

1R - 426-191

# REPORTS

DATE:

12-23-08

**BD Vent M-31**

**/R426-191**

RECEIVED

MAR 25 2009

Environmental Bureau  
Oil Conservation Division

**CLOSURE**

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard (BD)	vent M-31	M	31	21S	37E	Lea	Length 6'	Width 4'	Depth 5'
							eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Patrick Sims \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 105 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/25/2008 Date Completed 7/9/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 13 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/25/2008 Sample Depth 13 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 13' GRAB	0.0	<10.0	<10.0	96

LOCATION	DEPTH	mg/kg
background	6"	90
vertical delineation trench at the junction (source)	6'	428
	7'	430
	8'	392
	9'	396
	10'	395
	11'	345
	12'	260
	13'	183

**General Description of Remedial Action:** This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x13-ft-deep excavation. Field tests were performed on each sample to determine chloride and organic vapor concentrations. Field data suggest the site is low in both chloride and organic vapors with levels similar to that of the background. The deepest sample, 13 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation and clean soil was imported and used as a top cap and to contour the site to the surrounding area. On 7/9/2008, 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 screening, 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 12-23-08

## BD vent M-31

Unit M, Section 31, T21S, R37E



former junction box, facing west

6/25/2008



delineation trench at former junction site

6/25/2008



backfilling excavation

6/25/2008



seeding backfilled site

7/9/2008





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

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: ROY R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (575) 397-1471

Receiving Date: 06/25/08  
Reporting Date: 06/27/08  
Project Owner: NOT GIVEN  
Project Name: NOT GIVEN  
Project Location: BD VENT M-31


Sampling Date: 06/25/08  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: CK/KS/AB

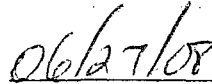
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LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		06/26/08	06/26/08	06/26/08
H15056-1	SOURCE GRAB @ 13 FT	<10.0	<10.0	96
Quality Control		429	477	510
True Value QC		500	500	500
% Recovery		85.8	95.4	102
Relative Percent Difference		7.3	2.3	<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

H15056TCL RICE

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ARDINAL LABORATORIES, INC.

2111 Beachwood, Allene, TX 79503 101 East Marland, Hobbs, NM 88240  
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

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Company Name: Rice Operating Co.		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Bob Patterson		Company:		Address:		City:	
Address: 123 W. Tenth St.		Attn:		State:		Zip:	
City: Dallas, TX		Phone #:		Fax #:		Phone Result:	
Phone #:		Project Owner:		Project Name:		Fax Result:	
Project Location: P.O. Vent M-31		Project State:		Project City:		REMARKS:	
Sample Name: Bruce Baker		Project State:		Project City:		REMARKS:	
Lab I.D.		Project State:		Project City:		REMARKS:	
H15056-1 Source Grab @ 13 FT		Project State:		Project City:		REMARKS:	
Sample I.D.		Matrix		Preserv.		Sampling	
		(G)RAD OR (C)OMP.		OTHER:			
		# CONTAINERS		OTHER:			
		GROUNDWATER		OTHER:			
		WASTEWATER		OTHER:			
		SLUDGE		OTHER:			
		SOIL		OTHER:			
		OIL		OTHER:			
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if 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

PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input type="checkbox"/>
MODEL	<input type="checkbox"/>
NO.	<input type="checkbox"/>
	<input checked="" type="checkbox"/>

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/4/09
FILL DATE: 10/04/07	METER READING ACCURACY: 100ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Jct M-31 Vent	M	31	215	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
6'	0		
7'	0		
8'	0		
9'	0		
10'	0		
11'	0		
12'	0		
13'	0		

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

SIGNATURE:

Larry Bruce Barker Jr.

DATE:

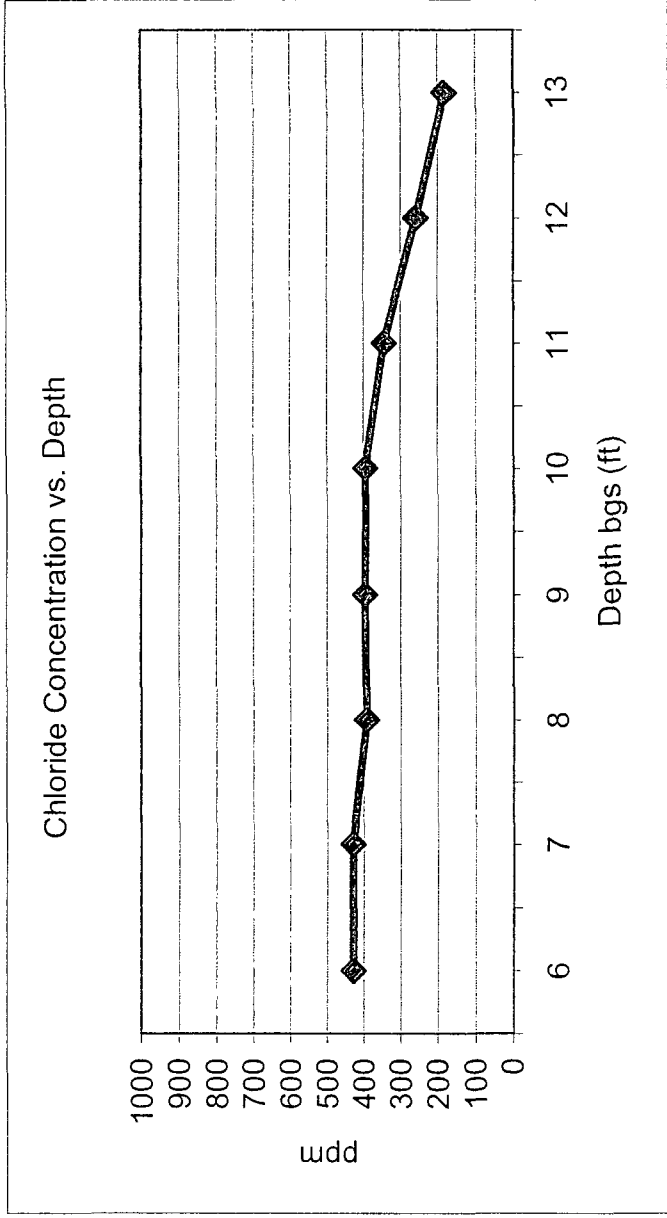
6-25-08

# **BD vent M-31**

Unit 'M', Sec. 31, T21S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	Cl ppm
6	428
7	430
8	392
9	396
10	395
11	345
12	260
13	183



Groundwater = 105 ft