

1R - 426-227

REPORTS

DATE:

1-25-10

BD A-17
2009

1R426-227

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

RECEIVED
APP - 6 2010
Environmental Bureau
Oil Conservation Division

BOX LOCATION

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

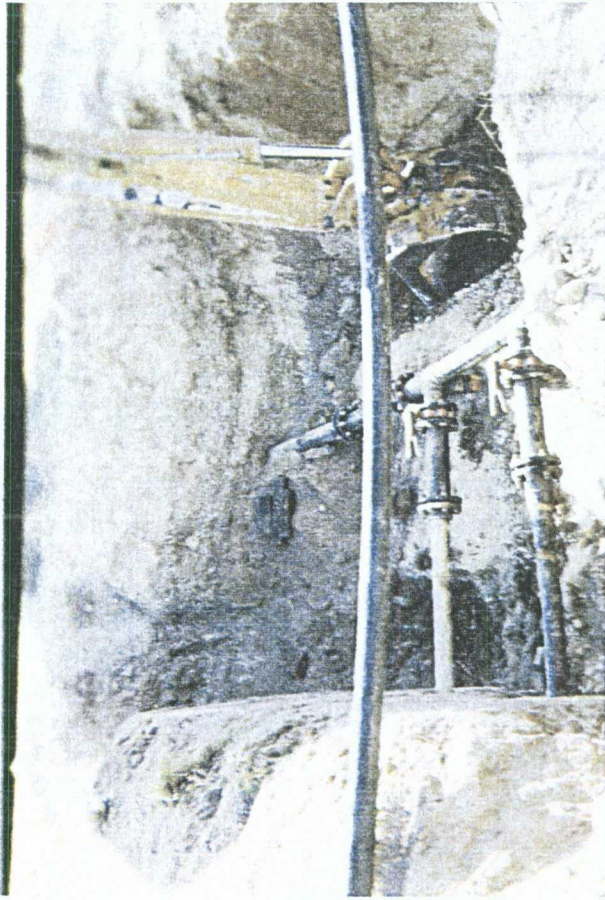
SITE SUPERVISOR Eric Garrison SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

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

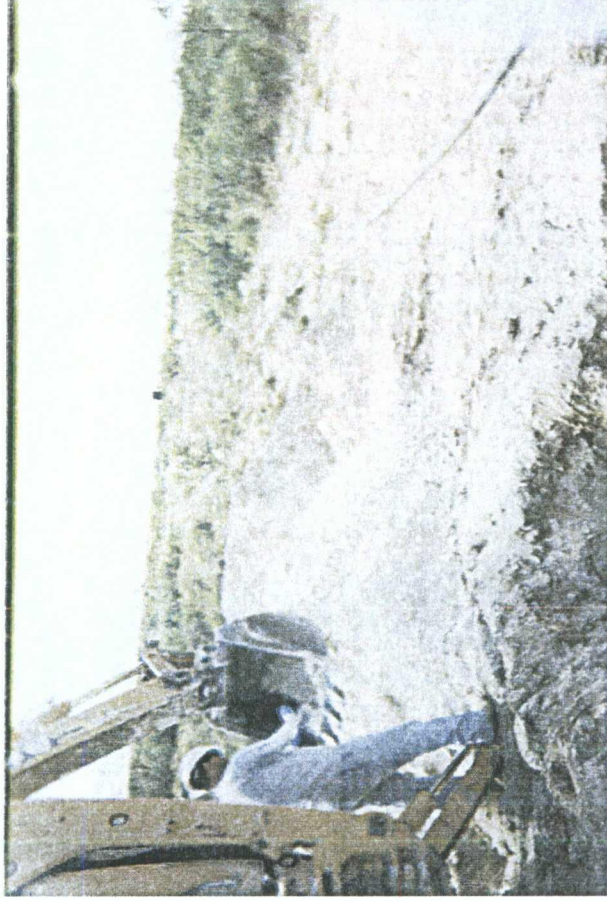
BD Junction A-17

Unit A, Section 17, T22S, R37E



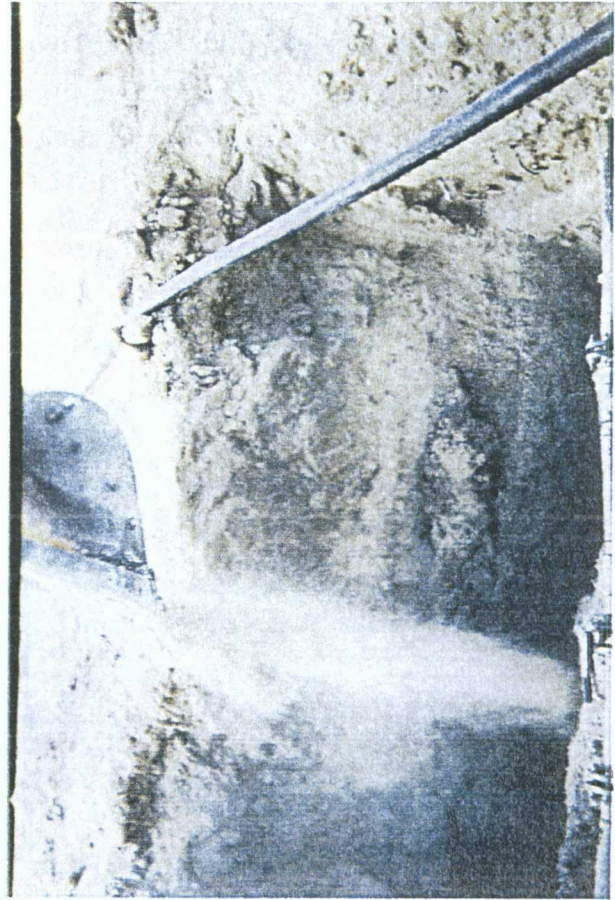
Delineation trench at junction box

9/24/09



Sample being taken

9/24/09



Backfilling delineation trench

9/24/09



New watertight junction box

10/27/09



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

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	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(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; CI: Std. Methods 4500-CI'B

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

Reported on wet weight.

Chemist

Date

H18326 TCL RICE

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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: 90-908	EXPIRATION DATE: 07-25-12
FILL DATE: 07-20-09	METER READING ACCURACY: 0.5 - 1.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
AO	A-17	A	17	22.5	37E

Source		Reactor	
SAMPLE ID	PID	SAMPLE ID	PID
7	0.13	6.6"	0.0
8	0		
9	0		
10	0		
11	0		

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

SIGNATURE:

[Signature]

DATE:

07-20-09

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.

