

1R - 425-39

REPORTS

DATE:

3-31-08

VAC Texaco 'AN' EOL

1R425-39

CLOSURE

3-31-08

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | NEW BOX DIMENSIONS - FEET | | |
|------------|----------|------|---------|----------|-------|--------|----------------------------|-------|-------|
| | | | | | | | Length | Width | Depth |
| Vacuum | AN EOL | B | 7 | 18S | 35E | Lea | no box--System abandonment | | |

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

Depth to Groundwater 80 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/19/2007 Date Completed 7/24/2007 NMOCD Witness no

Soil Excavated 7 cubic yards Excavation Length 9 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/19/2007 Sample Depth 7 ft

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 |
|--------------------------|-----------------|-----------|-----------|----------------|
| grab 7 ft below junction | 0.0 | <10.0 | <10.0 | 624 |

| LOCATION | DEPTH (ft) | ppm |
|---------------------|------------|-----|
| 7 ft below junction | 7 | 531 |

General Description of Remedial Action:

This end-of-line (EOL) junction box was eliminated with the Vacuum SWD System abandonment.

After the box was removed, the location was inspected for chloride and hydrocarbon impact. The soils at and surrounding the site were a sandy type with hard caliche outcropping near the surface and did not exhibit signs of adverse impact from the junction box. The surrounding surface has a healthy vegetative cover and does not appear to be stressed. A delineation trench was made at the former junction site using a backhoe to collect soil samples every foot of depth to 7 ft BGS. 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. The deepest sample (7 ft) was analyzed at a laboratory for confirmation of the field tests. TPH concentrations met NMOCD guidelines. The excavated soil was blended on site and returned to the trench. 12 cubic yards of clean fill was imported to complete the backfill and contour the site to the surrounding terrain. The disturbed surface was seeded with a blend of native vegetation on 7/25/2007 and is expected to return to productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings

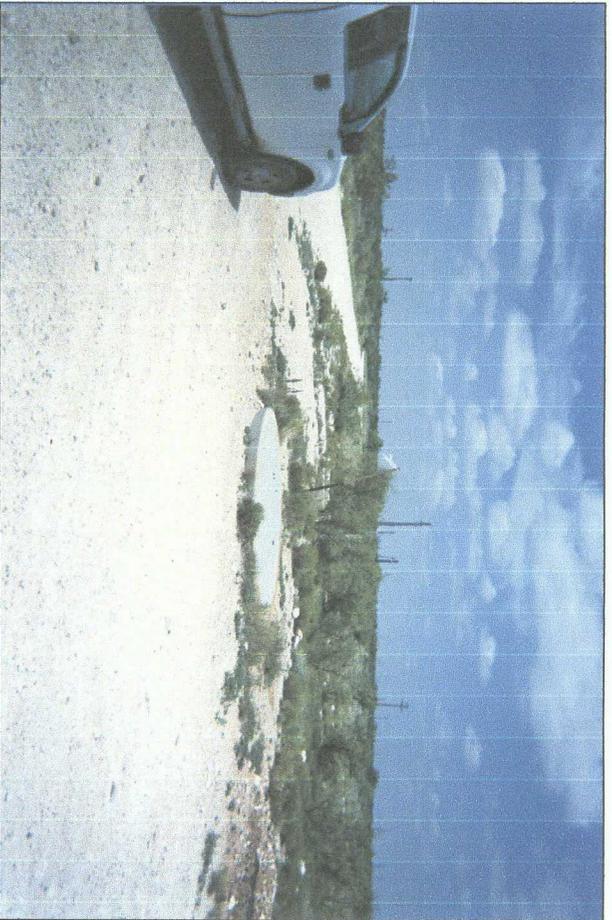
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

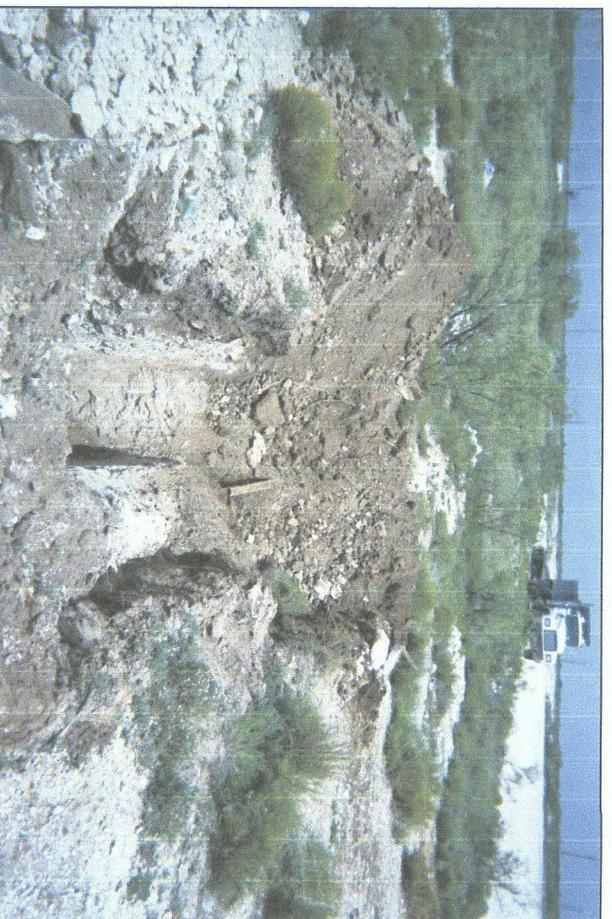
REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Pope
DATE 8/28/2007 TITLE Project Scientist

Vacuum 'AN' EOL

unit B, section 7, T18S, R35E



former junction box site marked by flagged stake behind concrete tank base



7-ft-deep delineation trench

7/19/2007



backfilling trench

7/19/2007



seeding site with clean, imported soil at the surface

7/25/2007



**ARDINAL
LABORATORIES**

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

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

RECEIVED

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 393-1471

JUL 26 2007

RICE OPERATING
HOBBS NM

Receiving Date: 07/19/07
Reporting Date: 07/24/07
Project Number: NOT GIVEN
Project Name: VAC TEXACO "AN" EOL
Project Location: NOT GIVEN

Sampling Date: 07/19/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/HM

COPY

| LAB NUMBER | SAMPLE ID | GRO (C ₆ -C ₁₀) (mg/Kg) | DRO (>C ₁₀ -C ₂₈) (mg/Kg) | Cl* (mg/Kg) |
|-----------------------------|----------------------|--|--|----------------|
| ANALYSIS DATE | | 07/20/07 | 07/20/07 | 07/20/07 |
| H12938-1 | SOURCE @ 7' BGS GRAB | <10.0 | <10.0 | 624 |
| | | | | |
| | | | | |
| | | | | |
| Quality Control | | 748 | 735 | 490 |
| True Value QC | | 800 | 800 | 500 |
| % Recovery | | 94.7 | 93.9 | 98.0 |
| Relative Percent Difference | | 6.1 | 6.4 | 2.1 |

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

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

Bryan J. Cooke
Chemist

7/24/07
Date

H12938 RICE

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Mariland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page _____ of _____

| | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|-----------------------|-----------------------------|---|----------------------------------|-----------------|-------------|-------------|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: RICE OPER. CO. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | |
| Project Manager: ROY R. RASCON | | P.O. #: | | | | | | | | | | | | | | | | | | | |
| Address: 122 W. TAYLOR | | Company: | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | Attn: | | | | | | | | | | | | | | | | | | | |
| Phone #: 505-393-9174 | | Address: | | | | | | | | | | | | | | | | | | | |
| State: NM Zip: 88240 | | City: | | | | | | | | | | | | | | | | | | | |
| Fax #: 505-397-1471 | | State: | | | | | | | | | | | | | | | | | | | |
| Project #: | | Phone #: | | | | | | | | | | | | | | | | | | | |
| Project Name: VAC TRACT "A" EOL | | Fax #: | | | | | | | | | | | | | | | | | | | |
| Project Location: | | Project Owner: | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Roy R. Rascon | | | | | | | | | | | | | | | | | | | | | |
| <small>FOR LAB USE ONLY</small> | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | # CONTAINERS | (G) GRAB OR (C) COMP | MATRIX | PRESERV | SAMPLING | DATE | TIME | | | | | | | | | | | | | |
| F112938-1 | Source @ 7 BGS Geak | 1 | G | GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE OTHER | ICE / COOL ACID/BASE OTHER | | 7-19-07 | 1500 | 7PH 8D15 M ✓ ✓ | | | | | | | | | | | | |

PLEASE NOTE: Liability and Damages: Cardinal's liability and third's coverage (third party claim) ending whether based on contract or tort, shall be limited to the amount paid by the client for the services. All claims involving those for negligence and any other claims whatsoever shall be limited to the amount paid 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 interruption, 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 furnished by Cardinal. Cardinal's liability shall be limited to the amount stated above.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished: Roy R. Rascon
Date: 7-19-07 Time: 1642
Relinquished By: Roy R. Rascon

Received By: (Lab Staff)
Date: 7/19/07 Time: 4:42 PM
Checked By: [Signature] (Initials)

Delivered By: (Circle One)
Sample - UPS - Bus - Other: []

Phone Result: Yes No **Adm'l Phone #:**
Fax Result: Yes No **Adm'l Fax #:**

REMARKS:
E MAIL TO J. PURVIS & RASCON @ RICE SWD.COM

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

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

| | | | |
|-------|----------|-----------------|-----------------------|
| CK. | X | MODEL: PGM 7600 | SERIAL NO: 110-013676 |
| MODEL | | MODEL: PGM 7600 | SERIAL NO: 110-013744 |
| NO. | | MODEL: PGM 7600 | SERIAL NO: 110-12383 |
| | | MODEL: PGM 7600 | SERIAL NO: 110-012920 |

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| | |
|--------------------|-------------------------------|
| LOT NO : 06-3079 | EXPIRATION DATE: 12-16-07 |
| FILL DATE: 6-16-06 | METER READING ACCURACY: 100.0 |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|------------|----------------------------|----------|----------|------------|------------|
| VAC | TEXACO "AN" EOL | B | 7 | 18S | 35E |

| SAMPLE ID | PID | SAMPLE ID | PID |
|----------------------------|-----|-----------|-----|
| Vert. @ source 1'bgs | 0 | | |
| 2' | 0 | | |
| 3' | 0 | | |
| 4' | 0.8 | | |
| 5' | 0 | | |
| 6' | 0 | | |
| this sample sent to lab 7' | 0 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

COPY

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

SIGNATURE: *Key R. Larson*

DATE: 7-19-07