

1R - 426-224

REPORTS

DATE:

11-6-09

BD Jct G-30-1
2009

1R426-224

RECEIVED

APP - 6 2000
Environmental Bureau
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

RECEIVED
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. G-30-1 | G | 30 | 21S | 37E | Lea | Length | Width | Depth |
| | | | | | | | eliminated | | |

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

Depth to Groundwater _____ 117 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 0 _____

Date Started _____ 6/26/2009 _____ Date Completed _____ 6/26/2009 _____ OCD Witness _____ no _____

Soil Excavated _____ 5.6 _____ cubic yards Excavation Length _____ 3 _____ Width _____ 5 _____ Depth _____ 10 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 6/26/2009 _____ Sample Depth _____ 10 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 10' GRAB | 5.4 | <10.0 | <10.0 | 48 |

| LOCATION | DEPTH | mg/kg |
|--|-------|-------|
| background | 6" | 150 |
| vertical delineation trench at the junction (source) | 6' | 119 |
| | 7' | 121 |
| | 8' | 91 |
| | 9' | 89 |
| | 10' | 89 |

General Description of Remedial Action: This junction 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 3x5x10-ft deep excavation. Chloride field tests were performed on each sample which yielded low concentrations similar to that of the background. Organic vapors were measured using a PID which also yielded low concentrations. The deepest sample, 10 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH. Lab analysis confirmed low concentrations of each. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 8/13/2009, 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) screening, chloride curve

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

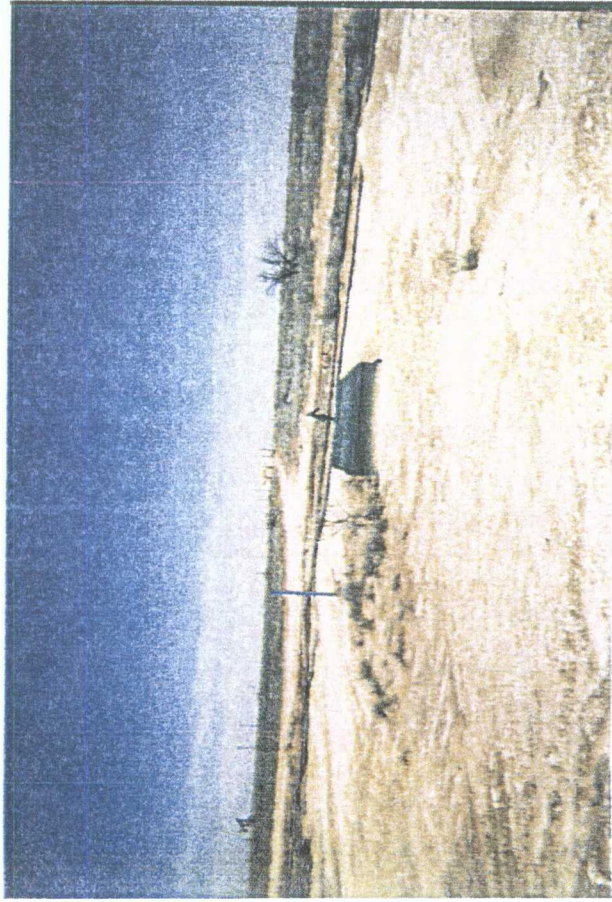
SITE SUPERVISOR _____ Eric Garrison _____ SIGNATURE _____ COMPANY _____ RICE OPERATING COMPANY _____

REPORT ASSEMBLED BY _____ Katie Jones _____ INITIAL _____ KJ _____

PROJECT LEADER _____ Larry Bruce Baker Jr. _____ SIGNATURE _____ DATE _____ 11-6-09 _____

BD Jct. G-30-1

Unit G, Section 30, T21S, R37E



former junction box

2/27/2004



collecting a soil sample from the source, facing south 6/26/2009



backfilling the excavation, facing south

8/13/2009



seeding the backfilled site, facing south

8/13/2009



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: 06/29/09
Reporting Date: 06/30/09
Project Number: NOT GIVEN
Project Name: BD G-30-1
Project Location: BD G-30-1



Sampling Date: 06/26/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB

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

| ANALYSIS DATE | 06/29/09 | 06/29/09 | 06/29/09 |
|---------------------------------|----------|----------|----------|
| H17710-1 SOURCE BTTM GRAB @ 12' | <10.0 | <10.0 | 48 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Quality Control | 542 | 567 | 500 |
| True Value QC | 500 | 500 | 500 |
| % Recovery | 108 | 113 | 100 |
| Relative Percent Difference | 1.8 | 15.3 | <0.1 |

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

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

Reported on wet weight.

Chemist

Date

H17710 TCL RICE

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ARDINAL LABORATORIES

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

PID METER CALIBRATION & FIELD REPORT FORM

CLAY

Check Model Number:

| |
|---|
| |
| ✓ |
| |

Model: PGM 7300 Serial No: 590-000183
Model: PGM 7300 Serial No: 590-000508
Model: PGM 7300 Serial No: 590-000504

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

Model: PGM 7600 Serial No: 110-023920
Model: PGM 7600 Serial No: 110-013744
Model: PGM 7600 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| | |
|---------------------|---------------------------------|
| LOT NO: 08-3425 | EXPIRATION DATE: 08-29-09 |
| FILL DATE: 02-29-08 | METER READING ACCURACY: 100 PPM |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|--------|----------|------|---------|-----------|-------|
| BD | 6-30-1 | 6 | 30 | 215 | 37E |

Source

Background

| SAMPLE ID | PID | SAMPLE ID | PID |
|-----------|-----|-----------|-----|
| 6 | 5 | @ 6" Deep | 0 |
| 7 | 4.6 | | |
| 8 | 5 | | |
| 9 | 5.2 | | |
| 10 | 5.4 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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

SIGNATURE: *[Signature]*

DATE: 6-26-09

CHLORIDE CONCENTRATION CURVE

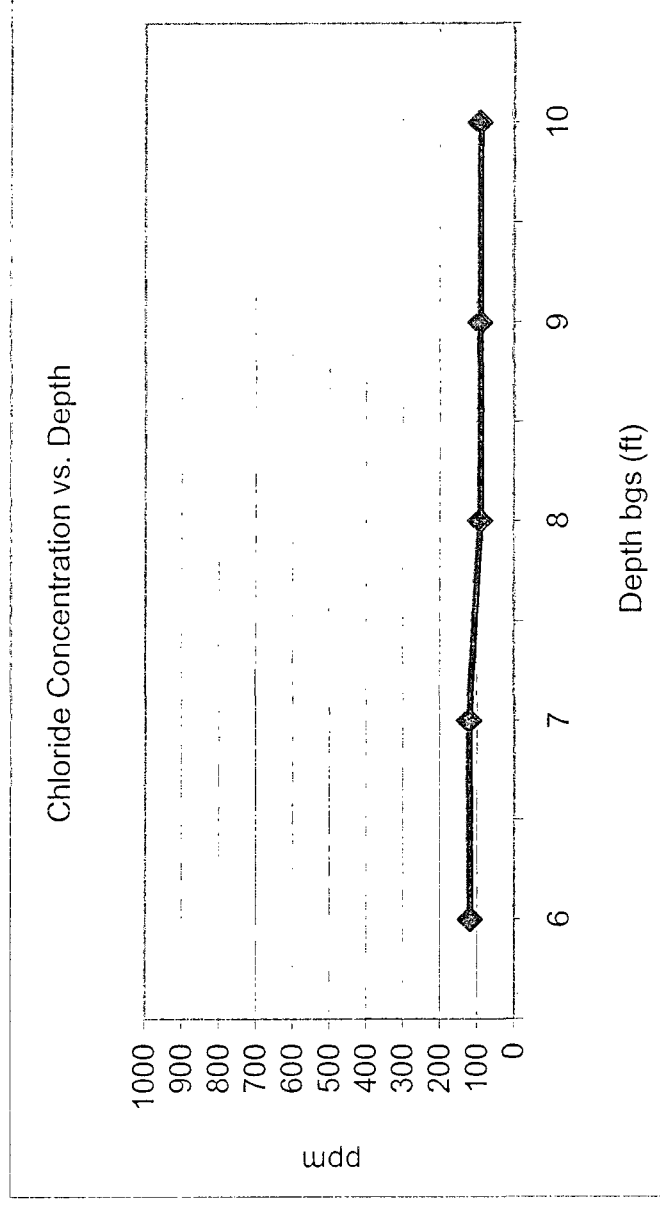
RICE Operating Company

BD Jct. G-30-1

Unit 'G', Sec. 30, T21S, R37E

Backhoe samples at the junction (source)

| Depth bgs (ft) | [Cl] ppm |
|----------------|----------|
| 6 | 119 |
| 7 | 121 |
| 8 | 91 |
| 9 | 89 |
| 10 | 89 |



Groundwater = 117 ft