

1R - 426-246

REPORTS

DATE:

3-25-10

**BD Jct G-16
2009**

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

1R426-246

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Bliebry-Drinkard (BD)	Jct. G-16	G	16	21S	37E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 12/17/2009 Date Completed 12/21/2009 OCD Witness no

Soil Excavated 6.7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 12/17/2009 Sample Depth 12 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 12' GRAB	0.0	<10.0	<10.0	64

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	7'	1068
	8'	296
	9'	178
	10'	233
	11'	203
	12'	145

General Description of Remedial Action: This junction was eliminated under the

pipeline replacement/upgrade program. After the former junction was removed, an

investigation was conducted using a backhoe to collect soil samples at regular intervals.

Chloride field tests were performed on each sample, which yielded low concentrations of

chloride. Organic vapors were measured using a PID, which also yielded low

concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations

of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area.

On 12/21/09, 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 reports, (field) PID readings, chloride curve

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

SITE SUPERVISOR Noel Carmone SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT
ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-25-10

BD Junction G-16

Unit G, Section 16, T21S, R37E



Delineation trench at former junction box

12/17/2009



Sample being taken

12/17/09



Backfilling excavation

12/21/2009



Seeding excavation

12/21/2009



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

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

Receiving Date: 12/17/09
Reporting Date: 12/18/09
Project Number: NOT GIVEN
Project Name: SOURCE @ 12'
Project Location: B.D. G-16 (21-37)

Sampling Date: 12/17/09
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: AB
Analyzed By: AB/HM

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

ANALYSIS DATE	12/18/09	12/18/09	12/18/09
H18903-1 SOURCE @ 12'	<10.0	<10.0	64
Quality Control	497	496	500
True Value QC	500	500	500
% Recovery	99.4	99.2	100
Relative Percent Difference	1.0	3.9	< 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

H18903 TCL RICE

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CARDINAL LABORATORIES, INC.

2111 Beachwood, Abilene, TX 79603 (325) 673-7001 Fax (325) 673-7020 (506) 393-2326 Fax (505) 393-2416

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: <u>Price Operating Co</u>		P.O. #		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Bruce Baker</u>		Company:					
Address: <u>123 W. Taylor</u>		Attn:					
City: <u>Abilene</u>		Address:					
State: <u>TX</u>		City:					
Zip: <u>79603</u>		State:					
Phone #: <u>515 593-9174</u>		Phone #:					
Fax #: <u>515 593-9174</u>		Fax #:					
Project #:		Project Owner:					
Project Name: <u>Source 6-12</u>							
Project Location: <u>FD 6-16 21-37</u>							
Sampler Name: <u>Abel Carmona</u>							
Sample ID: <u>Source 6-12</u>							
Lab ID: <u>Source 6-12</u>							
Matrix:		PRESERV.		DATE		TIME	
GROUNDWATER		ACID/BASE		12-17-07		3:00pm	
WASTEWATER		OTHER:					
OIL		OTHER:					
SLUDGE		OTHER:					
ICE/COOL		OTHER:					
OTHER:		OTHER:					
# CONTAINERS		OTHER:					
(G)RAB OR (C)OMP		OTHER:					
Received By: <u>Price Operating Co</u>		Received By: (Lab Staff)					
Time: <u>4:35p</u>		Time:					
Date: <u>12/17/07</u>		Date:					
Unqualified By: (Circle One)		Unqualified By:					
Sampler - UPS - Bus - Other:		Sampler - UPS - Bus - Other:					
Remarks: <u>Envel Jforvis & Blake</u>		Remarks:					
Phone Result: <u>Yes</u>		Phone Result:					
Fax Result: <u>Yes</u>		Fax Result:					
Remarks: <u>Envel Jforvis & Blake</u>		Remarks:					

* Brought in on 12-17-07

RICE OPERATING COMPANY

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

Check Model Number:

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

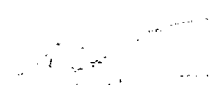
LOT NO: 925621	EXPIRATION DATE: 9-27-2021
FILL DATE: 10/1/21	METER READING ACCURACY: 100 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
ED.	E-16	E	16	21	37

SAMPLE ID	PID	SAMPLE ID	PID
Source e 7'	.8		
8'	0		
9'	0		
10'	0		
11'	0		
Source e 12'	0		

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

SIGNATURE: 

DATE: 10/1/21

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Junction G-16

Unit 'G', Sec. 16, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
7'	1068
8'	296
9'	178
10'	233
11'	203
12'	145

Groundwater = 60 ft

