1R - 426-194

REPORTS

DATE:

10-24-08

24

BD Finley Resources Elliot B-20 EOL

1R426-194

RECEIVED
MAR 25 2004
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		
							Length 6'	Width 4'	Depth 3'
Blinebry-Drinkard (BD)	Finley Resources Elliott B-20 EOL	G	20	22S	37E	Lea	same location		

LAND TYPE: BLM ___ STATE ___ FEE LANDOWNER Millard Deck Estates OTHER ___

Depth to Groundwater 64 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/25/2008 Date Completed 8/19/2008 OCD Witness no

Soil Excavated 133 cubic yards Excavation Length 20 Width 15 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: **Sample Date** 8/13/2008 **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.	1.6	<10.0	<10.0	<16
BOTTOM COMP.	2.8	<10.0	<10.0	240
BACKFILL COMP.	5.4	<10.0	<10.0	144

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	121
bottom comp.	12'	311
backfill comp.	n/a	290
delineation trench at 10 ft west of former junction (source)	1'	151
	2'	178
	3'	254
	4'	258
	5'	229
	6'	283
	7'	261
	8'	230
	9'	237
	10'	170
	11'	206
	12'	199

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was built in place of the former. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 20x15x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded generally low concentrations. Organic vapors were also measured using a PID, which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was blended on-site and returned to the excavation to ground surface and contoured to the surrounding area. On 8/19/2008, 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 Jordan Woodfin SIGNATURE Jordan Woodfin COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 10-24-08

BD Finley Resources Elliott B-20 EOL

Unit G, Section 20, T22S, R37E

undisturbed junction box 7/25/2008

collecting soil sample 8/12/2008

backfilling excavation 8/19/2008

seeding backfilled site 8/19/2008

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: JORDAN WOODFIN
122 W. TAYLOR
HOBBS, NM 88240

COPY

Receiving Date: 08/13/08
Reporting Date: 08/18/08
Project Number: NOT GIVEN
Project Name: BD FINLEY RESOURCES ELLIOT B-20 EOL
Project Location: BD FINLEY RESOURCES ELLIOT B-20 EOL

Sampling Date: 08/13/08
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)	Cl* (mg/kg)
ANALYSIS DATE		08/16/08	08/16/08	08/14/08
H15726-1	5PT COMPOSITE@12FT	<10.0	<10.0	240
H15726-2	4WALL COMPOSITE@20X15FT	<10.0	<10.0	<16
H15726-3	BLENDED BACKFILL	<10.0	<10.0	144
Quality Control		509	538	500
True Value QC		500	500	500
% Recovery		102	108.0	100
Relative Percent Difference		1.8	4.2	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl B
*Analyses performed on 1:4 w:v aqueous extracts.

RECEIVED
AUG 2 3 2008
HOBBS, N.M.

Chemist

08/18/08
Date

H15726TCL RICE

CARDINAL LABORATORIES

COPY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Rice Operating Co.	**BILL TO**	
Project Manager:	JORDAN WOODFIN	P.O. #:	
Address:	122 W TAYLOR	Company:	
City:	HOBBS	State: NM Zip: 88240	
Phone #:	393 9174	Fax #: 397 1471	
Project #:		Project Owner:	
Project Name:	BD Finley Resources Elliot B-20 EOL		
Project Location:	BD Finley Resources Elliot B-20 EOL		
Sampler Name:	JORDAN WOODFIN		

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Cl-	TPH 8015M
H15726-1	Spt Composite @ 12 ft	C	1			✓					✓		8-13-09	1:33 pm	✓	✓
-2	4 wall Composite @ 20x15ft	C	1			✓					✓		8-13-09	2:37 pm	✓	✓
-3	Blended Backfill	C	1			✓					✓		8-13-08	12:50 pm	✓	✓

Relinquished By:	Date: 8-13-08	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 4:50		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: Email results to BBaker@riceswd.com cc JPurvis@riceswd.com
	Time:		

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition		CHECKED BY: (Initials)
Cool	Intact	
☑ Yes ☐ No	☑ Yes ☐ No	MCRB

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

RICE OPERATING COMPANY

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

CK. 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: 05-10-09
FILL DATE: 11-16-07	METER READING ACCURACY: 101

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	B-20 Battery EOL	G	20	22S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Blended Backfill	5.4		
5pt Composite	2.8		
4 wall composite	1.6		

I verify that I have calibrated the above insrument in accordance to the namufacture operation manual.

SIGNATUE: Jason Wolf

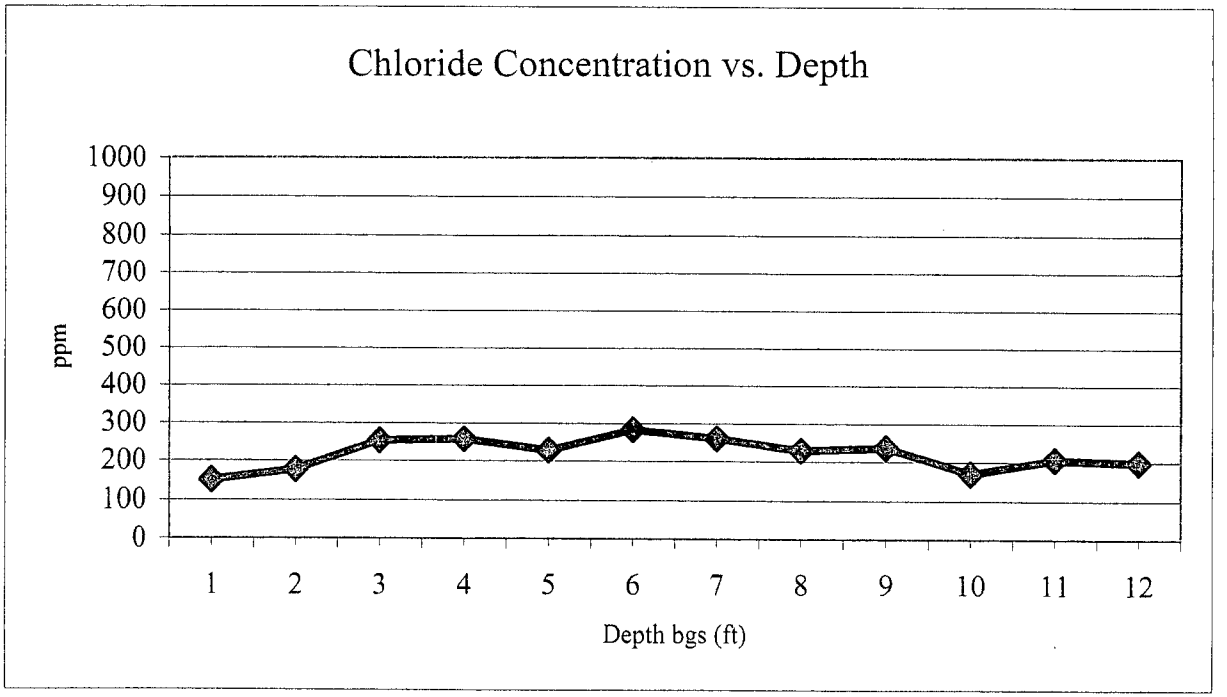
DATE: 8-13-09

BD Finley Resources Elliott B-20 EOL

Unit 'G', Sec. 20, T22S, R37E

Backhoe samples at 10 ft west of junction (source)

Depth bgs (ft)	[Cl⁻] ppm
1	151
2	178
3	254
4	258
5	229
6	283
7	261
8	230
9	237
10	170
11	206
12	199



Groundwater = 64 ft