

1R - 425-92

REPORTS

DATE:

2-3-11

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1R425-92

**Vacuum B-5-2 EOL**

**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		
							Length	Width	Depth
Vacuum	B-5-2 EOL	B	5	18S	35E	Lea	Eliminated		

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

Depth to Groundwater 66' feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/21/2010 Date Completed 6/21/2010 OCD Witness No

Soil Excavated 2.8 cubic yards Excavation Length 5 Width 3 Depth 5 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 6/21/2010 Sample Depth 5 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 @ 5'	4.7	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	87
vertical delineation trench at the junction (source)	1'	85
	2'	56
	3'	88
	4'	89
	5'	59

**General Description of Remedial Action:** This junction box was addressed during the Vacuum SWD System abandonment. After the former junction box was removed an investigation was conducted using a backhoe to collect soil sample at regular intervals creating a 3x5x5-ft deep excavation. Each sample was field tested for chlorides and organic vapors which yielded low concentrations similar to that of the background sample.

The deepest sample, 5 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 6/21/2010, 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 Gerardo Martinez SIGNATURE Gerardo Martinez COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL ZC

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-3-11

# Vacuum B-5-2 EOL

Unit B, Section 5, T18S, R35E



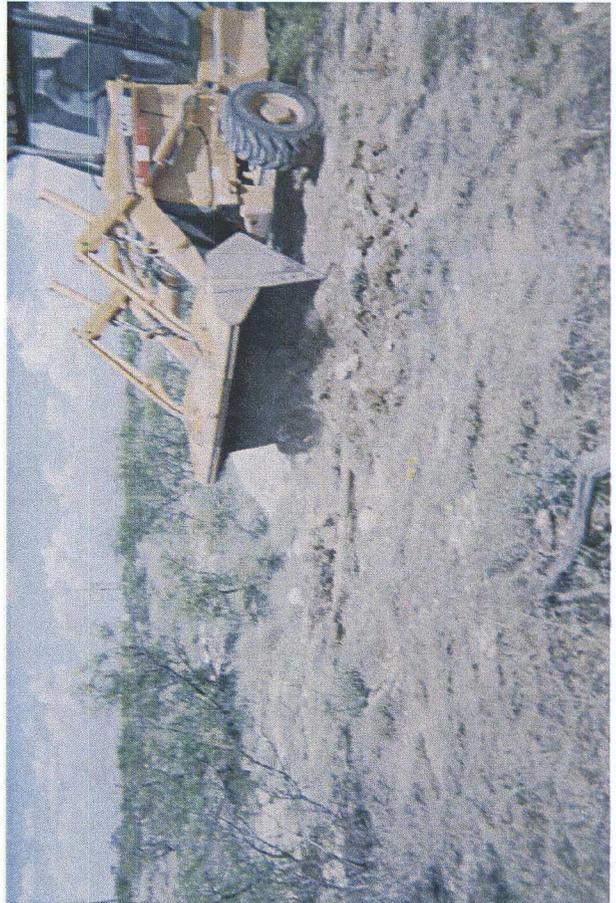
Site prior to delineation

6/21/2010



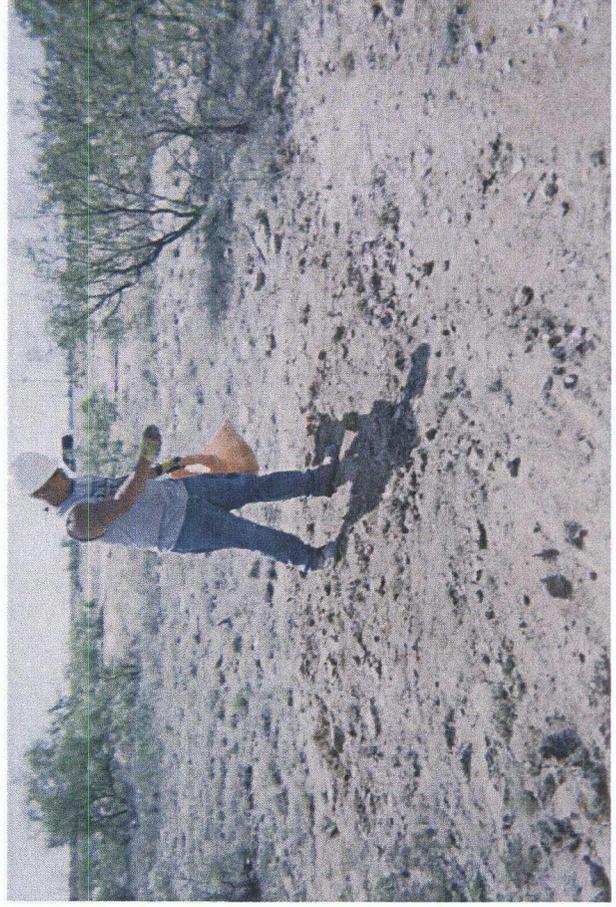
Collecting sample

6/21/2010



Backfilling excavation

6/21/2010



Seeding excavation

6/21/2010



ANALYTICAL RESULTS FOR  
 RICE OPERATING COMPANY  
 ATTN: BRUCE BAKER  
 112 W. TAYLOR  
 HOBBS, NM 88240

Receiving Date: 06/21/10  
 Reporting Date: 06/24/10  
 Project Number: NOT GIVEN  
 Project Name: VACUUM B-5-2 EOL (18/35)  
 Project Location: VACUUM B-5-2 EOL (18/35)

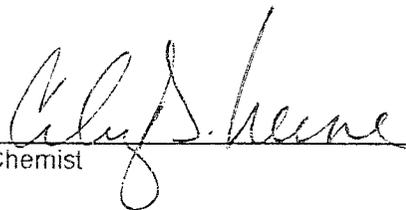
Sampling Date: 06/21/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: AB/HM

	GRO	DRO	
	(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	Cl*
LAB NUMBE SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	06/24/10	06/24/10	06/22/10
H20170-1 SOURCE @ 5'	<10.0	<10.0	< 16
Quality Control	448	531	500
True Value QC	500	500	500
% Recovery	89.6	106	100
Relative Percent Difference	0.6	0.5	< 0.1

COPY

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

  
 Chemist

  
 Date

H20170 TCL RICE

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# RICE OPERATING COMPANY

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

Check Model Number:


Model: PGM 7300    Serial No: 590-000183  
 Model: PGM 7300    Serial No: 590-000508  
 Model: PGM 7300    Serial No: 590-000504


Model: PGM 7600    Serial No: 110-023920  
 Model: PGM 7600    Serial No: 110-013744  
 Model: PGM 7600    Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>930132</i>	EXPIRATION DATE: <i>9-28-2013</i>
FILL DATE:	METER READING ACCURACY: <i>100 PPM</i>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>Vacuum</i>	<i>B-5-2 202</i>	<i>B</i>	<i>5</i>	<i>18</i>	<i>35</i>

SAMPLE ID	PID	SAMPLE ID	PID
<i>Back ground</i>	<i>2</i>		
<i>Initial source @ 1'</i>	<i>473.6</i>		
<i>2'</i>	<i>635.6</i>		
<i>3'</i>	<i>15</i>		
<i>4'</i>	<i>9.4</i>		
<i>5'</i>	<i>4.7</i>		

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

SIGNATURE: *Gerardo Martinez*

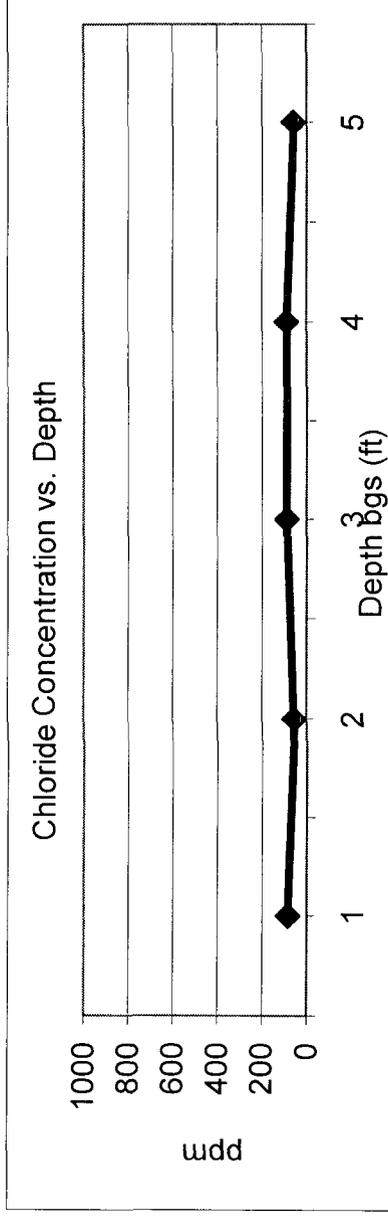
DATE: *6-21-10*

# Vacuum B-5-2 EOL

Unit 'B', Sec. 5, T18S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
1	85
2	56
3	88
4	89
5	59



Groundwater = 66 ft