

1R - 426-199

REPORTS

DATE:

11-3-08

BD Apache Hawk 'A' EOL

1R426-199

RECEIVED

MAR 25 1999

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 Hawk 'A' EOL	A	8	21S	37E	Lea	Length 7'	Width 5'	Depth 3'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ Millard Deck _____ OTHER _____

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

Date Started _____ 8/14/2008 _____ Date Completed _____ 8/14/2008 _____ OCD Witness _____ no _____

Soil Excavated _____ n/a _____ cubic yards Excavation Length _____ n/a _____ Width _____ n/a _____ Depth _____ n/a _____ feet

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

FINAL ANALYTICAL RESULTS: Sample Date _____ 8/14/2008 _____ Sample Depth _____ 7 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 7' GRAB	2.8	<10.0	<10.0	32

LOCATION	DEPTH	mg/kg
background	6"	198
hand auger below the junction (source)	4'	118
	5'	175
	6'	223
	7'	152

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 hand auger to collect soil samples at regular intervals.

Field data suggests the site is low in organic vapors, and chloride concentrations in the soil are similar to that of the background. The deepest sample, 7 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. Clean, imported soil was used to backfill the site and to contour to the surrounding area. On 8/14/2008, 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 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 _____ Jordan Woodfin _____ SIGNATURE _____ COMPANY _____ RICE OPERATING COMPANY _____

REPORT ASSEMBLED BY _____ Katie Jones _____ INITIAL _____ KJ _____

PROJECT LEADER _____ Larry Bruce Baker Jr. _____ SIGNATURE _____ DATE _____ 11-3-08 _____

BD Apache Hawk 'A' EOL

Unit A, Section 8, T21S, R37E



collecting hand auger samples, facing west

8/14/2008



backfilling the former junction box site, facing south

8/14/2008



seeding backfilled site, facing north

8/14/2008



raking the seeded and backfilled site, facing north

8/14/2008



CARDINAL 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

COPY

Receiving Date: 08/14/08
Reporting Date: 08/18/08
Project Number: NOT GIVEN
Project Name: BD APACHE HAWK "A" EOL
Project Location: BD APACHE HAWK "A" EOL

Sampling Date: 08/14/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: ZL/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		08/16/08	08/16/08	08/14/08
H15737-1	SOURCE 7' BTM GRAB	<10.0	<10.0	32
Quality Control		509	5.8	500
True Value QC		500	500	500
% Recovery		102	108	100
Relative Percent Difference		1.8	4.2	2.0

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

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

RECEIVED

AUG 20 2008

LABORATORY
HOBBS, NM

Chemist

Date 08/18/08

H15737TCL 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.

1100

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rice Operating Co	BILL
-------------------	------

[illegible]

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 the client for the services. 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:						Received By:						
						Date:	8-14-08		<i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	
						Time:	1:45					
Relinquished By:						Date:		Received By:		REMARKS: Email results to bbaker@riceswd.com Acc to jparvis@riceswd.com		
						Time:						
Delivered By: (Circle One)						CHECKED BY:						
(Sample) - UPS - Bus - Other:						Sample Condition Copl Intact Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>		(Initials) <i>[Signature]</i>				

† 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

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

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: 110-012920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-14-07	METER READING ACCURACY: 101

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Apache Hawk A'EOC	A	8	215	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source	3	Background	3.6
4	3.9		
5	4.2		
6	2.2		
7	2.8		

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

SIGNATURE:

Jordan Woody

DATE: 8-14-08

CHLORIDE CONCENTRATION CURVE

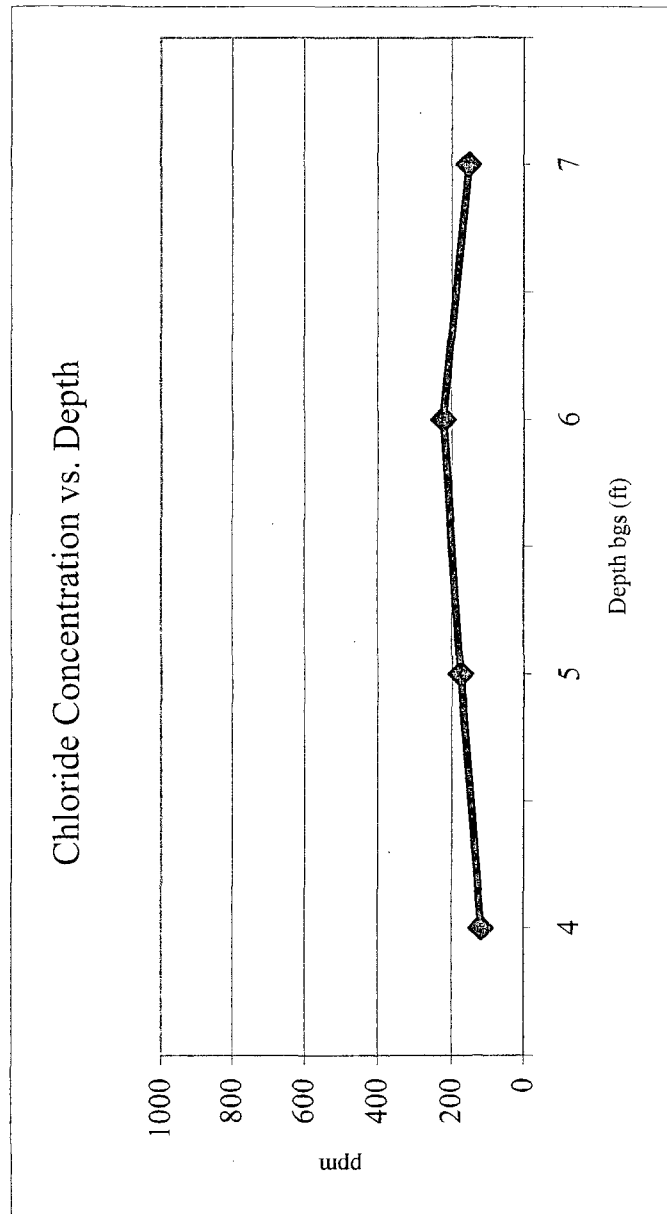
RICE Operating Company

BD Apache Hawk 'A' EOL

Unit 'A', Sec. 8, T21S, R37E

Hand auger samples below the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	118
5	175
6	223
7	152



Groundwater = 72 ft