

1R - 426-246

REPORTS

DATE:

3-25-10

**BD Jct G-16
2009**

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

1R 426-246

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		
							Length	Width	Depth
Bliebry-Drinkard (BD)	Jct. G-16	G	16	21S	37E	Lea	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 [Signature] 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



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.

Walter Baker
 Chemist

12/18/09
 Date

H18903 TCL RICE

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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
 Model: PGM 7300
 Model: PGM 7300

Serial No: 590-000183
 Serial No: 590-000508
 Serial No: 590-000504

Model: PGM 7600
 Model: PGM 7600
 Model: PGM 7600

Serial No: 110-023920
 Serial No: 110-013744
 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>925621</i>	EXPIRATION DATE: <i>9-27-02</i>
FILL DATE: <i>N/A</i>	METER READING ACCURACY: <i>100 ppm</i>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>ED</i>	<i>6-16</i>	<i>E</i>	<i>16</i>	<i>21</i>	<i>37</i>

SAMPLE ID	PID	SAMPLE ID	PID
<i>Source e</i>	<i>71 .8</i>		
	<i>81 0</i>		
	<i>91 0</i>		
	<i>101 0</i>		
	<i>111 0</i>		
<i>Source e</i>	<i>121 0</i>		

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

SIGNATURE: *[Signature]*

DATE: *10-7-02*

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

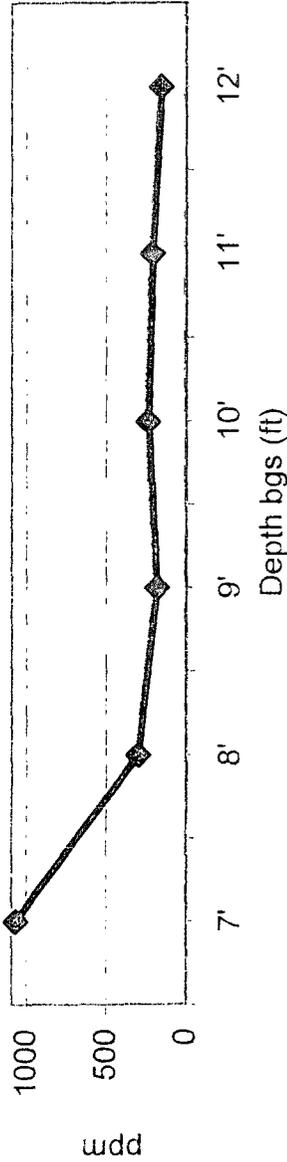
BD Junction G-16

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

Chloride Concentration vs. Depth



Groundwater = 60 ft