

1R - 425-53

REPORTS

DATE:

9-22-08

Vacuum Jct C-31-1

IR425-33

RECEIVED
MAR 25 2009
Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 4'	Width 4'	Depth 3'
Vacuum	Jct. C-31-1	C	31	17S	35E	Lea	no box; system abandonment		

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

Depth to Groundwater 90 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 5/27/2008 Date Completed 6/5/2008 OCD Witness no

Soil Excavated 4 cubic yards Excavation Length 5 Width 3 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/27/2008 Sample Depth 8 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	Chlorides mg/kg
SOURCE 8' GRAB	0.0	<10.0	<10.0	<16

LOCATION	DEPTH	mg/kg
background	6"	211
vertical delineation trench at junction (source)	4'	108
	5'	128
	6'	109
	7'	107
	8'	135

General Description of Remedial Action: This junction was addressed under the Vacuum SWD System abandonment. After the junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x8-ft-deep hole. Chloride field tests were performed on each sample, which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 8 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, confirming low concentrations. The excavated soil was returned to the excavation and clean soil was imported and used as a top cap and to contour to the surrounding area. On 6/5/2008, 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 screenings, chloride curve

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

SITE SUPERVISOR Roy Rascon SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 9-22-08

Vacuum Jct. C-31-1

Unit C, Section 31, T17S, R35E



junction box prior to removal, facing west

5/27/2008



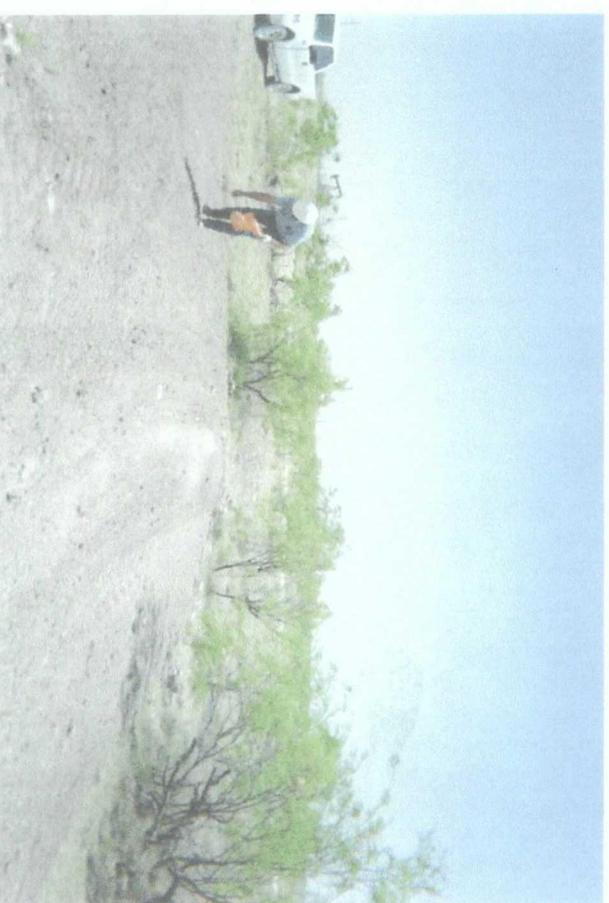
delineation trench at former junction site, facing east

5/27/2008



backfilled site, facing west

6/5/2008



seeding backfilled site, facing south

6/5/2008



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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

Receiving Date: 05/28/08
Reporting Date: 05/29/08
Project Owner: NOT GIVEN
Project Name: VAC JCT. C-31-1
Project Location: NOT GIVEN

Sampling Date: 05/27/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: CK/AB/KS

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		05/28/08	05/28/08	05/28/08
H14877-1	VERT @ SOURCE @ 8' BGS	<10.0	<10.0	<16
Quality Control		540	501	510
True Value QC		500	500	500
% Recovery		108	100	102
Relative Percent Difference		11.4	4.3	<0.1

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.

RECEIVED

JUN 02 2008

RICE OPERATING
HOBBS, NM

Chemist

05/29/08

Date

H14877TCL RICE

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
PID METER CALIBRATION & FIELD REPORT FORM

COPY

MODEL: PGM 7600 SERIAL # 110-013744

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 5-16-08
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	C-31-1	C	31	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
1'			
2'			
3'			
4'	0		
5'	0		
6'	0		
7'	0		
8'	0		

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

SIGNATURE:

Ray R. Rason

DATE: 5-27-08

CHLORIDE CONCENTRATION CURVE

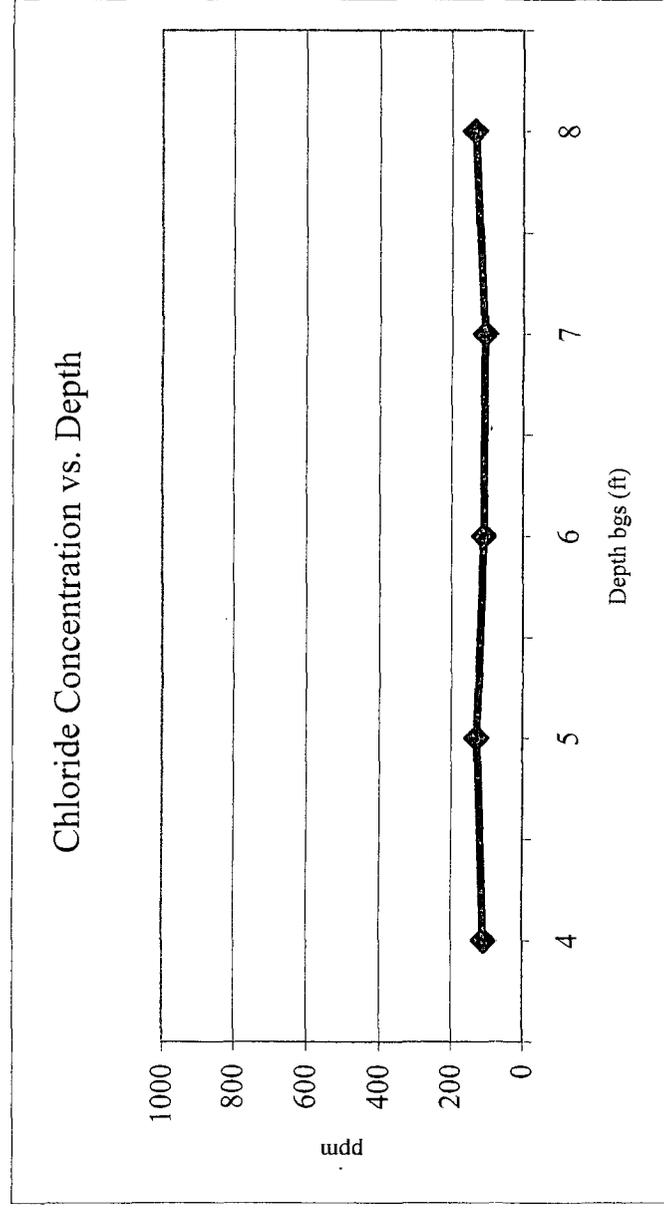
RICE Operating Company

Vacuum Jct. C-31-1

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

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	108
5	128
6	109
7	107
8	135



Groundwater = 90 ft