

1R - 426-222

**REPORTS**

**DATE:**

6-1-09

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BD B-17 EOL  
2009

RECEIVED

ADD - 6 2010

Environmental Bureau  
Oil Conservation Division

1R427-222

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

RECEIVED  
APR - 6 2010  
Environmental Bureau  
Oil Conservation District

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS FEET		
Blinebry-Drinkard (BD)	B-17 EOL	B	17	22S	37E	Lea	Length 5'	Width 6'	Depth 6'
							same location		

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

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

Date Started 2/23/2009 Date Completed 2/23/2009 OCD Witness no

Soil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 2/23/2009 Sample Depth 12 ft

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
SOURCE 12' GRAB	0.0	<10.0	<10.0	160

LOCATION	DEPTH	mg/kg
background	6"	180
hand auger samples collected at the junction (source)	6'	300
	7'	420
	8'	540
	9'	460
	10'	360
	11'	330
	12'	270

**General Description of Remedial Action:** This junction box was addressed during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using hand auger at the source to collect soil samples at regular intervals. Chloride field tests were performed on each sample, which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. Laboratory analysis of chloride and TPH confirmed low concentrations. A new, watertight junction box was built in the same location.

enclosures: photos, lab results, PID (field) screenings, chloride curve

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

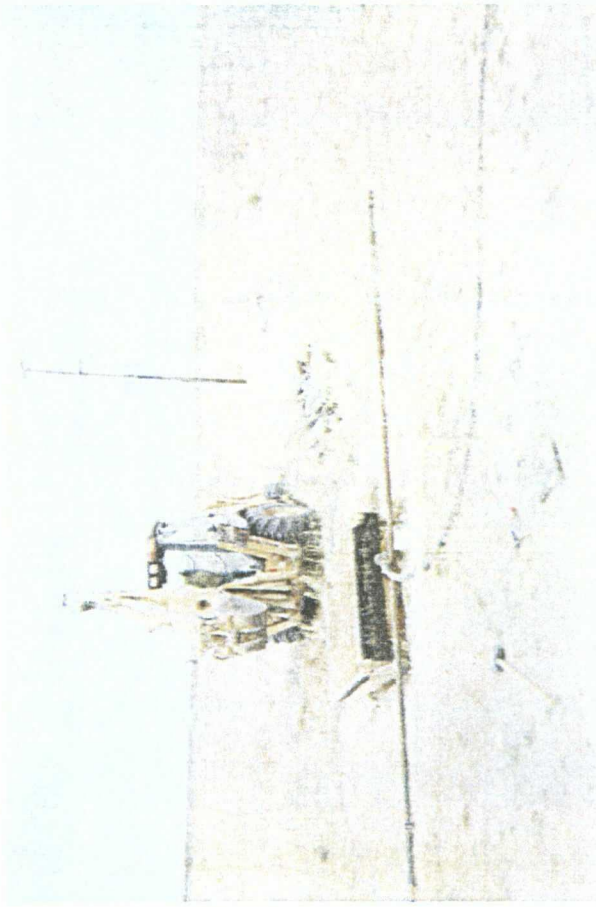
SITE SUPERVISOR Eric Garrison SIGNATURE *Eric Garrison* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 6-1-09

## BD B-17 EOL

Unit B, Section 17, T22S, R37E



former junction box, facing west

2/23/2009



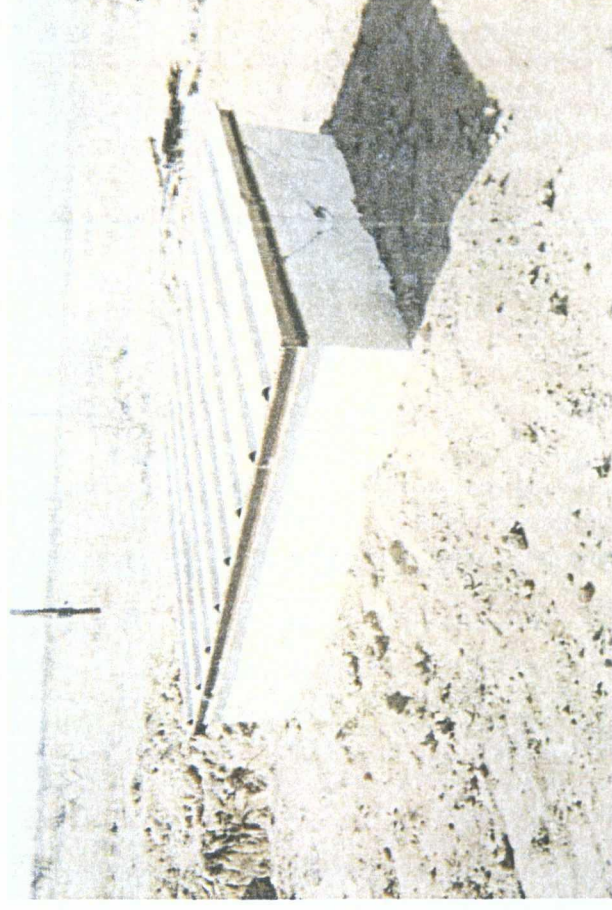
hand auger at the source, facing north

2/23/2009



collecting a soil sample, facing west

2/23/2009



new, watertight junction box

3/19/2009



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: ERIC GARRISON  
122 W. TAYLOR  
HOBBS, NM 88240

Receiving Date: 02/23/09  
Reporting Date: 02/25/09  
Project Number: NOT GIVEN  
Project Name: BD B-17 EOL  
Project Location: BD B-17 EOL

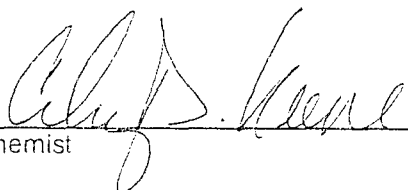
COPY

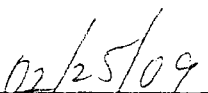
Sampling Date: 02/23/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (C <sub>10</sub> -C <sub>25</sub> ) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		02/25/09	02/25/09	02/25/09
H16954-1	SOURCE BTM @ 12'	<10.0	<10.0	160
Quality Control		514	584	500
True Value QC		500	500	500
% Recovery		103	117	100
Relative Percent Difference		<0.1	4.0	<0.1

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

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

  
Chemist

  
Date

H16954 TCL RICE

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# CARDINAL LABORATORIES

101 East Marlband, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Company Name: <u>See Offsetting</u>		BILL TO		ANALYSIS REQUEST														
Project Manager: <u>See Offsetting</u>		P.O. #:																
Address: <u>See Offsetting</u>		Company:																
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																
Phone # <u>575-174</u> Fax # <u>575-397-1971</u>		Address:																
Project #:		City:																
Project Name: <u>BP B-17-506</u>		State:																
Project Location: <u>B0 B-17-506</u>		Phone #:																
Sampler Name: <u>See Offsetting</u>		Fax #:																
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME												
HUA54-1	See Offsetting	GROUNDWATER	ACID/BASE	OTHER	2-23-09	2:30												
		WASTEWATER	ICE/CODOL	OTHER														
		SLUDGE																
		OIL																
		SOIL																
		# CONTAINERS																
		(GRAB OR COMPOUND)																

Terms and Conditions: Invoices will be charged on all accounts within 30 days past due at the rate of 2% per month from the original date of invoice and all costs of collections, including attorney's fees.

Received By: Nicky Burt Date: 2-23-09 Time: 4:32

Delivered By: Circle One Temp. \_\_\_\_\_

Sampler - UPS - Bus - Other: \_\_\_\_\_

Checked By: WAB (Initials)

Remarks: Results  
Barker@rice.sud.com  
Parvis@rice.sud.com

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

Check Model Number:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 1-12-09
FLL DATE: 10-12-07	METER READING ACCURACY: 100 PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BO	B-17-20L	B	17	225	37E

Initial

Background

SAMPLE ID	PID	SAMPLE ID	PID
6	2.4	6"	0.0
7	0.8		
8	0.6		
9	0.2		
10	0.1		
11	0.0		
12	0.0		

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

SIGNATURE:

*E. J. Serrano*

DATE:

2-23-09

CHLORIDE CONCENTRATION CURVE

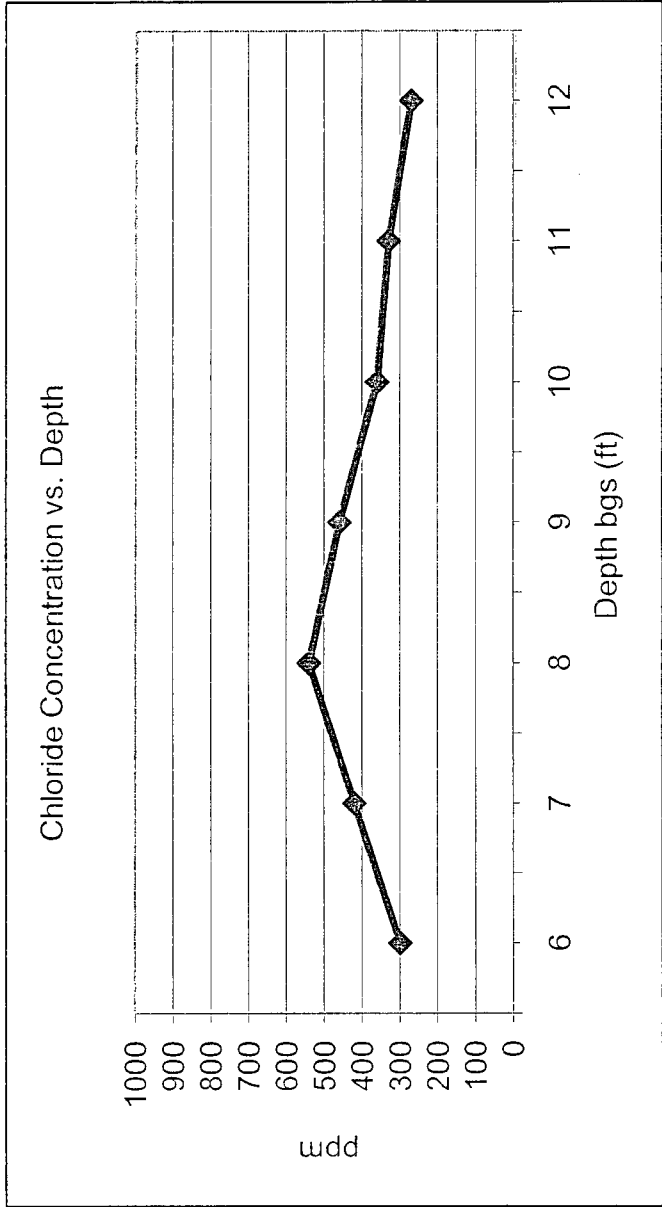
RICE Operating Company

BD B-17 EOL

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

Hand auger samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
6	300
7	420
8	540
9	460
10	360
11	330
12	270



Groundwater = 75 ft