

1R - 426-182

REPORTS

DATE:

8-22-08

BD Jct H-16

1R426-182

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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)	Jct. H-16	H	16	21S	37E	Lea	Length 8'	Width 7'	Depth 4'
							same location		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 75 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 5/8/2008 Date Completed 5/8/2008 OCD Witness no

Soil Excavated 4 cubic yards Excavation Length 5 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/8/2008 Sample Depth 7 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	Chlorides mg/kg
SOURCE 7' GRAB	0.0	<10.0	<10.0	256

LOCATION	DEPTH	mg/kg
background	6"	137
vertical delineation trench at the junction (source)	4'	346
	5'	365
	6'	206
	7'	232

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was built in place of the former. After the former junction box 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, similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 7 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.

enclosures: photos, lab results, PID screenings, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REPORT

ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY

SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.

DATE 8-22-08 TITLE PROJECT LEADER

BD Jct. H-16

Unit H, Section 16, T21S, R37E



former junction box floor

prior to 5/8/2008



delineation trench to 7 ft BGS at former junction site

5/8/2008



new, watertight junction box floor

5/29/2008



new, watertight junction box

6/11/2008

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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MAY 15 2008

RICE OPERATING
HOBBS, NM

COPY

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: BRUCE BAKER
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 05/08/08
Reporting Date: 05/13/08
Project Owner: NOT GIVEN
Project Name: BD JCT H-16
Project Location: BD JCT H-16

Sampling Date: 05/08/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: CK/AB/KS

	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl*
LAB NUMBER SAMPLE ID			(mg/kg)

ANALYSIS DATE	05/09/08	05/09/08	05/09/08
H14778-1 SOURCE 7' GRAB	<10.0	<10.0	256
Quality Control	553	470	500
True Value QC	500	500	500
% Recovery	111	94.0	100
Relative Percent Difference	5.5	3.4	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B

*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

Date _____

H14778TCL RICE

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YED

ARDINAL 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

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

PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.
MODEL
NO.

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 110-013676
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/12/09
FILL DATE: 10/12/07	METER READING ACCURACY: 98.9 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	H-16	H	16	215	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
4'	0		
5'	0		
6'	0		
7'	0		

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

SIGNATURE:

Bruce Barker

DATE:

5-8-08

CHLORIDE CONCENTRATION CURVE

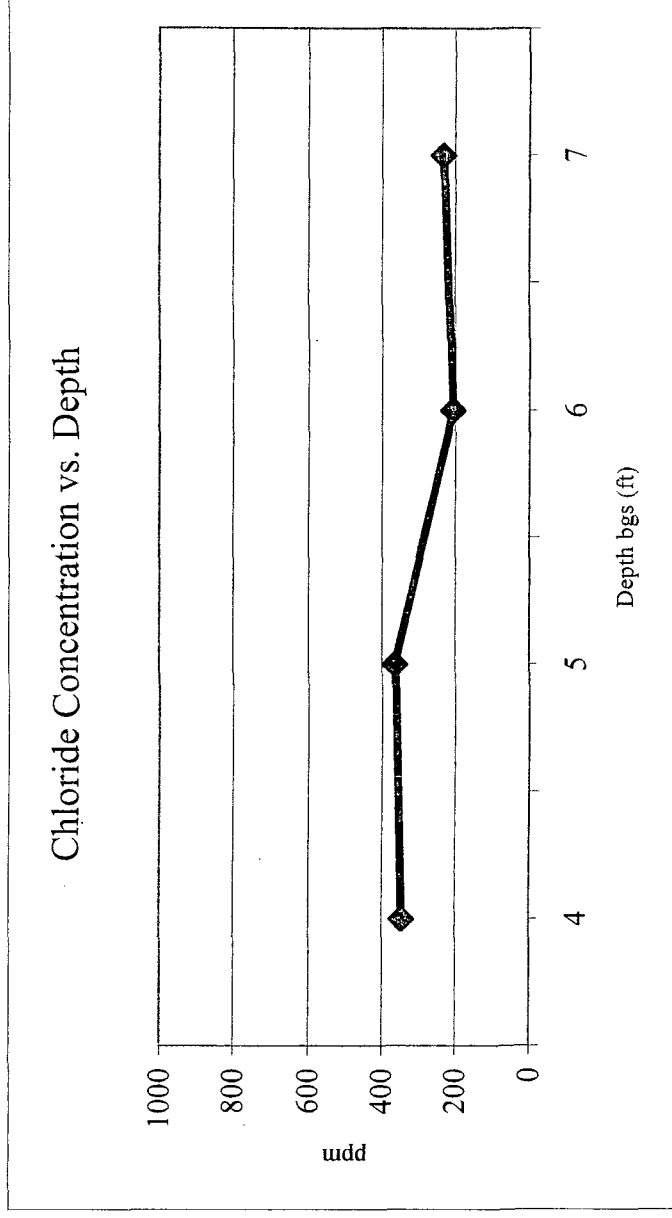
RICE Operating Company

BD Jct. H-16

Unit 'H', Sec. 16, T21S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
4	346
5	365
6	206
7	232



Groundwater = 75 ft