

1R - 426-207

# REPORTS

DATE:

10-24-08

BD Hendrix Fed #3 Elliot B-17

/R426-207

RECEIVED

MAR 27 1986

Environmental Bureau  
Oil Conservation Division

DISCLOSURE

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

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard (BD)	Hendrix Fed #3 Elliott B-17	C	.17	22S	37E	Lea	Length	Width	Depth
							moved 10 ft south		

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

Depth to Groundwater 100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/19/2007 Date Completed 6/26/2007 OCD Witness no

Soil Excavated 133 cubic yards Excavation Length 15 Width 20 Depth 12 feet

Soil Disposed 24 cubic yards Offsite Facility Sundance Location Eunice, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 6/22/2007 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 (field) ppm	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
4-WALL COMP.	0.8	<25.0	<25.0	352
BOTTOM COMP.	0.3	<25.0	<25.0	1310
BACKFILL COMP.	5.6	<250.0	1880	640

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	444
bottom comp.	12'	1056
backfill comp.	n/a	592
vertical delineation trench 5 ft south of the junction (source)	1'	2081
	2'	332
	3'	499
	4'	556
	5'	818
	6'	1132
	7'	413
	8'	1241
	9'	793
	10'	361
	11'	774
	12'	1550

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was built 10 ft south of the former. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 15x20x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded chloride levels that did not relent with depth. Organic vapors were measured using a PID, which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH. The excavated soil was blended on-site and returned to the excavation up to 6 ft below ground surface. At 6-5 ft BGS, a 1-ft-thick clay barrier was installed. The remaining fill was returned to the excavation and clean soil was imported and used to fill the excavation to ground surface and to contour to the surrounding area. On 6/27/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 10/22/2008.

**ADDITIONAL EVALUATION IS LOW PRIORITY**

enclosures: photos, cross-section, lab results, PID screenings, chloride curve

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 Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 10-24-08

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

# BD Hendrix Fed '3' Elliott B-17 EOL

## Unit C, Section 17, T22S, R37E



undisturbed junction box, facing north

2/15/2006



collecting soil samples from the trench

6/19/2007





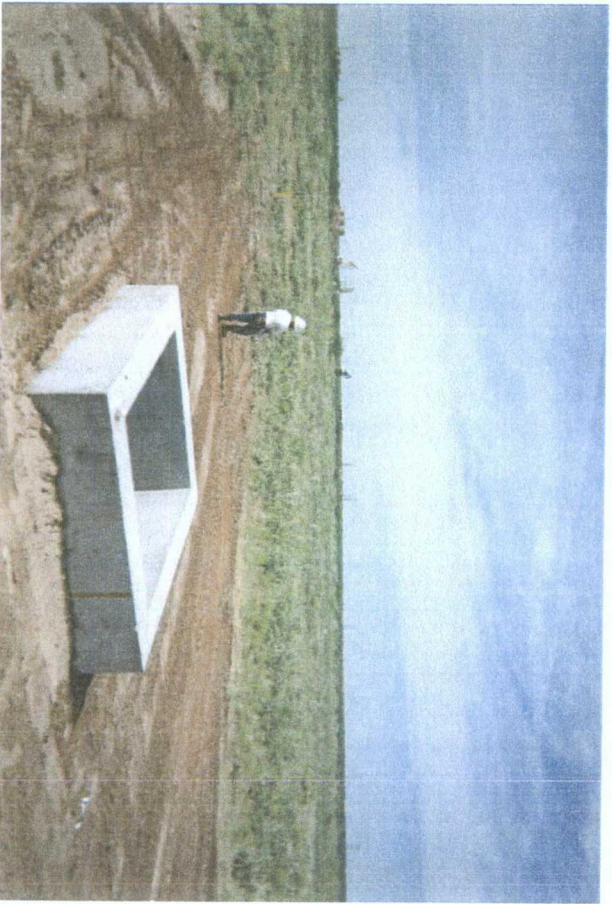
clay barrier installed

6/25/2007



spreading clean, imported soil

6/26/2007



seeding backfilled site

6/27/2007



clay marker

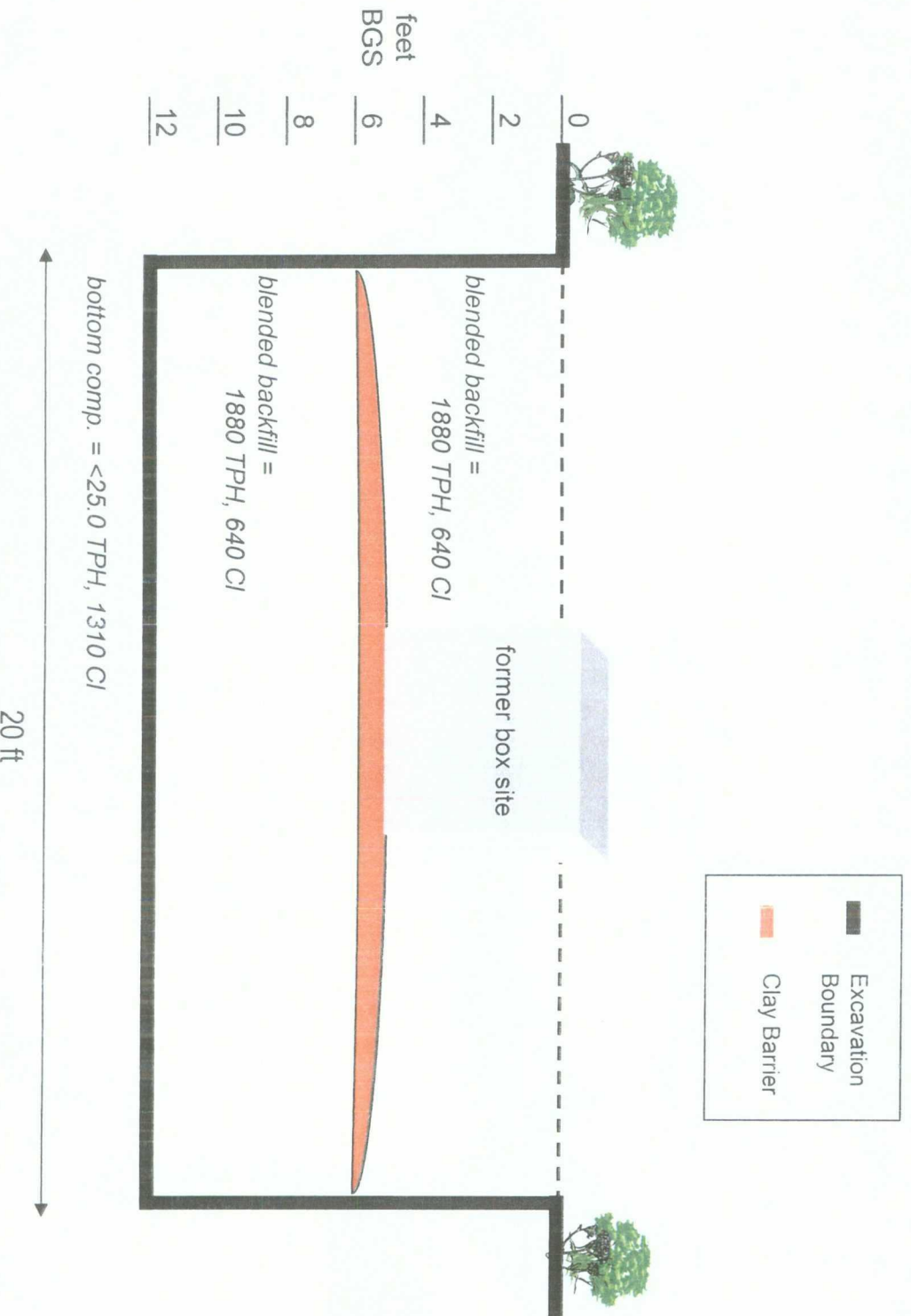
6/27/2007



Excavation Cross-Section

W

E





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

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

RECEIVED

JUN 29 2007

RICE OPERATING  
HOBBS NM

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

Receiving Date: 06/22/07  
Reporting Date: 06/27/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: B.D. HENDRIX FED #3 ELLIOTT B-17

Sampling Date: 06/22/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: LB/HM


LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>12</sub> ) (mg/Kg)	DRO (>C <sub>12</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
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ANALYSIS DATE		06/26/07	06/26/07	06/26/07
H12797-1	4 WALL COMPOSITE	<25.0	<25.0	352
H12797-2	5 PT. BOTTOM COMPOSITE	<25.0	<25.0	1310
H12797-3	BLENDED BACKFILL	<250.0 *	1880	640
Quality Control		754	909	490
True Value QC		1000	1000	500
% Recovery		75.4	90.9	98
Relative Percent Difference		0.8	6.8	1.0

\* Increased detection limit due to sample dilution.

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

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

  
Chemist

6/27/07  
Date

H12797A RICE

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○  
○  
○

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.

2111 Beachwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 6 of 6

<b>Company Name:</b> Roy Rascone & Partners <b>Project Manager:</b> Roy Rascone <b>Address:</b> 122 W. TAYLOR <b>City:</b> HALLAM <b>State:</b> NE <b>Zip:</b> 68044 <b>Phone #:</b> 402-917-1111 <b>Fax #:</b> 402-917-1111 <b>Project #:</b> <b>Project Owner:</b>		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>Project Name:</b> <b>Project Location:</b> B.D. Hendrix Fed #3 F1107T B-17 <b>Sampler Name:</b> Donnell Mitchell <small>FOR LAB USE ONLY</small>		<b>MATRIX</b> <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:		<b>PRESERV.</b> <input type="checkbox"/> ACID/BASE <input checked="" type="checkbox"/> ICE/COOL <input type="checkbox"/> OTHER:	
<b>Lab I.D.</b> AB797-1 -2 -3		<b>SAMPLE</b> DATE 6-22-07 6-22-07 6-22-07 TIME 1:50 PM 2:30 PM 3:10 PM		8015 M TPH 1 1 1 CL	
<small>PLEASE NOTE: Damages and Damages Liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All other damages, costs, expenses, attorney's fees and any other costs whatsoever shall be deemed waived unless made known and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for negligent or consequential damages, including without limitation, business interruption, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates, or successors, whether or not caused in the performance of services hereunder by Cardinal, its agents or employees or those of its subsidiaries, affiliates, or successors.</small>					
<b>Sampler Relinquished by:</b> Donnell Mitchell Date: 6-22-07 Time: 4:50 PM		<b>Received By:</b> [Signature] Received By: (Lab Staff)		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>REMARKS:</b> EMAIL TO Roy Rascone & Partners	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:		<b>Sample Condition</b> Temp. °C Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: [Signature]		<b>Checked</b> By: [Signature]	

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.



# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

Phone: (505) 393-9174 Fax: (505) 397-1471

## VOC FIELD TEST REPORT FORM

COF

### PID METER READING & CALIBRATION

CK.  
MODEL  
NO.

6

MODEL: PGM 761S  
MODEL: PGM 7600  
MODEL: PGM 7600  
MODEL: PGM 7600

SERIAL NO: 104412  
SERIAL NO: 110-013744  
SERIAL NO: 110-12383  
SERIAL NO: 110-012920

LOT NO: 66-3019

FILL DATE: 6-16-06

ACCURACY: +/- 2%

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

EXP. DATE: 12-16-07

METER READING ACCURACY: 100.1

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
B.D	HENDRIX Fed #3 ELLIOTT B-17 E01	C	17	22E	37E

SAMPLE	PID Results	Sample	PID Results
EAST wall	0.1		
NORTH wall	0.0		
SOUTH wall	0.1		
WEST wall	0.1		
4 wall composi	0.8		
BOTTOM 5ft comp	0.3		
Blended Backfill	5.6		

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

SIGNATURE: Danell Mitchell

DATE: 6-22-07

# CHLORIDE CONCENTRATION CURVE

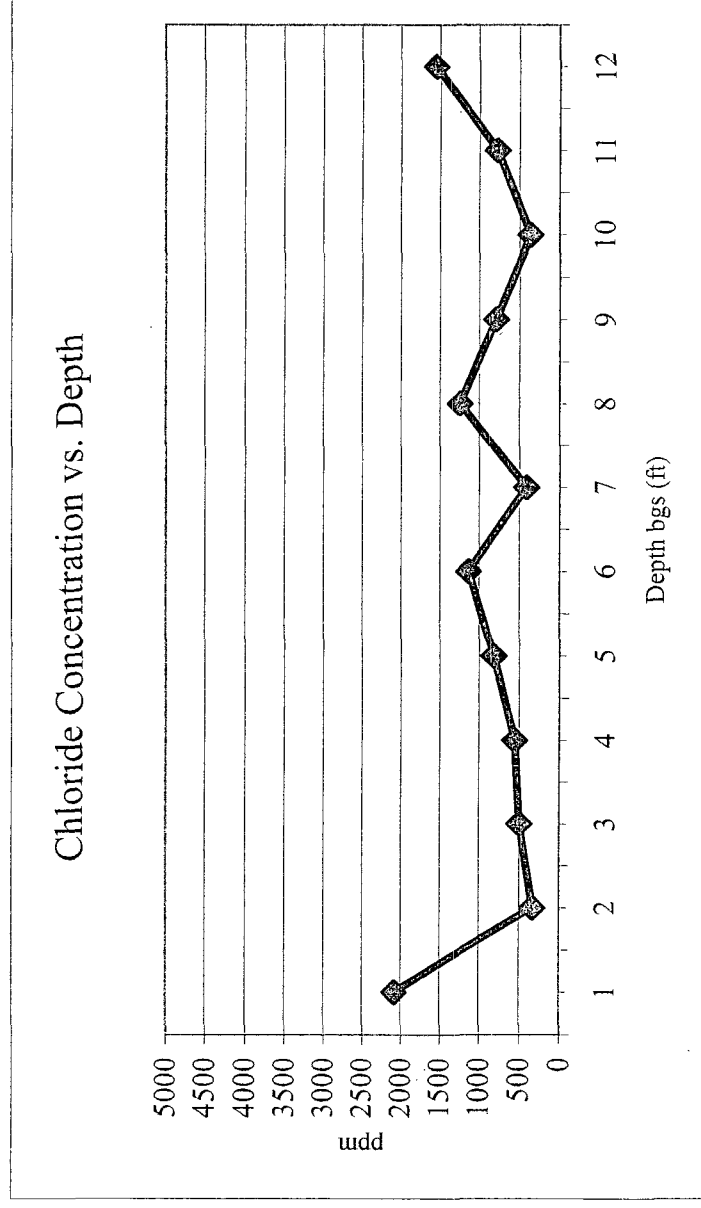
RICE Operating Company

## BD Hendrix Fed #3 Elliott B-17

Unit 'C', Sec. 17, T22S, R37E

Backhoe samples at 5 ft south of the junction (source)

Depth bgs (ft)	[Cl] ppm
1	2081
2	332
3	499
4	556
5	818
6	1132
7	413
8	1241
9	793
10	361
11	774
12	1550



Groundwater = 100 ft