

1R - 426-232

REPORTS

DATE:

12-9-09

**BD P-34 EOL
2009**

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

1R426-232

CLOSURE

RECEIVED

APR - 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 5'	Width 12'	Depth 6'
Blinebry-Drinkard (BD)	P-34 EOL	P	34	21S	37E	Lea	eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Mark Owen _____ OTHER _____

Depth to Groundwater _____ 68 _____ feet NMOCD SITE ASSESSMENT RANKING SCORE: _____ 30* _____

Date Started _____ 10/20/2009 _____ Date Completed _____ 10/20/2009 _____ OCD Witness _____ no _____

Soil Excavated _____ 4.0 _____ cubic yards Excavation Length _____ 2 _____ Width _____ 6 _____ Depth _____ 9 _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 10/20/2009 _____ 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' GRAB	1.5	<10.0	25.4	32

LOCATION	DEPTH	mg/kg
background	6"	120
vertical delineation trench at the junction (source)	5'	270
	6'	211
	7'	209
	8'	212
	9'	210

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. After the former box 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 similar to that of the background. Organic vapors were measured using a PID which also yielded low concentrations. Laboratory analysis of the 9 ft BGS sample confirmed low concentrations of chloride and TPH. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 11/6/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

*Water Well 780 ft northwest.

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 _____ Katie Jones _____ INITIAL _____ KJ _____

PROJECT LEADER _____ Larry Bruce Baker Jr. _____ SIGNATURE _____ Larry Bruce Baker Jr. _____ DATE _____ 12-9-09 _____

BD P-34 EOL

Unit P, Section 34, T21S, R37E



site prior to excavation, facing south

10/20/2009



collecting a soil sample, facing west

10/20/2009



excavation as the former junction box, facing east

10/20/2009



seeding backfilled site, facing south

11/6/2009



ARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: BRUCE BAKER
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

COPY

Receiving Date: 10/21/09
Reporting Date: 10/22/09
Project Owner: NOT GIVEN
Project Name: BD P-34 EOL (21-37)
Project Location: BD P-34 EOL (21-37)

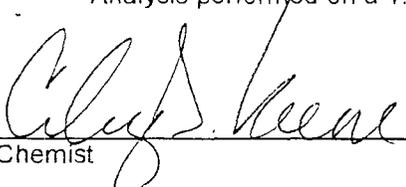
Sampling Date: 10/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

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

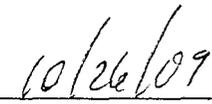
ANALYSIS DATE	10/22/09	10/22/09	10/22/09
H18549-1 SOURCE BTM GRAB @ 9'	<10.0	25.4	32
Quality Control	493	534	500
True Value QC	500	500	500
% Recovery	98.6	107	100
Relative Percent Difference	3.0	3.0	< 0.1

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

H18549 TCL RICE

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CHLORIDE CONCENTRATION CURVE

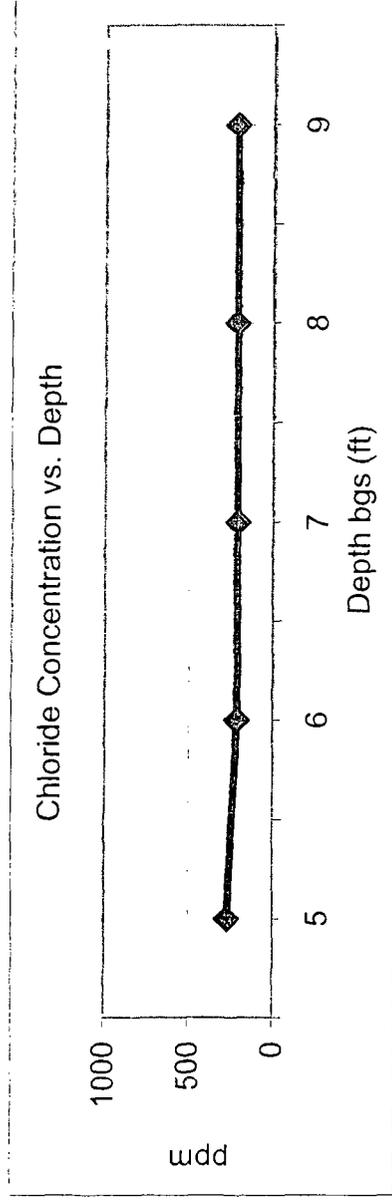
RICE Operating Company

BD P-34 EOL

Unit 'P', Sec. 34, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
5	270
6	211
7	209
8	212
9	210



Groundwater = 68 ft