

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 DivisionRICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

## BOX LOCATION

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

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_Depth to Groundwater 89 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10Date Started 6/18/2009 Date Completed 6/18/2009 OCD Witness noSoil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL 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 a 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.

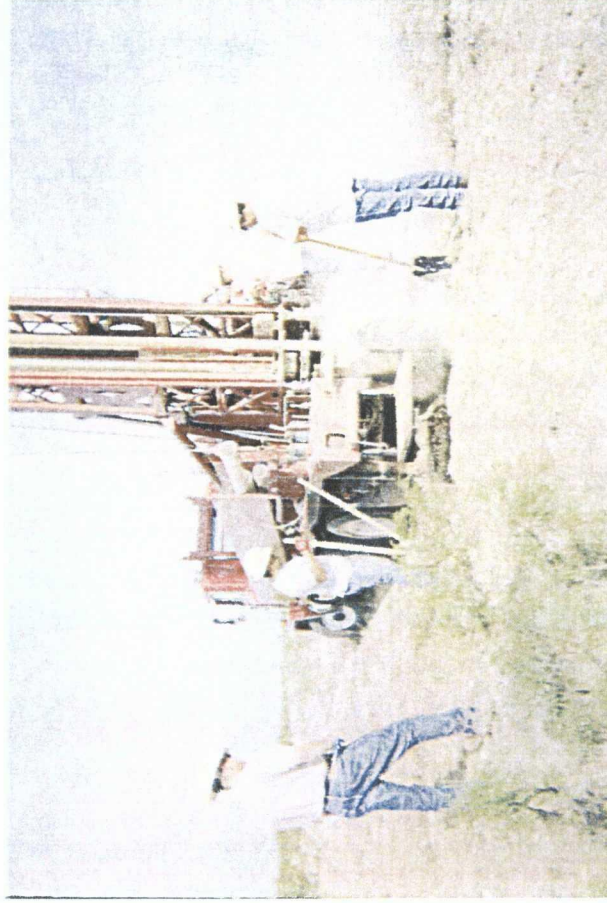
enclosures: photos, lab results, PID (field) tests, chloride curve

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE Jordan Woodfin COMPANY RICE OPERATING COMPANYREPORT ASSEMBLED BY Katie Jones INITIAL KJPROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. 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



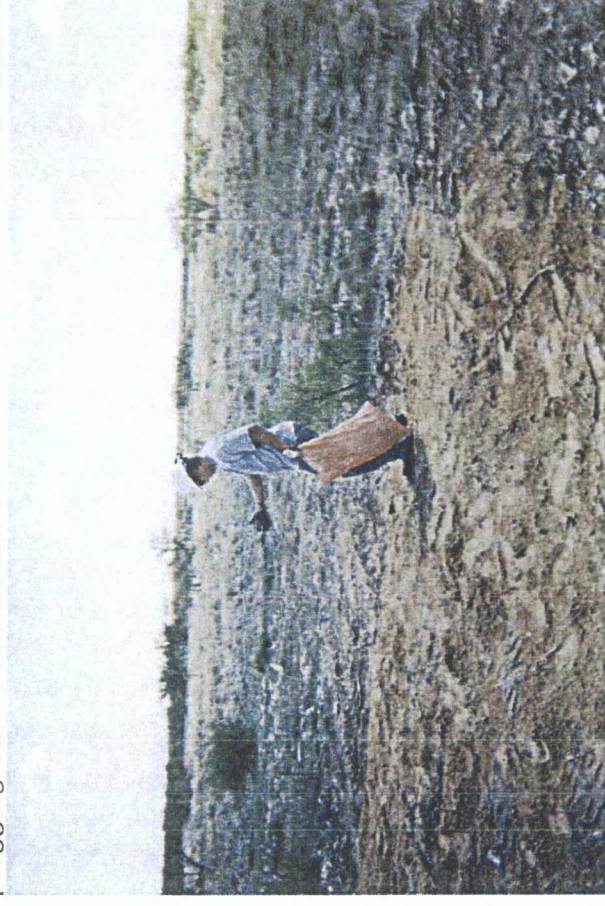
plugging SB #1 with bentonite

6/18/2009



backfilling the former junction box site, facing northwest

6/25/2009



seeding backfilled site, facing east

6/25/2009



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

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

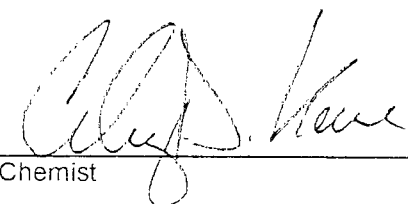
Sampling Date: 06/18/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

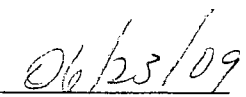
LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
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ANALYSIS DATE	06/20/09	06/20/09	06/19/09
H17673-1 SB #1 @ 8'	<10.0	<10.0	64
Quality Control	514	551	500
True Value QC	500	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.

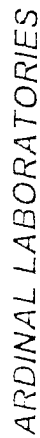
  
Chemist

  
Date

H17673 TCL RICE

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

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

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

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Vacuum	E-8	E	8	185	35E

SAMPLE ID	PID	SAMPLE ID	PID
4'	0.1	Background	0
5'	0.1	6"	
6'	0		
7'	0.1		
8'	0.1		

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

SIGNATURE: *Jordan Woodruff*

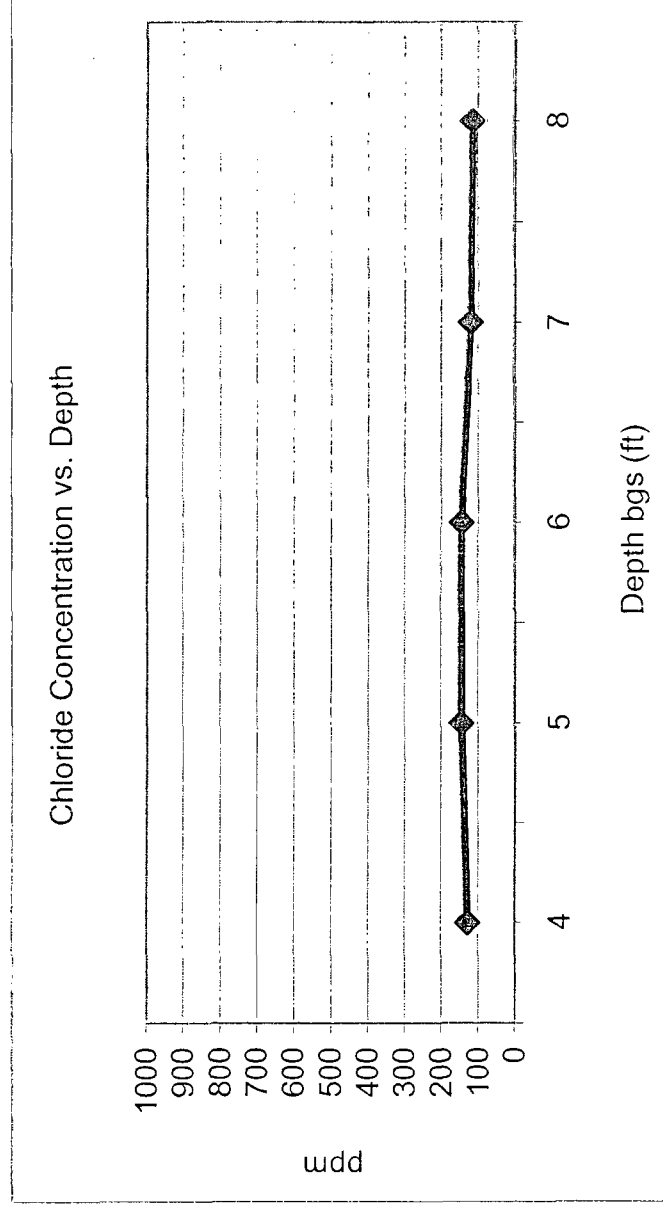
DATE: 6-13-09

# 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