

1R - 426-201

REPORTS

DATE:

2-5-09

BD Apache Grizzel Drinkard EOL

1R426-201

RECEIVED

MAR 25 1994

Environmental Justice
Oil Conservation Division

DISCLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 9'	Width 5'	Depth 4'
Blinebry-Drinkard (BD)	Apache Grizzell Drinkard eol	J	8	22S	37E	Lea	moved 98' southwest		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Apache Corp. OTHER _____

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/23/2008 Date Completed 6/30/2008 OCD Witness no

Soil Excavated 89 cubic yards Excavation Length 20 Width 10 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility N/A Location N/A

FINAL ANALYTICAL RESULTS: Sample Date 6/24/2008 Sample Depth 12 ft.

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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	Chlorides mg/kg
4-WALL COMP.	0.0	<10.0	<10.0	432
BOTTOM COMP.	0.3	<10.0	<10.0	1890
BLENDED BACKFILL	0.0	<10.0	<10.0	544

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	446
bottom comp.	12'	1638
blended backfill	n/a	537
background	6"	120
vertical delineation trench at the junction (5' south of source)	1'	122
	2'	153
	3'	242
	4'	268
	5'	433
	6'	381
	7'	613
	8'	515
	9'	449
	10'	224
11'	439	
12'	919	

General Description of Remedial Action: This junction box was addressed during the pipeline replacement/upgrade program. A new water tight junction box was built ninety eight feet southwest of former junction box. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Due to the location of many pipelines and a facility the excavation was stopped at a 20X10X12-ft-deep excavation. Chloride field test were performed on each sample, which yielded some elevated concentrations. Organic vapors were measured using a PID, which yielded low concentrations. Composite samples were sent to a commercial laboratory for analysis of chloride and TPH. The excavated soil was blended on site and backfilled to 5' BGS. Then a 27'X10'X1' clay layer was installed. The remaining blended backfill was returned to the excavation and contoured to the surrounding area. NMOCD was notified of potential groundwater impact on 1/05/09.

ADDITIONAL EVALUATION IS High PRIORITY

enclosures: photos, lab results, PID field screening, chloride graph, Clay test, Clay diagram

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 Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-5-09

*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

BD APACHE GRIZZELL DRINKARD EOL

Unit J, Section 8, T22S, R37S



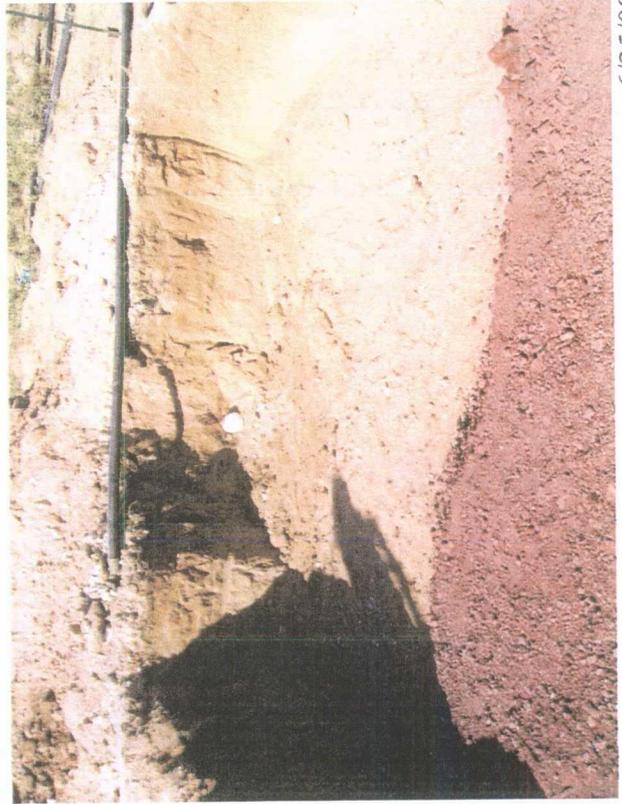
Undisturbed junction box

6/12/08



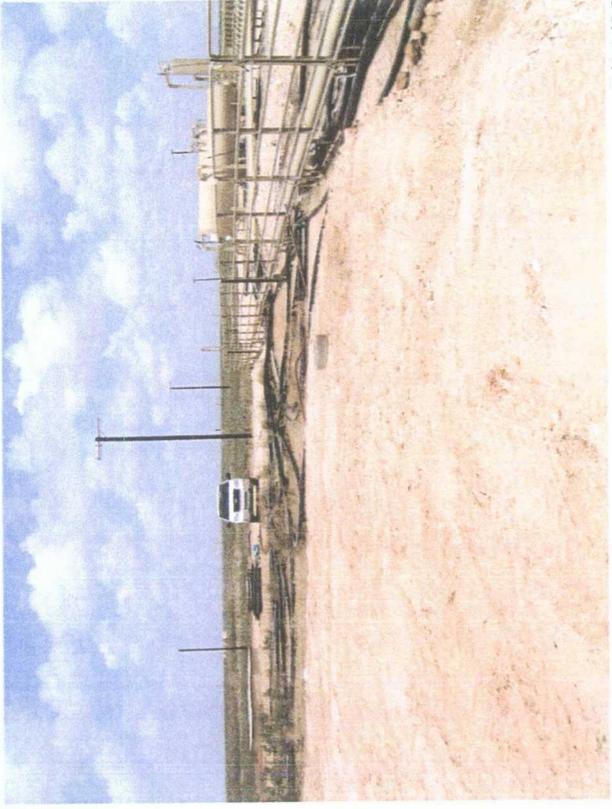
Delineation of former junction box site

6/24/08



Installing clay layer

6/25/08



Site complete

7/01/08



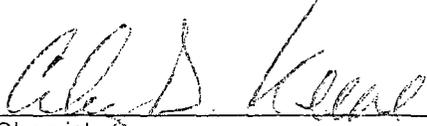
ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: ROY R. RASCON
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (575) 397-1471

Receiving Date: 06/25/08	Sampling Date: 06/24/08
Reporting Date: 06/27/08	Sample Type: SOIL
Project Owner: NOT GIVEN	Sample Condition: COOL & INTACT
Project Name: NOT GIVEN	Sample Received By: ML
Project Location: BD APACHE GRIZZELL DRINKARD BATT. EOL	Analyzed By: CK/KS/AB

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
	ANALYSIS DATE	06/26/08	06/26/08	06/25/08
H15054-1	5 PT BTTM COMP @ 12' BGS	<10.0	<10.0	1,890
H15054-2	4 WALL COMP @ 20'L X 10'W X 12'D	<10.0	<10.0	432
H15054-3	8 PT BLENDED BACKFILL	<10.0	<10.0	544
	Quality Control	429	477	510
	True Value QC	500	500	500
	% Recovery	85.8	95.4	102
	Relative Percent Difference	7.3	2.3	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI*: Std. Methods 4500-CI'B

*Analyses performed on 1:4 w:v aqueous extracts.


 Chemist


 Date

H15054TCL RICE



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RICE OPERATING CO.		P.O. #:		ANALYSIS REQUEST								
Project Manager: ROY R. RASCON		Company:										
Address: 122 WEST TAYLOR		Attn:										
City: HOBBS		Address:										
Phone #: (505) 393-9174		City:										
Project #:		State:										
Project Name:		Phone #:										
Project Location: BD APACHE GRIZZELL DRINKARD BATT. EOL		Fax #:										
Sampler Name: ROY R. RASCON		PRESERY										
FOR LAB USE ONLY	LAB ID #	SAMPLE I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	DATE	TIME	TPH 8015 M	CL	BTEX	ANALYSIS REQUEST	
											WASTEWATER	WASTEWATER
1-15054-1		5pt bttn comp @ 12' bgs	C 1	1	WASTEWATER	6/24/08	1415	X	X			
-2		4 wall comp @ 20' L X 10' W X 12' D	C 1	1	SOIL	6/24/08	1555	X	X			
-3		8pt blended backfill	C 1	1	GROUNDAWATER	6/24/08	1610	X	X			
					SLUDGE							
					OIL							
					ACID/BASE							
					OTHER :							

PLEASE NOTE: Liability and Damages. Cardinals liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 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.

Relinquished By: *Roy R. Rascon* Date: 6-25-08
 Received By: *Mary Lee But* Date: 6-25-08
 Relinquished By: _____ Date: _____
 Received By: _____ Date: _____

Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Cool Intact
 110.5°C

Phone Result: Yes No Add'l Phone #:
 Fax Result: X Yes No Add'l Fax #:

REMARKS: PLEASE E-MAIL TO
 jpurvis & rrascon@riceswd.com

† 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

MODEL: PGM 7600 SERIAL NO. 110-013744

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

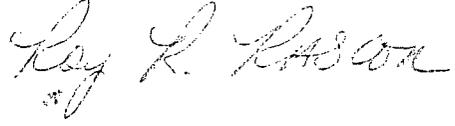
LOT NO : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	APACHE GRIZZELL DRINKARD EOL	J	8	22S	37E

SAMPLE ID	PID	SAMPLE ID	PID
FINAL SAMPLES			
5PT BOTTOM COMP @ 12'BGS	0.3		
E WALL COMP 5' E OF SOURCE	0		
N WALL COMP 5' N OF SOURCE	0		
S WALL COMP 15' S OF SOURCE	0.3		
W WALL COMP 5' W OF SOURCE	0		
4 WALL COMP @ 20'L X 10'W X 12'D	0		
BLEND BACKFILL 8PT COMP	0		

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

SIGNATURE: 

DATE: 6-24-08

CHLORIDE CONCENTRATION CURVE

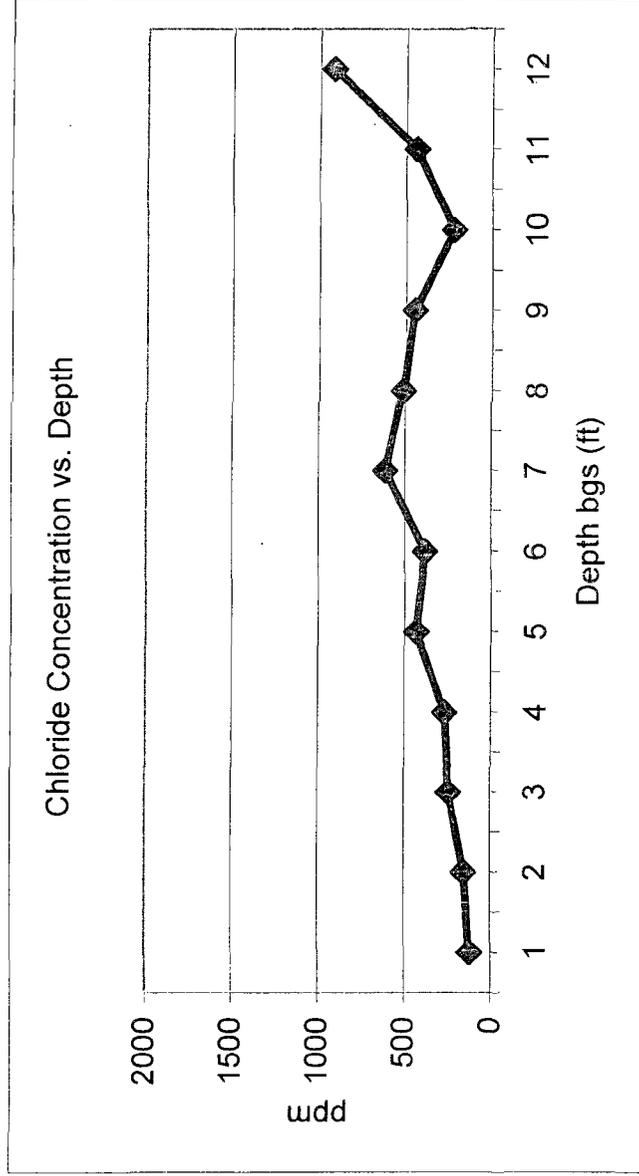
RICE Operating Company

BD Apache Grizzel Drinkard EOL

Unit 'J', Sec. 8, T22S, R37E

Backhoe samples at junction (5' south of source)

Depth bgs. (ft)	[Cl ⁻] ppm
1	122
2	153
3	242
4	268
5	433
6	381
7	613
8	515
9	449
10	224
11	439
12	919



Groundwater = 60 (ft.)



LABORATORY TEST REPORT
PETTIGREW & ASSOCIATES, P.A.

1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827



DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS, III, P.E./P.S.

To: Rice Operating Company
Attn: Hack Conder
122 W. Taylor
Hobbs, NM 88240

Material: Wallach Red Clay

Project: General Information
BD Apache Grizzel Drinkard Battery EOL
Project No. 2008.1069

Test Method: ASTM: D 2922

Date of Test: June 30, 2008

Depth: See Below

Depth of Probe: 6"

Test No.	Location	Dry Density		Depth
		% Max	% Moisture	
SG 5	Pit - 10' S. & 10' E. of NW Corner	95.4	21.2	FSG

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JUN 27 2008
RICE OPERATING
HOBBS, NM

Control Density: 102.8
ASTM: D 698

Optimum Moisture: 22.6%

Required Compaction: 95%

Densometer ID: 815
PETTIGREW & ASSOCIATES

Lab No.: 08 6155-6156

Copies To: Rice Operating

BY: Erica M. Hart

BY: Debra P. Hicks P.E.

BD Apache Grizzell Drinkard EOL
 Unit 'J', Sec. 8, T22S, R37E

Excavation Cross-Section

