

1R - 425-91

REPORTS

DATE:

2-8-11

1R425-91

Vacuum B-5-1 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	B-5-1 EOL	B	5	18S	35E	Lea	Eliminated		

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

Depth to Groundwater 66' feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/18/2010 Date Completed 6/21/2010 OCD Witness No

Soil Excavated 5.0 cubic yards Excavation Length 5 Width 3 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/21/2010 Sample Depth 9 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 @ 9'	1.0	<10.0	<10.0	160

LOCATION	DEPTH	mg/kg
background	6"	113
vertical delineation trench at the junction (source)	2'	146
	3'	170
	4'	59
	5'	85
	6'	86
	7'	382
	8'	90
	9'	172

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 3x5x9-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, 9 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 6/21/2010, 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.

SITE SUPERVISOR Gerardo Martinez SIGNATURE Gerardo Martinez COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Zach Conder INITIAL zc

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-8-11

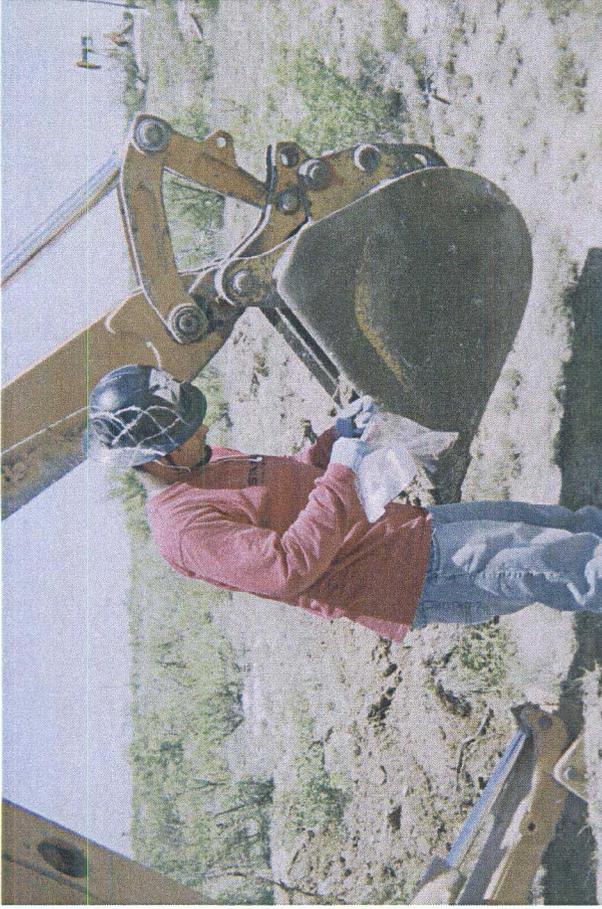
Vacuum B-5-1 EOL

Unit B, Section 5, T18S, R35E



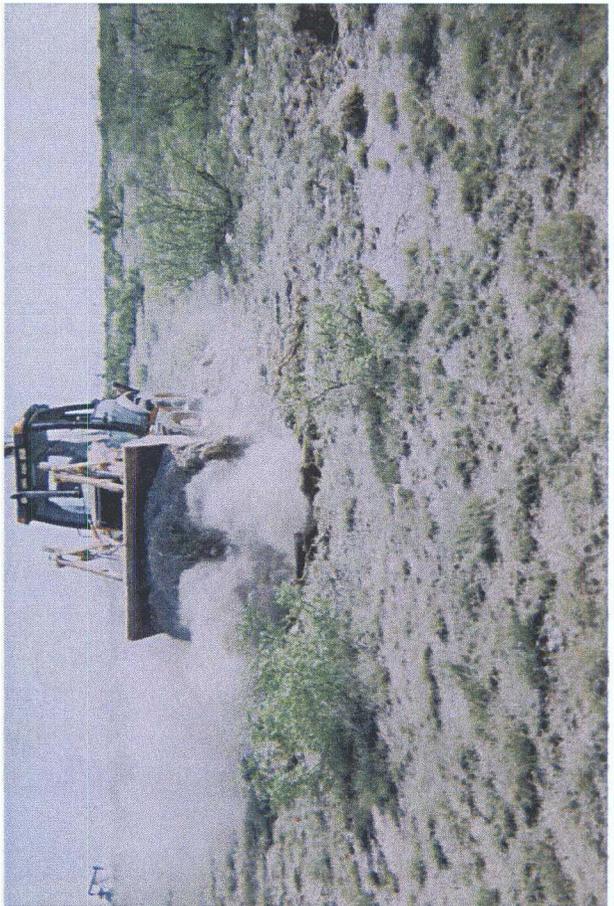
Site prior to delineation

6/18/2010



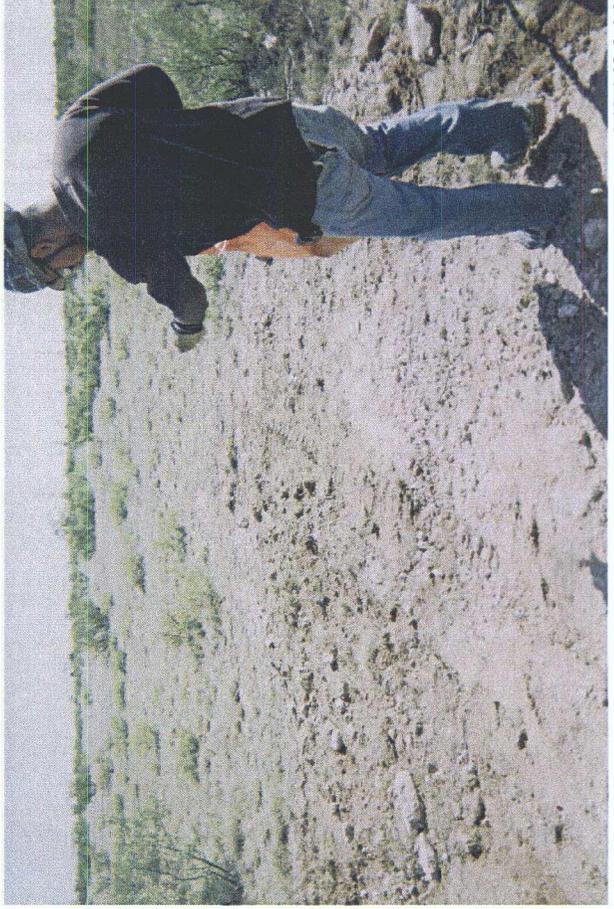
Collecting sample

6/18/2010



Backfilling excavation

6/18/2010



Seeding excavation

6/21/2010



ARDINAL LABORATORIES

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

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

Receiving Date: 06/21/10
Reporting Date: 06/24/10
Project Number: NOT GIVEN
Project Name: VACUUM B-5-1 EOL (18/35)
Project Location: VACUUM B-5-1 EOL (18/35)

Sampling Date: 06/21/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

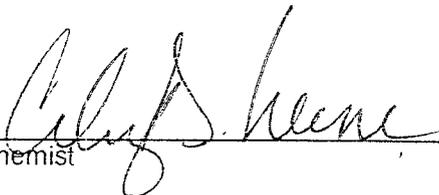
	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	Cl*
LAB NUMBE SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	06/24/10	06/24/10	06/22/10
H20171-1 SOURCE @ 9'	<10.0	<10.0	160
COPY			
Quality Control	448	531	500
True Value QC	500	500	500
% Recovery	89.6	106	100
Relative Percent Difference	0.6	0.5	< 0.1

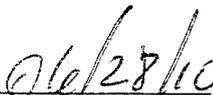
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analysis performed on a 1:4 w:v aqueous extract.

Reported on wet weight.



Chemist



Date

H20171 TCL RICE

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CARDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Nice Operating Company</u>		P.O. #:		ANALYSIS REQUEST																	
Project Manager: <u>Bruce Baker</u>		Company:																			
Address: <u>122 W. Taylor</u>		Attn:																			
City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>																	
Phone #: <u>575-393-9174</u>		Fax #: <u>575-397-1471</u>																			
Project #:		Project Owner:																			
Project Name: <u>Vacuum R-51 EOL 18/15</u>																					
Project Location:																					
Sampler Name: <u>Carolee McKeon</u>																					
FOR LAB USE ONLY																					
Lab I.D. <u>Sample I.D.</u>		(G)RAB OR (C)MP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:	
<u>12071-1 source @ 9'</u>		<u>01</u>								<u>✓</u>						<u>✓</u>					

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:

✓

Model: PGM 7300 Serial No: 590-000183
 Model: PGM 7300 Serial No: 590-000508
 Model: PGM 7300 Serial No: 590-000504

Model: PGM 7600 Serial No: 110-023920
 Model: PGM 7600 Serial No: 110-013744
 Model: PGM 7600 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>930132</i>	EXPIRATION DATE: <i>4-28-2013</i>
FILL DATE:	METER READING ACCURACY: <i>100 PPM</i>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>Vacuum</i>	<i>B-5-1</i>	<i>B</i>	<i>5</i>	<i>18</i>	<i>35</i>

SAMPLE ID	PID	SAMPLE ID	PID
<i>Background</i>	<i>5-1</i>		
<i>Source @ 2'</i>	<i>234.6</i>		
<i>3'</i>	<i>72.6</i>		
<i>4'</i>	<i>136.7</i>		
<i>5'</i>	<i>7</i>		
<i>6'</i>	<i>71.9</i>		
<i>7'</i>	<i>16.3</i>		
<i>8'</i>	<i>2.8</i>		
<i>9'</i>	<i>1</i>		

COPY

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

SIGNATURE: *Gerardo Martinez*

DATE: *6-21-10*

Vacuum B-5-1 EOL

Unit 'B', Sec. 5, T18S, R35E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	146
3	170
4	59
5	85
6	86
7	382
8	90
9	172

Groundwater = 66 ft

