

1R - 426-227

REPORTS

DATE:

1-25-10

BD A-17
2009

1R426-227

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

APP - 6 2010
Environmental Bureau
Oil Conservation Division

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 6'	Width 6'	Depth 7'
Blinebry-Drinkard (BD)	A-17	A	17	22S	37E	Lea	Same location		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Millard Deck Estates OTHER _____

Depth to Groundwater 73 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/24/2009 Date Completed 9/24/2009 OCD Witness no

Soil Excavated 4.9 cubic yards Excavation Length 2 Width 6 Depth 11 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/24/2009 Sample Depth 11 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 11' GRAB	0.0	<10.0	<10.0	48

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	150
vertical delineation trench at the junction (source)	7'	241
	8'	237
	9'	240
	10'	211
	11'	179

General Description of Remedial Action: This junction was eliminated under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 11 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavation was backfilled and a new watertight junction box was built in the same location.

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.

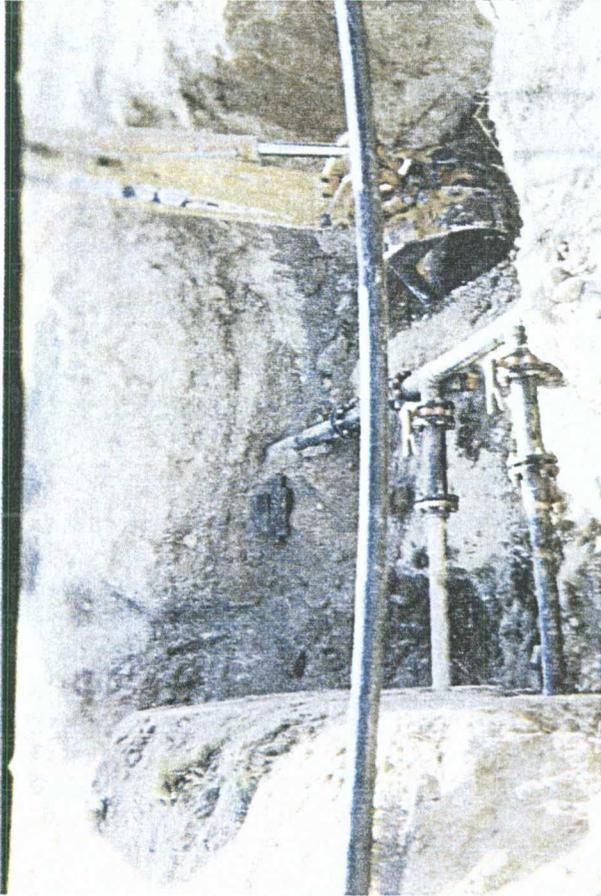
SITE SUPERVISOR Eric Garrison SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-25-10

BD Junction A-17

Unit A, Section 17, T22S, R37E



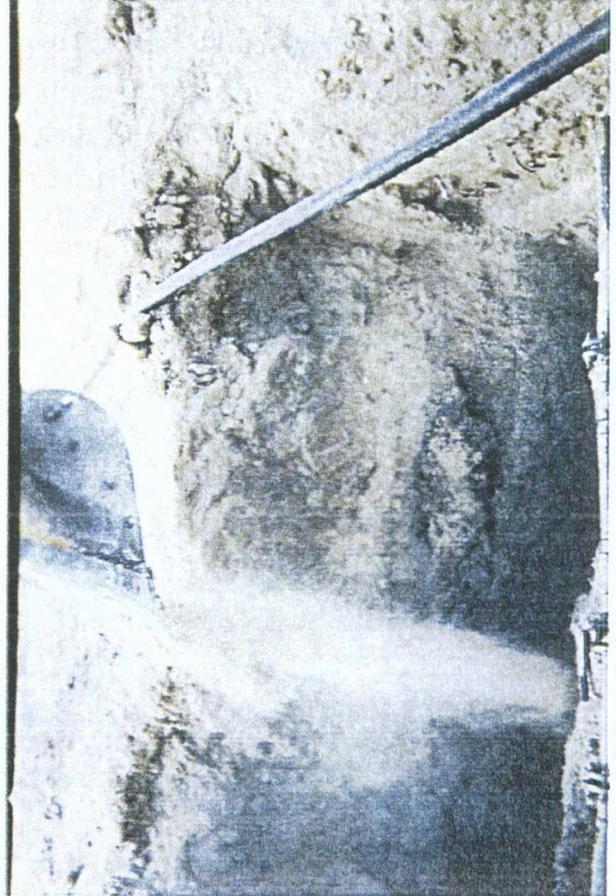
Delineation trench at junction box

9/24/09



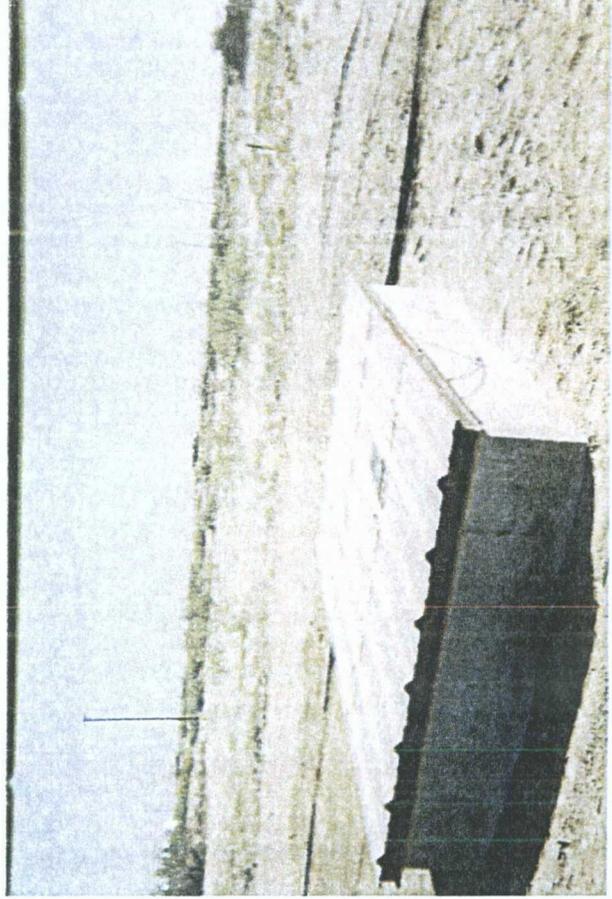
Sample being taken

9/24/09



Backfilling delineation trench

9/24/09



New watertight junction box

10/27/09



ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: ERIC GARRISON
 122 W. TAYLOR
 HOBBS, NM 88240

Receiving Date: 09/24/09
 Reporting Date: 09/30/09
 Project Number: NOT GIVEN
 Project Name: BD JCT A-17
 Project Location: BD JCT. A-17

Sampling Date: 09/24/09
 Sample Type: SOIL
 Sample Condition: INTACT
 Sample Received By: CK
 Analyzed By: AB/HM

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

ANALYSIS DATE	09/28/09	09/28/09	09/25/09
H18326-1 SOURCE BTTM GRAB @ 11'	<10.0	<10.0	48
Quality Control	490	514	500
True Value QC	500	500	500
% Recovery	98.0	103	100
Relative Percent Difference	1.8	0.6	2.0

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

H18326 TCL RICE

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CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

BILL TO			ANALYSIS REQUEST									
Company Name: <u>Alamo</u>			P.O. #:									
Project Manager: <u>Alamo</u>			Company:									
Address: <u>1234 154th</u>			Attn:									
City: <u>Alamo</u>			Address:									
State: <u>NM</u>			City:									
Zip: <u>88240</u>			State:									
Phone #: <u>575-393-2326</u>			Phone #:									
Fax #: <u>575-393-2476</u>			Fax #:									
Project #:			Project Owner:									
Project Name: <u>ADJUTANT</u>			Project Location: <u>ADJUTANT</u>									
Sample Name: <u>Alamo</u>			Sample I.D.:									
FOR USE ONLY			DATE TIME									
Lab I.D. <u>110326</u>			DATE TIME <u>9-24-09 9:12</u>									
Matrix: <u>Soil</u>			PRESERV: <u>X</u>									
WASTEWATER			ACID/BASE: <u>X</u>									
GROUNDWATER			ICE / COOL: <u>X</u>									
SLUDGE			OTHER: <u>X</u>									
OIL			OTHER: <u>X</u>									
# CONTAINERS: <u>1</u>			DATE TIME: <u>9-24-09 9:12</u>									
(G) RAB OR (C) MP: <u>61</u>			DATE TIME: <u>9-24-09 9:12</u>									

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Sampler Relinquished: Alamo Date: 9/24/09 Time: 9:12

Relinquished By: Alamo Received By: Alamo

Delivered By: (Circle One) Temp. Sample Condition: Intact CHECKED BY: Alamo

Sampler - UPS - Bus - Other: Other

REMARKS: RESULTS
Alamo, NM
SP-11-150-Rice
SP-11-150-Rice
SP-11-150-Rice

CHLORIDE CONCENTRATION CURVE

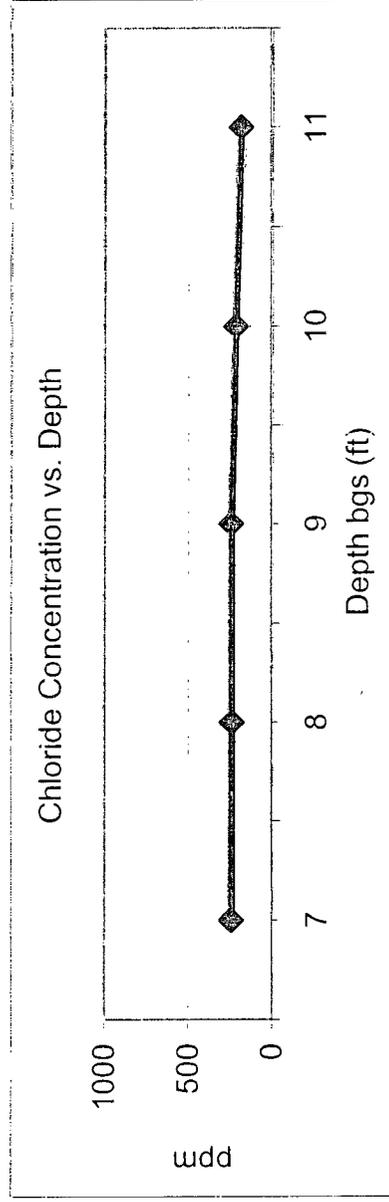
RICE Operating Company

BD Junction A-17

Unit 'A', Sec. 17, T22S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
7	241
8	237
9	240
10	211
11	179



Groundwater = 73 ft.