

1R - 426-189

REPORTS

DATE:

12-30-08

BD Range Corrigan EOL

1R426-189

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard (BD)	Range Corrigan EOL	P	33	21S	37E	Lea	Length 8'	Width 6'	Depth 3'
							moved 30 ft East		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Mr. Gardner _____ OTHER _____

Depth to Groundwater _____ 100 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 30* _____

Date Started _____ 7/10/2008 _____ Date Completed _____ 7/11/2008 _____ OCD Witness _____ no _____

Soil Excavated _____ 6 _____ cubic yards Excavation Length _____ 5 _____ Width _____ 3 _____ Depth _____ 10 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 7/10/2008 _____ Sample Depth _____ 10 ft _____

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

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 10' GRAB	0.7	<10.0	<10.0	400

LOCATION	DEPTH	mg/kg
background	1'	115
vertical delineation trench at junction (source)	4'	4,667
	5'	1,410
	6'	719
	7'	831
	8'	582
	9'	503
	10'	451

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. A new, watertight junction box was built 30 ft East of the former. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x10-ft-deep excavation. Field tests were performed on each sample to determine chloride and organic vapor concentrations. Chloride field tests yielded generally low concentrations that decreased 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. The excavated soil was blended on-site and returned to the excavation to ground surface and contoured to the surrounding area.

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.

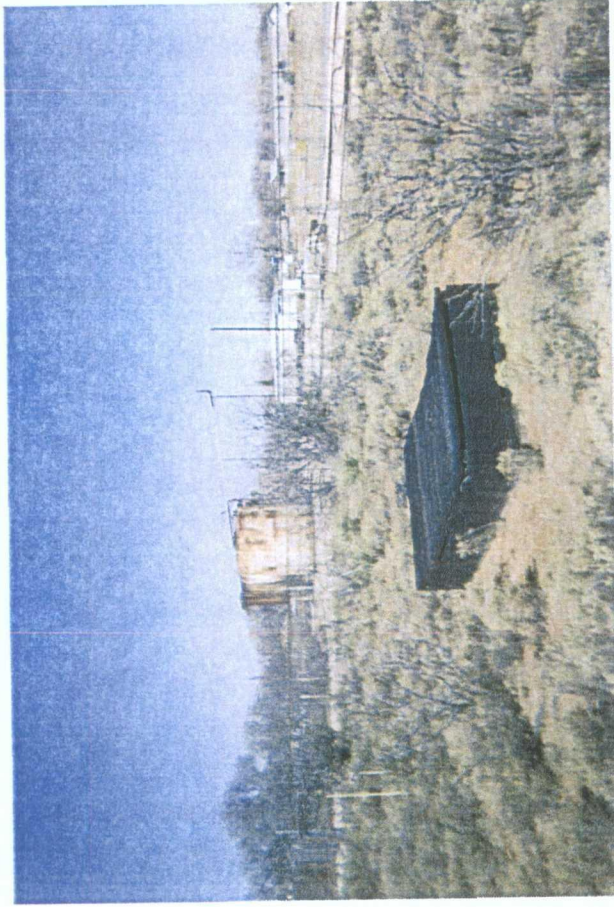
SITE SUPERVISOR _____ Darnell Mitchell _____ SIGNATURE Darnell Mitchell _____ COMPANY _____ RICE OPERATING COMPANY _____

REPORT ASSEMBLED BY _____ Katie Jones _____ INITIAL KJ _____

PROJECT LEADER _____ Larry Bruce Baker Jr. _____ SIGNATURE Larry Bruce Baker Jr. _____ DATE 12-30-08 _____

BD Range Corrigan EOL

Unit P, Section 33, T21S, R37E



undisturbed junction box

2/6/2008



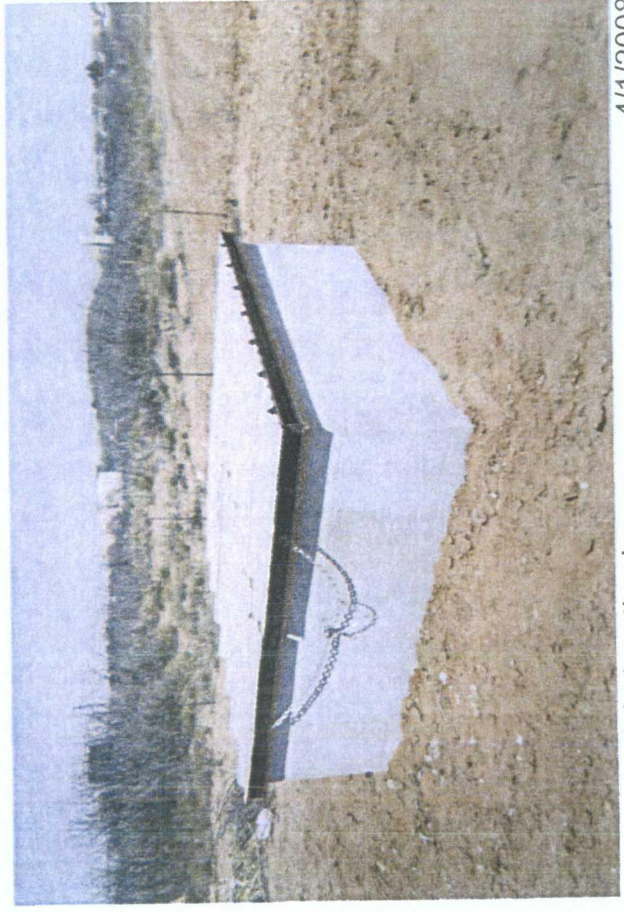
taking a soil sample

7/10/2008



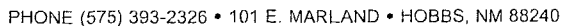
spreading clean, imported soil on site

7/11/2008



new, watertight junction box

4/1/2008



H15144TCL Rice



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

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

PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input checked="" type="checkbox"/>
MODEL	<input type="checkbox"/>
NO.	<input type="checkbox"/>

MODEL: PGM 7600

SERIAL NO: 110-013676

MODEL: PGM 7600

SERIAL NO: 110-013744

MODEL: PGM 7600

SERIAL NO: 110-12383

MODEL: PGM 7600

SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 4-10-09
FILL DATE: 10-4-07	METER READING ACCURACY: 100 PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.O	Range CORRIGAN EOL	P	33	T-21S	R.37E

SAMPLE ID	PID	SAMPLE ID	PID
4'	0.9	BACK GROUND 1 FT	0.5
5'	15.5		
6'	2.8		
7'	2.2		
8'	0.6		
9'	0.8		
10'	0.7		

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

SIGNATURE: Danell Mitchell

DATE: 7-10-08

BD Range Corrigan EOL

Unit 'P', Sec. 33, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
4	4,667
5	1,410
6	719
7	831
8	582
9	503
10	451

Groundwater = 100 ft

