

1R - 425-73

REPORTS

DATE:

11-6-09

1R425-73

**Vacuum Jct E-8
2009**

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

APR - 6 2010
Environmental Bureau
Oil Conservation Division

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Vacuum	Jct. E-8	E	8	18S	35E	Lea	eliminated		

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

Depth to Groundwater 89 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/18/2009 Date Completed 6/18/2009 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 6/18/2009 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
SB #1 8' GRAB	0.1	<10.0	<10.0	64

LOCATION	DEPTH	mg/kg
background	6"	150
vertical delineation at the junction (source)	4'	128
	5'	145
	6'	144
	7'	118
	8'	113

General Description of Remedial Action: This junction was addressed during the Vacuum SWD System Abandonment. An investigation was conducted at the former junction box site using an air-rotary drilling rig to collect soil samples at regular intervals. Chloride field tests were performed on each sample which yielded low concentrations similar to that of the background sample. 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. Laboratory analysis confirmed low concentrations of each. The entire bore hole was backfilled with bentonite to the ground surface. Clean, imported soil was used to contour the site to the surrounding area. On 6/25/2009, 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) tests, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Jordan Woodfin SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 11-6-09

Vacuum Jct. E-8

Unit E, Section 8, T18S, R35E



drilling SB #1 at the former junction box

6/18/2009



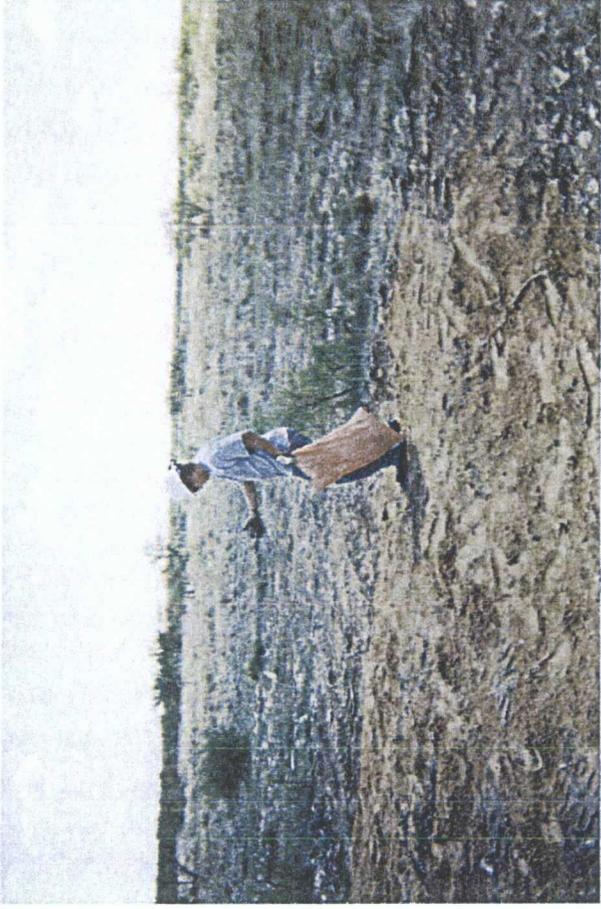
plugging SB #1 with bentonite

6/18/2009



backfilling the former junction box site, facing northwest

6/25/2009



seeding backfilled site, facing east

6/25/2009



ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: DARNELL MITCHELL
 122 W. TAYLOR
 HOBBS, NM 88240

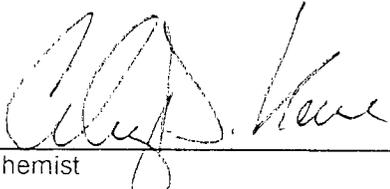
Receiving Date: 06/19/09
 Reporting Date: 06/22/09
 Project Number: NOT GIVEN
 Project Name: SB#1 @ 8'
 Project Location: VACUUM E-8

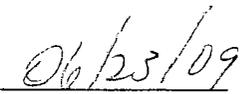
COPY

Sampling Date: 06/18/09
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		06/20/09	06/20/09	06/19/09
H17673-1	SB #1 @ 8'	<10.0	<10.0	64
Quality Control		514	551	500
True Value QC		500	500	500
% Recovery		103	110	100
Relative Percent Difference		4.0	5.7	<0.1

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


 Chemist


 Date

H17673 TCL RICE

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CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

BILL TO		ANALYSIS REQUEST									
P.O. #:		Company: SAME		PRESERV		SAMPLING		DATE		TIME	
Address:		City:		State:		Zip:		ACID/BASE		OTHER:	
Phone #:		Project #:		MATRIX		WASTEWATER		SOIL		SLUDGE	
Project Name:		Project Owner:		GROUNDWATER		OIL		OTHER:		ICE/COOL	
Site Location:		Project #:		# CONTAINERS		(G)FAB OR (C)OMP		OTHER:		OTHER:	
Sampler Name:		Project #:		SOIL		✓		✓		6-18-89 9:02	
Lab I.D.		Sample I.D.		WASTEWATER		✓		✓		✓	
H17673-1		SBF1 @ 5		GROUNDWATER		✓		✓		✓	
SBF1 @ 8		SBF1 @ 5		OIL		✓		✓		✓	
Darnell Mitchell		Darnell Mitchell		SLUDGE		✓		✓		✓	
123 W. Taylor		123 W. Taylor		OTHER:		✓		✓		✓	
State: NM		State: NM		ACID/BASE		✓		✓		✓	
Zip: 88240		Zip: 88240		OTHER:		✓		✓		✓	
Fax #: 393-1471		Fax #: 393-1471		ICE/COOL		✓		✓		✓	
Phone #: 393-2326		Phone #: 393-2326		OTHER:		✓		✓		✓	
Rice operating		Rice operating		OTHER:		✓		✓		✓	
Darnell Mitchell		Darnell Mitchell		ICE/COOL		✓		✓		✓	
123 W. Taylor		123 W. Taylor		OTHER:		✓		✓		✓	
State: NM		State: NM		ACID/BASE		✓		✓		✓	
Zip: 88240		Zip: 88240		OTHER:		✓		✓		✓	
Fax #: 393-1471		Fax #: 393-1471		ICE/COOL		✓		✓		✓	
Phone #: 393-2326		Phone #: 393-2326		OTHER:		✓		✓		✓	
Rice operating		Rice operating		ACID/BASE		✓		✓		✓	
Darnell Mitchell		Darnell Mitchell		OTHER:		✓		✓		✓	
123 W. Taylor		123 W. Taylor		ICE/COOL		✓		✓		✓	
State: NM		State: NM		OTHER:		✓		✓		✓	
Zip: 88240		Zip: 88240		ACID/BASE		✓		✓		✓	
Fax #: 393-1471		Fax #: 393-1471		OTHER:		✓		✓		✓	
Phone #: 393-2326		Phone #: 393-2326		ICE/COOL		✓		✓		✓	

COPY

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Received By: _____ Date: _____ Time: _____

Received By: Darnell Mitchell Date: 6/19/89 Time: 1:23pm

Delivered By: (Circle One) Bruce Baker

Sampler - UPS - Bus - Other

Phone Result: No Add'l Phone #:

Fax Result: No Add'l Fax #:

REMARKS: RESULTS B. Baker @ Rice Sub .COM

J PURUS @ Rice Sub .COM

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (575) 393-9174 FAX: (575) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>3604</u>	EXPIRATION DATE: <u>10-9-10</u>
FILL DATE: <u>4-9-09</u>	METER READING ACCURACY: <u>100</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>Vacuum</u>	<u>E-8</u>	<u>E</u>	<u>8</u>	<u>185</u>	<u>35E</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>4'</u>	<u>0.1</u>	<u>Background</u>	<u>0</u>
<u>5'</u>	<u>0.1</u>	<u>6"</u>	
<u>6'</u>	<u>0</u>		
<u>7'</u>	<u>0.1</u>		
<u>8'</u>	<u>0.1</u>		

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

SIGNATURE: Jordan Woodh

DATE: 6-13-09

CHLORIDE CONCENTRATION CURVE

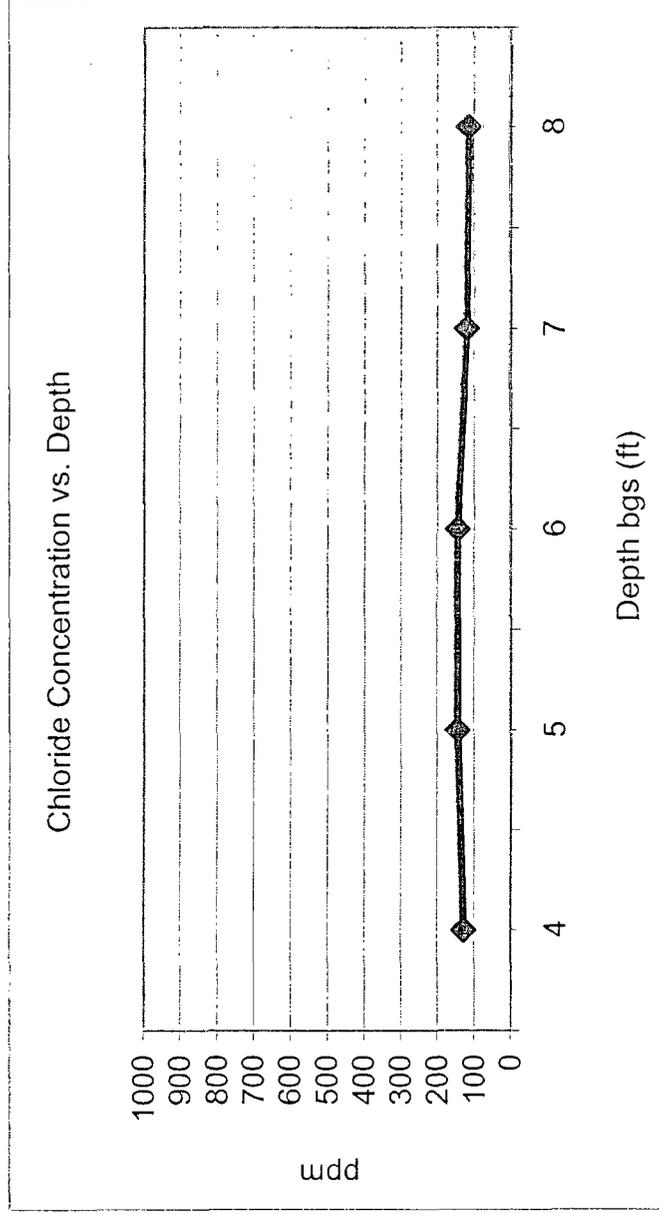
RICE Operating Company

Vacuum Jct. E-8

Unit 'E', Sec. 8, T18S, R35E

Soil Boring samples at the junction (source)

Depth bgs (ft)	Cl ⁻ ppm
4	128
5	145
6	144
7	118
8	113



Groundwater = 89 ft