

1R - 426 - 275

REPORTS

DATE:

8-27-10

1R426-275

BD Jct. C-23

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 4'	Width 4'	Depth 3'
Blinebry-Drinkard (BD)	Jct. C-23	C	23	22S	37E	Lea	Eliminated		

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

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

Date Started 4/1/2010 Date Completed 4/1/2010 OCD Witness no

Soil Excavated 8.3 cubic yards Excavation Length 7 Width 4 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/1/2010 Sample Depth 8 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	Chlorides mg/kg
SOURCE 8' GRAB	12.5	<10.0	<10.0	32

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	background	59
	6"	148
	4'	180
	5'	85
	6'	60
	7'	59

General Description of Remedial Action: This junction and line were eliminated under 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 producing a 7X4X8-ft.-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 8 ft. BGS was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 4/1/2010, the 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 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 Robert Egans SIGNATURE *Robert Egans* 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 8-27-10

BD Jct. C-23

Unit C, Section 23, T22S, R37E



Site prior to excavation

4/1/2010



Collecting a soil sample

4/1/2010



Backfilling site

4/1/2010



Seeding site

4/1/2010

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>928167</u>	EXPIRATION DATE: <u>1-17-2013</u>
FILL DATE:	METER READING ACCURACY: <u>100 ppm</u>

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>C-23</u>	<u>C</u>	<u>23</u>	<u>22</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Back ground</u>	<u>7.2</u>		
<u>Source 4'</u>	<u>5</u>		
<u>5'</u>	<u>5.4</u>		
<u>6'</u>	<u>90.5</u>		
<u>7'</u>	<u>364</u>		
<u>8'</u>	<u>12.5</u>		

COPY

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

SIGNATURE: Robert Jones

DATE: 4-1-2010

CHLORIDE CONCENTRATION CURVE

BD Jct. C-23

Unit 'C', Sec. 23, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
4	148
5	180
6	85
7	60
8	59

Groundwater = 59 ft

