

1R - 427-321

REPORTS

DATE:

2-15-11

1R427-321

EME Jct. N-13

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. N-13	N	13	20S	36E	Lea	Eliminated		

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

Depth to Groundwater 29 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/24/2010 Date Completed 11/24/2010 OCD Witness no

Soil Excavated 3.0 cubic yards Excavation Length 5 Width 2 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 11/24/2010 Sample Depth 8 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 8' GRAB	1.7	<10.0	<10.0	16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	58
vertical delineation trench at the junction (source)	4'	177
	5'	85
	6'	114
	7'	90
	8'	116

General Description of Remedial Action: This junction box 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 5x2x8-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 8 ft. BGS was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 11/24/2010, 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 Dak Harris SIGNATURE *Dak Harris* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL *ZC*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 2-15-11

EME Jct. N-13

Unit N, Section 13, T20S, R36E



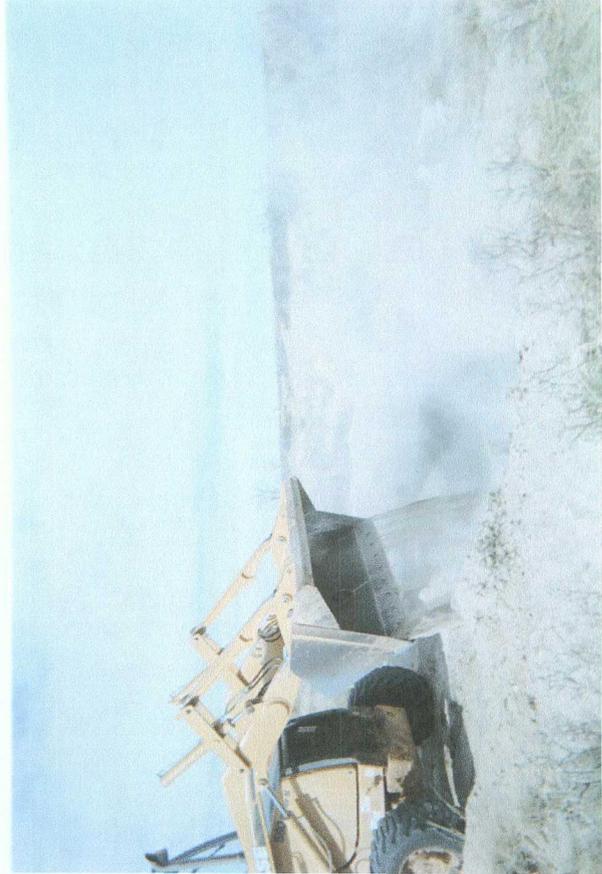
Site prior to delineation

11/23/2010



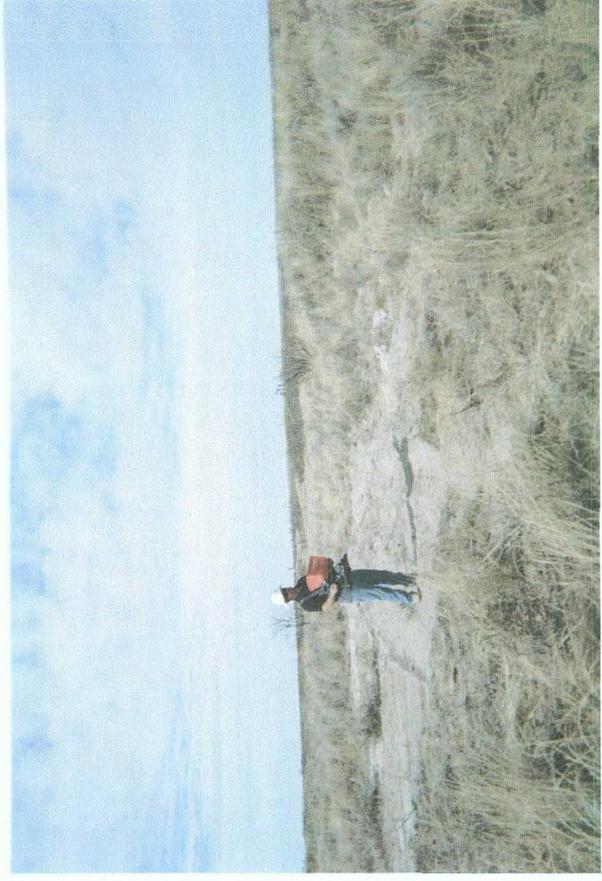
Collecting sample

11/24/2010



Backfilling site

11/24/2010



Seeding site

11/24/2010

Analytical Results For:

Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

Received:	11/24/2010	Sampling Date:	11/24/2010
Reported:	11/30/2010	Sampling Type:	Soil
Project Name:	EME JCT N-13 (20/36)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOURCE @ 8' (H021394-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/30/2010	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/27/2010	ND	160	80.2	200	13.5		
DRO >C10-C28	<10.0	10.0	11/27/2010	ND	151	75.7	200	0.359		

Surrogate: 1-Chlorooctane 103 % 70-130
 Surrogate: 1-Chlorooctadecane 111 % 70-130

COPY



RICE OPERATING COMPANY

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

CK.	✓
MODEL	
NO.	

MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL: PGM 7300	SERIAL NO: 590-000504
MODEL: PGM 7320	SERIAL NO: 592-903318
MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>930132</u>	EXPIRATION DATE: <u>4/28/13</u>
METER READING ACCURACY: <u>100</u>	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>EME</u>	<u>N-13</u>	<u>N</u>	<u>13</u>	<u>20</u>	<u>36</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Background @ 6'</u>	<u>8.2</u>		
<u>4'</u>	<u>8.2</u>		
<u>5'</u>	<u>1.6</u>	COPY	
<u>6'</u>	<u>1.7</u>		
<u>7'</u>	<u>1.5</u>		
<u>8'</u>	<u>1.7</u>		

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

SIGNATURE: Doc Harris

DATE: 11/24/10

CHLORIDE CONCENTRATION CURVE

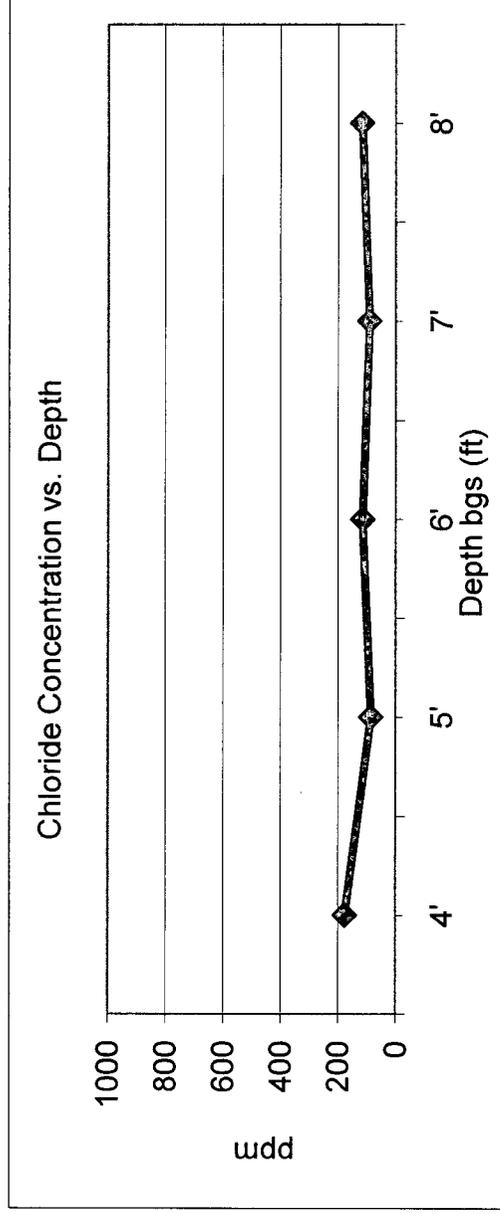
RICE Operating Company

EME Jct. N-13

Unit 'N', Sec. 13, T20S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ⁻ ppm
4'	177
5'	85
6'	114
7'	90
8'	116



Groundwater = 29 ft