

1R - 426-265

REPORTS

DATE:

2-24-11

1R426-265

BD D-12 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		
							Length 5 ft.	Width 4ft.	Depth 3 ft.
BLINEBRY- DRINKARD BD	D-12 EOL	D	12	22S	37E	Lea	new water tight box 127 ft. north east		

LAND TYPE: BLM ___ STATE ___ FEE LANDOWNER WALCO RANCH LLC OTHER _____

Depth to Groundwater 59' feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 10/28/2010 Date Completed 10/28/2010 OCD Witness NO

Soil Excavated 3.3 cubic yards Excavation Length 5 Width 3 Depth 6 feet

Soil Disposed NONE cubic yards Offsite Facility N/A Location N/A

FINAL ANALYTICAL RESULTS: Sample Date 10/28/2010 Sample Depth 6 ft

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

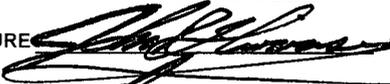
Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE @ 6'	1.1	<10	<10	16

CHLORIDE FIELD TESTS		
LOCATION	DEPTH	mg/kg
BACKGROUND	6"	149
Vertical Delineation of the Junction (source)	2'	143
	3'	153
	4'	147
	5'	149
	6'	146

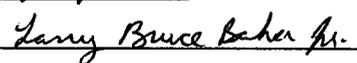
General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect samples at regular intervals producing a 5X3X6-ft.-deep excavation. Chloride field tests were performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 6 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. On 10/28/2010, 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 box was built 127 ft. north east of former junction box.

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 John R. Harrison INITIAL JRH

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 2-24-11

BD D-12 EOL



SITE PRIOR TO DELINEATION

10/28/10

UNIT D SEC 12 T22S R37E



DELINEATION TRENCH

10/28/10



COLLECTING SAMPLE

10/28/10



SEEDING SITE

10/28/10

Analytical Results For:

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

Received: 10/28/2010
 Reported: 11/02/2010
 Project Name: BD D-12 EOL (22/37)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 10/28/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @ 6' (H021176-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/29/2010	ND	464	116	400	3.51	

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	10/30/2010	ND	178	88.9	200	7.41	
DRO >C10-C28	<10.0	10.0	10/30/2010	ND	178	88.9	200	7.46	

Surrogate: 1-Chlorooctane 104 % 70-130
 Surrogate: 1-Chlorooctadecane 106 % 70-130

COPY

Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 395-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL	<input type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000504
NO.	<input type="checkbox"/>	MODEL: PGM 7320	SERIAL NO: 592-903318
	<input type="checkbox"/>	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>100-0</u>	

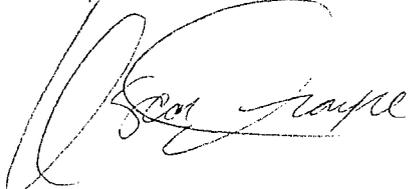
ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>D-12EOL</u>	<u>D</u>	<u>12</u>	<u>22</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Source @ 2'</u>	<u>2.7</u>		
<u>3'</u>	<u>1.8</u>		
<u>4'</u>	<u>1.4</u>		
<u>5'</u>	<u>1.2</u>		
<u>6'</u>	<u>1.1</u>		
<u>B/B 6"</u>	<u>1.9</u>		

COPY

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

SIGNATURE: 

DATE: 10-28-10.

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD D-12 EOL

Unit 'D', Sec. 12, T22S, R37E

Delineation of Source

Depth bgs (ft)	[Cl ⁻] ppm
2	143
3	153
4	147
5	149
6	146

Groundwater = 59 ft

