

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		
Vacuum	Oxy Permian 'N' EOL	B	28	17S	38E	Lea	Length	Width	Depth
							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 yds³ imported fill

8/31/2007



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	DRO	Cl*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(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

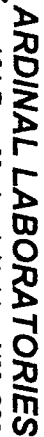
Chemist

Date

8/29/07

H13168 RICE

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

RICE OPERATING COMPANY

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

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012383
	<input type="checkbox"/>	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
VAC	OXY PERMIAN "N" EOL	B	28	17S	35E

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. RASCON

DATE: 8-23-07