

1R - 426-142

## REPORTS

DATE:

4-1-08

BD Jct E-20-1

1R426-142

**CLOSURE**

4-1-08

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

BOX LOCATION

| SWD SYSTEM             | JUNCTION    | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | NEW BOX DIMENSIONS - FEET  |       |       |
|------------------------|-------------|------|---------|----------|-------|--------|----------------------------|-------|-------|
| Blinebry-Drinkard (BD) | jct. E-20-1 | E    | 20      | 21S      | 37E   | Lea    | Length                     | Width | Depth |
|                        |             |      |         |          |       |        | no box-junction eliminated |       |       |

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Millard Deck Estate OTHER \_\_\_\_\_

Depth to Groundwater 99 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 2/23/2007 Date Completed 3/6/2007 NMOCD Witness no

Soil Excavated 21 cubic yards Excavation Length 10 Width 8 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/28/2007 Sample Depth 7 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

| Sample Location | PID (field) ppm | GRO mg/kg | DRO mg/kg | Chloride mg/kg |
|-----------------|-----------------|-----------|-----------|----------------|
| 4-WALL COMP.    | 6.8             | <10.0     | 106.0     | 96             |
| BOTTOM COMP.    | 6.7             | <10.0     | <10.0     | 368            |
| BACKFILL        | 1.2             | <10.0     | 47.5      | 144            |

| LOCATION       | DEPTH (ft) | ppm |
|----------------|------------|-----|
| 4-wall comp.   | n/a        | 235 |
| bottom comp.   | 7          | 408 |
| backfill comp. | n/a        | 235 |

General Description of Remedial Action:

This junction box was eliminated with the pipeline replacement/upgrade program. After the box was removed, the location was inspected and did not exhibit signs of adverse impact from the junction box. Delineation was conducted at the former junction site using a backhoe to collect soil samples, creating a 10 x 8 x 7-ft-deep hole. Chloride field tests were conducted on each of the samples and yielded relatively low concentrations. Organic vapors were also measured in the field using a PID and those concentrations were also very low. Composite samples from the final excavation were collected for laboratory analysis. These results confirmed field tests and that TPH concentrations meet NMOCD guidelines. The excavated soil was blended on site and returned to the hole and contoured to the surrounding surface. On 3/6/2007 the disturbed area was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

enclosures: photos, lab results

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

SITE SUPERVISOR Noel Carmona SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 

DATE 8/29/2007 TITLE Project Scientist



## BD jct. E-20-1



box removed; before excavation

2/27/2007



final 10 x 8 x 7-ft-deep excavation

2/28/2007



backfilling

3/6/2007



seeding surface of backfilled site

3/6/2007





# ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: ROY R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

Receiving Date: 03/01/07

Reporting Date: 03/03/07

Project Number: NOT GIVEN

Project Name: BD JCT. E-20-1

Project Location: NOT GIVEN

Sampling Date: 03/01/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AB

Analyzed By: BC/HM

| LAB NO. | SAMPLE ID | GRO<br>(C <sub>6</sub> -C <sub>10</sub> )<br>(mg/Kg) | DRO<br>(>C <sub>10</sub> -C <sub>28</sub> )<br>(mg/Kg) | CI*<br>(mg/Kg) |
|---------|-----------|--|--|----------------|
|---------|-----------|--|--|----------------|

| ANALYSIS DATE                  | 03/01/07 | 03/01/07 | 03/02/07 |
|--------------------------------|----------|----------|----------|
| H12280-1 BLENDED BACKFILL      | <10.0    | 47.5     | 144      |
| H12280-2 5 PT. BTM. COMP. @ 7' | <10.0    | <10.0    | 368      |
| H12280-3 4 WALL COMP. @ 8'x10' | <10.0    | 106      | 96       |
|                                |          |          |          |
|                                |          |          |          |
| Quality Control                | 796      | 748      | 500      |
| True Value QC                  | 800      | 800      | 500      |
| % Recovery                     | 99.5     | 93.5     | 100      |
| Relative Percent Difference    | <0.1     | 3.4      | 2.0      |

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

\*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H12280

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

**† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.**