1R - 426-253

# REPORTS

# DATE:

3-12-10

BD Jct O-36
2009

IR426-253



# DISCLOSURE

RECEIVED
APR - 6 2010
Environmental Bureau
Oil Conservation Division

# RICE OPERATING COMPANY
## JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION

| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX DIMENSIONS Length 6' | Width 6' | Depth 4' |
|---|---|---|---|---|---|---|---|---|---|
| Blinebry-Drinkard (BD) | Jct. O-36 | O | 36 | 21S | 36E | Lea | same location | | |

LAND TYPE: BLM ___ STATE ___ FEE LANDOWNER: City of Eunice OTHER ___

Depth to Groundwater 134 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/3/2008 Date Completed 9/25/2009 OCD Witness no

Soil Excavated 400.0 cubic yards Excavation Length 30 Width 30 Depth 12 feet

Soil Disposed 384 cubic yards Offsite Facility Sundance Location Eunice, NM

## FINAL ANALYTICAL RESULTS: **Sample Date** 9/25/2008, 9/25/2009 **Sample Depth** 12 ft, 15 ft, 100 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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 | Chlorides mg/kg |
|---|---|---|---|---|
| 4-WALL COMP. | 1.3 | <25.0 | <25.0 | 3,440 |
| BOTTOM COMP. | 1.1 | <25.0 | <25.0 | 4,680 |
| BACKFILL COMP. | 6.9 | <25.0 | 191 | 2,640 |
| SB #1 @ 15 ft | 0.4 | <10.0 | <10.0 | 5,600 |
| SB #1 @ 100 ft | 0.2 | <10.0 | <10.0 | 224 |

CHLORIDE FIELD TESTS

| LOCATION | DEPTH | mg/kg |
|---|---|---|
| 4-wall comp. | n/a | 3,081 |
| bottom comp. | 12' | 3,515 |
| backfill comp. | n/a | 2,909 |
| background | 6" | 148 |
| SOIL BORING at 7 ft west of the junction (9/25/2009) | 15' | 4,131 |
| | 20' | 3,343 |
| | 25' | 3,843 |
| | 30' | 3,273 |
| | 35' | 3,468 |
| | 40' | 2,668 |
| | 45' | 2,339 |
| | 50' | 1,987 |
| | 55' | 1,910 |
| | 60' | 1,652 |
| | 65' | 1,507 |
| | 70' | 1,048 |
| | 75' | 772 |
| | 80' | 655 |
| | 85' | 556 |
| | 90' | 520 |
| | 95' | 424 |
| | 100' | 378 |

**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 producing a 30x30x12-ft deep excavation. Chloride field tests were performed on each sample and yielded elevated concentrations that did not relent with depth. Organic vapors were measured using a PID which yielded low concentrations. Representative composite samples were collected from the excavated soil, the bottom of the excavation, and the excavation walls. Laboratory analysis of the representative samples confirmed elevated concentrations of chloride and low concentrations of TPH. The blended excavated soil was returned to the excavation up to 6 ft below ground surface (BGS). At 6-5 ft BGS, a 1-ft thick clay barrier was installed with a compaction test performed on 9/29/2008. Clean, imported soil was used to backfill the excavation to ground surface and to contour to the surrounding area. A new, water-tight junction box was built in the same location. To further investigate depth of chloride presence, a soil bore was initiated on 9/25/2009 at 7 ft west of the junction box. The boring was advanced to depth of 100 ft BGS with soil samples collected every 5 ft and field tested for chloride and organic vapors. Lab analysis of the 15 and 100 ft samples yielded elevated concentrations of chloride that decreased with depth and low concentrations of TPH. The entire bore hole was plugged with bentonite to the ground surface. NMOCD was notified of potential groundwater impact on 2/26/2010.

***ADDITIONAL EVALUATION IS HIGH PRIORITY***

enclosures: photos, boring log, lab results, PID (field) screenings, cross-section, compaction test, chloride curve

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE Jordan Woodfin COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-12-10

*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

# BD Jct. O-36

Unit O, Section 36, T21S, R36E

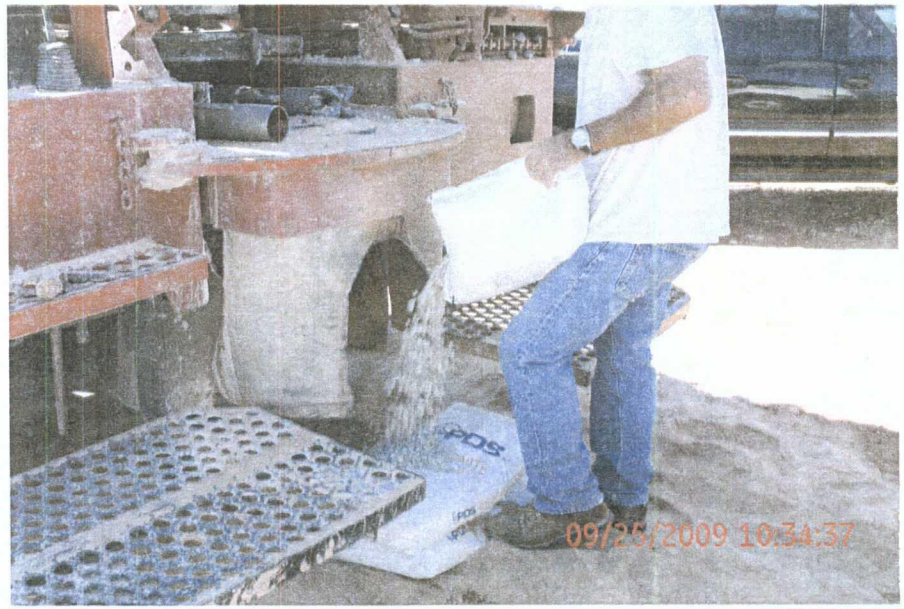
site prior to excavation 9/3/2008

collecting a soil sample, facing north 9/16/2008

clay compaction test, facing west 9/29/2008

site complete, with a new, watertight junction box 10/28/2008


drilling SB #1 9/25/2009




plugging SB #1 with bentonite 9/25/2009

| | |
|---|---|
| Logger: | Lara Weinheimer |
| Driller: | Harrison & Cooper, Inc. Drilling |
| Consultant: | None - junction box upgrade plan |
| Drilling Method: | Air rotary |
| Start Date: | 9/25/2009 |
| End Date: | 9/25/2009 |

RICE OPERATING COMPANY ROC SINCE 1955

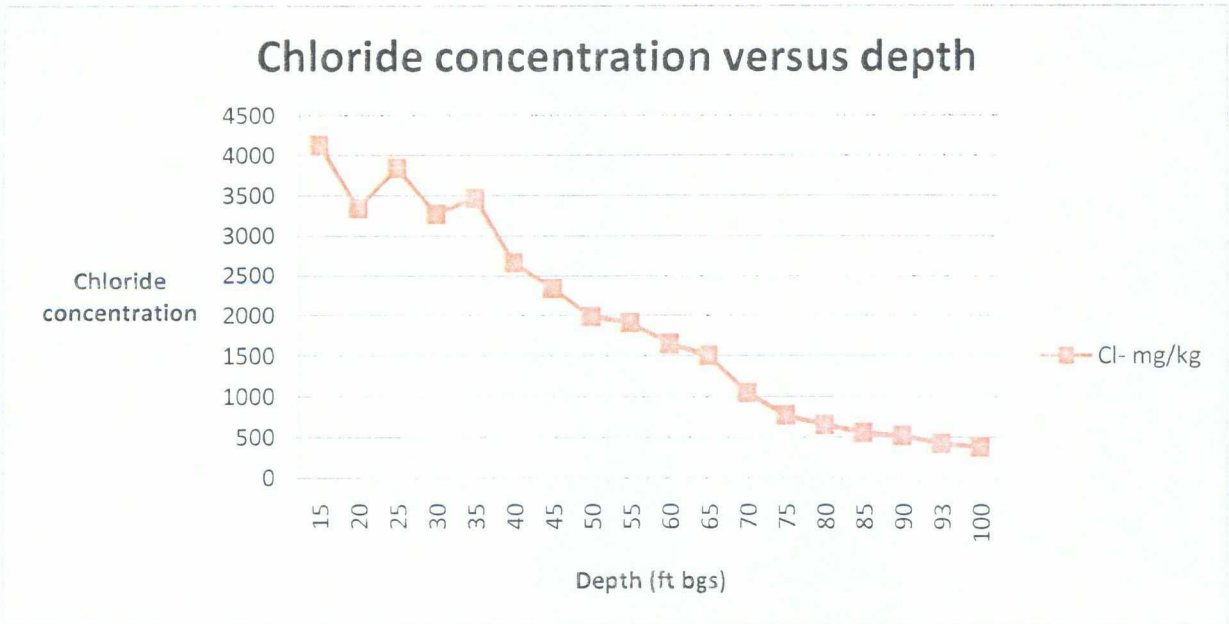
| | |
|---|---|
| Project Name: | Well ID: |
| BD jct. O-36 | SB #1 |

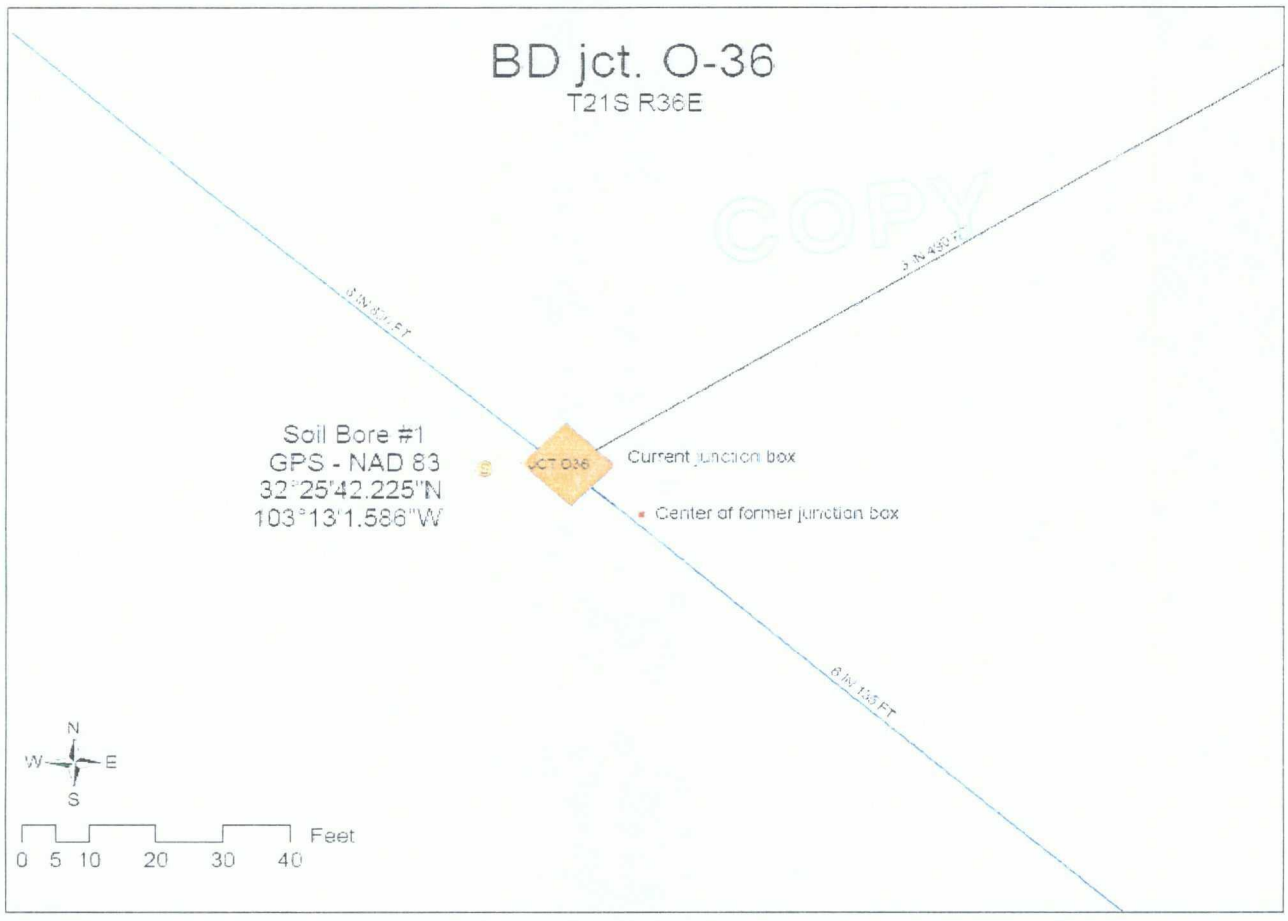
Comments: All samples from cuttings. Hard sandstone rock discovered at 94 - 98 feet.
Located 7 feet west of the current junction box site.
TD = 100 ft Estimated depth to GW = 134

Location: UL/O sec. 36 T21S R36E
Lat: N32°25'42.225" County: Lea
Long: W103°13'1.586" State: NM

| Depth (feet) | chloride field tests | LAB | PID | Description | Lithology | Well Construction |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| 15 | 4131 | Cl- 5600 | 0.4 | | | |
| | | GRO <10.0 | | 10 - 30 ft | | |
| | | DRO < 10.0 | | VERY FINE TO FINE SAND WITH | | |
| 20 | 3343 | | 0.3 | CONSOL. ROCK | | |
| | | | | light brown, dry, no odor | | |
| | | | | | | |
| 25 | 3843 | | 0.5 | | | |
| | | | | | | |
| | | | | | | |
| 30 | 3273 | | 0.3 | | | |
| | | | | 30 - 35 ft | | |
| | | | | VERY FINE TO FINE SAND WITH SANDSTONE ROCK | | |
| 35 | 3468 | | 0.1 | light brown, dry, no odor | | |
| | | | | | | |
| | | | | | | |
| 40 | 2668 | | 0.2 | | | |
| | | | | 35 - 60 ft | | |
| | | | | VERY FINE TO FINE SAND WITH | | |
| 45 | 2339 | | 0.2 | CONSOL. ROCK | | |
| | | | | light brown, dry, no odor | | |
| | | | | | | |
| 50 | 1987 | | 0.3 | | | |
| | | | | | | |
| | | | | | | |
| 55 | 1910 | | 0.2 | | | |
| | | | | | | bentonite seal |
| | | | | | | |
| 60 | 1652 | | 0.2 | | | |

| | | | | |
|---|---|---|---|---|
| | | | | 60 - 65 ft<br>VERY FINE TO FINE SAND<br>reddish-brown, dry, no odor |
| 65 | 1507 | | 0.1 | |
| 70 | 1048 | | 0.2 | 65 - 80 ft<br>VERY FINE TO FINE SAND<br>light orangey-brown, dry, no odor |
| 75 | 772 | | 0.1 | |
| 80 | 655 | | 0.1 | |
| 85 | 556 | | 0.5 | 80 - 90 ft<br>VERY FINE TO FINE SAND<br>reddish-orange, dry, no odor |
| 90 | 520 | | 0.5 | |
| 93 | 424 | | 0.4 | 90 - 93 ft<br>VERY FINE TO FINE SAND<br>light orangey-brown, dry, no odor |
| | | Cl- 224 | | |
| 100 | 378 | DRO & GRO < 10.0 | 0.2 | |




BD jct. O-36
T21S R36E
S
Soil Bore #1
GPS - NAD 83
32°25'42.225"N
103°13'1.586"W
JCT 036
Current junction box
Center of former junction box
N
W
E
S
Feet
0 5 10 20 30 40

CARDINAL LABORATORIES

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

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

Receiving Date: 09/25/09
Reporting Date: 09/30/09
Project Owner: NOT GIVEN
Project Name: BD JCT O-36
Project Location: BD JCT O-36

Sampling Date: 09/25/09
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: AB
Analyzed By: AB/HM



| LAB NUMBER | SAMPLE ID | GRO ($C_6$-$C_{10}$) (mg/kg) | DRO (>$C_{10}$-$C_{28}$) (mg/kg) | Cl* (mg/kg) |
|---|---|---|---|---|
| ANALYSIS DATE | | 09/29/09 | 09/29/09 | 09/25/09 |
| H18343-1 | SB #1 @ 15' | <10.0 | <10.0 | 5,600 |
| H18343-2 | SB #1 @ 100' | <10.0 | <10.0 | 224 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Quality Control | | 509 | 505 | 500 |
| True Value QC | | 500 | 500 | 500 |
| % Recovery | | 102 | 101 | 100 |
| Relative Percent Difference | | 0.6 | 1.6 | <0.1 |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB
*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

Chemist

09/30/09
Date

H18343 TCL RICE

# CARDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | |
|---|---|
| Company Name: Rice Operating Company | **BILL TO** |
| Project Manager: Hack Conder | P.O. #: |
| Address: 122 West Taylor | Company: |
| City: Hobbs State: NM Zip: 88240 | Attn: |
| Phone #: 393-9174 Fax #: 397-1471 | Address: |
| Project #: Project Owner: | City: |
| Project Name: DD Jct 6-36 | State: Zip: |
| Project Location: DD Jct 6-36 | Phone #: |
| Sampler Name: Lara Weinheimer | Fax #: |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab I.D. | Sample I.D. | (C)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chlorides | TPH 8015 M | BTEX | Texas TPH | | | | | | | |
| H18343-1 | SB #1 @ 15' | C | 1 | | | ✓ | | | | | ✓ | | 9-25-09 | 9:49 | ✓ | ✓ | | | | | | | | | |
| -2 | SB #1 @ 100' | C | 1 | | | ✓ | | | | | ✓ | | 9-25-09 | 10:04 | ✓ | ✓ | | | | | | | | | |

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 the client for the 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 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.

| | | | |
|---|---|---|---|
| Relinquished By: L. Weinheimer | Date: 9-28-09 Time: 2:55 | Received By: Bruce Barley | Phone Result: ☐ Yes ☑ No Add'l Phone #: |
| Relinquished By: Bruce Barley | Date: 9-25-09 Time: 3:54 | Received By: | Fax Result: ☐ Yes ☑ No Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Cool: ☐ Yes ☑ No Intact: ☑ Yes ☐ No | CHECKED BY: (Initials) | REMARKS: email results<br>Hconder@riceswd.com; jpurvis@riceswd.com; Lweinheimer@riceswd.com |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

NEED SAMPLES BACK, PLEASE

# RICE OPERATING COMPANY

122 West Taylor ~ Hobbs, NM 88240
PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

| CK MODEL NO. | | | |
|---|---|---|---|
| | ✓ | MODEL: PGM 7300 | SERIAL NO: 590-000183 |
| | | MODEL: PGM 7300 | SERIAL NO: 590-000504 |
| | | MODEL: PGM 7600 | SERIAL NO: 110-12383 |
| | | MODEL: PGM 7600 | SERIAL NO: 110-02920 |

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| | |
|---|---|
| LOT NO: 924908 | EXPIRATION DATE: 7-29-2012 |
| FILL DATE: ~~07-29-09~~ 7-30-09 | METER READING ACCURACY: 100.1 |

ACCURACY: +/- 2%

| SYSTEM | SITE | UNIT | SECTION | TOWNSHIP | RANGE |
|---|---|---|---|---|---|
| BD | jct O-36 | O | 36 | T21S | R36E |

SAMPLE ID: Soil bore #1

| DEPTH | PID | DEPTH | PID | DEPTH | PID | DEPTH | PID |
|---|---|---|---|---|---|---|---|
| 15' | 0.4 | 65' | 0.1 | | | | |
| 20' | 0.3 | 70' | 0.2 | | | | |
| 25' | 0.5 | 75' | 0.1 | | | | |
| 30' | 0.3 | 80' | 0.1 | | | | |
| 35' | 0.1 | 85' | 0.5 | | | | |

| DEPTH | PID | DEPTH | PID | DEPTH | PID | DEPTH | PID |
|---|---|---|---|---|---|---|---|
| 40' | 0.2 | 90' | 0.5 | | | | |
| 45' | 0.2 | 93' | 0.4 | | | | |
| 50' | 0.3 | 100' | 0.2 | | | | |
| 55' | 0.2 | | | | | | |
| 60' | 0.2 | | | | | | |

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

Signature _____ Date 9-25-09

SITE MAP

N

CARDINAL LABORATORIES

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

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

Receiving Date: 09/25/08
Reporting Date: 09/26/08
Project Number: NOT GIVEN
Project Name: BD JCT O-36
Project Location: BD JCT O-36

Sampling Date: 09/25/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AE/HM

| LAB NUMBER | SAMPLE ID | GRO ($C_6$-$C_{10}$) (mg/kg) | DRO (>$C_{10}$-$C_{28}$) (mg/kg) | Cl* (mg/kg) |
|---|---|---|---|---|
| ANALYSIS DATE | | 09/25/08 | 09/25/08 | 09/25/08 |
| H15972-1 | 5 PT BTTM COMP @ 12 FT | <25.0 | <25.0 | 4,680 |
| H15972-2 | 4 WALL COMP @ 30X30 | <25.0 | <25.0 | 3,440 |
| H15972-3 | BACKFILL COMP | <25.0 | 191 | 2,640 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Quality Control | | 584 | 586 | 490 |
| True Value QC | | 500 | 500 | 500 |
| % Recovery | | 117 | 117 | 98.0 |
| Relative Percent Difference | | 9.6 | 18.5 | 2.0 |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB
*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H15972 TCL RICE

# CARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | |
|---|---|
| Company Name: RICE OPERATING | **BILL TO** |
| Project Manager: | P.O. #: |
| Address: 122 W TAYLOR | Company: |
| City: HOBBS State: NM Zip: 88240 | Attn: |
| Phone #: (505) 393-9174 Fax #: (505) 397-1471 | Address: |
| Project #: Project Owner: | City: |
| Project Name: BD JET 0-36 | State: Zip: |
| Project Location: BD JET 0-36 | Phone #: |
| Sampler Name: JEROAN WOODFIN | Fax #: |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | TPH 8015M | Chlorides | | | | | | | | | | | |
| H8972-1 | Spt Bkm Comp @ 12 FT | C | 1 | | | ✓ | | | | | ✓ | | 9-25-03 | 10:09 | ✓ | ✓ | | | | | | | | | | | |
| -2 | 4 Wall Comp @ 30x30 | C | 1 | | | ✓ | | | | | ✓ | | 9-25-03 | 11:01 | ✓ | ✓ | | | | | | | | | | | |
| -3 | Back Fill Comp | C | 1 | | | ✓ | | | | | ✓ | | 9-25-03 | 10:03 | ✓ | ✓ | | | | | | | | | | | |

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 the client for the 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 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.

| | | | | |
|---|---|---|---|---|
| Relinquished By: Jeroan Woodfin | Date: 9-25-03 Time: 12:05 | Received By: Marty Lobe | Phone Result: ☐ Yes ☐ No | Add'l Phone #: |
| Relinquished By: | Date: Time: | Received By: | Fax Result: ☐ Yes ☐ No | Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No | CHECKED BY: (Initials) | REMARKS: EMAIL RESULTS TO BBAKER@RICESWD.COM & JPURUSE@RICESWD.COM RUSH! | |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240
PHONE: (575) 393-9174 FAX: (575) 397-1471
PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

| | | | | | |
|---|---|---|---|---|---|
| | 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 : 08-3425 | EXPIRATION DATE: 8-29-09 |
| FILL DATE: 2-29-08 | METER READING ACCURACY: 98.1 |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|---|---|---|---|---|---|
| BD | 0-36 | O | 36 | 21S | 36E |

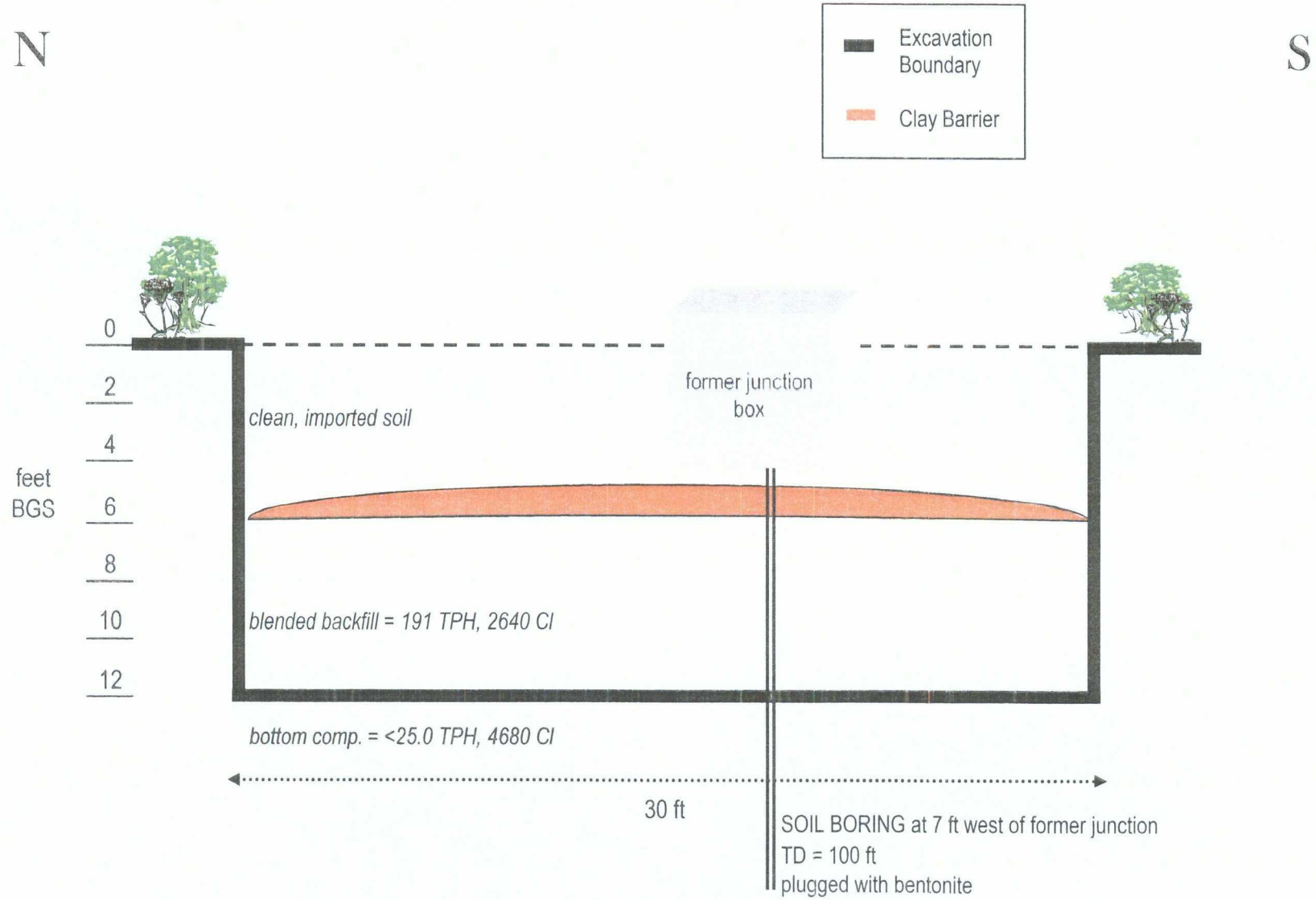
| SAMPLE ID | PID | SAMPLE ID | PID |
|---|---|---|---|
| Blended Backfill | 6.9 | | |
| | | | |
| 5pt Btm Comp. | 1.1 | | |
| | | | |
| 4 Wall Comp | 1.3 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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

SIGNATURE: Jordan Woolf DATE: 9-25-08

BD Jct. O-36
Unit 'O', Sec. 36, T21S, R36E

## Excavation Cross-Section



LABORATORY TEST REPORT
PETTIGREW & ASSOCIATES, P.A.
1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827

AASHTO R18
DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS. III, P.E./P.S.

To: Rice Operating Company
Attn: Hack Conder
122 W. Taylor
Hobbs, NM 88240

Material: Wallach Red Clay

Test Method: ASTM: D 2922

Project: General Information
BD JCT 0-36
Project No. 2008.1069

Date of Test: September 29, 2008



Depth: See Below

Depth of Probe: 6"

| Test No. | Location | Dry Density % Max | % Moisture | Depth |
|---|---|---|---|---|
| SG 8 | 15' E. & 25' S. of NW Corner | 90.8 | 17.1 | 6' Below FG |

Control Density: 102.8
ASTM: D 698

Optimum Moisture: 22.6%

Required Compaction: 90 - 95%

Densometer ID: 2505

Lab No.: 08 7408-7409

Copies To: Rice Operating

PETTIGREW & ASSOCIATES

BY: Erica M Hart

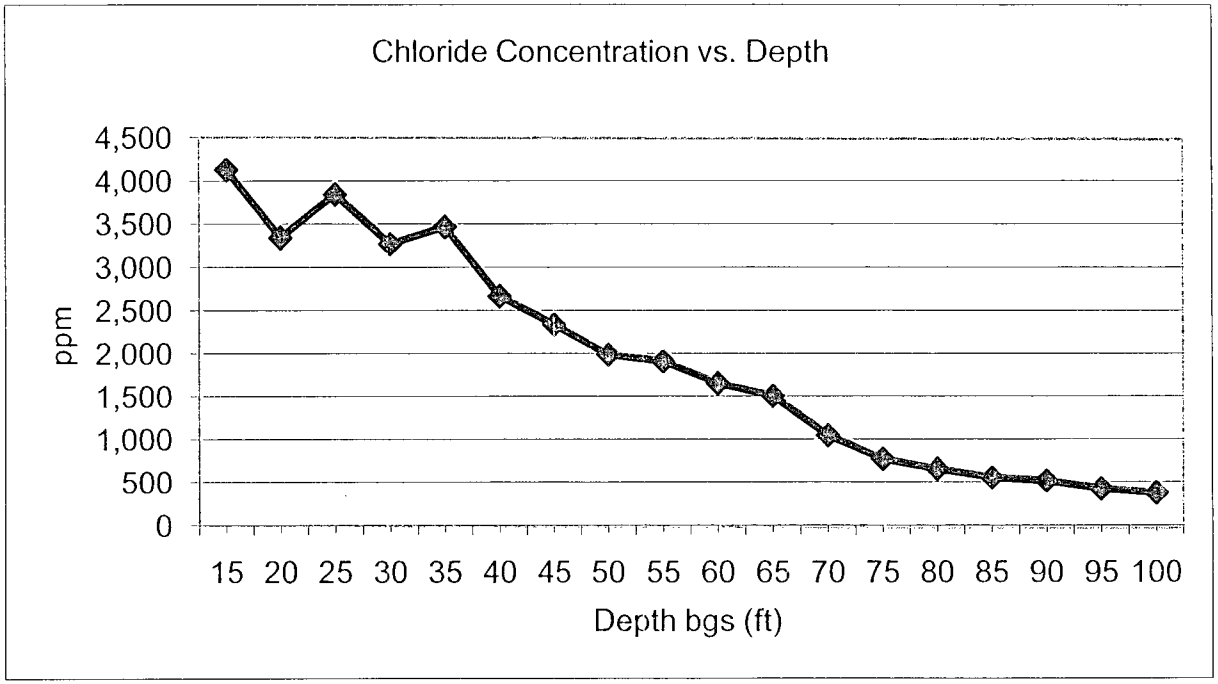
BY: Debra P. Hicks P.E.

# BD Jct. O-36

Unit 'O', Sec. 36, T21S, R36E

*Soil Boring samples at 7 ft west of the junction (source)*

| Depth bgs (ft) | [Cl] ppm |
|---|---|
| 15 | 4,131 |
| 20 | 3,343 |
| 25 | 3,843 |
| 30 | 3,273 |
| 35 | 3,468 |
| 40 | 2,668 |
| 45 | 2,339 |
| 50 | 1,987 |
| 55 | 1,910 |
| 60 | 1,652 |
| 65 | 1,507 |
| 70 | 1,048 |
| 75 | 772 |
| 80 | 655 |
| 85 | 556 |
| 90 | 520 |
| 95 | 424 |
| 100 | 378 |




Groundwater = 134 ft