

1R - 426-174

REPORTS

DATE:

7-9-08

BD I-32 VENT

1R426-174

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 10'	Width 8'	Depth 2'
Blinebry-Drinkard (BD)	Jct. I-32 vent	I	32	21S	37E	Lea	eliminated		

LAND TYPE: BLM ___ STATE ___ FEE LANDOWNER G.P. Sims OTHER _____

Depth to Groundwater 100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/20/2007 Date Completed 2/25/2008 OCD Witness no

Soil Excavated 5.0 cubic yards Excavation Length 5 Width 3 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/25/2008 Sample Depth 9 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 9' GRAB	0.0	<10.0	<10.0	64
BACKFILL	0.0	<10.0	<10.0	<16

General Description of Remedial Action: This box was eliminated as part of the pipeline replacement/upgrade program. After the box was removed an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x9-ft-deep hole. A chloride field test performed on each sample yielded low concentrations similar to that of the background levels. Organic vapors were measured using a PID, which also yielded low concentrations. Commercial laboratory analyses performed on the backfill and the deepest sample from the source (9' bgs) confirmed that the soil was low in chloride and organics. The site was then backfilled and contoured to the surrounding area. On 02/26/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	1'	114
vertical delineation trench at the junction	5'	78
	6'	181
	7'	193
	8'	113
9'	171	
backfill comp.	n/a	79

enclosures: photos, lab results, PID screenings, chloride graph

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

REPORT ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY

SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.

DATE 7-9-08 TITLE PROJECT LEADER

BD Jct. I-32 vent

Unit I, Section 32, T21S, R37E



former junction box site being excavated, facing east

2/25/2008



sampling at 9' bgs, facing east

2/25/2008



back filling excavation site, facing east

2/25/2008



seeding backfilled site, facing east

2/26/2008



COPY

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

ANALYTICAL RESULTS FOR
 RICE OPERATING CO.
 ATTN: BRUCE BAKER
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (575) 397-1471

Receiving Date: 02/25/08
 Reporting Date: 02/27/08
 Project Owner: NOT GIVEN
 Project Name: BD JCT. I-32 VENT
 Project Location: BD JCT. I-32 VENT

Sampling Date: 02/25/08
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		02/26/08	02/26/08	02/26/08
H14327-1	SOURCE @ 9'	<10.0	<10.0	64
H14327-2	BLENDED BACKFILL	<10.0	<10.0	<16
Quality Control		418	470	500
True Value QC		500	500	500
% Recovery		83.6	94.0	100
Relative Percent Difference		6.6	11.3	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB
 *Analyses performed on 1:4 w:v aqueous extracts.

RECEIVED

FEB 29 2008

RICE OPERATING
 HOBBS, NM

Chemist

Date

H14327TCL RICE

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/12/09
FILL DATE: 10/12/07	METER READING ACCURACY: 99ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Jet I-32 Vent	I	32	215	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
5'	0	Blended BACKFILL	0
6'	0		
7'	0		
8'	0		
9'	0		

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

SIGNATURE:

Bruce Baker

DATE:

2-25-08

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Jct. I-32 vent

unit T, Sec. 32, T21S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5	78
6	181
7	193
8	113
9	171

Groundwater = 100 ft

