

1R - 426-179

REPORTS

DATE:

8-29-08

BD Apache Grizzell EOL

14-26-179

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 Grizzell EOL	G	6	22S	37E	Lea	Length 8'	Width 4'	Depth 2'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Ernest Wayne Henson OTHER _____

Depth to Groundwater 105 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/9/2008 Date Completed 7/22/2008 OCD Witness no

Soil Excavated 44 cubic yards Excavation Length 10 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/15/2008 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.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.3	<10.0	<10.0	288
BOTTOM COMP.	0.5	<10.0	15.8	448
BACKFILL COMP.	0.9	<10.0	105	352

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	350
bottom comp.	12'	504
backfill comp.	n/a	472
vertical delineation trench at the junction (source)	3'	1090
	4'	843
	5'	834
	6'	425
	7'	666
	8'	635
	9'	435
	10'	479
	11'	521
	12'	500

General Description of Remedial Action: This junction was eliminated 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 producing a 10x10x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded generally low concentrations. Organic vapors were measured using a PID, which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH, which yielded low concentrations. The excavated soil was blended on-site and returned to the excavation to ground surface and contoured to the surrounding area. On 7/22/2008, 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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY
REPORT ASSEMBLED BY Katie Jones INITIAL KJ
PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 8-29-08

BD Apache Grizzell EOL

Unit G, Section 6, T22S, R37E



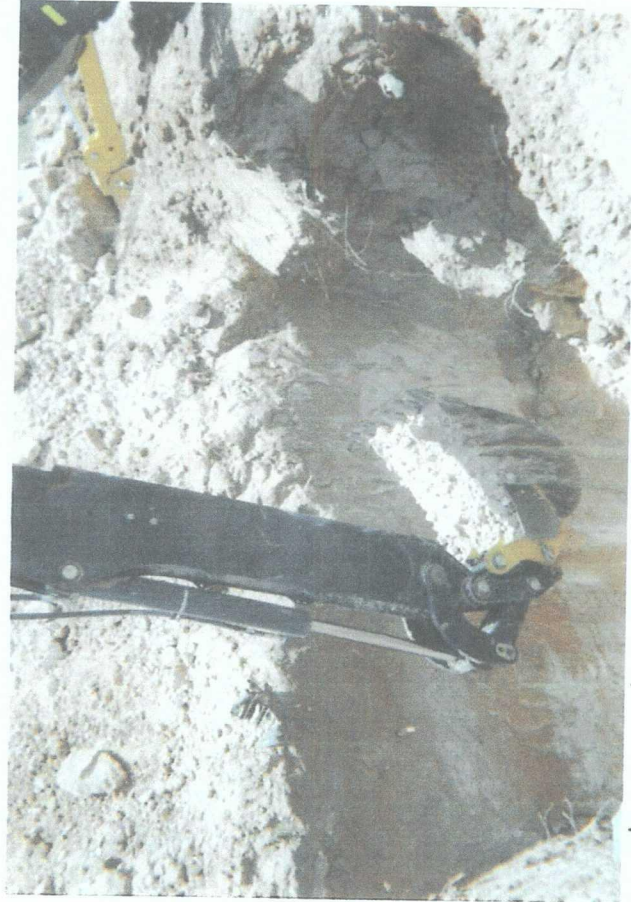
undisturbed junction box, facing west

7/9/2008



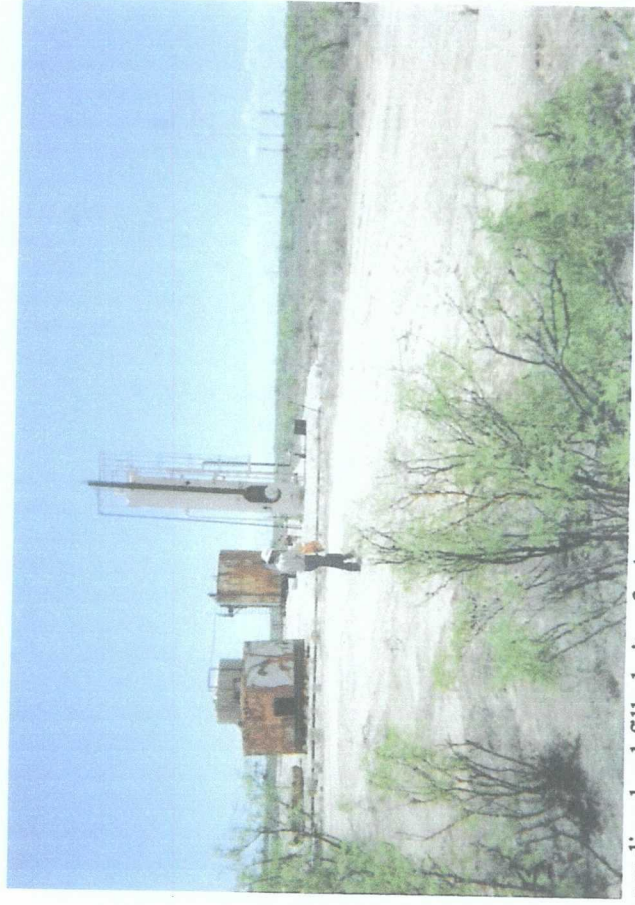
taking a sample

7/14/2008



squaring excavation

7/14/2008



seeding backfilled site, facing south

7/22/2008



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

COPY

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: DARNELL MITCHELL
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

RECEIVED

JUL 23 2008

RICE OPERATING
HOBBS, NM

Receiving Date: 07/15/08
Reporting Date: 07/18/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: B.D. APACHE GRIZZEL E01

Sampling Date: 07/15/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: KS/ZL

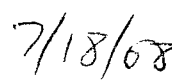
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
		07/11/08	07/11/08	07/11/08
H15168-1	5 PT BOTTOM COMPOSITE 10X10X12	<10.0	15.8	448
H15168-2	4 WALL COMPOSITE 10X10X12	<10.0	<10.0	288
H15168-3	BLENDED BACKFILL 10X10X12	<10.0	105	352
	Quality Control	609	602	500
	True Value QC	500	500	500
	% Recovery	122	120	100
	Relative Percent Difference	19.7	18.5	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015; Std. Methods 4500-CF-B

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



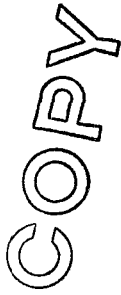
Chemist



Date

H15168TCL Rice

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Page ____ of ____

BILL TO				ANALYSIS REQUEST													
Company Name: Rice Operating																	
Project Manager: Darrell Mitchell																	
Address: 122 W. Taylor																	
City: Hobbs																	
State: N.M. Zip: 88240																	
Phone #: _____																	
Fax #: _____																	
Project Owner: _____																	
Project Name: _____																	
Project Location: B.D. Apache Grizzel Rd																	
Sampler Name: Darrell Mitchell																	
Sample I.D.																	
FOR LAB USE ONLY																	
Lab I.D.				MATRIX			PRESERV		SAMPLING			DATE			TIME		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL						
H1508-1				5 PT Bottom Compost 10x10x12			C		1			7-15-08			9:50AM		
-2				4 wall Compost 10x10x12			C		1			7-15-08			10:15PM		
-3				Blended Backfill 10x10x12			C		1			7-15-08			10:30AM		
Sample I.D.				MATRIX			PRESERV		SAMPLING			DATE			TIME		
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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.	<input type="checkbox"/>
MODEL	<input type="checkbox"/>
NO.	<input checked="" type="checkbox"/>

MODEL: PGM 7600

SERIAL NO: 110-013676

MODEL: PGM 7600

SERIAL NO: 110-013744

MODEL: PGM 7600

SERIAL NO: 110-12383

MODEL: PGM 7600

SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 10-4-09
FILL DATE: 10-4-07	METER READING ACCURACY: 100.1

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.D	Apache Grizzell EOL	B	6	T22S	R-37E

Sample Day

SAMPLE ID	PID	SAMPLE ID	PID
SPT BOTTOM COMPOSIT	0.5		
Blended Backfill	0.9		
4 well composit	0.3		

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

SIGNATURE: Danell Whitehead

DATE: 7-15-08

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Apache Grizzell EOL

Unit 'G', Sec. 6, T22S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
3	1090
4	843
5	834
6	425
7	666
8	635
9	435
10	479
11	521
12	500

Groundwater = 105 ft

