (ft)	ppm
vertical trench at larger junction box	6	367
	7	196
	8	229
	9	368
	10	657
	11	485
7 ft west at smaller junction box	12	625
	4	789
	6	685
	8	758
	10	920
4-wall comp.	12	1196
	16	2122
	n/a	550
	n/a	438
bottom comp.	12	438
backfill	n/a	296

General Description of Remedial Action: This site contained two junction boxes, one of which contained a vent. The site was delineated using a backhoe while PID field screenings and chloride field tests were conducted at regular intervals. The vertical and lateral extent in the western direction was not found within the 10 x 12 x 12-ft-deep excavation. Bottom, wall, and backfill composite samples were collected on 6/7/2004 and the bottom sample at 12 ft BGS did not meet NMOCD guidelines. The excavation was backfilled up to 6 ft BGS with excavated soils that were blended on site. At 6 ft, a 1-ft-thick compacted clay barrier was installed to impede further downward chloride migration. The remaining spoils were backfilled on top of the clay and contoured to the surface. The disturbed surface was seeded with a blend of native vegetation on 1/7/2005. An identification plate has been placed on the surface to mark the clay below and to identify the site for future environmental considerations. A new watertight replacement junction box was built 67 ft north of this location. NMOCD has been notified of potential groundwater impact at this location.

ADDITIONAL EVALUATION IS MEDIUM PRIORITY

enclosures: chloride graphs, photos, lab results, clay test, PID screenings, diagram

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 1/21/2005 TITLE Project Scientist

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

BD jct. P-26-2

unit 'P', sec. 26, T21S, R37E



undisturbed junction boxes

7/22/2003



new plumbing at new junction box site

8/20/2003



completed new junction box 67 ft north of old site

11/05/2003



beginning delineation & excavation

6/2/2004



backfilling 10 x 12 x 12-ft-deep excavation

7/7/2004



testing clay barrier installed at 6 ft BGS

7/7/2004



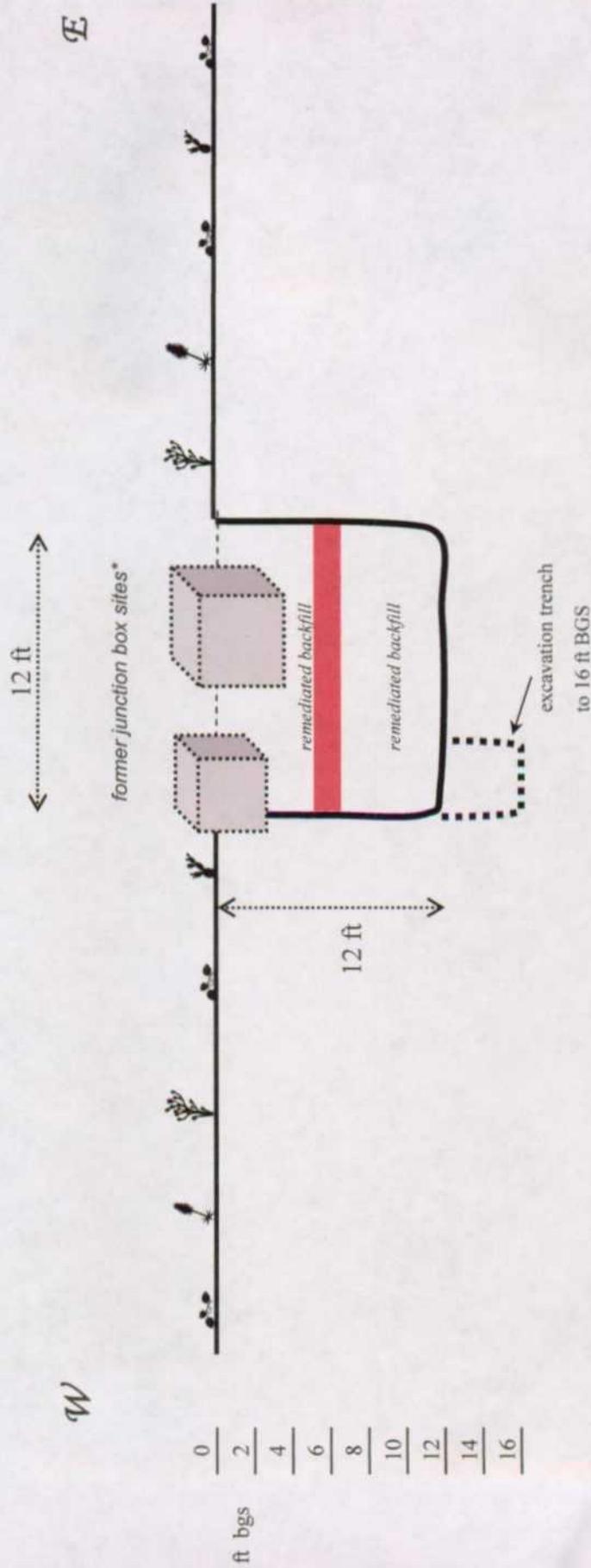
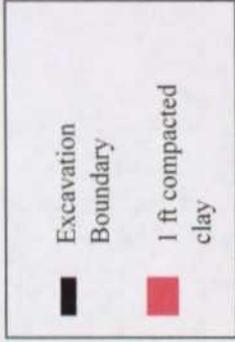
seeding disturbed surface at backfilled site; ID plate in foreground

1/7/2005

BD jct. P-26-2

10 x 12 x 12-ft-deep

Excavation Cross-Section



* A new watertight junction box has been built to replace these 67 ft North of this location.

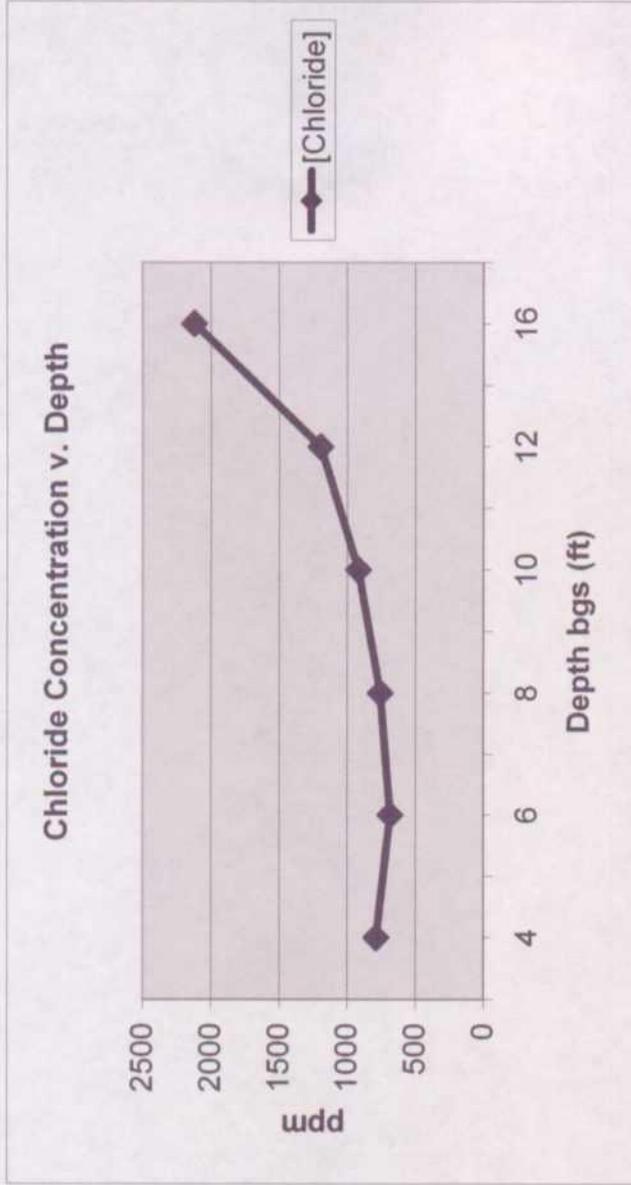
BD jct. P-26-2

Unit P, Sec. 26, T21S, R37E

7 ft West of Junction Box

Depth bgs (ft)	[Cl] ppm
4	789
6	685
8	758
10	920
12	1196
16	2122

Groundwater = 45 ft



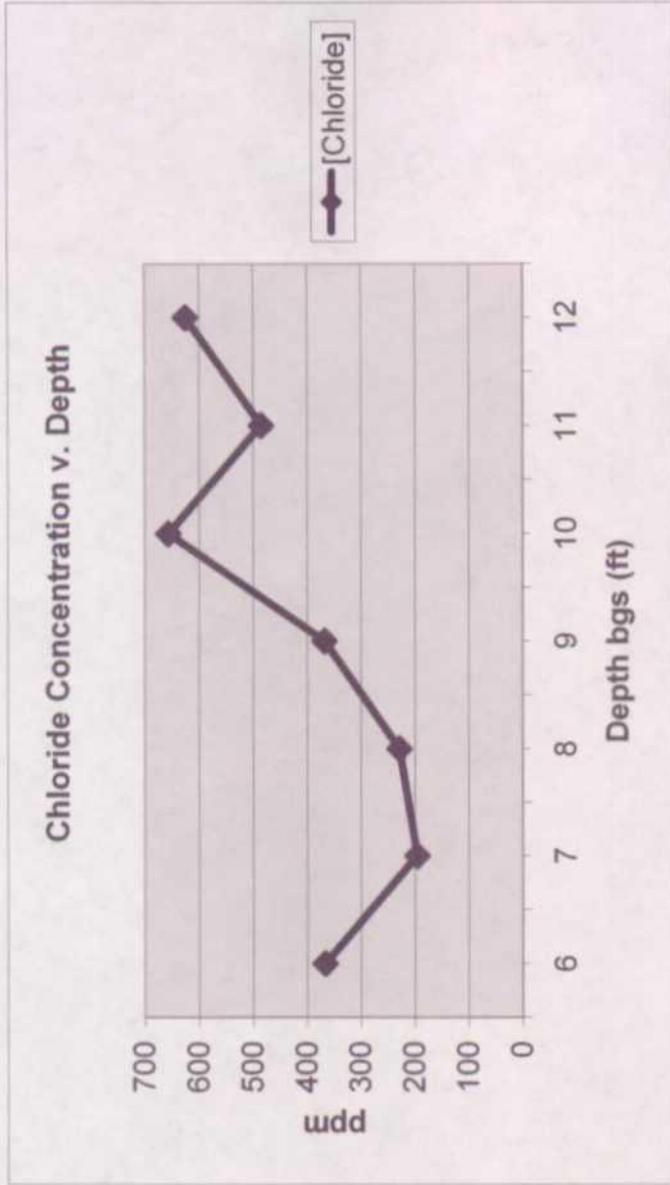
BD jct. P-26-2

Unit 'P', Sec. 26, T21S, R37E

Vertical at junction

Depth bgs (ft)	[Cl] ppm
6	367
7	196
8	229
9	368
10	657
11	485
12	625

Groundwater = 45 ft



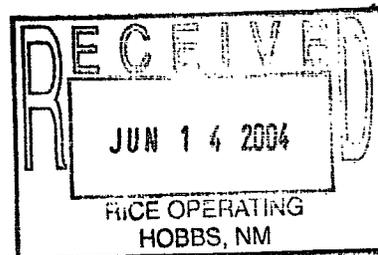


ARDINAL LABORATORIES

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: J. GATTS
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471



Receiving Date: 06/07/04
Reporting Date: 06/09/04
Project Number: NOT GIVEN
Project Name: P-26-2
Project Location: BD

Sampling Date: 06/07/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC/AH

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
	ANALYSIS DATE	06/08/04	06/08/04	06/08/04
H8796-1	BOTT. COMP. @ 12' BGS	<10.0	268	416
H8796-2	REMD. BACKFILL	<10.0	30.0	64
H8796-3	4 WALL COMP.	<10.0	19.6	80
	Quality Control	790	785	1020
	True Value QC	800	800	1000
	% Recovery	98.8	98.2	102
	Relative Percent Difference	0.9	7.2	1.0

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 J. Cooke
Chemist

6/9/04
Date

H8796.XLS

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122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
VOC FIELD TEST REPORT FORM
MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE
AIR

SERIAL NO: 104412

100 PPM

BALANCE

LOT NO: 02-22-30

FILL DATE: 5/20/03

EXP. DATE: 11/20/04

ACCURACY: +ve - 2%

METER READING

ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	P-26-2	P	26	21	37

SAMPLE	PID RESULT	SAMPLE	PID RESULT
5' N. WALL	11.2		
5' S. WALL	4.3		
5' E. WALL	3.2		
7' W. WALL	25.9		
Batt. Comp 12' bgs	64.9		
4 WALL Comp	43		
REMD Backfill	37		

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

Joe Gatt
Signature

6/7/04
Date



LABORATORY TEST REPORT
PETTIGREW & ASSOCIATES, P.A.

1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827



DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS, III, P.E./P.S.

To: Rice Operating
Attn: Carolyn Haynes
122 W. Taylor
Hobbs, NM 88240

Material: Red Clay

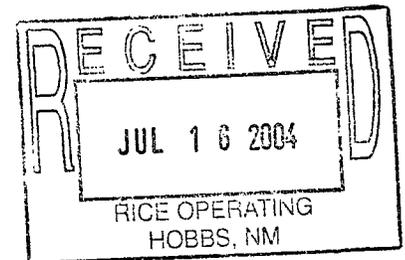
Test Method: ASTM: D 2922

Project: P-26-2-BD

Date of Test: July 7, 2004

Depth: Finished Subgrade

Test No.	Location	Dry Density % Maximum	% Moisture	Depth
SG-1	Center of Pit	95.4	25.5	



Control Density: 109.5
ASTM: D 698

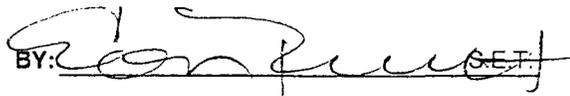
Optimum Moisture: 16.6

Required Compaction: 95%

Lab No.: 04 7391-7392

Copies To: Rice

PETTIGREW & ASSOCIATES

BY:  (S.E.T.)