

1R - 426-260

**REPORTS**

**DATE:**

8-27-10

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1R426-26

**BD F-5 EOL**  
**2010**

**RECEIVED**

**APR - 1 2011**

Gil 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               |       |       |
|---------------------------|----------|------|---------|----------|-------|--------|-------------------------------------|-------|-------|
| Blinebry-Drinkard<br>(BD) | F-5 EOL  | F    | 5       | 22S      | 37E   | Lea    | Length                              | Width | Depth |
|                           |          |      |         |          |       |        | water tight box built in same place |       |       |

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Ernest Wayne Henson OTHER \_\_\_\_\_

Depth to Groundwater 82 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 4/13/2010 Date Completed 4/13/2010 OCD Witness no

Soil Excavated 9.3 cubic yards Excavation Length 7 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/13/2010 Sample Depth 12 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 | Chloride mg/kg |
|-----------------|-----------------|-----------|-----------|----------------|
| SOURCE 12' GRAB | 1.8             | <10.0     | <10.0     | 64             |

| CHLORIDE FIELD TESTS                                 |       |       |
|--|-------|-------|
| LOCATION   | DEPTH | mg/kg |
| background   | 6"    | 85    |
| vertical delineation trench at the junction (source) | 7'    | 203   |
|  | 8'    | 148   |
|  | 9'    | 144   |
|  | 10'   | 85    |
|  | 11'   | 86    |
|  | 12'   | 117   |

**General Description of Remedial Action:** This junction box was addressed 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 creating a 7x3x12-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, 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 to 7 ft. bgs. A new water tight junction box was built in the same location as the former box.

enclosures: photos, lab analysis, 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 *ABB*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 8-27-10



## BD F-5 EOL

Unit F, Section 5, T22S, R37E



Site prior to excavation

4/08/2010



Delineation trench being excavated

4/13/2010



Sample being taken

4/13/2010



New water tight junction box

4/27/2010





# ARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: BRUCE BAKER  
112 W. TAYLOR  
HOBBS, NM 88240

Receiving Date: 04/13/10  
Reporting Date: 05/28/10\*\*  
Project Number: NOT GIVEN  
Project Name: BD F-5 EOL (22/37)  
Project Location: BD F-5 EOL (22/37)

Sampling Date: 04/13/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM

| LAB NUMBER | SAMPLE ID | GRO   | DRO   | CI*     |
|------------|-----------|---|---|---------|
|            |           | (C <sub>6</sub> -C <sub>10</sub> )<br>(mg/kg) | (>C <sub>10</sub> -C <sub>28</sub> )<br>(mg/kg) | (mg/kg) |

| ANALYSIS DATE               | 04/14/10 | 04/14/10 | 04/14/10 |
|-----------------------------|----------|----------|----------|
| H19669-1 SOURCE @ 12FT.**   | <10.0    | <10.0    | 64       |
|                             |          |          |          |
|                             |          |          |          |
|                             |          |          |          |
|                             |          |          |          |
|                             |          |          |          |
|                             |          |          |          |
| Quality Control             | 485      | 567      | 500      |
| True Value QC               | 500      | 500      | 500      |
| % Recovery                  | 97.0     | 113      | 100      |
| Relative Percent Difference | 0.6      | 10.2     | < 0.1    |

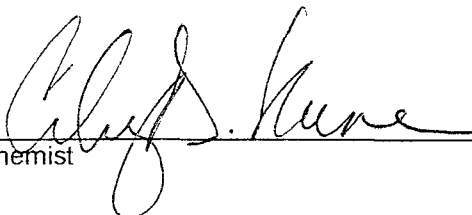
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI B

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

Reported on wet weight.

\*\*Revised Report.

COPY

  
Chemist

05/28/10  
Date

H19669 TCL RICE

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**ARDINAL LABORATORIES**

**(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

#26

\* Sample depth changed to 12 FT as per Bruce. 5/28/10 dk

# 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:

|   |
|---|
|   |
| ✓ |
|   |

Model: PGM 7300  
Model: PGM 7300  
Model: PGM 7300

Serial No: 590-000183  
Serial No: 590-000508  
Serial No: 590-000504

|  |
|--|
|  |
|  |
|  |

Model: PGM 7600  
Model: PGM 7600  
Model: PGM 7600

Serial No: 110-023920  
Serial No: 110-013744  
Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

|                |                                |
|----------------|--------------------------------|
| LOT NO: 928167 | EXPIRATION DATE: 1-17-2013     |
| FILL DATE:     | METER READING ACCURACY: 100ppm |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|--------|----------|------|---------|-----------|-------|
| BO     | F-5 FOL  | F    | 5       | 22        | 37    |

| SAMPLE ID | PID | SAMPLE ID  | PID |
|-----------|-----|------------|-----|
| Source 7' | 0.2 | Background | 0.4 |
| 8'        | 0.5 |            |     |
| 9'        | 0.7 |            |     |
| 10'       | 1   |            |     |
| 11'       | 1.7 |            |     |
| 12'       | 1.8 |            |     |
|           |     |            |     |
|           |     |            |     |
|           |     |            |     |
|           |     |            |     |
|           |     |            |     |
|           |     |            |     |
|           |     |            |     |

COPY

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

SIGNATURE: Robert [Signature]

DATE: 4-13-2010

**BD F-5 EOL**

Unit 'F', Sec. 5, T22S, R37E

Backhoe samples at the junction (source)

| Depth bgs (ft) | [Cl <sup>-</sup> ] ppm |
|----------------|------------------------|
| 7              | 203                    |
| 8              | 148                    |
| 9              | 144                    |
| 10             | 85                     |
| 11             | 86                     |
| 12             | 117                    |

Groundwater = 82 ft

