

1R - 425-97

REPORTS

DATE:

3-17-11

1R425-97

Vacuum E-25 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	E-25 EOL	E	25	17S	35E	Lea	Eliminated		

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

Depth to Groundwater 43 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 4/26/2010 Date Completed 4/26/2010 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 4/26/2010 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	0.8	<10.0	<10.0	48

LOCATION	DEPTH	mg/kg
background	6"	142
vertical delineation trench at the junction (source)	1'	82
	2'	110
	3'	85
	4'	84
	5'	85

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 a 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 returned to the excavation to ground surface and contoured to the surrounding area. On 3/03/2011, 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

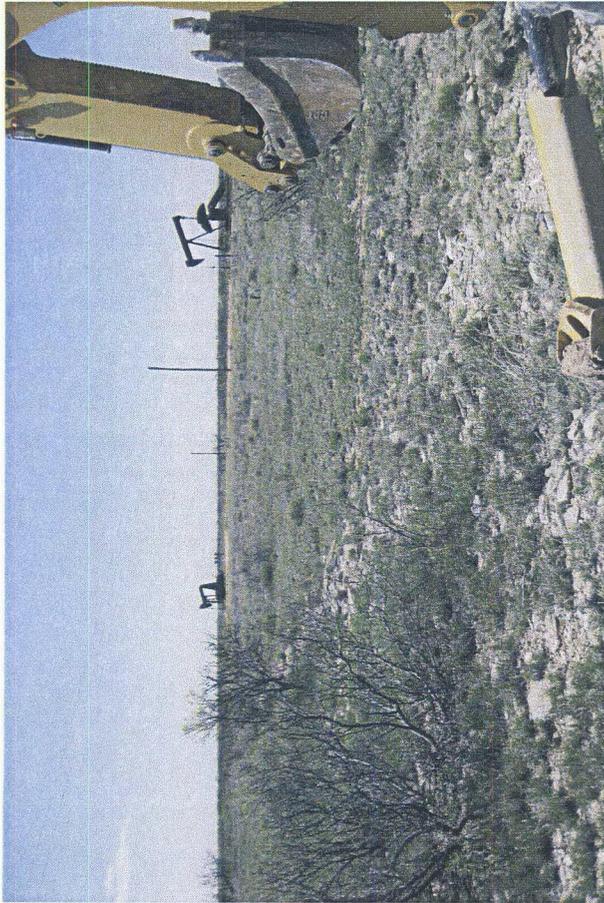
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-17-11

Vacuum E-25 EOL

Unit E, Section 25, T17S, R35E



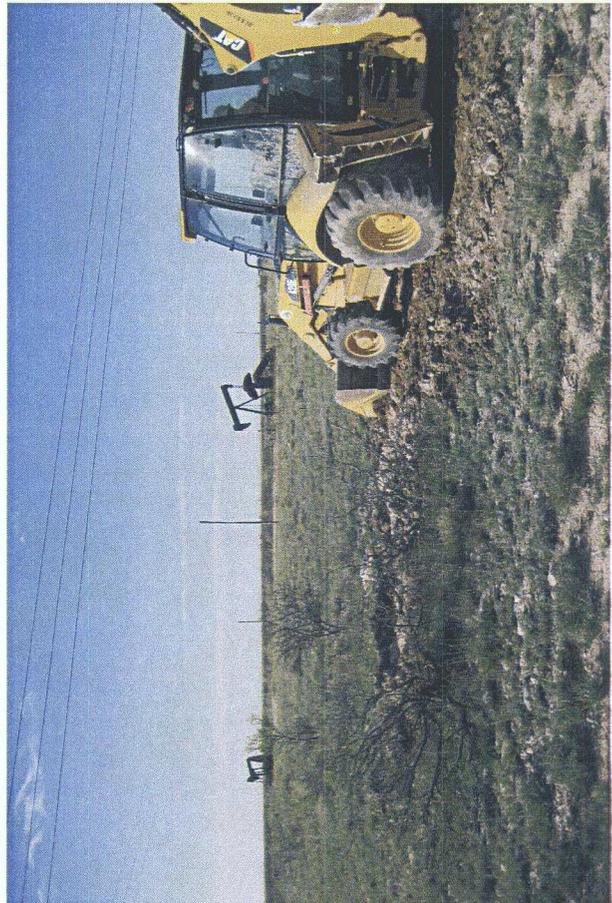
Site prior to delineation

4/26/2010



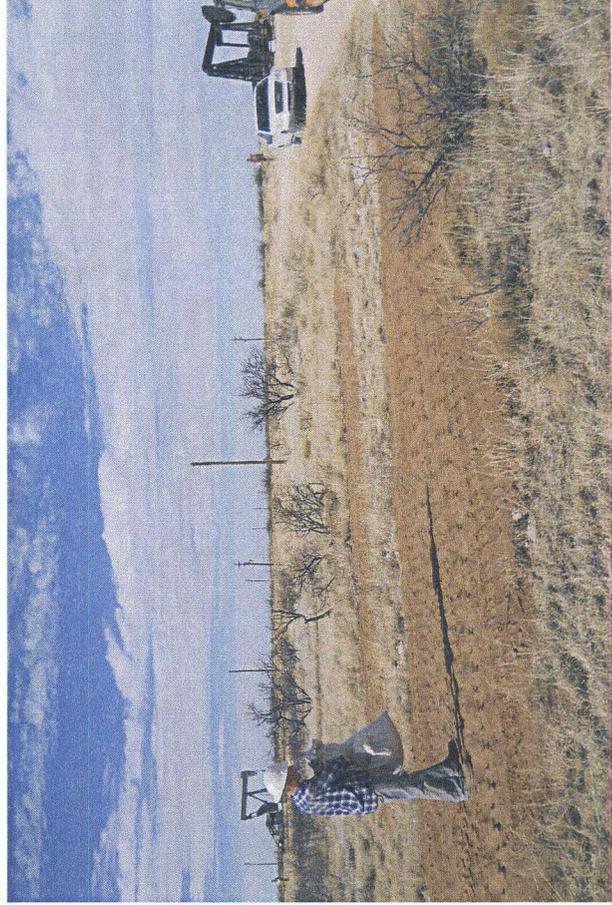
Collecting sample

4/26/2010



Backfilling excavation

4/26/2010



Seeding excavation

3/03/2011



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

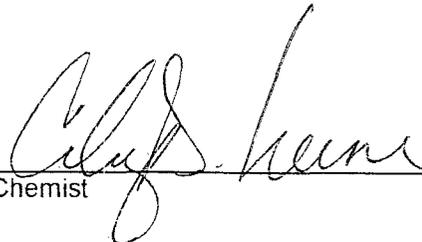
Receiving Date: 04/27/10
 Reporting Date: 04/29/10
 Project Number: NOT GIVEN
 Project Name: VAC. E-25 EOL
 Project Location: VAC. E-25 EOL

Sampling Date: 04/26/10
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: JH
 Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₆) (mg/kg)	(mg/kg)

ANALYSIS DATE	04/29/10	04/29/10	04/28/10
H19757-1 SOURCE GRAB @ 5FT.	<10.0	<10.0	48
Quality Control	595	598	490
True Value QC	500	500	500
% Recovery	119	120	98.0
Relative Percent Difference	0.2	1.6	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB
 *Analysis performed on a 1:4 w:v aqueous extract.
 Reported on wet weight.



 Chemist



 Date

H19757 TCL RICE

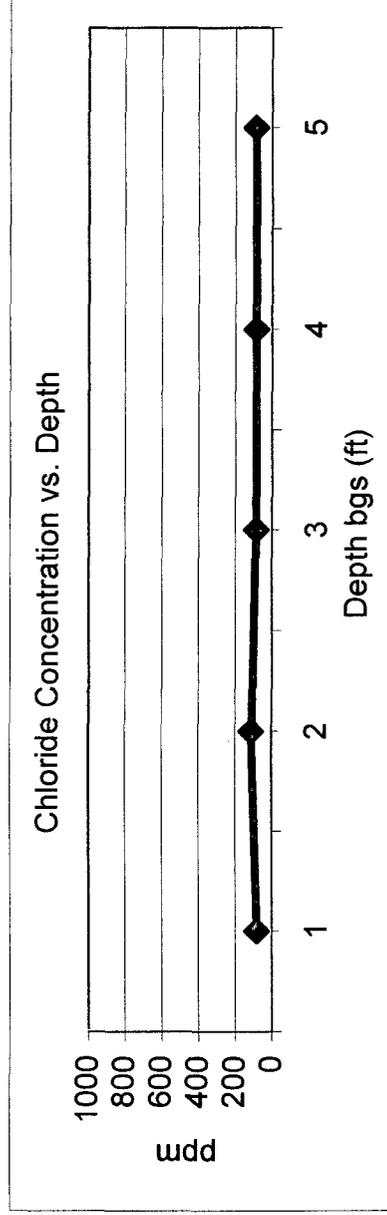
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Vacuum E-25 EOL

Unit 'E', Sec. 25, T17S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
1	82
2	110
3	85
4	84
5	85



Groundwater = 43 ft