

1R - 426-193

REPORTS

DATE:

10-13-08

BD Apache State D 'A' EOL

1R-426-193

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard (BD)	Apache State D 'A' EOL	L	16	21S	37E	Lea	Length 7'	Width 5'	Depth 4'
							eliminated		

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

Depth to Groundwater 72 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/25/2008 Date Completed 6/26/2008 OCD Witness no

Soil Excavated 5 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 6/26/2008 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	0.0	<10.0	<10.0	16

LOCATION	DEPTH	mg/kg
background	6"	89
vertical delineation trench at the junction (source)	5'	149
	6'	128
	7'	188
	8'	218
	9'	207

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the old box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x9-ft-deep excavation. Chloride field tests were performed on each sample, which yielded low concentrations similar to that of the background levels. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample was sent to a commercial laboratory for analysis, confirming low concentrations of chloride and TPH. The excavated soil was returned to the excavation and clean, imported blow sand was used as a top cap and to contour to the surrounding area. On 6/26/2008, 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 screenings, chloride curve

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

SITE SUPERVISOR Roy Rascon 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 10-13-08

BD Apache State D 'A' FOI

Unit L, Section 16, T21S, R37E



undisturbed junction box, facing west

6/17/2008



backfilled excavation, facing south

6/26/2008



delineation trench at former junction site, facing east

6/26/2008



seeding backfilled site, facing north

6/26/2008



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

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

COPY

Receiving Date: 06/27/08
Reporting Date: 06/30/08
Project Owner: NOT GIVEN
Project Name: NOT GIVEN
Project Location: BD APACHE STATE D "A" EOL

Sampling Date: 06/26/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
		06/27/08	06/27/08	06/27/08
H15063-1	VERT @ SOURCE @ 9' BGS GRAB	<10.0	<10.0	16
Quality Control		534	539	510
True Value QC		500	500	500
% Recovery		107	108.0	102
Relative Percent Difference		3.2	<0.1	<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.

RECEIVED

JUL 03 2008

RICE OPERATING
HOBBS, NM

Chemist

Date

H15063TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 FAX (325) 673-7020 (505) 393-2326 FAX (505) 393-2476

[illegible]

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471
PID METER CALIBRATION & FIELD REPORT FORM

COPY

MODEL: PGM 7600 SERIAL NO. 110-013744

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	APACHE STATE D "A" EOL	L	16	21S	37E

SAMPLE ID	PID	SAMPLE ID	PID
1'			
2'			
3'			
4'			
5'	0		
6'	0		
7'	0		
8'	0		
9'	0		
10'			
11'			
12'			

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

SIGNATURE:



DATE: 6-26-08

CHLORIDE CONCENTRATION CURVE

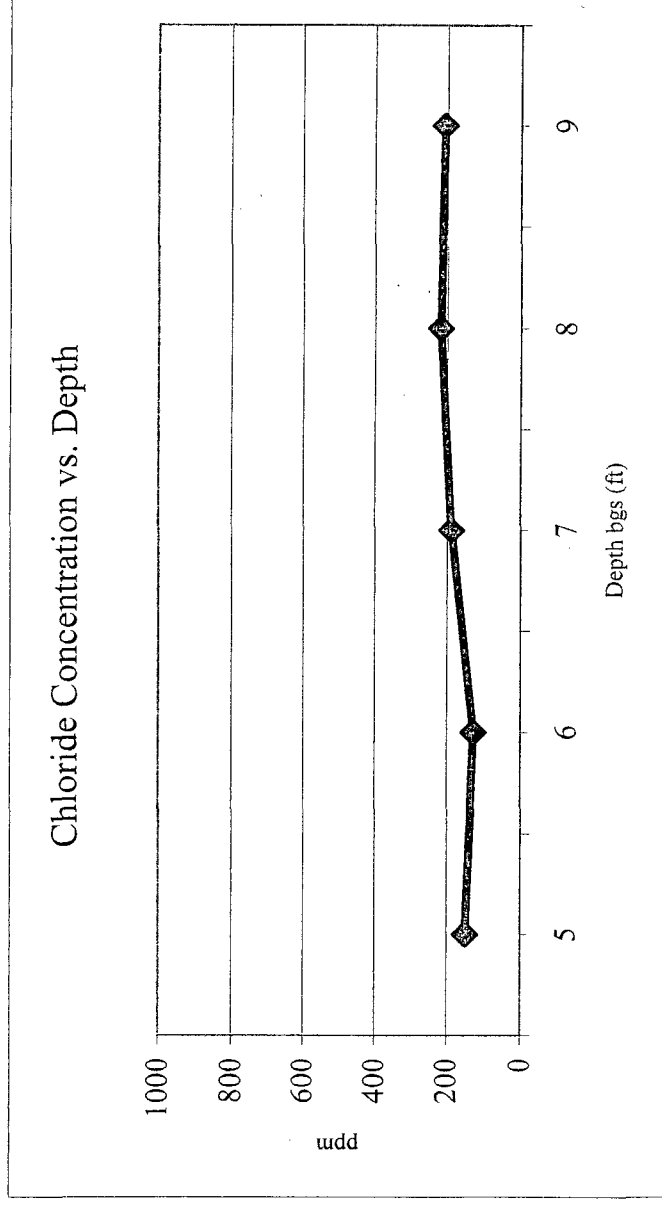
RICE Operating Company

BD Apache State D 'A' EOL

Unit 'L', Sec. 16, T21S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
5	149
6	128
7	188
8	218
9	207



Groundwater = 72 ft