

1R - 425-78

**REPORTS**

**DATE:**

11-13-09

1R425-78

Vacuum Jct A-7  
2009

RECEIVED

APR - 6 2010  
Environmental Bureau  
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

RECEIVED

APD - 6 2010

Environmental Bureau  
Oil Conservation Division

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Vacuum	Jct. A-7	A	7	18S	35E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 102 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 6 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 6' GRAB	0.0	<10.0	<10.0	16

LOCATION	DEPTH	mg/kg
background	6"	145
vertical delineation at the junction (source)	2'	289
	3'	150
	4'	151
	5'	143
	6'	142

**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 a air-rotary drilling rig to collect soil samples at regular intervals. Chloride field tests were performed on each sample which yielded low concentrations. Organic vapors were measured using a PID which also yielded low concentrations. The deepest sample, 6 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH. Lab analysis confirmed low concentrations 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 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 *Jordan Woodfin* COMPANY RICE OPERATING COMPANY

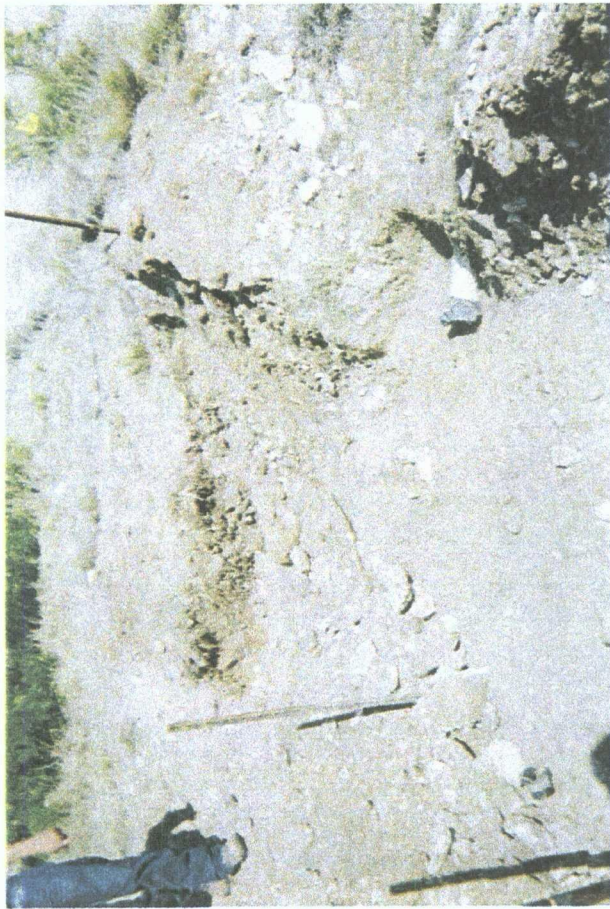
REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 11-13-09



# Vacuum Jct. A-7

Unit A, Section 7, T18S, R35E



former junction box location

6/18/2009



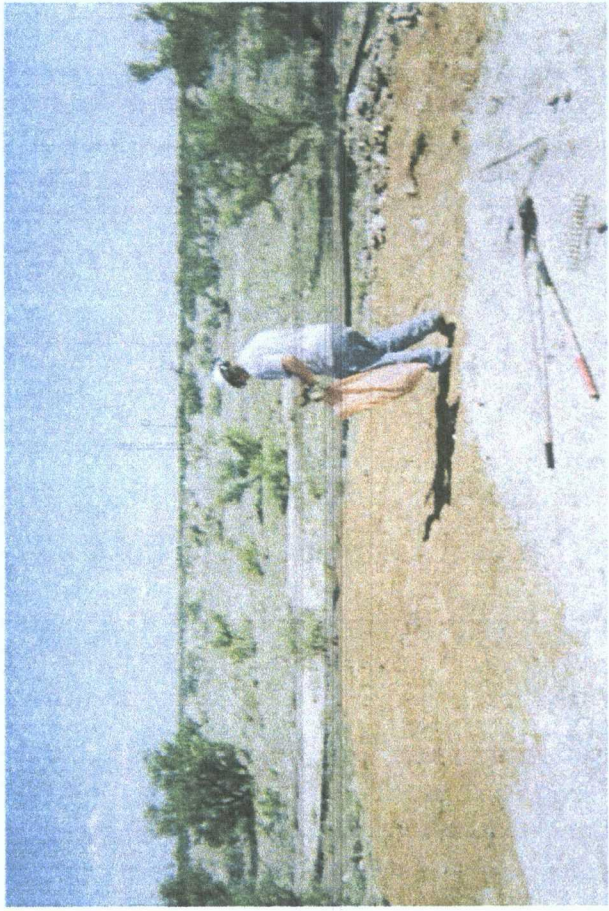
drilling SB #1 at the former junction box location

6/18/2009



plugging SB #1 with bentonite

6/18/2009



seeding backfilled site

6/25/2009





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

Receiving Date: 06/19/09  
Reporting Date: 06/22/09  
Project Number: NOT GIVEN  
Project Name: VACUUM JCT A-7  
Project Location: VACUUM JCT A-7

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 <sub>8</sub> -C <sub>10</sub> ) (mg/kg)	DRO (C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
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ANALYSIS DATE	06/20/09	06/20/09	06/19/09
H17670-1 SB #1 @ 6FT	<10.0	<10.0	16
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

H17670 TCL RICE

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**ARDINAL LABORATORIES**

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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

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

# RICE OPERATING COMPANY

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

COPY

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 3004	EXPIRATION DATE: 10-9-10
FILL DATE: 4-9-09	METER READING ACCURACY: 100

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Vacuum	A-7	A	7	185	35E

SAMPLE ID	PID	SAMPLE ID	PID
2'	0.1	Background	
3'	0	6"	0
4'	0		
5'	0		
6'	0		

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

SIGNATURE

*Jordan Wood*

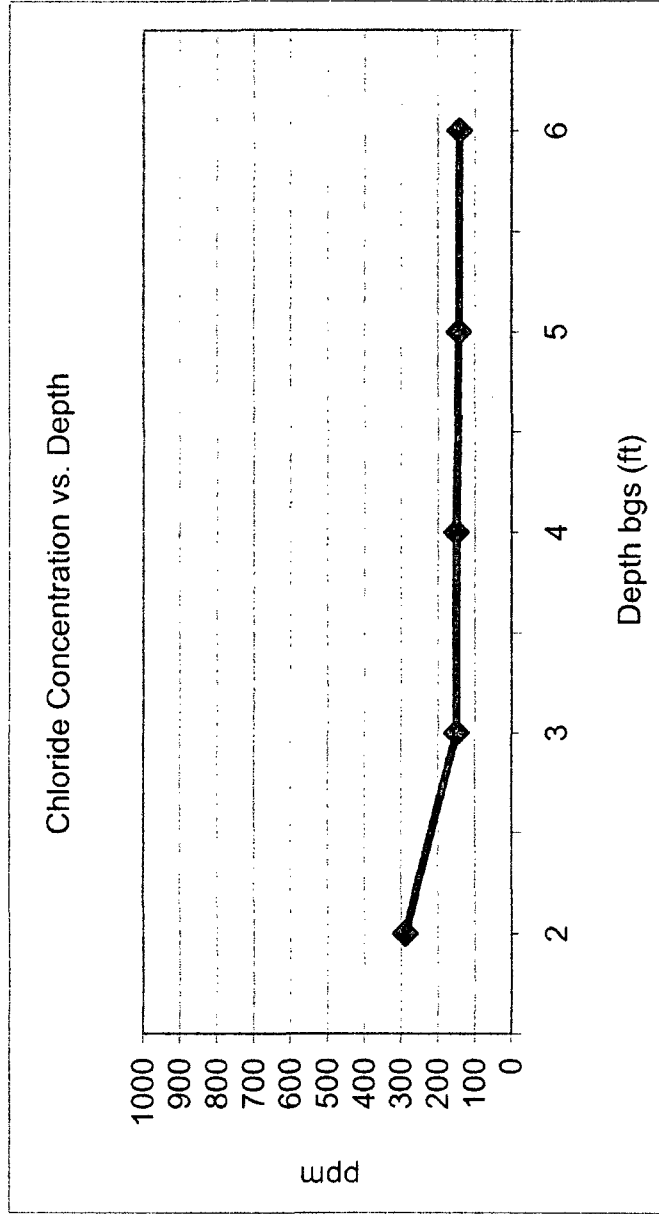
DATE: 6-18-09

# Vacuum Jct. A-7

Unit 'A', Sec. 7, T18S, R35E

Soil Boring samples at the junction (source)

Depth bgs (ft)	Cl <sup>-</sup> ppm
2	289
3	150
4	151
5	143
6	142



Groundwater = 102 ft