

1R - 425-95

REPORTS

DATE:

9-28-10

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1R425-95

**Vacuum K-30 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		
							Length	Width	Depth
Vacuum	K-30 EOL	K	30	17S	35E	Lea	Eliminated		

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

Depth to Groundwater 88 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 4/19/2010 Date Completed 4/19/2010 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 4/19/2010 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	0.3	<10.0	<10.0	64

LOCATION	DEPTH	mg/kg
background	6"	604
vertical delineation trench at the junction (source)	1	208
	2	56
	3	85
	4	89
	5	84

**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. 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 returned 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.

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 Bruce Baker Jr. DATE 9-28-10

# Vacuum K-30 EOL

Unit K, Section 30, T17S, R35E



Site prior to delineation

4/19/2010



Collecting sample

4/19/2010



Backfilling excavation

4/20/2010



Seeding excavation

5/21/2010



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

Receiving Date: 04/20/10  
 Reporting Date: 04/22/10  
 Project Number: NOT GIVEN  
 Project Name: VAC. S.W.D. K-30 EOL (17S/35E)  
 Project Location: VAC. S.W.D. K-30 EOL (17S/35E)

Sampling Date: 04/19/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: AB/SJ

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	(mg/kg)
ANALYSIS DATE		04/22/10	04/22/10	04/20/10
H19705-1	SOURCE GRAB @ 5'	<10.0	<10.0	64
Quality Control		524	533	500
True Value QC		500	500	500
% Recovery		105	107	100
Relative Percent Difference		2.5	0.6	< 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.

**COPY**

*Alex J. Keene*  
 \_\_\_\_\_  
 Chemist

*04/23/10*  
 \_\_\_\_\_  
 Date

H19705 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

Check Model Number:

<b>X</b>	Model: PGM 7300	Serial No: 590-000183		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 : 927041	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	K-30 EOL	K	30	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
Background	1.1	Source @ 1'	0.7
		2'	0.7
		3'	0.7
		4'	0.4
		5'	0.3

COPY

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

SIGNATURE:

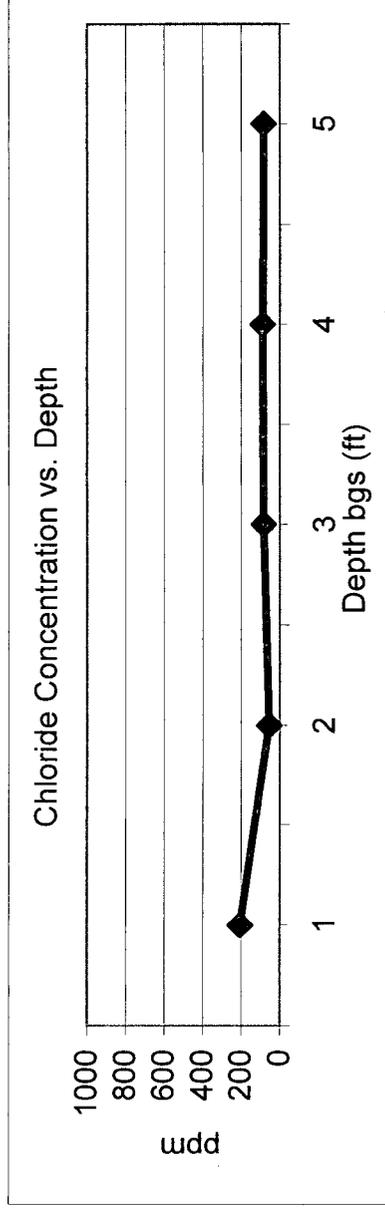
DATE: 4-19-10

# Vacuum K-30 EOL

Unit 'K', Sec. 30, T17S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
1	208
2	56
3	85
4	89
5	84



Groundwater = 88 ft