

1R - 425-94

REPORTS

DATE:

1-28-11

1R425-94

Vacuum E-31 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		
Vacuum	E-31 EOL	E	31	17S	35E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 112 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20*

Date Started 4/27/2010 Date Completed 4/27/2010 OCD Witness no

Soil Excavated 3.9 cubic yards Excavation Length 7 Width 3 Depth 5 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 4/27/2010 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' GRAB	0.7	<10.0	<10.0	32

LOCATION	DEPTH	mg/kg
background	6"	83
vertical delineation trench at the junction (source)	1	139
	2	142
	3	110
	4	84
	5	55

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 7x3x5-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 return to the excavation to ground surface and contoured to the surrounding area. On 5/21/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*Two wells within 1320 ft.

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.

REPORT
ASSEMBLED BY Katie Jones

INITIAL KJ

COMPANY RICE OPERATING COMPANY

PROJECT LEADER Larry Bruce Baker Jr.

SIGNATURE Larry B Baker Jr.

DATE 1-28-11

Vacuum E-31 EOL

Unit E, Section 31, T17S, R35E



Site prior to delineation

4/27/2010



Collecting Sample

4/27/2010



Backfilling excavation

4/27/2010



Seeding excavation

5/21/2010



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

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

Receiving Date: 04/28/10
Reporting Date: 04/30/10
Project Number: NOT GIVEN
Project Name: VAC. E-31 EOL
Project Location: VAC. E-31 EOL

Sampling Date: 04/27/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

LAB NUMBER SAMPLE ID

GRO DRO
(C₆-C₁₀) (>C₁₀-C₂₈) CI*
(mg/kg) (mg/kg) (mg/kg)

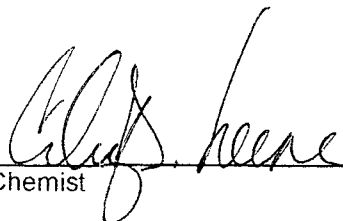
ANALYSIS DATE	04/29/10	04/29/10	04/30/10
H19769-1 SOURCE GRAB @ 5'	<10.0	<10.0	32
Quality Control	579	566	500
True Value QC	500	500	500
% Recovery	116	113	100
Relative Percent Difference	5.0	2.8	< 0.1

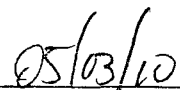
COPY

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

H19769 TCL RICE

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#26

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:

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Model: PGM 7300

Serial No: 590-000183

Model: PGM 7300

Serial No: 590-000508

Model: PGM 7300

Serial No: 590-000504

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

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: 927011	EXPIRATION DATE: 11-16-2012
FILL DATE: 11-13-09	METER READING ACCURACY: 100 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Vacuum	E-31 EOL	E	31	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
Background	1.0	Source @ 1'	0.6
		2'	1.0
		3'	1.5
		4'	1.5
		5'	0.7

COPY

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

SIGNATURE:



DATE:

4-27-10

Vacuum E-31 EOL

Unit 'E', Sec. 31, T17S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
1	139
2	142
3	110
4	84
5	55

Groundwater = 112 ft.

