

1R - 426-190

REPORTS

DATE:

12-24-08

BD Jct M-31-1

1R426-190

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)	Jct. M-31-1	M	31	21S	37E	Lea	Length 6'	Width 4'	Depth 6'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Patrick Sims OTHER _____

Depth to Groundwater 105 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/24/2008 Date Completed 7/9/2008 OCD Witness no

Soil Excavated 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 6/25/2008 Sample Depth 12 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 12' GRAB	0.5	<10.0	<10.0	16

LOCATION	DEPTH	mg/kg
background	6"	90
vertical delineation trench at the junction (source)	7'	285
	8'	161
	9'	315
	10'	293
	11'	149
	12'	187

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 soil samples at regular intervals producing a 5x3x12-ft-deep excavation. Field tests were performed on each sample to determine chloride and organic vapor concentrations. Field data suggests the site is low in both chloride and organic vapors with levels similar to that of the background sample.

The deepest sample, 12 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, and clean soil was imported and used as a top cap and to contour the site to the surrounding area. On 7/9/2008, 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 screening

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

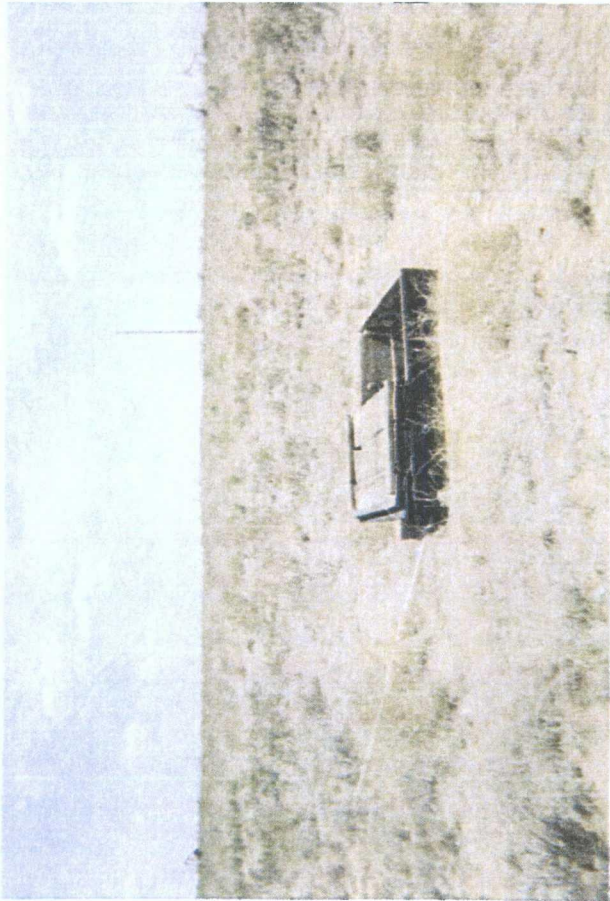
SITE SUPERVISOR Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 12-24-08

BD Jct. M-31-1

Unit M, Section 31, T21S, R37E



former junction box

6/24/2008



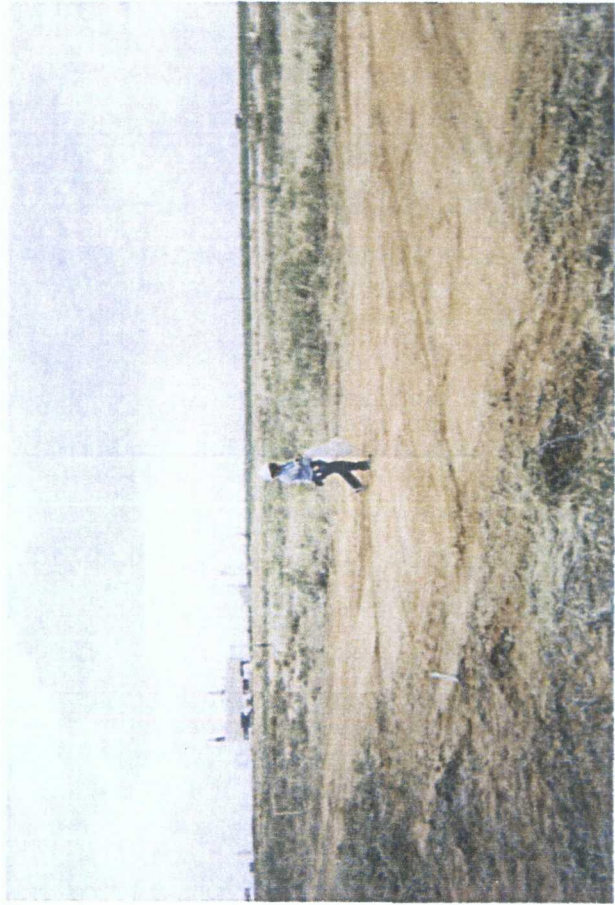
delineation trench at former junction site

6/25/2008



backfilling excavation

6/25/2008



seeding backfilled site

7/9/2008



CARDINAL LABORATORIES

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

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

Receiving Date: 06/25/08
Reporting Date: 06/27/08
Project Owner: NOT GIVEN
Project Name: NOT GIVEN
Project Location: JCT M-31-1

Sampling Date: 06/25/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/KS/AB

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		06/26/08	06/26/08	06/26/08
H15055-1	INITIAL SOURCE GRAB @ 12 FT	<10.0	<10.0	16
Quality Control		429	477	510
True Value QC		500	500	500
% Recovery		85.8	95.4	102
Relative Percent Difference		7.3	2.3	2.0

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.


Chemist


Date

H15055TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal 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

† 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

CK.	
MODEL	
NO.	

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: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/4/09
FILL DATE: 10/4/07	METER READING ACCURACY: 101ppm

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Jct m-31-1	m	31	215	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
7'	7.9		
8'	2.9		
9'	4.6		
10'	0.4		
11'	0		
12'	0.5		

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

SIGNATURE:

Larry Bruce Barker Jr.

DATE:

6-24-08