

1R - 426-221

**REPORTS**

**DATE:**

8-5-08

BD XTO A L Christmas 'C' Vent EOL

1R426-221

RECEIVED

MAR 25 1988

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		
							Length	Width	Depth
Blinebry-Drinkard (BD)	XTO A.L. Christmas 'C' vent EOL	E	18	22S	37E	Lea	moved 10 ft south		

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

Depth to Groundwater 190 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 4/24/2007 Date Completed 5/14/2007 OCD Witness no

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

Soil Disposed 84 cubic yards Offsite Facility Sundance Location Eunice, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 5/7/2007 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	Chloride mg/kg
4-WALL COMP.	14.9	<10.0	<10.0	1760
BOTTOM COMP.	1.3	<10.0	<10.0	2690
BACKFILL	13.4	<10.0	<10.0	1230

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	389
bottom comp.	12'	622
vertical delineation trench 15 ft west of junction (source)	1'	282
	2'	319
	3'	653
	4'	802
	5'	1339
	6'	2181
	7'	2135
	8'	2537
	9'	2311
	10'	2324
	11'	2542
	12'	3027

General Description of Remedial Action: This junction was addressed as part of the pipeline replacement/upgrade program. A new, watertight junction box was installed 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 30x30x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded elevated levels of chloride 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. 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 then returned to the excavation to ground surface. Clean, imported soil was used to top cap the site and to contour to the surrounding area. On 5/21/2007, 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 8/4/2008.

**ADDITIONAL EVALUATION IS HIGH 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 8-5-08

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

# BD XTO Christmas 'C' vent EOL

Unit E, Section 18, T22S, R37E



undisturbed junction box, facing north

1/27/2006



taking samples of excavation

5/01/2007



squaring excavation

5/3/2007



backfilling excavation up to 6 ft BGS

5/11/2007



# BD XTO Christmas 'C' vent EOL

Unit E, Section 18, T22S, R37E



clay barrier installed

5/15/2007



unloading clean, imported top soil

5/18/2007



seeding backfilled site

5/21/2007

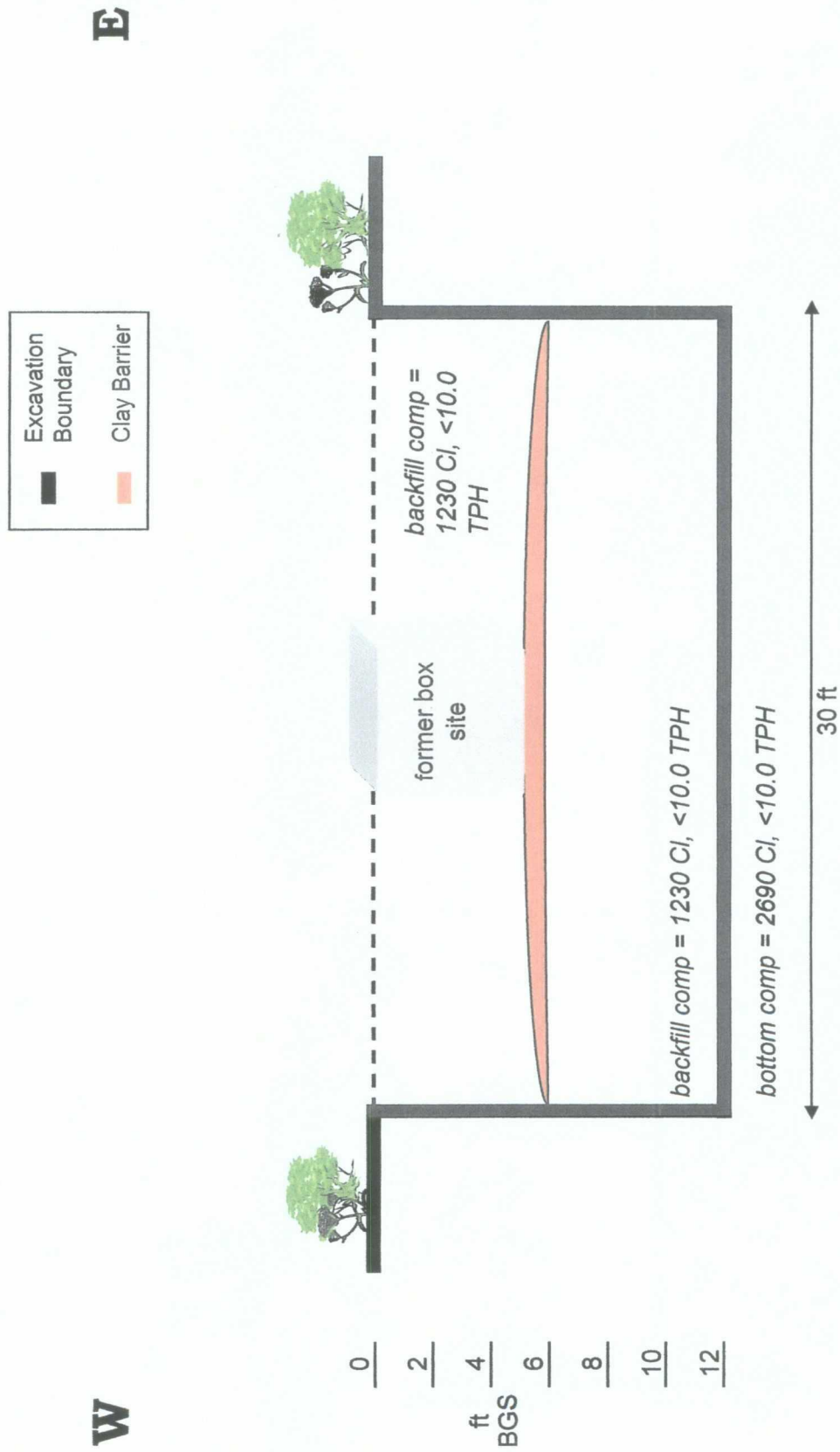


site complete with new,  
watertight junction box in background

5/21/2007

# **BD XTO A.L. Christmas 'C' vent EOL** Unit E, Section 18, T22S, R37E

## **Excavation Cross-Section**





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

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

RECEIVED

MAY 11 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: 05/08/07  
Reporting Date: 05/09/07  
Project Number: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: B.D. XTO A.1 CHRISTMAS C EO1

Sampling Date: 05/07/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: AB  
Analyzed By: BC/AB

COPY

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)	CI* (mg/Kg)
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ANALYSIS DATE		05/08/07	05/08/07	05/08/07
H12568-1	BOTTOM 5PT. COMPOSITE	<10.0	<10.0	2690
H12568-2	4 WALL COMPOSITE	<10.0	<10.0	1760
H12568-3	BLENDED BACKFILL	<10.0	<10.0	1230
<i>BTM @ 12' BGS</i>				
<i>4 WALL @ 30' L x 30' W</i>				
<i>&gt; RRR</i>				
Quality Control		776	758	500
True Value QC		800	800	500
% Recovery		96.9	94.8	100
Relative Percent Difference		3.1	5.4	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.


*Burgess J.A. Cook*  
Chemist

*5/19/07*  
Date

H12568 RICE

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 analysis. 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 reasons or otherwise.





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page \_\_\_\_\_ of \_\_\_\_\_

ARDINAL LABORATORIES, INC.

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

<b>Company Name:</b> Rice Operations CO. <b>Project Manager:</b> BOB PASCOLO <b>Address:</b> 1200 WOODBURN <b>City:</b> HARTFORD <b>State:</b> CT <b>Zip:</b> 06105 <b>Phone #:</b> 860-234-9114 <b>Fax #:</b> 860-234-9114 <b>Project #:</b> <b>Project Name:</b> <b>Project Location:</b> B.D. XTO A.I. CHRISTMAS C 601 <b>Sampler Name:</b> <b>REG USE ONLY</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>Lab I.D.</b>  H12568-1 -2 -3		<b>Sample I.D.</b>  Bottom SPT Composit 4 wall composit Blended BAKESIL		<b>MATRIX</b> # CONTAINERS (G) TAB OR (C) OMP. GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:			<b>PRESERV.</b> ACID/BASE ICE / COOL OTHER:			<b>SAMPLING</b> DATE TIME															
													8015M TRH 11/11/07 11/11/07 11/11/07												
PLEASE NOTE: Liability and Damages, Contractor's Name, and Client's Address (unless 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 liability shall be the responsibility of the client and any other claims shall be the responsibility of the client. The client shall be responsible for the collection, storage, and handling of the sample. The client shall be responsible for the collection, storage, and handling of the sample. The client shall be responsible for the collection, storage, and handling of the sample.														Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.											
<b>Sampler Relinquished:</b> Date: 7/8/07 Time: 4:45 Received By: (Lab Staff) Daniel M. Feltz Delivered By: (Circle One) Sampler - UPS - Bus - Other:														<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 BOB PASCOLO											

r Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.



122 West Taylor Hobbs, NM 88240  
Phone: (505) 393-9174 Fax: (505) 397-1471

## PID METER READING & CALIBRATION

43

MODEL: PGM 7600

SERIAL NO: 110-012920

METER READING ACCURACY: 100 ± 3

COPY

SAMPLES TAKEN LAKE AFTER LAKE 5-7-07  
TAKEN TO THE LAKE THE NEXT MORNING 5-8-07

CHLORIDE CONCENTRATION CURVE

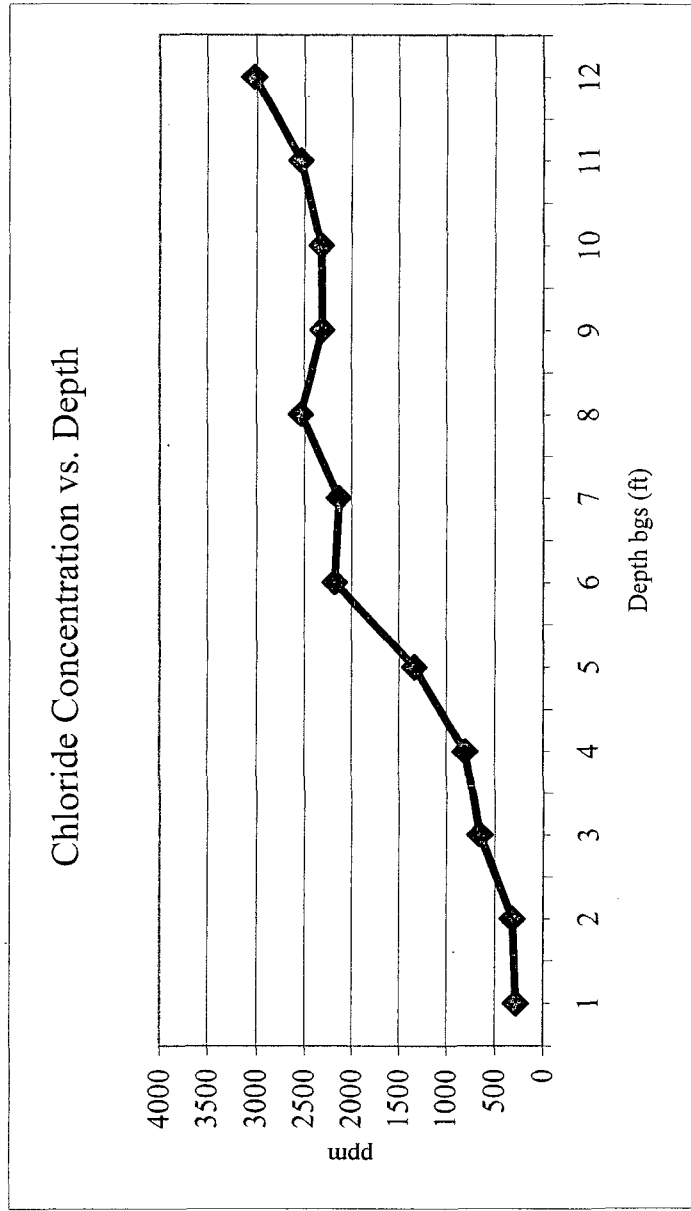
RICE Operating Company

BD XTO A.L. Christmas 'C' vent EOL

unit 'E', Sec. 18, T22S, R37E

Backhoe samples at 15 ft west of the junction (source)

Depth bgs (ft)	[Cl] ppm
1	282
2	319
3	653
4	802
5	1339
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8	2537
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Groundwater = 190 ft