

1R - 425-96

**REPORTS**

**DATE:**

3-22-11

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1R425-96

**Vacuum Jct. C-27**

**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		
Vacuum	Jct. C-27	C	27	17S	35E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 54' feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 3/19/2010 Date Completed 3/19/2010 OCD Witness No

Soil Excavated 3.3 cubic yards Excavation Length 5 Width 3 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/19/2010 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
SOURCE @ 6'	1.2	<10.0	<10.0	16

LOCATION	DEPTH	mg/kg
background	6"	146
vertical delineation trench at the junction (source)	2'	149
	3'	148
	4'	150
	5'	150
	6'	146

**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 5x3x6-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, 6 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 3/03/2011, 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 Jordan Woodfin SIGNATURE *Jordan Woodfin* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 3-22-11



Unit C, Section 27, T17S, R35E

# Vacuum Jct. C-27



3/19/2010

Site prior to delineation



3/19/2010

Collecting sample



3/19/2010

Backfilling excavation



3/03/2010

Seeding excavation





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

COPY

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

Receiving Date: 03/19/10  
Reporting Date: 03/23/10  
Project Number: NOT GIVEN  
Project Name: VACUUM JCT C-27 (17/35)  
Project Location: VACUUM JCT C-27 (17/35)

Sampling Date: 03/19/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/SJ

LAB NUMBER SAMPLE ID

GRO DRO  
(C<sub>6</sub>-C<sub>10</sub>) (>C<sub>10</sub>-C<sub>28</sub>) Cl\*  
(mg/kg) (mg/kg) (mg/kg)

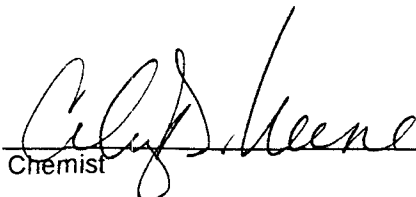
ANALYSIS DATE	03/22/10	03/22/10	03/22/10
H19496-1** SOURCE BTM GRAB @ 6FT.	<10.0	<10.0	16
Quality Control	526	560	490
True Value QC	500	500	500
% Recovery	105	112	98.0
Relative Percent Difference	0.6	4.7	2.1

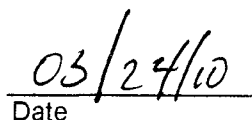
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl\*: Std. Methods 4500-Cl\*B

\*Analysis performed on a 1:4 w:v aqueous extract.

Reported on wet weight.

\*\*One or more TPH surrogates outside historical limits due to matrix interference.

  
Chemist

  
Date

H19496 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

COPY

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: 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Vacuum	C-27	C	27	175	35E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
2'	2.6	6"	0
3'	1.4		
4'	1.6		
5'	1.8		
6'	1.2		

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

SIGNATURE:

*Jordan Wolff*

DATE: 3-19-12

# Vacuum Jct. C-27

Unit 'C', Sec. 27, T17S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2	149
3	148
4	150
5	150
6	146

Groundwater = 54 ft

