

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		
Eunice-Monument-Eumont (EME)	Jct. N-13	N	13	20S	36E	Lea	Length	Width	Depth
							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  
Reported: 11/30/2010  
Project Name: EME JCT N-13 (20/36)  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 11/24/2010  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

### 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

Cardinal Laboratories

\*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

BILL TO		ANALYSIS REQUEST									
Company Name: Rice Operating Company											
Project Manager: Bruce Baker											
Address: 122 W. Taylor											
City: Hobbs											
State: NM Zip: 88240											
Phone #: 575-393-9174 Fax #: 575-393-1471											
Project #:											
Project Name: EME ST N-13 (20-36)											
Site Location:											
Sampler Name: DAK HARRIS											
P.O. #:											
Company:											
Attn:											
Address:											
City:											
State:											
Phone #:											
Fax #:											
Matrix											
GROUNDWATER											
WASTEWATER											
SOIL											
OIL											
SLUDGE											
OTHER:											
ACID/BASE											
ICE / COOL											
OTHER:											
DATE											
TIME											
Lab I.D.											
H21394-1 Source @ 8'											
Sample I.D.											
# CONTAINERS											
(G)RAB OR (C)OMP											
PRESERV											
SAMPLING											

PLEASE NOTE: Liability and Damages. Cardinal's liability and damage exclusive remedy for any claim arising within stated in contract at this time be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be denied unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of profits, loss of data, or loss of other information, or any other damages, whether or not such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Dab Harris	Date: 11/24/00	Time: 1:50	Received By: Jack Denison	Date: 11/24/00	Time: 1:50
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> BUS <input type="checkbox"/> Other:			Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> (Initials)		
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   Add'l Phone #:			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   Add'l Fax #:		
REMARKS: F-Mail Results To: K Jones @ Rice-Sund.com B Baker A Evans D Harris					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

# 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  
MODEL: PGM 7300  
MODEL: PGM 7320  
MODEL: PGM 7300

SERIAL NO: 590-000508  
SERIAL NO: 590-000504  
SERIAL NO: 592-903318  
SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 930132	EXPIRATION DATE: 4/08/13
METER READING ACCURACY: 100	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	N-13	N	13	20	36

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

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

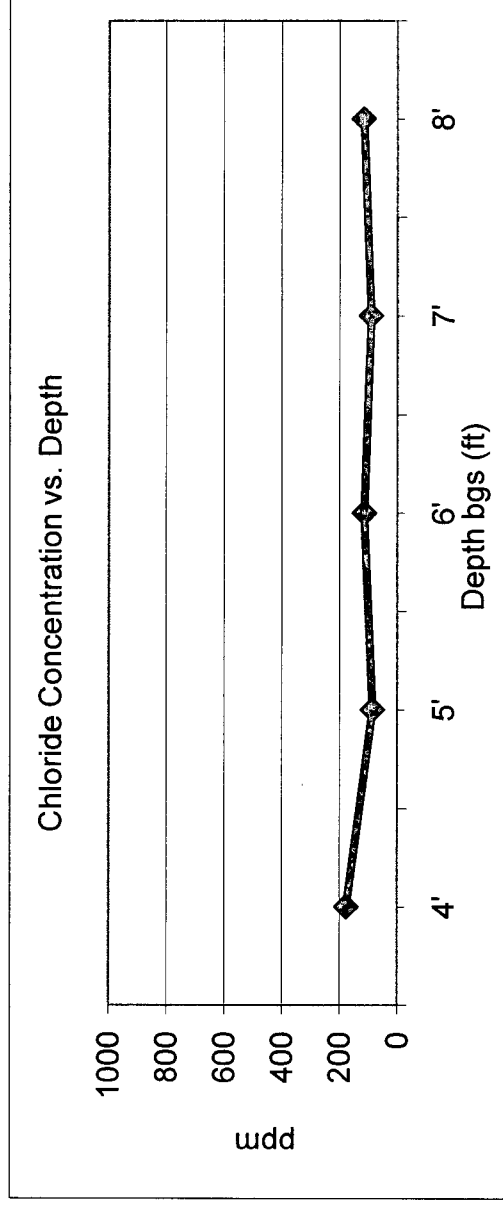
RICE Operating Company

## 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