

1R - 426-223

**REPORTS**

**DATE:**

12-9-09

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BD Jct E-14  
2009

1R426-223

RECEIVED

APR - 6 2010

Environmental Bureau  
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**RECEIVED**  
**APR - 6 2010**  
Environmental Bureau  
Oil Conservation Division

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS <sup>1</sup> FEET		
Blinebry-Drinkard (BD)	E-14 EOL	E	14	21S	37E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER James Allen Bryant; etux OTHER \_\_\_\_\_

Depth to Groundwater 41 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/8/2009 Date Completed 10/8/2009 OCD Witness no

Soil Excavated 3.0 cubic yards Excavation Length 2 Width 5 Depth 8 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 10/8/2009 Sample Depth 8 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	Chlorides mg/kg
SOURCE 8' GRAB	0.0	<10.0	<10.0	256

LOCATION	DEPTH	mg/kg
background	6"	210
vertical delineation trench at the junction (source)	4'	241
	5'	211
	6'	238
	7'	211
	8'	241

**General Description of Remedial Action:** This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, the site was investigated using a backhoe to collect soil samples at regular intervals producing a 2x5x8-ft deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors were measured using a PID which also yielded low concentrations. Laboratory analysis of the 8 ft BGS sample confirmed low concentration of chloride and TPH. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 11/6/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

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 not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 12-9-09

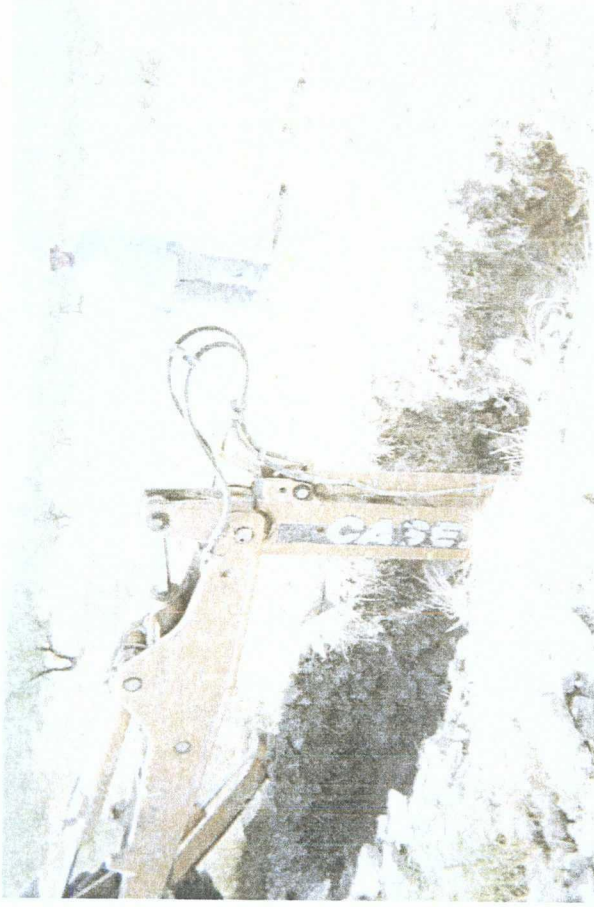
# BD E-14 EOL

Unit E, Section 14, T21S, R37E



former junction box site, facing west

10/18/2009



excavating the former junction box site, facing west

10/18/2009



collecting a soil sample, facing west

10/18/2009



seeding the backfilled site, facing south

11/6/2009



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

COPY

Receiving Date: 10/08/09  
Reporting Date: 10/13/09  
Project Number: NOT GIVEN  
Project Name: BD E-14 EOL  
Project Location: BD E-14 EOL

Sampling Date: 10/08/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

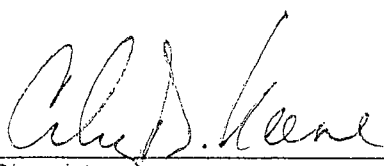
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	
		(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	10/12/09	10/12/09	10/09/09
H18447-1 SOURCE BTTM GRAB @ 8'	<10.0	<10.0	256
Quality Control	447	506	500
True Value QC	500	500	500
% Recovery	89.4	101	100
Relative Percent Difference	2.2	1.9	< 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.

Reported on wet weight.

  
\_\_\_\_\_  
Chemist

  
\_\_\_\_\_  
Date

H18447 TCL RICE

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# CARDINAL LABORATORIES

101 East Mariani, Hobbs, NM 88240

(505) 393-2426 Fax (505) 393-2476

BILL TO		ANALYSIS REQUEST												
P.O. #:														
Company: SAME														
Attn:														
Address:														
City:														
State:														
Phone #:														
Fax #:														
Lab I.D.	Sample I.D.	MATRIX	PRESERV.	SAMPLING	DATE	TIME								
4/18/94	Source Bitter Lake	GROUNDWATER	1	1	10-2-03	11:20								
		WASTEWATER												
		TOILET												
		SLUDGE												
		OTHER												
		ACID/ALKALI												
		ICE/COOL												
		OTHER												

TERMS AND CONDITIONS: Interest will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per month based on the original date of invoice. All other terms of collection, including attorney's fees.

Company Name: <u>Source Bitter Lake</u>	Phone Result: <input type="checkbox"/>	No	Attn Phone #:
Project Manager: <u>Eric Garrison</u>	Fax Result: <input type="checkbox"/>	No	Attn Fax #:
Address: <u>100 W. Taylor</u>	REMARKS:		
City: <u>Albuquerque</u>	<u>RESULTS B. Baker @ Rice Sub. Com</u>		
State: <u>NM</u>	<u>Egarrison @ Rice sub. com</u>		
Zip: <u>87104</u>	<u>505 @ Rice sub. com</u>		
Phone #:			
Fax #:			
Project #:			
Project Name: <u>BDE-14 EOL</u>			
Project Location: <u>BDE-14 EOL</u>			
Project Manager: <u>Eric Garrison</u>			
Project Owner:			
Received By: <u>Eric Garrison</u>	Date: <u>4/4/03</u>		
Received By:	Date:		
Delivered By: (Circle One)	Temp:		
Sampler: UPS - Bus - Other:	Cool: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Impact: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Checked By: <u>MB</u>		

# 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:

X

Model: PGM 7300 Serial No: 590-000183  
 Model: PGM 7300 Serial No: 590-000508  
 Model: PGM 7300 Serial No: 590-000504


Model: PGM 7600 Serial No: 110-023920  
 Model: PGM 7600 Serial No: 110-013744  
 Model: PGM 7600 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924 908	EXPIRATION DATE: 07-28-12
FILL DATE: 07-30-09	METER READING ACCURACY: 100 PPM

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	E-14-EOL	E	14	N/S	37E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
4	0.6	26"	0.0
5	0.0		
6	0.0		
7	0.0		
8	0.0		

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

SIGNATURE:

*E. D. Gullett*

DATE:

10-8-09

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

**BD E-14 EOL**

Unit 'E', Sec. 14, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
4	241
5	211
6	238
7	211
8	241

Groundwater = 41 ft

