

1R - 423-19

REPORTS

DATE:

3-25-10

1R423-19

**Justis Jet I-16
2009**

RECEIVED

APR - 6 2010
Environmental Bureau
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Justis	Jct. I-16	I	16	24S	37E	Lea	eliminated		

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

Depth to Groundwater 84 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/9/2009 Date Completed 9/30/2009 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 9/30/2009 Sample Depth 12 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 12' GRAB	5.0	<10.0	17.6	144

LOCATION	DEPTH	mg/kg
background	6"	111
vertical delineation at the junction (source)	3'	3,252
	4'	2,678
	5'	2,805
	6'	2,939
	7'	2,399
	8'	1,749
	9'	1,608
	10'	867
	11'	651
	12'	625

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. An investigation was conducted at the former junction box site using an air-rotary drilling rig to collect soil samples at regular intervals. Soils at this location are made up of caliche and sand stone which prevented a backhoe delineation. Chloride field tests were performed on each sample which yielded elevated concentrations that decreased to low concentrations. Organic vapors, measured using a PID, yielded low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH which confirmed low concentration of each. The entire bore hole was plugged with bentonite to the ground surface. Clean, imported soil was used to contour the site to the surrounding area. On 9/30/2009, 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.

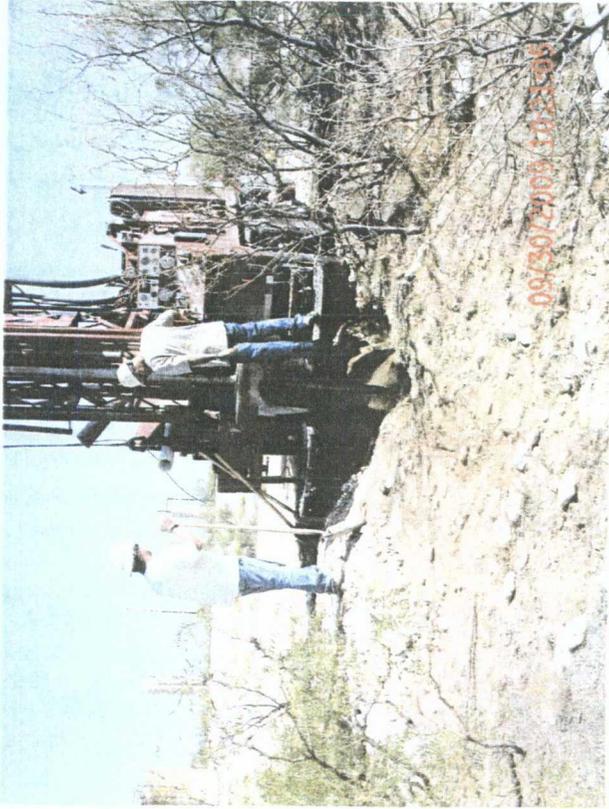
SITE SUPERVISOR Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

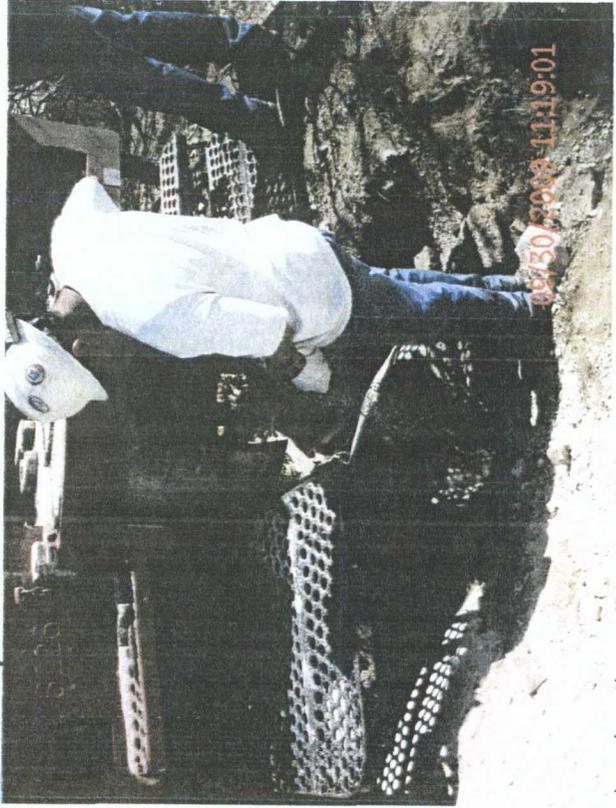
PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-25-10

Justis Jct. I-16

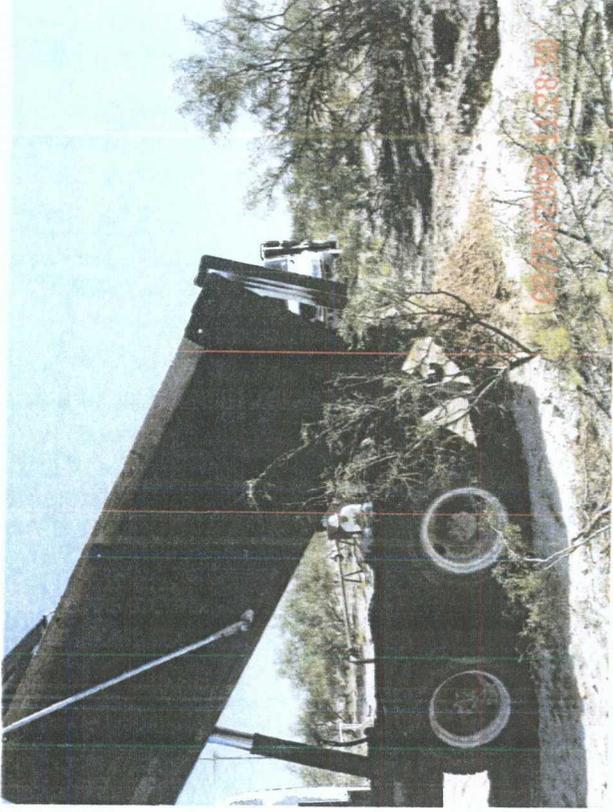
Unit I, Section 16, T24S, R37E



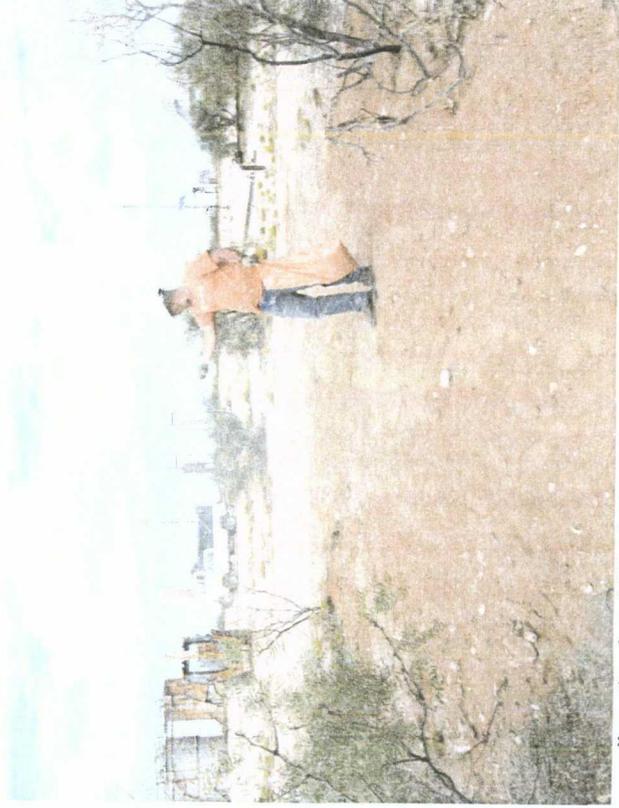
drilling the soil bore at the former junction box site 9/30/2009



plugging the soil bore with bentonite 9/30/2009



contouring the site with clean, imported soil 9/30/2009



seeding the backfilled site 9/30/2009



CARDINAL 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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Rice Operating Company		P.O. #:		ANALYSIS: REQUEST	
Project Manager: Hack Conder		Company:		Texas TPH	
Address: 122 West Taylor		Attn:		BTEX	
City: Hobbs		Address:		TPH 8015 M	
Phone #: 393-9174		City:		Chlorides	
State: NM Zip: 88240		State:			
Fax #: 397-1471		Phone #:			
Project #: _____		Fax #:			
Project Owner: _____		PRESERV		DATE	
Project Name: <i>Just jet I-16</i>		ACID/BASE		TIME	
Project Location: <i>Just jet I-16</i>		ICE / COOL		<i>5-30-96 10:24</i>	
Sampler Name: Lara Weinheimer		OTHER:			
FOR LAB USE ONLY		SLUDGE			
Lab I.D. Sample I.D.		OIL			
		SOIL			
		WASTEWATER			
		GROUNDWATER			
		# CONTAINERS			
		(G)RAB OR (C)OMP			
		MATRIX			
		SAMPLING			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising hereunder based in contract or tort, shall be limited to the amount paid by the client for the services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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 causes of otherwise.

Relinquished By: _____ Date: _____ Received By: *Lara Weinheimer* Date: _____
 Time: _____ Time: _____
 L. Weinheimer
 Relinquished By: _____ Received By: _____
 Time: _____ Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____

Sample Condition
 Cool, intact
 Yes No
 Yes No

CHECKED BY: (Initials)
LC

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____

REMARKS:
 email results

Hconder@riceswd.com; jpurvis@riceswd.com;
 Lweinheimer@riceswd.com

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

NEED SAMPLES BACK, PLEASE

RICE OPERATING COMPANY

122 West Taylor ~ Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK
MODEL
NO.

✓

MODEL: PGM 7300 SERIAL NO: 590-000183
 MODEL: PGM 7300 SERIAL NO: 590-000508 *J*
 MODEL: PGM 7600 SERIAL NO: 110-12383
 MODEL: PGM 7600 SERIAL NO: 110-02920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924908	EXPIRATION DATE: 7-19-2012
FILL DATE: 3-9-09	METER READING ACCURACY: 100.5

ACCURACY: +/- 2%

SYSTEM	SITE	UNIT	SECTION	TOWNSHIP	RANGE
Justis	sect I-16	I	16	T 24 S	R 37E

SAMPLE ID: soil bore #1 / Initial

DEPTH	PID
3'	92.8
4'	49.0
5'	10.4
6'	8.1
7'	3.7

DEPTH	PID

DEPTH	PID

DEPTH	PID

DEPTH	PID
8'	10.0
9'	11.0
10'	8.7
11'	5.7
12'	5.0

DEPTH	PID

DEPTH	PID

DEPTH	PID

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

Signature

[Signature]

Date

9-30-09

SITE MAP

N ↑

CHLORIDE CONCENTRATION CURVE

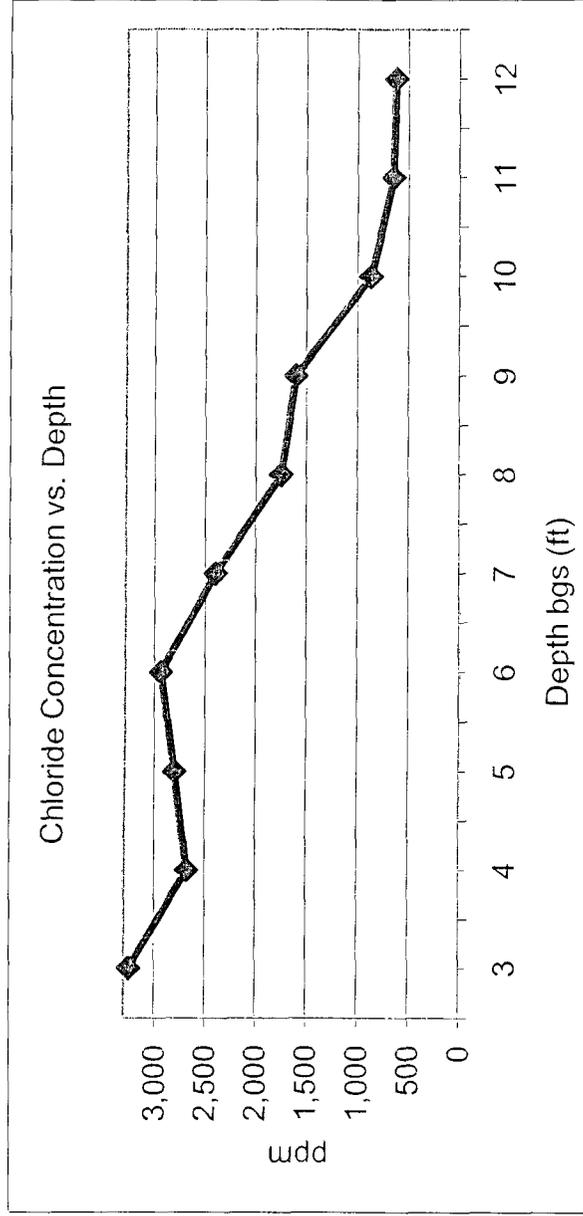
RICE Operating Company

Justis Jct. I-16

Unit 'I', Sec. 16, T24S, R37E

Vertical Delineation samples at the junction (source)

Depth bgs (ft)	Cl ⁻ ppm
3	3,252
4	2,678
5	2,805
6	2,939
7	2,399
8	1,749
9	1,608
10	867
11	651
12	625



Groundwater = 84 ft