

1R - 427-354

REPORTS

DATE:

2-26-11

1R427-354

EME Jct. H-14

2010

RECEIVED

APR -1 2011

**Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505**

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX DIMENSIONS - FEET | | |
|------------------------------|-----------|------|---------|----------|-------|--------|-----------------------|-------|-------|
| | | | | | | | Length | Width | Depth |
| Eunice Monument Eumont (EME) | Jct. H-14 | H | 14 | 20S | 36E | Lea | Eliminated | | |

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie Cooper etux. Betty-J.T Trust OTHER _____

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

Date Started 6/15/2010 Date Completed 6/25/2010 OCD Witness no

Soil Excavated 6.7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/15/2010 Sample Depth 12 ft

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 | Chloride mg/kg |
|-----------------|-----------------|-----------|-----------|----------------|
| SOURCE 12' GRAB | 0.0 | <10.0 | <10.0 | 32 |

CHLORIDE FIELD TESTS

| LOCATION | DEPTH | mg/kg |
|--|-------|-------|
| background | 6" | 87 |
| vertical delineation trench at the junction (source) | 8' | 52 |
| | 9' | 54 |
| | 10' | 59 |
| | 11' | 55 |
| | 12' | 58 |

General Description of Remedial Action: This junction and line were 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 creating a 5x3x12-ft deep excavation. Chloride field tests yielded concentrations similar to that of the background. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 12 ft. bgs, was sent to a commercial laboratory for analysis of chloride and TPH, which yielded low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 8/19/2010, 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 Joe Gatts SIGNATURE _____ not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Robert Egans INITIAL RE

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-26-11

EME Jct. H-14

Unit H, Sec. 14, T20S, R36E



Delineation trench being excavated

6/15/2010



Collecting Sample

6/15/2010



Seeding excavation

8/19/2010



Excavation complete

8/19/2010

08/19/2010 15:18

08/19/2010 15:00



ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: BRUCE BAKER
 112 W. TAYLOR
 HOBBS, NM 88240

Receiving Date: 06/15/10
 Reporting Date: 06/17/10
 Project Number: NOT GIVEN
 Project Name: EME JCT. H-14 (20/36)
 Project Location: EME JCT. H-14 (20/36)

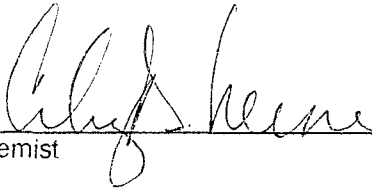
Sampling Date: 06/15/10
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: JH
 Analyzed By: AB/HM

| | | | |
|---------------------|------------------------------------|--------------------------------------|---------|
| | GRO | DRO | |
| | (C ₆ -C ₁₀) | (>C ₁₀ -C ₂₈) | CI* |
| LAB NUMBE SAMPLE ID | (mg/kg) | (mg/kg) | (mg/kg) |

| ANALYSIS DATE | 06/16/10 | 06/16/10 | 06/16/10 |
|-----------------------------|----------|----------|----------|
| H20120-1 SOURCE @ 12' | <10.0 | <10.0 | 32 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Quality Control | 504 | 460 | 500 |
| True Value QC | 500 | 500 | 500 |
| % Recovery | 101 | 92.0 | 100 |
| Relative Percent Difference | 0.2 | 1.0 | < 0.1 |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB
 *Analysis performed on a 1:4 w:v aqueous extract.
 Reported on wet weight.

COPY



 Chemist

06/21/10

 Date

H20120 TCL RICE

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RICE OPERATING COMPANY

122 West Taylor 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 7300 Serial No: 590-000508
 Model: PGM 7300 Serial No: 590-000504

| |
|---|
| |
| |
| ✓ |

Model: PGM 7600 Serial No: 110-023920
 Model: PGM 7600 Serial No: 110-013744
 Model: PGM 7230 Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| | |
|-----------------------|--------------------------------------|
| LOT NO: 928547 | EXPIRATION DATE: 2/04/2013 |
| FILL DATE: | METER READING ACCURACY: 100.1 |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|------------|------------------|----------|-----------|-----------|-----------|
| EME | Jct. H-14 | H | 14 | 20 | 36 |

| SAMPLE ID | PID | SAMPLE ID | PID |
|------------------------|----------|-------------|-----|
| Background @ 6" | ∅ | | |
| Source @ 8' | ∅ | | |
| Source @ 9' | ∅ | | |
| Source @ 10' | ∅ | | |
| Source @ 11' | ∅ | | |
| Source @ 12' | ∅ | | |
| | | | |
| | | | |
| | | COPY | |
| | | | |
| | | | |

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

SIGNATURE: *Joe Gatto*

DATE: **6/15/10**

CHLORIDE CONCENTRATION CURVE

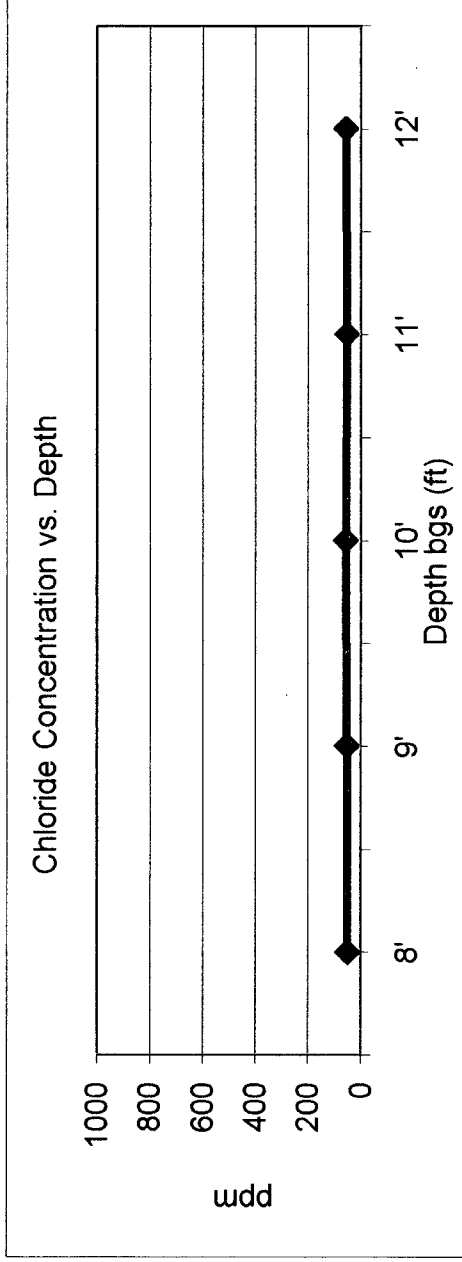
RICE Operating Company

EME Jct. H-14

Unit 'H', Sec. 14, T20S, R36E

Backhoe samples at the junction (source)

| Depth bgs (ft) | [Cl] ppm |
|----------------|----------|
| 8' | 52 |
| 9' | 54 |
| 10' | 59 |
| 11' | 55 |
| 12' | 58 |



Groundwater = 20 ft