

1R - 425-42

REPORTS

DATE:

3-31-08

VacJct P-27

1R425-42

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		
							Length	Width	Depth
Vacuum	jct. P-27	P	27	17S	35ED	Lea	no box; System abandonment		

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

Depth to Groundwater 85 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 8/17/2007 Date Completed 8/29/2007 NMOCD Witness no

Soil Excavated 9 cubic yards Excavation Length 9 Width 3 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 8/20/2007 Sample Depth 9 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
GRAB @ 9 ft BGS	33.5	<10.0	500.0	240

LOCATION	DEPTH (ft)	ppm
trench at former junction	9	367

General Description of Remedial Action:

This junction box was addressed as part of the Vacuum SWD System abandonment. After the box lumber was removed and the pipelines were capped, a delineation trench was made at the site to collect soil samples. Excavation was difficult due to hard caliche rock but the trench was extended to 9 ft BGS. Chloride field tests were conducted on the samples and yielded very low concentrations. Organic vapors were measured and also yielded very low concentrations. The grab samples from the deepest part of the trench (9 ft) was sent to a laboratory for confirmation and TPH analysis. TPH results meet NMOCD guidelines. The excavated soil was returned to the trench and the remainder of the hole (from removal of the junction box) was backfilled with clean, imported soil which was also spread on the surface to encourage regrowth. The surface was seeded with a blend of native vegetation on 8/29/2007 and is expected to return to productive capacity at a normal rate.

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 Rascon* COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*
DATE 11/1/2007 TITLE Project Scientist

Vacuum jct. P-27

Unit P, Sec. 27, T17S, R35E



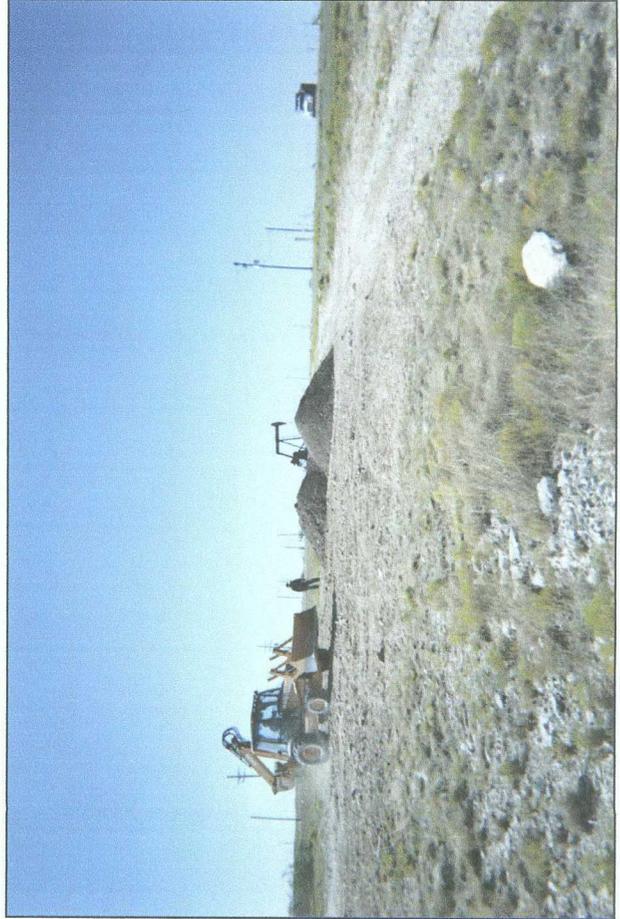
undisturbed junction box

8/22/2005



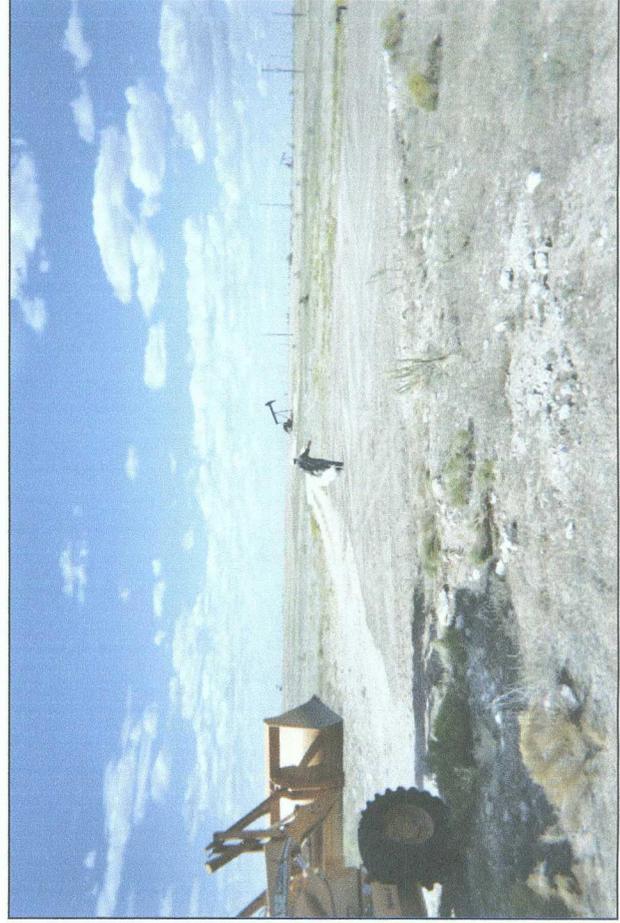
9-ft delineation trench prior to backfill

8/21/2007



spreading imported soil

8/29/2007



seeding

8/29/2007



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

RECEIVED

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

AUG 27 2007

RICE OPERATING
HOBBS NM

Receiving Date: 08/20/07
Reporting Date: 08/23/07
Project Number: NOT GIVEN
Project Name: VAC JCT P-27
Project Location: NOT GIVEN

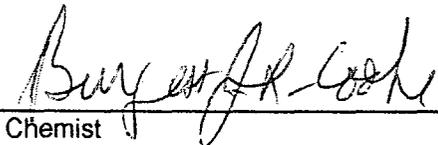
Sampling Date: 08/20/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC/HM

COPY

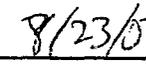
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		08/21/07	08/21/07	08/21/07
H13137-1	SOURCE @ 9' BGS GRAB	<10.0	500	240
Quality Control		791	789	500
True Value QC		800	800	500
% Recovery		98.8	98.6	100
Relative Percent Difference		4.4	3.6	2.0

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

H13137 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.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	
MODEL	
NO.	X

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 : 06-3079	EXPIRATION DATE: 3/6-07
FILL DATE: 3-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	P-27	P	27	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
VERT @ SOURCE @1'			
2'			
3'			
4'			
5'			
6'			
7'	34.9		
8'	35		
9'	33.5		
10'			
11'			
12'			

COPY

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

SIGNATURE: *Roy R. RASCOM*

DATE: 8-20-07