

1R - 427-308

REPORTS

DATE:

9-14-09

**EME Jct B-36
2009**

RECEIVED

ADD - 6 2010

Environmental Bureau
Oil Conservation Division

1R427-308

CLOSURE

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation DivisionRICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX DIMENSIONS - FEET | | |
|---------------------------------|-----------|------|---------|----------|-------|--------|-----------------------|-------|-------|
| Eunice Monument Eumont (EME) | Jct. B-36 | B | 36 | 20S | 36E | Lea | Length | Width | Depth |
| | | | | | | | eliminated | | |

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____Depth to Groundwater 103 feet NMOCD SITE ASSESSMENT RANKING SCORE: _____Date Started 1/6/2009 Date Completed 3/6/2009 OCD Witness noSoil Excavated 333.3 cubic yards Excavation Length 25 Width 30 Depth 12 feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL ANALYTICAL RESULTS: Sample Date 3/2/2009 Sample Depth 12 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.

CHLORIDE FIELD TESTS

| Sample Location | PID (field) ppm | GRO mg/kg | DRO mg/kg | Chloride mg/kg |
|------------------|-----------------|-----------|-----------|----------------|
| 4-WALL COMP. | 8.6 | <10.0 | <10.0 | 288 |
| BOTTOM COMP. | 9.8 | <10.0 | <10.0 | 336 |
| BLENDED BACKFILL | 3.5 | <10.0 | <10.0 | 160 |

| LOCATION | DEPTH | mg/kg |
|--|-------|-------|
| 4-wall comp. | n/a | 300 |
| bottom comp. | 12' | 450 |
| blended backfill | n/a | 270 |
| background | 6" | 204 |
| vertical delineation trench at 10 ft west of the junction (source) | 1' | 147 |
| | 2' | 144 |
| | 3' | 145 |
| | 4' | 142 |
| | 5' | 151 |
| | 6' | 303 |
| | 7' | 268 |
| | 8' | 361 |
| | 9' | 405 |
| | 10' | 404 |
| | 11' | 384 |
| | 12' | 256 |

General Description of Remedial Action: This junction box was eliminated 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 25x30x12-ft deep excavation. Chloride field tests were performed on each sample yielding generally low concentrations similar to that of the background. Organic vapors were measured using a PID which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH which confirmed low concentrations of both. The excavated soil was blended on site and returned to the excavation to ground surface and contoured to the surrounding area. On 3/9/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

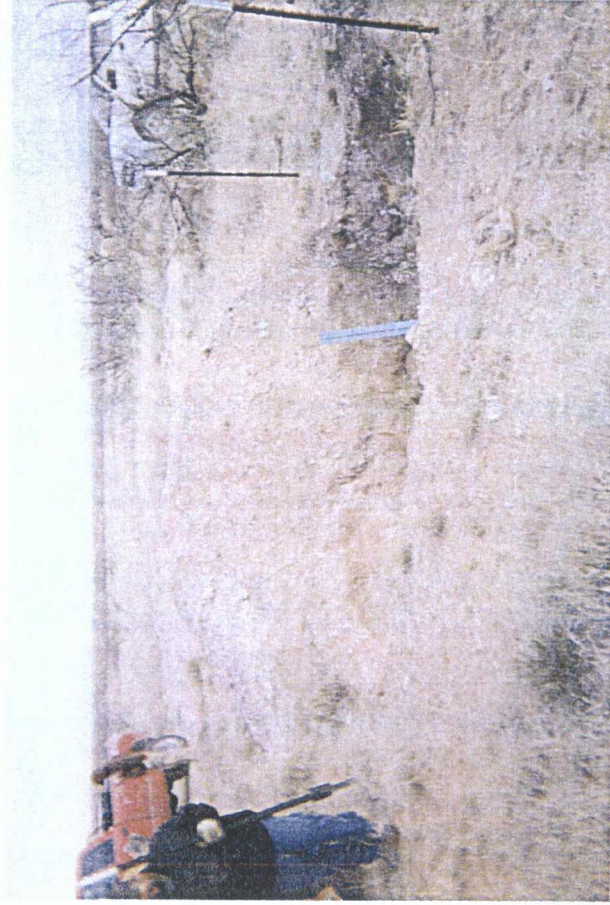
enclosures: photos, lab results, PID (field) screenings, chloride curve

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 COMPANYREPORT ASSEMBLED BY Katie Jones INITIAL KJPROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 9-14-09

EME Jct. B-36

Unit B, Section 36, T20S, R36E



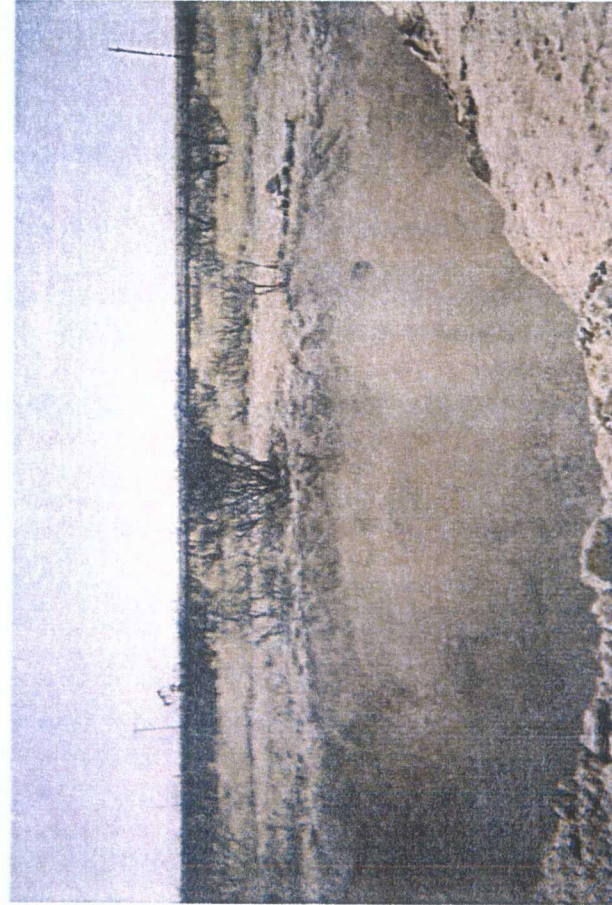
site prior to excavation, facing north

1/6/2009



collecting a soil sample, facing southwest

1/6/2009



final 25x30x12-ft excavation, facing southeast

3/6/2009



seeding backfilled site, facing west

3/9/2009



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: 03/02/09
Reporting Date: 03/03/09
Project Number: NOT GIVEN
Project Name: EME JCT B-36
Project Location: EME JCT B-36

COPY

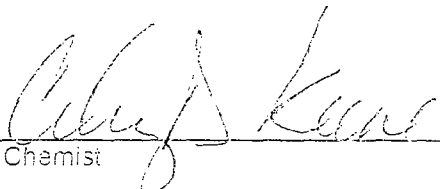
Sampling Date: 03/02/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: AB/HM

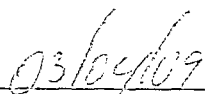
| LAB NUMBER | SAMPLE ID | GRO (C ₅ -C ₁₀) (mg/kg) | DRO (C ₁₀ -C ₂₈) (mg/kg) | CI ⁺ (mg/kg) |
|------------|-----------|--|---|----------------------------|
|------------|-----------|--|---|----------------------------|

| ANALYSIS DATE | | 03/03/09 | 03/03/09 | 03/03/09 |
|-----------------------------|-------------------------|----------|----------|----------|
| H16996-1 | 5PT BTTM COMP @ 12' | <10.0 | <10.0 | 336 |
| H16996-2 | 4 WALL COMP @ 25' x 30' | <10.0 | <10.0 | 288 |
| H16996-3 | BLENDED BACKFILL | <10.0 | <10.0 | 180 |
| | | | | |
| | | | | |
| | | | | |
| Quality Control | | 476 | 543 | 500 |
| True Value QC | | 500 | 500 | 500 |
| % Recovery | | 95.2 | 109 | 100 |
| Relative Percent Difference | | 0.6 | 6.6 | < 0.1 |

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

*Analyses performed on 1:4 w/v aqueous extracts.


Chemist


Date

H16996 TOL RICE

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COF

PID METER CALIBRATION & FIELD REPORT FORM

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

ACCURACY : +/- 2%

[illegible]

DATE:

5-2-79

CHLORIDE CONCENTRATION CURVE

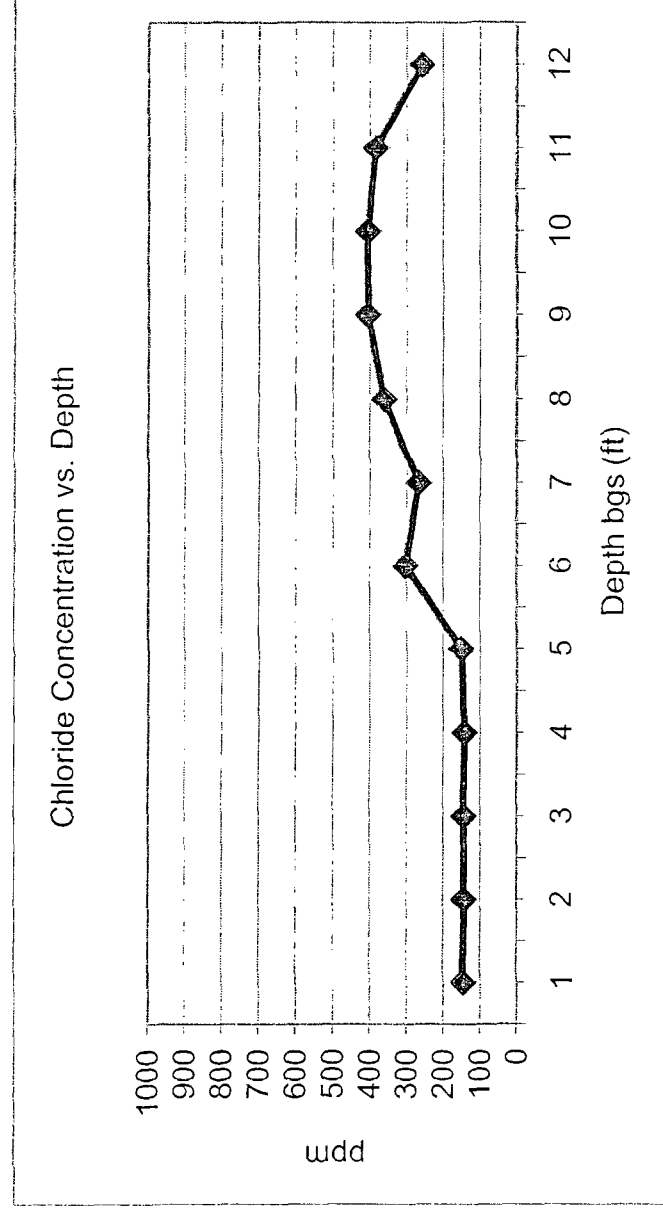
RICE Operating Company

EME Jct. B-36

Unit 'B', Sec. 36, T20S, R36E

Backhoe samples at 10 ft west of the junction (source)

| Depth bgs (ft) | Cl ppm |
|----------------|--------|
| 1 | 147 |
| 2 | 144 |
| 3 | 145 |
| 4 | 142 |
| 5 | 151 |
| 6 | 303 |
| 7 | 268 |
| 8 | 361 |
| 9 | 405 |
| 10 | 404 |
| 11 | 384 |
| 12 | 256 |



Groundwater = 103 ft