

1R - 425-41

**REPORTS**

**DATE:**

3-31-08

Vac Oxy Permian 'N' EOL

1R 425-41

CLOSURE

3-31-08

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
Vacuum	Oxy Permian 'N' EOL	B	28	17S	38E	Lea	no box; System abandonment		

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

Depth to Groundwater  70  feet NMOCD SITE ASSESSMENT RANKING SCORE:  10

Date Started  8/23/2007  Date Completed  8/31/2007  NMOCD Witness  no

Soil Excavated  6  cubic yards Excavation Length  9  Width  3  Depth  6  feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date  8/23/2007  Sample Depth  6 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

**CHLORIDE FIELD TESTS**

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
backhoe grab 6 ft below junction	8.4	<10.0	<10.0	288

LOCATION	DEPTH (ft)	ppm
delineation trench at former junction site	3	255
	4	264
	5	320
	6	261

**General Description of Remedial Action:**

This junction box located within a production facility site was addressed as part of the

Vacuum SWD System abandonment. After the box was removed and the site was cleared of NORM contamination, a delineation trench was made at the former junction site using a backhoe to collect samples to 6 ft BGS. Chloride field tests performed on the samples yielded very low concentrations. Organic vapors were measured using a PID and also yielded very low concentrations in each sample. The deepest (6 ft) sample was sent to a certified laboratory for confirmation. TPH levels were not present within the laboratory's detection limits, meeting NMOCD guidelines. The trench was backfilled and the remaining hole from the box was filled with clean, imported soil and contoured to the surrounding terrain.

enclosures: photos, lab results, PID field screenings

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

SITE SUPERVISOR  Roy Rascon  SIGNATURE  Roy L. Rascon  COMPANY  RICE Operating Company

REPORT ASSEMBLED BY  Kristin Farris Pope  SIGNATURE  Kristin Farris Pope

DATE  10/23/2007  TITLE  Project Scientist

# Vacuum Oxy Permian 'N' EOL

Unit B, Section 28, T17S, R35E



Stake at former box location

8/7/2007



delineation trench 6 ft deep

8/24/2007



site backfilled with 12 yds<sup>3</sup> imported fill

8/31/2007



**ARDINAL  
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: ROY R. RASCON  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (505) 397-1471

**COPY**

Receiving Date: 08/24/07  
Reporting Date: 08/29/07  
Project Number: NOT GIVEN  
Project Name: VAC OXY PERMIAN "N" EOL  
Project Location: NOT GIVEN

Sampling Date: 08/23/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: KS  
Analyzed By: BC/KS

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		08/28/07	08/28/07	08/27/07
H13168-1	VERT. @ SOURCE @ 6' BGS	<10.0	<10.0	288
Quality Control		776	767	500
True Value QC		800	800	500
% Recovery		97.0	95.8	100
Relative Percent Difference		1.6	0.4	<0.1

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

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

**RECEIVED**

SEP 4 2007

RICE OPERATING  
HOBBS NM

*Bryanna Cooke*  
Chemist

*8/29/07*  
Date

H13168 RICE

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# RICE OPERATING COMPANY

PHONE: (505) 393-9174 FAX: (505) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	<b>X</b>
MODEL	
NO.	

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-012383
MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3264	EXPIRATION DATE: 1-18-07
FILL DATE: 7-18-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<b>VAC</b>	<b>OXY PERMIAN "N" EOL</b>	<b>B</b>	<b>28</b>	<b>17S</b>	<b>35E</b>

SAMPLE ID	PID	SAMPLE ID	PID
VERT. @ SOURCE @ 1'			
2'	0.4		
3'	0		
4'	0		
5'	3.2		
6'	8.4		
7'			
8'			
9'			
10'			
11'			
12'			

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

SIGNATURE: *Ray R. RASCOM*

DATE: 8-23-07