

1R - 427-304

REPORTS

DATE:

3-5-10

**EME Jet O-34
2009**

1R427-304

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

ADD - 6 2010

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. O-34	O	34	19S	37E	Lea	same location		

LAND TYPE: BLM STATE FEE LANDOWNER: Jimmie Cooper OTHER

Depth to Groundwater 25 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 8/17/2007 Date Completed 12/5/2007 OCD Witness no

Soil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

FINAL ANALYTICAL RESULTS: Sample Date 12/5/2007 Sample Depth 8 ft

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
SOURCE 8' GRAB	0.0	<20.0	<20.0	16

LOCATION	DEPTH	mg/kg
background	1'	144
hand auger at the junction (source)	4'	191
	5'	167
	6'	141
	7'	149
	8'	146

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a hand auger to collect soil samples at regular intervals. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors, measured using a PID, 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. A new, watertight junction box was built in the same location.

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.

REPORT ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY

SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.

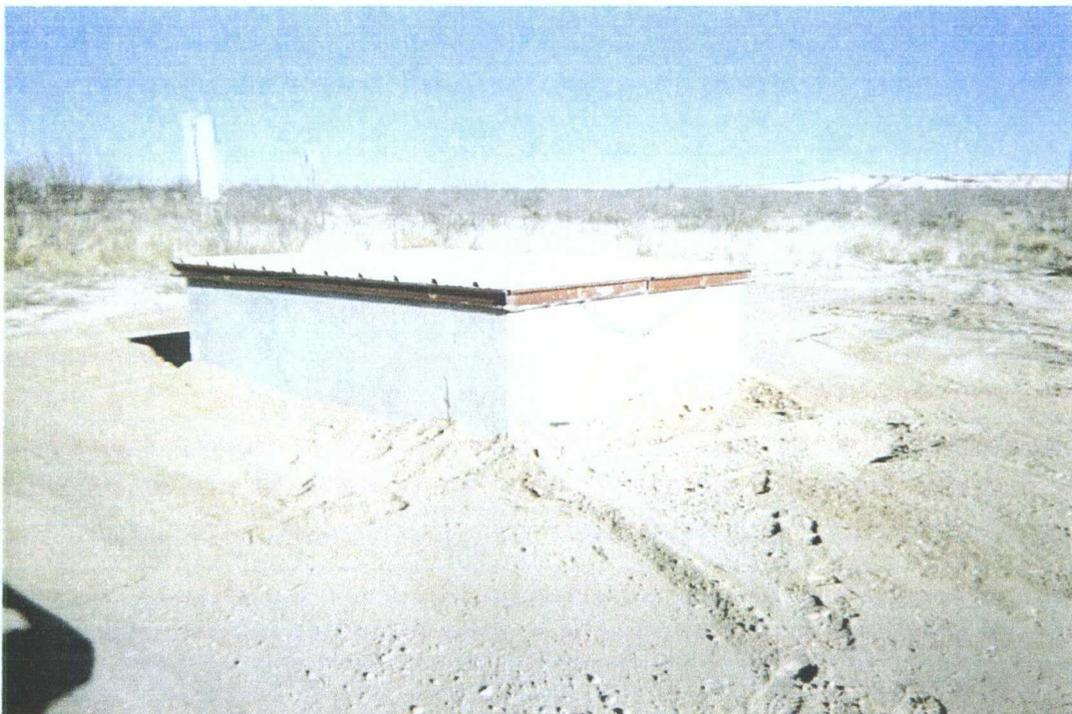
DATE 3-5-10 TITLE PROJECT LEADER

EME Jct. O-34
Unit O, Section 34, T19S, R37E



former junction box location

8/17/2007



new, watertight junction box built in the same location

1/15/2008



ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: BRUCE BAKER
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (575) 391-1471

Receiving Date: 12/06/07
 Reporting Date: 12/07/07
 Project Owner: NOT GIVEN
 Project Name: EME JCT 0-34
 Project Location: EME JCT 0-34

Sampling Date: 12/05/07
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: CK
 Analyzed By: BC/KS

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₅ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		12/06/07	12/06/07	12/06/07
H13864-1	SOURCE @ 8' GRAB	<20.0	<20.0	16
Quality Control		748	769	500
True Value QC		800	800	500
% Recovery		93.5	96.2	100
Relative Percent Difference		2.4	1.7	<0.1

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

DEC 11 2007

REC'D - JPE
 HOBBS

Bruce Baker
 Chemist

12/7/07
 Date

H13864 RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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

Company Name: <i>Nice Operating Co.</i>		BILL TO		ANALYSIS REQUEST																											
Project Manager: <i>Bence Baker</i>		P.O. #:		COPY																											
Address: <i>122 W Taylor</i>		Company:																													
City: <i>Hobbs</i>		Attn:																													
Phone #: <i>393-9174</i>		Address:																													
Project #:		City:																													
Project Name: <i>EME Jet 0-34</i>		State:																													
Project Location: <i>EME Jet 0-34</i>		Phone #:																													
Sampler Name: <i>Bence Baker</i>		Fax #:																													
FOR LAB USE ONLY																															
Lab I.D. <i>H13264-1</i>		Sample I.D.												MATRIX		PRESERV		SAMPLING		DATE		TIME									
				GROUNDWATER		ICE/COOL																									
				WASTEWATER		ACID/BASE																									
				SLUDGE		OTHER:																									
				OIL		OTHER:																									
				SOIL																											
				# CONTAINERS																											
				(G)RAB OR (C)OMP																											
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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>07-3553</u>	EXPIRATION DATE: <u>4/8/09</u>
FILL DATE: <u>10/8/07</u>	METER READING ACCURACY: <u>100 ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>EME</u>	<u>0-34</u>	<u>0</u>	<u>34</u>	<u>195</u>	<u>37E</u>

Source

SAMPLE ID	PID	SAMPLE ID	PID
<u>4'</u>	<u>1.6</u>		
<u>5'</u>	<u>0</u>		
<u>6'</u>	<u>0</u>		
<u>7'</u>	<u>0</u>		
<u>8'</u>	<u>0</u>		

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

SIGNATURE: Bruce Baker

DATE: 12-5-07

CHLORIDE CONCENTRATION CURVE

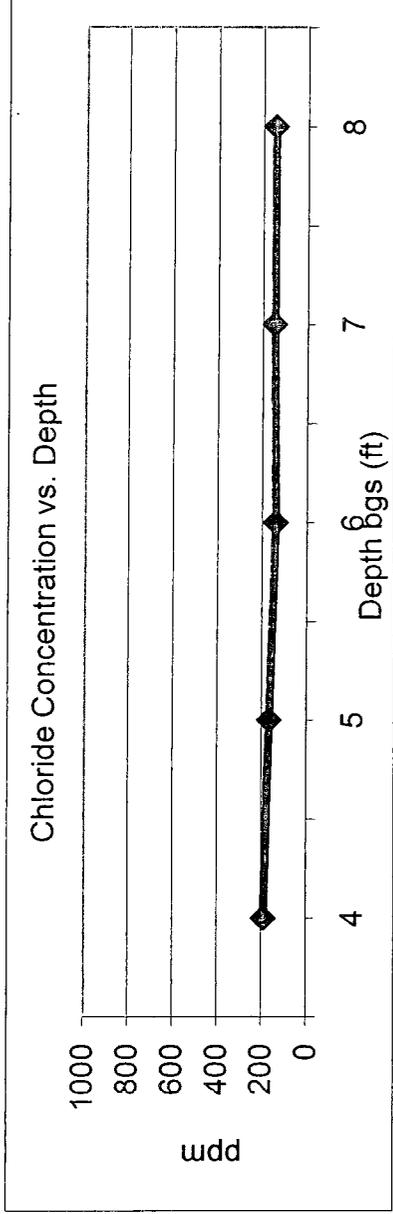
RICE Operating Company

EME Jct. O-34

Unit O, Sec. 34, T19S, R37E

Hand Auger samples at the junction (source)

Depth: bgs (ft)	[Cl ⁻] ppm
4	191
5	167
6	141
7	149
8	146



Groundwater = 25 ft