

1R - 426-230

**REPORTS**

**DATE:**

1-18-10

BD Jet A-1  
2009

1R426-230

RECEIVED

APR - 6 2010  
Environmental Bureau  
Oil Conservation Division

CLOSURE

RECEIVED

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

APP - 6 2010

Environmental Bureau  
Oil Conservation Division

## BOX LOCATION

| SWD SYSTEM             | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX DIMENSIONS - FEET |          |            |
|------------------------|----------|------|---------|----------|-------|--------|-----------------------|----------|------------|
| Blinebry-Drinkard (BD) | Jct. A-1 | A    | 1       | 22S      | 36E   | Lea    | Length 4'             | Width 5' | Depth 6'6" |
|                        |          |      |         |          |       |        | eliminated            |          |            |

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Nymeyer Properties OTHER \_\_\_\_\_

Depth to Groundwater 137 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 2/26/2009 Date Completed 2/26/2009 OCD Witness no

Soil Excavated 8.0 cubic yards Excavation Length 3 Width 6 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/26/2009 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 | 0.9             | <10.0     | <10.0     | 32             |

| Location   | Depth | mg/kg |
|--|-------|-------|
| background   | 6"    | 120   |
| vertical delineation trench at the junction (source) | 7'    | 780   |
|  | 8'    | 930   |
|  | 9'    | 300   |
|  | 10'   | 150   |
|  | 11'   | 150   |
|  | 12'   | 120   |

**General Description of Remedial Action:** This junction box 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 3x6x12-ft-deep excavation. Field data suggests the site is low in chlorides and organic vapors are similar to background 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 and clean, imported soil was used as a top cap and to contour the site to the surrounding area. On 3/26/2009, 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) screenings, chloride curve

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

SITE SUPERVISOR Eric Garrison SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 7-13-09

## BD Jct. A-1

Unit A, Section 1, T22S, R36E



former junction box, facing northeast

2/26/2009



excavating at former junction site, facing east

2/26/2009



collecting a soil sample, facing east

2/26/2009



seeding backfilled site, facing south

3/26/2009



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

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: ERIC GARRISON  
122 W. TAYLOR  
HOBBS, NM 88240

Receiving Date: 02/26/09  
Reporting Date: 03/03/09  
Project Number: NOT GIVEN  
Project Name: BD JCT A-1  
Project Location: BD JCT A-1

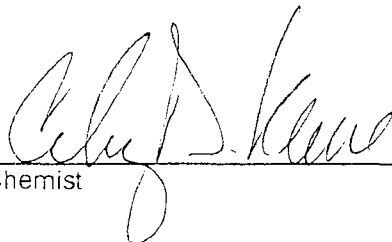
Sampling Date: 02/26/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM


COPY

| LAB NUMBER                  | 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               |                       | 03/03/09   | 03/03/09   | 02/27/09       |
| H16980-1                    | SOURCE BTM GRAB @ 12' | <10.0  | <10.0  | 32             |
|                             |                       |  |  |                |
|                             |                       |  |  |                |
|                             |                       |  |  |                |
|                             |                       |  |  |                |
|                             |                       |  |  |                |
| Quality Control             |                       | 476  | 546  | 500            |
| True Value QC               |                       | 500  | 500  | 500            |
| % Recovery                  |                       | 95.2   | 109  | 100            |
| Relative Percent Difference |                       | 0.6  | 6.6  | < 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.

  
Chemist

  
Date

H16980 TCL RICE

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
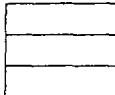


# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

|   |                 |                       |   |                 |                       |
|---|-----------------|-----------------------|---|-----------------|-----------------------|
|  | Model: PGM 7300 | Serial No: 590-000183 |  | Model: PGM 7600 | Serial No: 110-023920 |
|   | Model: PGM 7300 | Serial No: 590-000508 |   | Model: PGM 7600 | Serial No: 110-013744 |
|   | Model: PGM 7300 | Serial No: 590-000504 |   | Model: PGM 7600 | Serial No: 110-013676 |

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

|                     |                              |
|---------------------|------------------------------|
| LOT NO: 07-3353     | EXPIRATION DATE: 04-12-09    |
| FILL DATE: 10-12-07 | METER READING ACCURACY: 100% |

ACCURACY: +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|--------|----------|------|---------|-----------|-------|
| BD     | A-1      | A    | 1       | 225       | 36E   |

COPY

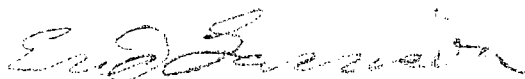
Initial Source

background

| SAMPLE ID | PID | SAMPLE ID | PID |
|-----------|-----|-----------|-----|
| 7         | 6.6 | 10 6"     | 4.1 |
| 8         | 2.7 |           |     |
| 9         | 2.2 |           |     |
| 10        | 1.9 |           |     |
| 11        | 1.3 |           |     |
| 12        | 0.9 |           |     |
|           |     |           |     |
|           |     |           |     |
|           |     |           |     |
|           |     |           |     |
|           |     |           |     |
|           |     |           |     |
|           |     |           |     |

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

SIGNATURE:



DATE: 2 26-09

# CHLORIDE CONCENTRATION CURVE

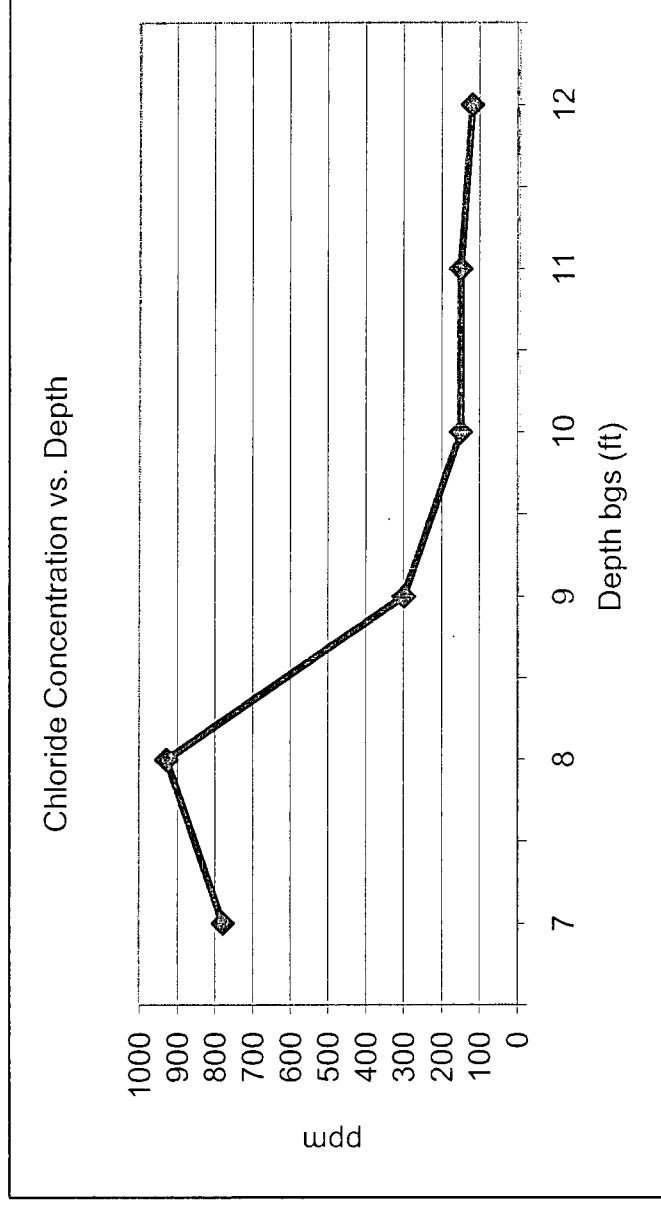
RICE Operating Company

## BD Jct. A-1

Unit 'A', Sec. 1, T22S, R36E

Backhoe samples at the junction (source)

| Depth bgs (ft) | Cl ppm |
|----------------|--------|
| 7              | 780    |
| 8              | 930    |
| 9              | 300    |
| 10             | 150    |
| 11             | 150    |
| 12             | 120    |



Groundwater = 137 ft