

1R - 425-50

REPORTS

DATE:

9-26-08

Vacuum Exxon 'K' EOL

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1R425-30

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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 3' | Width 3' | Depth 1' |
| Vacuum | Exxon 'K' EOL | 1 | 32 | 17S | 35E | Lea | no box; system abandonment | | |

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

Depth to Groundwater 65 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 5/5/2008 Date Completed 5/21/2008 OCD Witness no

Soil Excavated 3 cubic yards Excavation Length 5 Width 3 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/5/2008 Sample Depth 6 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 | Chlorides mg/kg |
|-----------------|-----------------|-----------|-----------|-----------------|
| SOURCE 6' GRAB | 0.0 | <10.0 | <10.0 | 32 |

| LOCATION | DEPTH | mg/kg |
|--|-------|-------|
| background | 6" | 117 |
| vertical delineation trench at junction (source) | 2' | 92 |
| | 3' | 193 |
| | 4' | 149 |
| | 5' | 163 |
| | 6' | 166 |

General Description of Remedial Action: This junction was addressed under the Vacuum SWD System abandonment. After the junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x6-ft-deep hole. Chloride field tests were performed on each sample, which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 6 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, confirming low concentrations. The excavated soil was returned to the excavation and clean, imported soil was used as a top cap and to contour to the site to the surrounding area. On 5/22/2008, 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 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 9-26-08

Vacuum Exxon 'K' EOL

Unit I, Section 32, T17S, R35E



delineation trench at former junction site, facing south

5/5/2008



delineation trench at former junction site, facing east

5/5/2008



backfilled excavation, facing south

5/21/2008



seeding backfilled site, facing east

5/22/2008



COPY

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

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MAY 09 2008

RICE OPERATING
HOBBS, NM

Receiving Date: 05/05/08
Reporting Date: 05/07/08
Project Owner: NOT GIVEN
Project Name: VAC EXXON K EOL
Project Location: NOT GIVEN

Sampling Date: 05/05/08
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) | CI* (mg/kg) |
|------------|-----------|--|--|----------------|
|------------|-----------|--|--|----------------|

| | | | |
|---------------------------------|----------|----------|----------|
| ANALYSIS DATE | 05/06/08 | 05/06/08 | 05/05/08 |
| H14744-1 VERT @ SOURCE @ 6' BGS | <10.0 | <10.0 | 32 |
| | | | |
| | | | |
| | | | |
| Quality Control | 462 | 494 | 500 |
| True Value QC | 500 | 500 | 500 |
| % Recovery | 92.4 | 98.8 | 100 |
| Relative Percent Difference | 1.6 | 19.9 | 2.0 |

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

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

Chemist

05/07/08

Date

H14744TCL RICE

RICE OPERATING COMPANY

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

COPY

MODEL: PGM 7600 SERIAL # 110-013744

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 | EXXON K EOL | I | 32 | 17S | 35E |

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

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

SIGNATURE:

DATE: 5-5-08

CHLORIDE CONCENTRATION CURVE

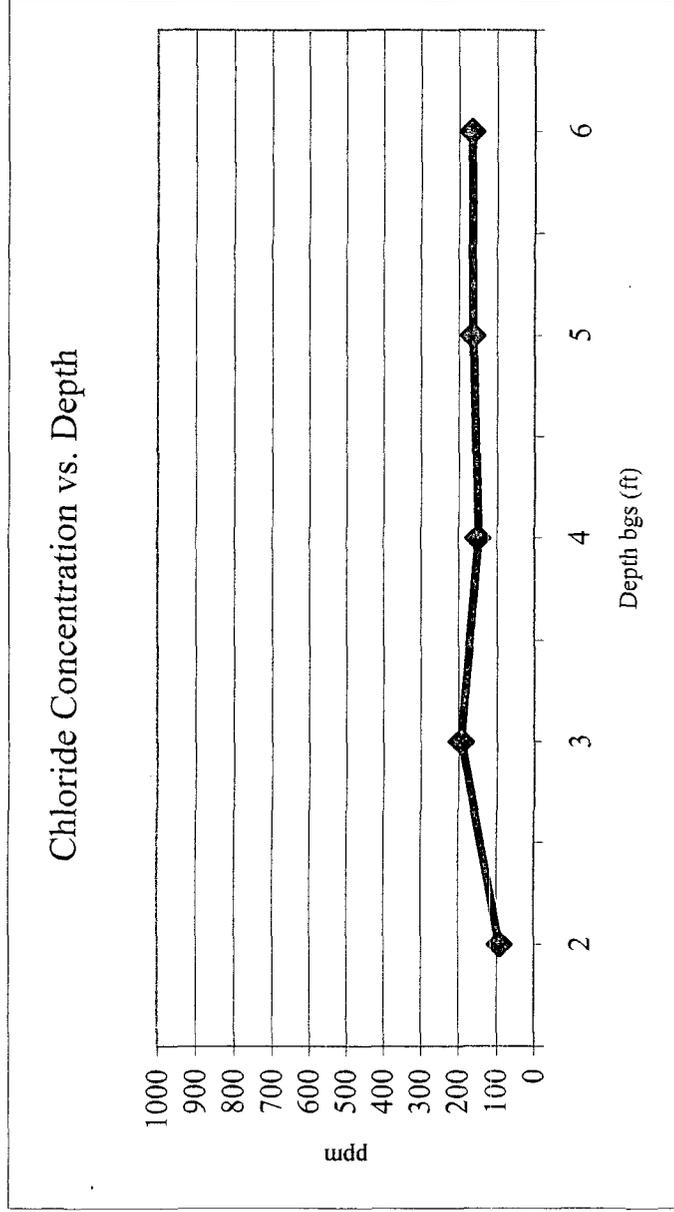
RICE Operating Company

Vacuum Exxon 'K' EOL

Unit 'T', Sec. 32, T17S, R35E

Backhoe samples at junction (source)

| Depth bgs (ft) | [Cl] ppm |
|----------------|----------|
| 2 | 92 |
| 3 | 193 |
| 4 | 149 |
| 5 | 163 |
| 6 | 166 |



Groundwater = 65 ft