

1R - 425-61

REPORTS

DATE:

10-13-2008

Vacuum F-32 Vent Boot

14

1R425-61

RECEIVED
MAY 25 1989
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	Width	Depth
Vacuum	vent F-32 boot	F	32	17S	35E	Lea	no box; system abandonment		

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

Depth to Groundwater 80 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 2/28/2008 Date Completed 3/19/2008 OCD Witness no

Soil Excavated 8 cubic yards Excavation Length 5 Width 3 Depth 14 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/27/2008 Sample Depth 14 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 14' GRAB	3.2	<10.0	<10.0	224

LOCATION	DEPTH	mg/kg
background	6"	131
delineation trench at the former junction (source)	7'	142
	8'	223
	9'	357
	10'	302
	11'	1496
	12'	280
	13'	370
	14'	233

General Description of Remedial Action: This junction was addressed under the Vacuum SWD System abandonment. After this junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x14-ft-deep hole. Chloride field tests were performed on each sample, yielding low concentrations. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 14 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 and clean soil was imported to top cap the site and to contour to the surrounding area. On 3/20/2008, 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 10-13-08

Vacuum vent F-32 boot

Unit F, Section 32, T17S, R35E



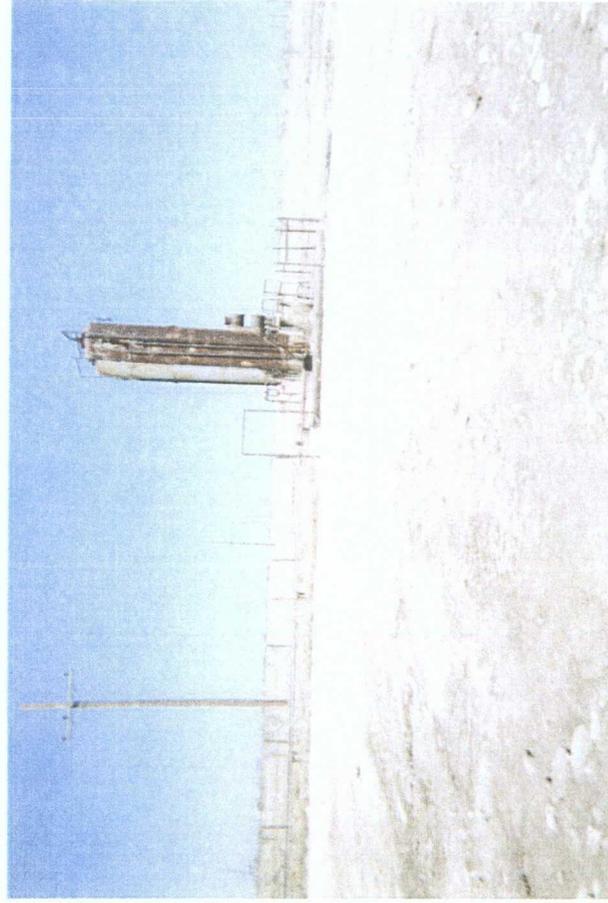
undisturbed junction box, facing north

10/19/2005



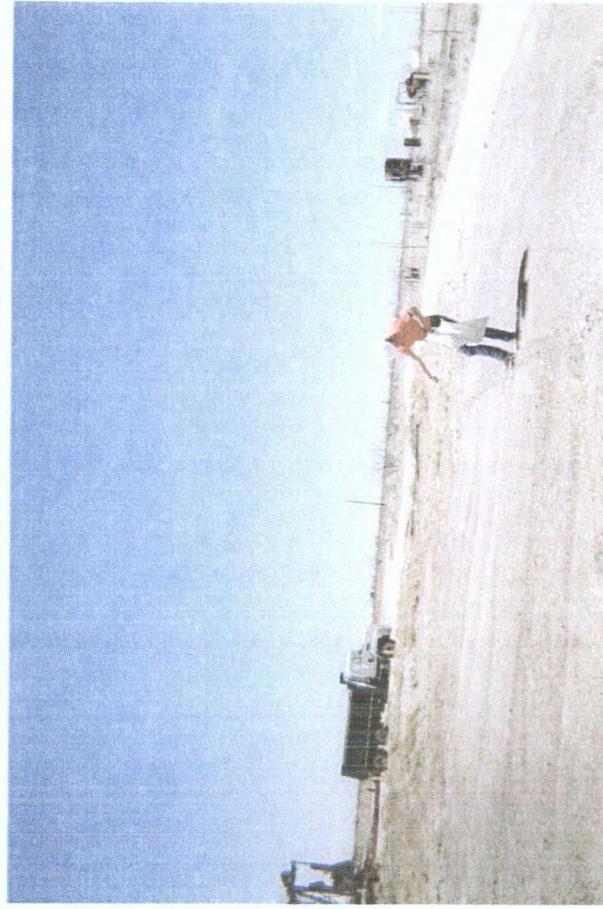
delineation trench at former junction site

2/28/2008



backfilled site, facing north

3/19/2008



seeding backfilled site, facing west

3/20/2008



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

COPY

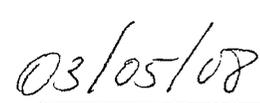
Receiving Date: 03/03/08
 Reporting Date: 03/04/08
 Project Owner: NOT GIVEN
 Project Name: VAC. VENT F-32 BOOT
 Project Location: NOT GIVEN

Sampling Date: 02/27/08
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: NF
 Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		03/03/08	03/03/08	03/03/08
H14360-1	SOURCE @ 14' BGS, GRAB	<10.0	<10.0	224
Quality Control		547	509	510
True Value QC		500	500	500
% Recovery		109	102	102
Relative Percent Difference		4.6	6.2	4.0

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.


 Chemist


 Date

H14360TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results shall be void if not received in full with written approval of Cardinal Laboratories.

RICE OPERATING COMPANY

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

COPY

CK.	
MODEL	X
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 : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	VENT F-32 BOOT	F	32	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
VERT @ SOURCE @ 1'			
2'			
3'			
4'			
5'			
6'			
7'	8.1		
8'	6.6		
9'	6.2		
10'	5.9		
11'	5.7		
12'	4.3		
13'	4		
14'	3.2		

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

SIGNATURE: *Loy R. Rascon*

DATE: 2-28-08

CHLORIDE CONCENTRATION CURVE

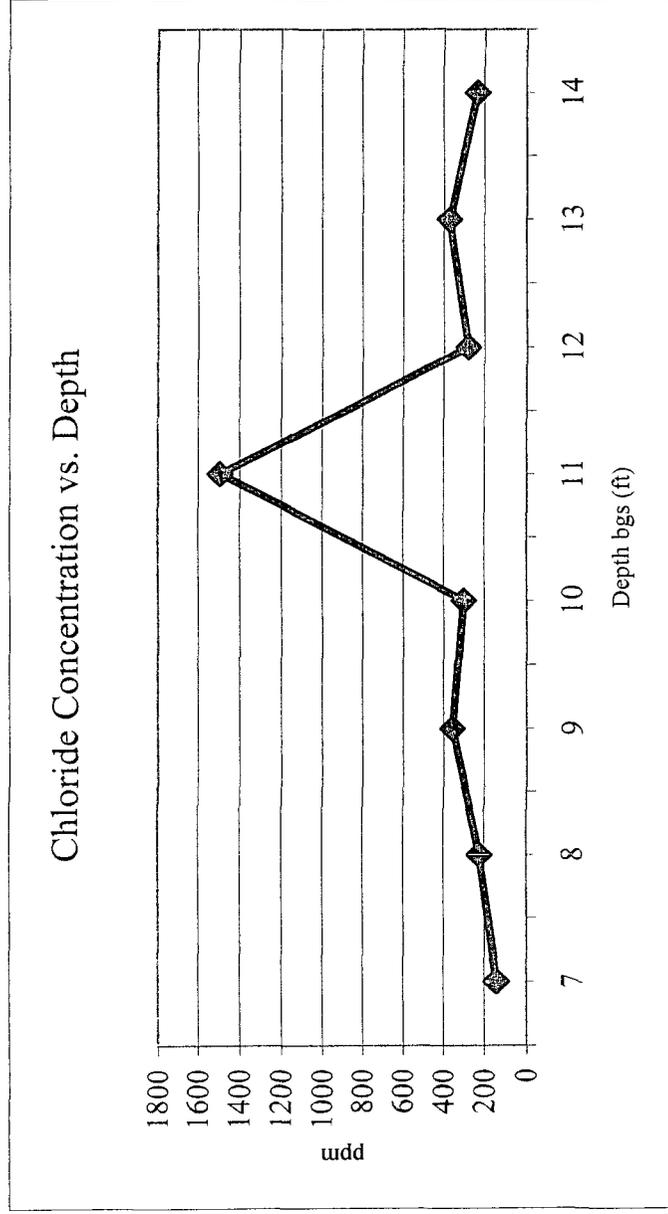
RICE Operating Company

Vacuum vent F-32 boot

Unit 'F', Sec. 32, T17S, R35E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
7	142
8	223
9	357
10	302
11	1496
12	280
13	370
14	233



Groundwater = 80 ft