

1R - 426-284

REPORTS

DATE:

3-18-11

1R426-284

BD O-6 EOL

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		
Blinebry-Drinkard (BD)	O-6 EOL	O	6	22S	38E	Lea	Length 9 ft.	Width 4 ft.	Depth 2 ft.
							new water tight box moved 190 ft. south west		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Walco Ranch, LLC OTHER _____

Depth to Groundwater 55 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/9/2010 Date Completed 11/17/2010 OCD Witness no

Soil Excavated 5.2 cubic yards Excavation Length 7 Width 2 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/17/2010 Sample Depth 10 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 10' GRAB	4.0	<10.0	<10.0	208

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	85
vertical delineation at junction (source)	3'	232
	4'	914
	5'	1023
	6'	1385
	7'	699
	8'	1085
	9'	520
	10'	273

General Description of Remedial Action: This junction was addressed 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 creating a 7X2X10-ft. deep excavation. Chloride field tests performed on each sample yielded concentrations that did relent with depth. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 10 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 ground surface and contoured to the surrounding area. On 11/17/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. A new water tight junction box built 190 ft. south west.

enclosures: photos, lab analysis, 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 Harrison SIGNATURE Not Available COMPANY RICE OPERATING COMPANY

REPORT
ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-18-11

BD O-6 EOL

Unit O, Section 6, T22S, R38E



Site prior to excavation

11/09/2010



Delineation trench being excavated

11/09/2010



Backfilling excavation

11/17/2010



New water tight junction box

2/28/2011

Analytical Results For:

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

Received: 11/17/2010
Reported: 11/29/2010
Project Name: BD O-6 EOL 22/38
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/17/2010
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SOURCE @ 10' (H021327-01)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/20/2010	ND	416	104	400	0.00		
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	11/19/2010	ND	156	77.9	200	7.63		
DRO >C10-C28	<10.0	10.0	11/19/2010	ND	153	76.7	200	9.46		
Surrogate: 1-Chlorooctane	100 %	70-130								
Surrogate: 1-Chlorooctadecane	99.5 %	70-130								

COPY

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL 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

Company Name: Rice Operating Company		P.O. #:		Analysis Request	
Project Manager: Brock Conder		Company:		Complete Cations/Anions	
Address: 122 West Taylor		Attn:		Texas TPH	
City: Hobbs		Address:		BTEX	
State: NM		City:		TPH 8015 M	
Zip: 88240		State:		Chlorides	
Phone #: 575-393-9174		Phone #:			
Fax #: 575-397-1471		Fax #:			
Project #: 0-6 EOL Project					
Project Name: 130 H-7-F-22-38					
Project Location:					
Sampler Name: Robert Harrison					
Lab I.D.	Sample I.D.	MATRIX	PRESERV.	DATE	TIME
H213M-1	Source @ 10'	GROUNDWATER	✓	11/17/0	1000
		WASTEWATER			
		SOIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		(G)RAB OR (C)OMP.			
		# CONTAINERS			

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Relinquished By: Robert Harrison Date: 11/17/0 Time: 4:10

Relinquished By: Robert Harrison Date: 11/17/0 Time: 4:10

Delivered By: (Circle One) Sampler UPS - Bus - Other:

Checked By: Robert Harrison (Initials)

Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No

Phone Result: ☐ Yes ☐ No Add'l Phone #: 575-393-9174

Fax Result: ☐ Yes ☐ No Add'l Fax #: 575-397-1471

REMARKS: email results

Bbaker@riceswd.com; KJones@riceswd.com;
Rogans@riceswd.com Rhamison@riceswd.com
* Project name changed as per Robert. 11/22/10

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

NEED SAMPLES BACK, PLEASE

#26

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:

✓

Model: PGM 7300

Serial No: 590-000183

Model: PGM 7300

Serial No: 590-000508

Model: PGM 7300

Serial No: 590-000504

Model: PGM 7600

Serial No: 110-023920

Model: PGM 7600

Serial No: 110-013744

Model: PGM 7600

Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 930737	EXPIRATION DATE: 6/16/13
METER READING ACCURACY: 100.0	

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	0-6	0	6	22 S	38 E

SAMPLE ID	PID	SAMPLE ID	PID
SOURCE @ 8'	11.4		
9'	10.2		
10'	4.0		

COPY

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

SIGNATURE:

[Handwritten Signature]

DATE:

11/17/10

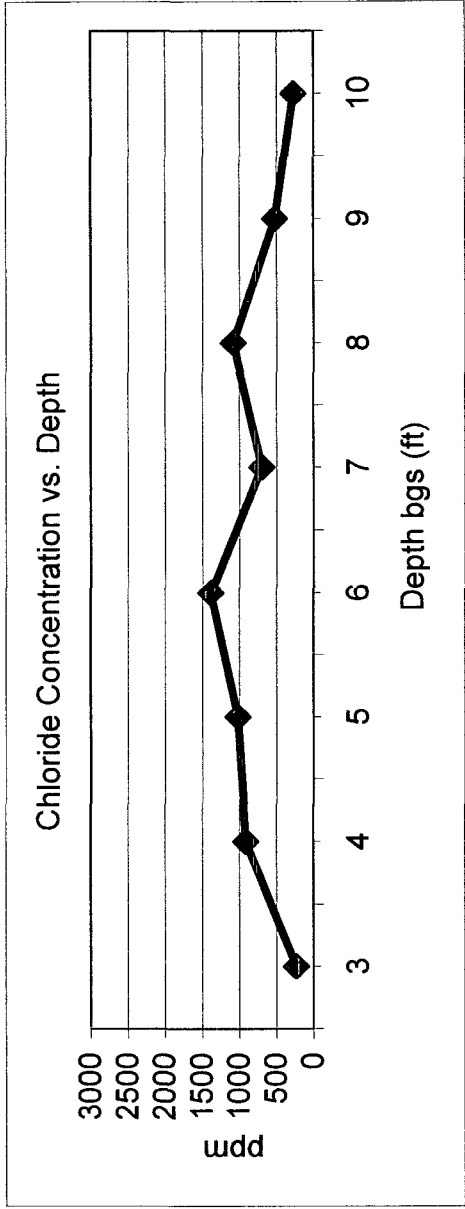
CHLORIDE CONCENTRATION CURVE

BD O-6 EOL

Unit 'O', Sec. 6, T22S, R38E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
3	232
4	914
5	1023
6	1385
7	699
8	1085
9	520
10	273



Groundwater = 55 ft.