1R - 426-219

REPORTS

DATE:

8-5-08

BD Pogo Manda EOL

IR426-29

Disclosure

RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 5'	Width 5'	Depth 5'
Blinebry-Drinkard (BD)	Pogo Manda EOL	C	28	22S	37E	Lea	moved 100 ft south		

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

Depth to Groundwater 65 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/17/2007 Date Completed 11/27/2007 OCD Witness no

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

Soil Disposed 36 cubic yards Offsite Facility Sundance Location Eunice, NM

FINAL ANALYTICAL RESULTS: **Sample Date** 10/26/2007 **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.	0.0	<10.0	<10.0	1220
BOTTOM COMP.	0.0	<10.0	<10.0	1180
BACKFILL	0.0	<10.0	<10.0	976

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	938
bottom comp.	12'	839
backfill comp.	n/a	952
vertical delineation trench 20 ft south of junction (source)	1'	114
	2'	76
	3'	414
	4'	125
	5'	76
	6'	81
	7'	743
	8'	937
	9'	951
	10'	1341
	11'	1230
	12'	1957

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was installed 100 ft south 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 30x30x12-ft-deep hole. Each sample was field tested for chloride concentrations, which yielded elevated levels that did not relent with depth. Organic vapors were measured using a PID, which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis. The excavated soil was blended on-site and returned to the excavation up to 6 ft below ground surface. At 6-5 ft BGS, a 1-ft-thick clay barrier was installed. The remaining fill was used to backfill the excavation to ground surface. Imported, clean top soil was used to top cap the site and to contour to the surrounding area. An identification plate was placed on the surface at the former junction box site to mark the presence of the clay below. On 11/28/2007, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 8/5/2008.

ADDITIONAL EVALUATION IS MEDIUM PRIORITY

enclosures: photos, cross-section, 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 8-5-08

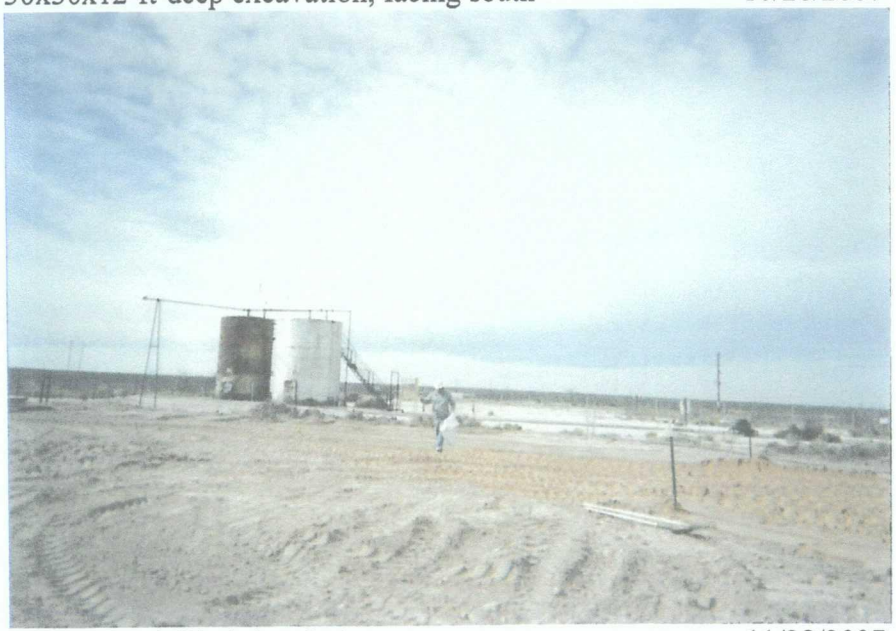
*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

BD Pogo Manda EOL

Unit C, Section 28, T22S, R37E

30x30x12-ft-deep excavation, facing south 10/26/2007

clay barrier installed, facing south 11/27/2007



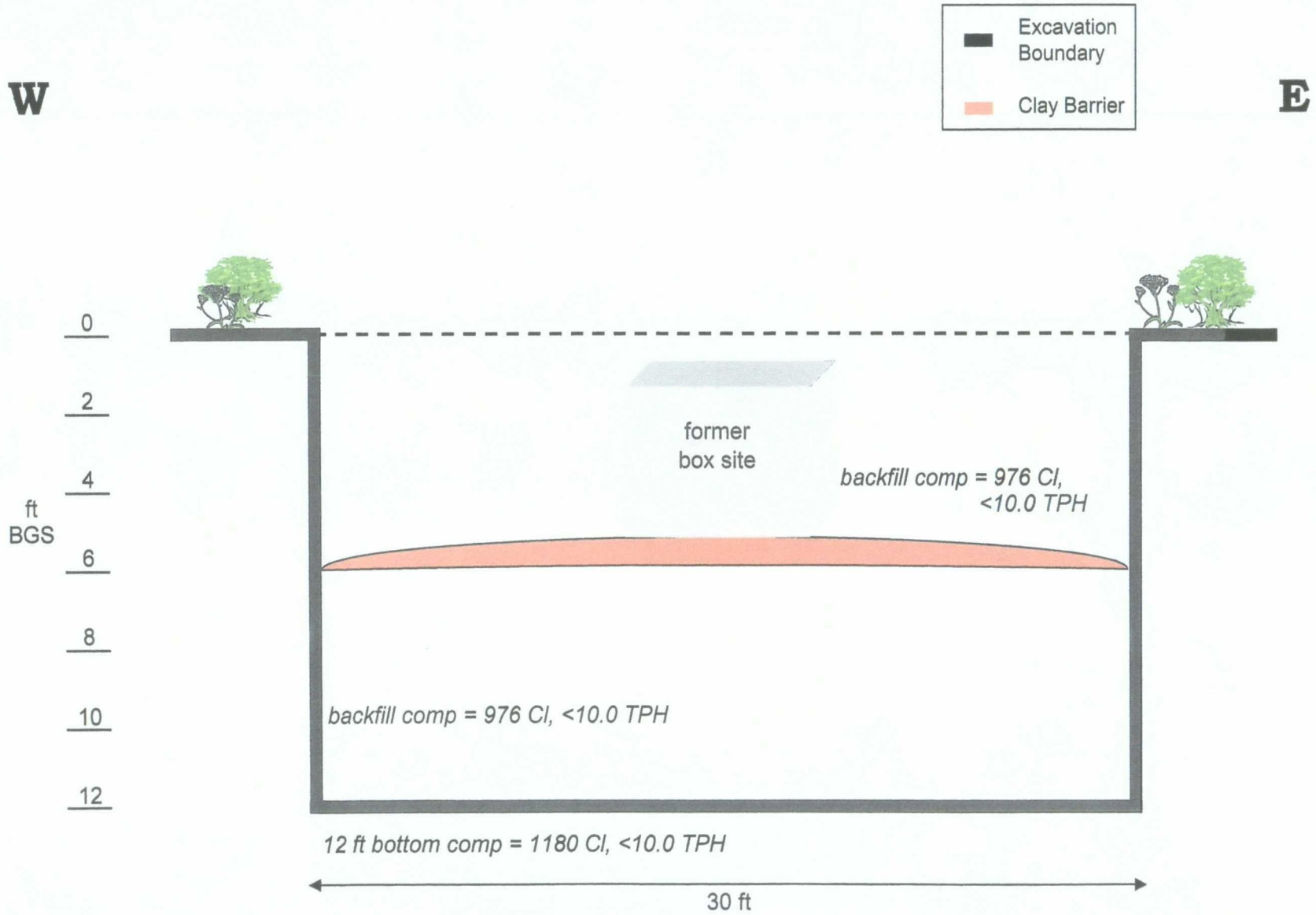
seeding backfilled site, facing west 11/28/2007

site complete with clay marker and new, watertight box in background, facing south 11/28/2007

BD Pogo Manda EOL

Unit C, Section 28, T22S, R37E

Excavation Cross-Section



CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

COPY

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

RECEIVED
NOV 02 2007
RICE OPERATING CO.
HOBBS, NM

Receiving Date: 10/26/07
Reporting Date: 10/30/07
Project Number: NOT GIVEN
Project Name: BD POGO MANDA EOL
Project Location: NOT GIVEN

Sampling Date: 10/26/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: SB
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{12}) (mg/kg)	DRO (>C_{12}-C_{28}) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		10/26/07	10/26/07	10/30/07
H13592-1	5 PT BTTM COMP @ 12' BGS	<10.0	<10.0	1180
H13592-2	4 WALL COMP @ 30x30x12	<10.0	<10.0	1220
H13592-3	BLENDED BACKFILL 5 PT	<10.0	<10.0	976
Quality Control		420	381	500
True Value QC		500	500	500
% Recovery		84.0	76.2	100
Relative Percent Difference		8.5	12.1	<0.1

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

Chemist

10/30/07
Date

H13592TCL Rice

CARDINAL LABORATORIES

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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 OPER. Co.	**BILL TO**
Project Manager: Roy R. Rascon	P.O. #:
Address: 122 W. TAYLOR	Company:
City: Hobbs State: NM Zip: 88240	Attn:
Phone #: 575-393-9174 Fax #: 575-397-1471	Address:
Project #: Project Owner:	City:
Project Name: BD POGO MANDA EOL	State: Zip:
Project Location:	Phone #:
Sampler Name: Roy R. RASCON	Fax #:

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	TPH 8015M	Cl-
H13592-1	5 PT BTTM Comp @ 2' BGS	C	1			✓					✓		10-26-07	1020	✓	✓
-2	4 WALL Comp @ 30x30x12	C	1			✓					✓		10-26-07	1045	✓	✓
-3	Blended Backs, 11 5FT	C	1			✓					✓		10-26-07	1320	✓	✓

Relinquished By: Roy R. Rascon	Date: 10-26-07 Time: 2:41	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By: See Barnes 10/26/07 2:41pm	Fax Result: ☑ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) SB	REMARKS: E-mail to JPURVIS & RRASCON AT RICE SWD. Com ok

† 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. MODEL NO.			
		MODEL: PGM 7600	SERIAL NO: 110-013676
		MODEL: PGM 7600	SERIAL NO: 110-013744
		MODEL: PGM 7600	SERIAL NO: 110-012383
		MODEL: PGM 7600	SERIAL NO: 110-012920
	X	SK 107	SERIAL NO: 008011

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 4-4-09
FILL DATE: 10-4-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	POGO MANDA EOL	C	28	22S	37E

SAMPLE ID	PID	SAMPLE ID	PID
bttm sp#1 @ 12'bgs	0		
bttm sp#2 @ 12'bgs	0		
bttm sp#3 @ 12'bgs	0		
bttm sp#4 @ 12'bgs	0		
bttm sp#5 @ 12'bgs	0		
5pt bttm comp @ 12'bgs	0		
n wall comp @ 5'n	0		
s wall comp @ 25's	0		
e wall comp @ 20'e	0		
w wall comp @ 10'e	0		
4 wall comp @ 30x30	0		
blended backfill 5pt comp.	0		

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

SIGNATURE: Roy L. Pascon

DATE: 10-26-07

BD Pogo Manda EOL

unit 'C', Sec. 28, T22S, R37E

Backhoe samples at 20 ft south of the junction (source)

Depth bgs (ft)	Cl- ppm
1	114
2	76
3	414
4	125
5	76
6	81
7	743
8	937
9	951
10	1341
11	1230
12	1957

Groundwater = 65 ft