

1R - 426-264

REPORTS

DATE:

2-28-11

1R 100

BD Jct. H-2

2010

RECEIVED

APR - 1 2011

**Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505**

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 6 ft.	Width 5 ft.	Depth 5 ft.
BLINEBRY- DRINKARD BD	Jct. H-2	H	2	22S	37E	Lea	new water tight junction same location		

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

Depth to Groundwater 54' feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/25/2010 Date Completed 10/25/2010 OCD Witness No

Soil Excavated 5.3 cubic yards Excavation Length 6 Width 2 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility N/A Location N/A

FINAL ANALYTICAL RESULTS: Sample Date 10/25/2010 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'	0.2	<10	<10	32

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
Background	6"	147
Vertical Delineation of the Junction (source)	6'	209
	7'	148
	8'	147
	9'	143
	10'	204
	11'	148
	12'	150

General Description of Remedial Action: This junction was addressed during 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 creating a 6X2X12-ft. deep excavation. Chloride field tests were performed on each sample yielded chloride concentration similar to that of the background sample.

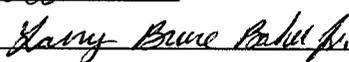
Organic vapors, were measured using a PID, yielded low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The excavated soil was returned to the excavation to 5 ft. below ground surface (BGS). A new water tight junction box was built in the same location.

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 John R. Harrison SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 2-28-11

BD Jct. H-2



Site prior to excavation

10/25/2010

Unit H, Section 2, T22S, R37E



Delineation trench being excavated

10/25/2010



Collecting sample

10/25/2010



New water tight junction box

2/23/2011

Analytical Results For:

Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

Received: 10/25/2010
 Reported: 10/26/2010
 Project Name: BD H-2 22/37
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 10/25/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SOURCE @ 12' (H021141-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/25/2010	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/25/2010	ND	170	85.2	200	12.2		
DRO >C10-C28	<10.0	10.0	10/25/2010	ND	194	96.8	200	12.2		

Surrogate: 1-Chlorooctane 91.0 % 70-130
 Surrogate: 1-Chlorooctadecane 94.8 % 70-130

COPY

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Rice Operating Company
Project Manager: ~~Hank Conder~~ **BRUCE BAKER**
Address: 122 West Taylor
City: Hobbs **State:** NM **Zip:** 88240
Phone #: 575-393-9174 **Fax #:** 575-397-1471
Project #: **Project Owner:**
Project Name: **BD H-2 22-37**
Project Location:
Sampler Name: Robert Harrison
FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(GRAB OR (C)MP)	CONTAINERS	MATRIX			PRESERV			DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE			
H2111-	SOURCE @ 12'	G	6	✓		✓				10/25/10	9:30	Chlorides ✓ TPH 8015 M ✓ BTEX Texas TPH Complete Cations/Anions

Relinquished By: Robert Harrison
Relinquished By: *[Signature]*
Delivered By: (Circle One) *[Signature]*
Sampler: UPS - Bus - Other:

Received By: *[Signature]*
Date: 10/25/10 **Time:** 12:22
Received By: *[Signature]*
Date: 10/25/10 **Time:** 12:22

Sample Condition: Intact Yes No
Checked By: (Initials) *CBK*

Relinquished By: Robert Harrison
Phone Result: Yes No
Fax Result: Yes No
REMARKS: email results
 Bbaker@riceswd.com; Kjones@riceswd.com;
 Regens@riceswd.com R.harrison@riceswd.com
 Rush 631-8700 call w/Verbal

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

NEED SAMPLES BACK, PLEASE

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.
 MODEL
 NO.

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL: PGM 7300	SERIAL NO: 590-000504
MODEL: PGM 7320	SERIAL NO: 592-903318
MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>930737</u>	EXPIRATION DATE: <u>6-16-13</u>
METER READING ACCURACY: <u>100.00</u>	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>H-2</u>	<u>H</u>	<u>2</u>	<u>22</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Source @ 6'</u>	<u>0.9</u>		
<u>7'</u>	<u>0.3</u>		
<u>8'</u>	<u>0.3</u>		
<u>9'</u>	<u>0.2</u>		
<u>10'</u>	<u>0.2</u>		
<u>11'</u>	<u>0.1</u>		
<u>12'</u>	<u>0.2</u>		
<u>B/G 6"</u>	<u>0.5</u>		
		COPY	

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

SIGNATURE: _____

Sean Gray

DATE: 10-25-10

BD H-2 JCT

Unit 'H', Sec. 2, T22S, R37E

Delineation of Source

Depth bgs (ft)	[Cl ⁻] ppm
6	209
7	148
8	147
9	143
10	204
11	148
12	150

Groundwater = 54 ft

