

1R - 427-350

REPORTS

DATE:

2-24-11

1R427-350

EME Jct. H-29

2010

RECEIVED

APR - 1 2011

**Oil Conservation Division
1220 S. St. Francis Drive
Columbus, Ohio 43260**

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Euinca-Monument-Eumont (EME)	Jct. H-29	H	29	19S	37E	Lea	Eliminated		

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

Depth to Groundwater 23 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/8/2010 Date Completed 8/23/2010 OCD Witness no

Soil Excavated 111.1 cubic yards Excavation Length 25 Width 10 Depth 12 feet

Soil Disposed 96 cubic yards Offsite Facility C and C Landfarm Location Monument, NM

FINAL ANALYTICAL RESULTS: Sample Date 7/8/2010 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.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.1	<10.0	<10.0	224
BOTTOM COMP.	0.1	<10.0	<10.0	96
BACKFILL COMP.	0.1	<10.0	<10.0	272

CHLORIDE FIELD TESTS		
LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	255
bottom comp.	12'	80
backfill comp.	n/a	233
Delineation trench 15 ft. east of former junction (source)	2'	237
	4'	392
	6'	372
	8'	355
	10'	318
	12'	196

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 producing a 25X10X12-ft. deep excavation. Chloride field tests were performed on each sample yielded chloride concentration that relent with depth.

Organic vapors were measured using a PID, which yielded low concentrations. The excavated soil was blended on site and representative samples were collect from the blended backfill, the bottom of the excavation, and the excavation walls. The representative samples were taken to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The blended backfill was returned to the excavation to 1 ft. BGS. The remaining blended backfill and rocky soil unsuitable for vegetation around excavation was hauled to an NMOCD approved facility. The remaining excavation and surrounding area was backfilled with clean imported soil. On 8/23/2010, 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

SITE SUPERVISOR Joe Gatts SIGNATURE Not Available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL ZC

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-24-11

EME JCT. H-29



DELINEATION TRENCH BEING EXCAVATED

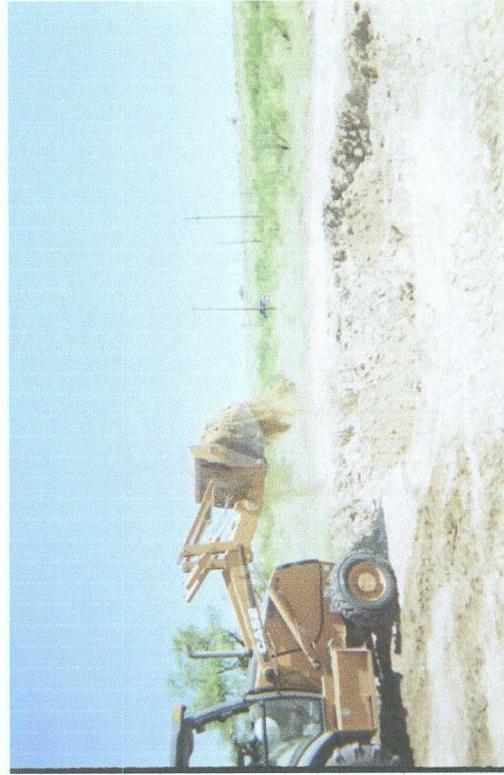
6/8/2010

UNIT H, SEC. 29, T19S, R37E



SAMPLING SOURCE

6/8/2010



BACKFILLING EXCAVATION

8/2/2010



SEEDING EXCAVATION

8/23/2010

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: <u>928547</u>	EXPIRATION DATE: <u>2/04/2013</u>
FILL DATE: _____	METER READING ACCURACY: <u>100.1</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>EME</u>	<u>H-29</u>	<u>H</u>	<u>29</u>	<u>19</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>15' East of source</u>	<u>2'</u>		<u>0.1</u>
	<u>4'</u>		<u>0.1</u>
	<u>6'</u>		<u>0.1</u>
	<u>8'</u>		<u>0.1</u>
	<u>10'</u>		<u>0.1</u>
	<u>12'</u>		<u>0.1</u>
<u>Bottom Comp @ 12'</u>			<u>0.1</u>
<u>4 WALL Comp 25x10</u>			<u>0.1</u>
<u>Blended Backfill</u>			<u>0.1</u>

COPY

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

SIGNATURE: Joe Smith

DATE: 7/8/10

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Jct. H-29

Unit 'H', Sec. 29, T19S, R37E

Delineation 15' East of Source

Depth bgs (ft)	[Cl ⁻] ppm
2	237
4	392
6	372
8	355
10	318
12	196

Groundwater = 23 ft

