

1R - 426-191

REPORTS

DATE:

12-23-08

BD Vent M-31

1R426-191

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		
							Length 6'	Width 4'	Depth 5'
Blinebry-Drinkard (BD)	vent M-31	M	31	21S	37E	Lea	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.

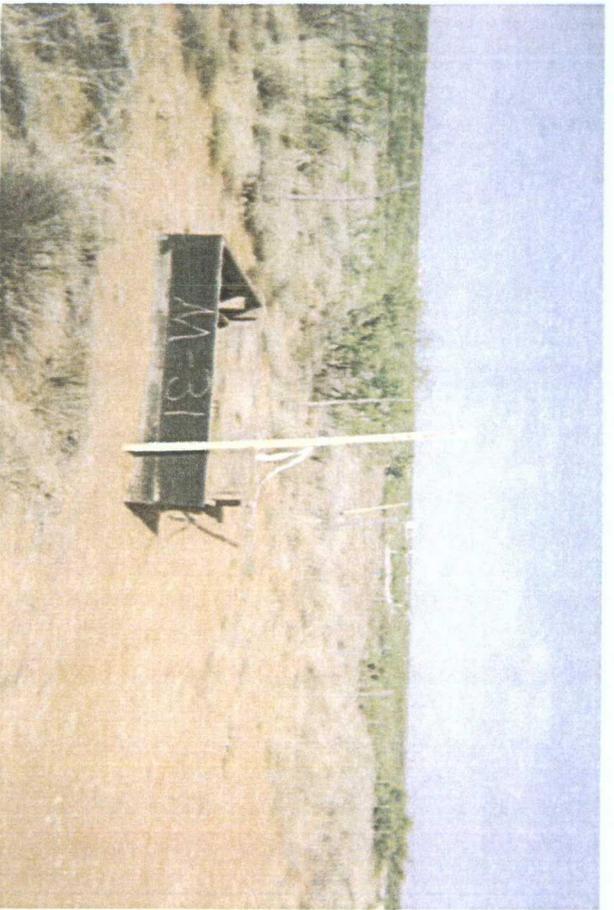
SITE SUPERVISOR Darnell Mitchell SIGNATURE *Darnell Mitchell* COMPANY RICE OPERATING COMPANY

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



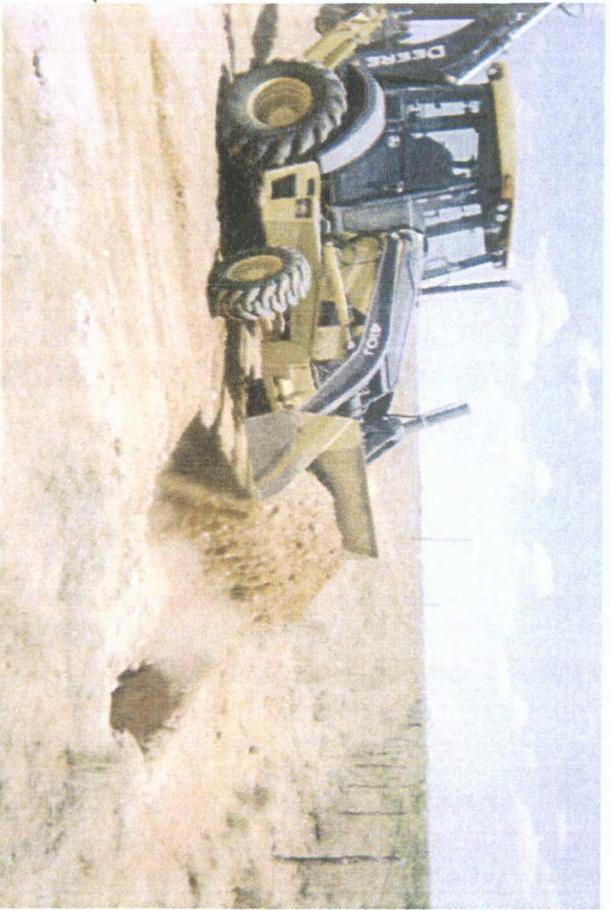
former junction box, facing west

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

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (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; Cl: Std. Methods 4500-Cl B

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

Chemist

Date

H15056TCL 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 analyses. 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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	Jet 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 Parker Jr.

DATE:

6-25-08

CHLORIDE CONCENTRATION CURVE

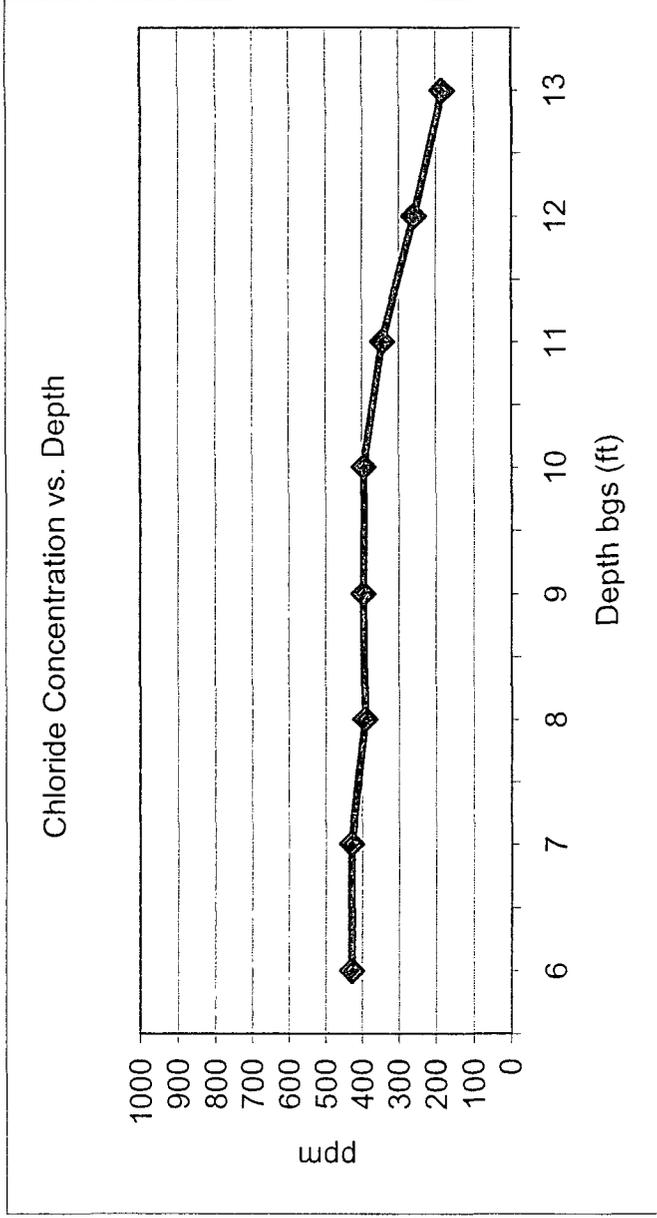
RICE Operating Company

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