

1R - 425-57

REPORTS

DATE:

12-8-08

Vacuum N-33 Vent

1R425-57

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX DIMENSIONS - FEET | | |
|------------|-----------|------|---------|----------|-------|--------|----------------------------|-------|-------|
| | | | | | | | Length | Width | Depth |
| Vacuum | N-33 vent | N | 33 | 17S | 35E | Lea | no box; system abandonment | | |

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

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/21/2007 Date Completed 5/22/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/7/2008 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 | 0.0 | <10.0 | <10.0 | 160 |

| LOCATION | DEPTH | mg/kg |
|--|-------|-------|
| source lab sample 4/7/2008 | 12' | 154 |
| background | 6" | 179 |
| vertical delineation trench at the junction (source) | 8' | 252 |
| | 9' | 133 |
| | 10' | 94 |
| | 11' | 125 |
| | 12' | 114 |

General Description of Remedial Action: This junction was eliminated during the Vacuum SWD system abandonment. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep excavation. Field data suggest the site is low in organic vapors, and chloride concentrations are similar to that of the background sample. On 4/7/2008, the deepest sample (12 ft BGS) was sent to a commercial laboratory for analysis

of chloride and TPH, confirming low concentrations. Clean, imported soil was used to backfill the excavation to ground surface and to contour the site to the surrounding area. On 5/22/2008, the site was re-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 screenings, chloride curve

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

SITE SUPERVISOR Roy Rascon SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 12-08-08

Vacuum N-33 vent



undisturbed junction box, facing north

10/31/2005

Unit N, Section 33, T17S, R35E



delineation trench at former junction site

2/08/2008



spreading clean, imported soil on site

3/20/2008



seeding backfilled site

3/20/2008



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

COPY

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 04/08/08
Reporting Date: 04/09/08
Project Owner: NOT GIVEN
Project Name: VAC. VENT N-33
Project Location: NOT GIVEN

Sampling Date: 04/07/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/KS

| LAB NUMBER | SAMPLE ID | GRO (C ₆ -C ₁₀) (mg/kg) | DRO (>C ₁₀ -C ₂₈) (mg/kg) | Cl* (mg/kg) |
|-----------------------------|------------------------|--|--|----------------|
| | | | | |
| ANALYSIS DATE | | 04/08/08 | 04/08/08 | 04/08/08 |
| H14594-1 | VERT @ SOURCE @ 12'BGS | <10.0 | <10.0 | 160 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Quality Control | | 442 | 545 | 490 |
| True Value QC | | 500 | 500 | 500 |
| % Recovery | | 88.4 | 109 | 98.0 |
| Relative Percent Difference | | 5.0 | 5.6 | <0.1 |

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

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

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APR 14 2008

RICE OPERATING
HOBBS, NM

Chemist

Date

H14594TCL RICE

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 FAX (325) 673-7020 (505) 393-2326 FAX (505) 393-2476

[illegible]

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

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

COPY

| | | | |
|-------|-------------------------------------|-----------------|-----------------------|
| CK. | <input type="checkbox"/> | MODEL: PGM 7600 | SERIAL NO: 110-013676 |
| MODEL | <input checked="" type="checkbox"/> | MODEL: PGM 7600 | SERIAL NO: 110-013744 |
| NO. | <input type="checkbox"/> | MODEL: PGM 7600 | SERIAL NO: 110-012383 |
| | <input type="checkbox"/> | MODEL: PGM 7600 | SERIAL NO: 110-012920 |

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| | |
|---------------------|-------------------------------|
| LOT NO : 07-3353 | EXPIRATION DATE: 5-16-09 |
| FILL DATE: 11-16-07 | METER READING ACCURACY: 100.0 |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|--------|-----------|------|---------|-----------|-------|
| VAC | VENT N-33 | N | 33 | 17S | 35E |

| SAMPLE ID | PID | SAMPLE ID | PID |
|--------------------|-----|-----------|-----|
| VERT @ SOURCE @ 1' | | | |
| 2' | | | |
| 3' | | | |
| 4' | | | |
| 5' | | | |
| 6' | | | |
| 7' | | | |
| 8' | | | |
| 9' | | | |
| 10' | | | |
| 11' | | | |
| LAB SAMPLE 12' | 0 | | |

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

SIGNATURE: *Ray R. Nelson*

DATE: 4-7-08

Vacuum N-33 vent

Unit 'N', Sec. 33, T17S, R35E

Backhoe samples at junction (source)

| Depth bgs (ft) | Cl ppm |
|----------------|--------|
| 8 | 252 |
| 9 | 133 |
| 10 | 94 |
| 11 | 125 |
| 12 | 114 |

Groundwater = 60 ft

