1R-426-203

REPORTS

DATE:

11-7-08

1810 Vemi A. 1.
(2 boxes)

18426-203

RECEIVED

M 10 2 0 5 1966

City controlled the long Oil Conscribed to Vision

DISCLOSURE

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

BOX LOCATION

	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNT		IMENSIONS - FE	
	Blinebry-Drinkard	vent A-1	Α	1	228	36E	Lea	Length	eliminated	Depth
	(BD)	(2 boxes)	l	<u> </u>	L	lNvmeve	r Propert		eiiiiiiateu	
	LAND TYPE:	3LM	STATE	FEE LAI	NDOWNER		erly Shaw			
	Depth to Grour	ndwater	137	feet	NMOCE	SITE ASS	ESSMEN	NT RANKING S	SCORE:	0
	Date Started	12/5	/2007	Date Co	mpleted	2/6/2008	oc	D Witness	no	
	Soil Excavated	400	cubic ya	rds Exc	cavation Le	ngth 30	Wi	dth30	Depth 1	2feet
	Soil Disposed	192	cubic ya	rds Of	fsite Facility	Sund	lance	Location	Eunice,	NM
	NAL ANALYT			-	Date			Sample De	pth1	12 ft
	sidewalls. TPH a approved lab a	and Chloride	aboratory	test results	completed b	y using an		CHLOR	RIDE FIELD TE	:STS
	Sample Location	PID (fie	′ [RO g/kg	DRO mg/kg	Chlorides mg/kg		LOCATION	DEPTH	mg/kg
	4-WALL COMP.	0.5		10.0	<10.0	3560	—	4-wall comp.	n/a	2988
	BOTTOM COMP.	0.0	<	10.0	<10.0	3960		bottom comp.	12'	3724
BACKFILL COMP. 2.4 <10.0 <10.0 2600 backfill comp. n/a									2156	
	background 6" 140									
Ger	neral Description o	of Remedial	Action:	These junction	ons were elin	ninated durin	g		1'	1008
the	pipeline replacemer	nt/upgrade pr	ogram. Afte	r the former ju	unctions were	removed, a	n l		2'	936
inve	stigation was condu	ucted using a	backhoe to	collect soil sa	mples at regi	ular intervals	,	•	3'	1556
proc	lucing a 30x30x12-f	t-deep hole.	Chloride fiel	d tests were	performed on	each sample	е,		4'	2159
yield	ling elevated chloric	de levels that	did not reler	nt with depth.	Organic vap	ors were		vertical delineation	5'	3128
mea	sured using a PID,	yielding low	concentratio	ns. Represer	tative compo	site samples		trench at 5 ft	6'	2377
were	sent to a commerc	cial laborator	y for analysis	of chloride a	nd TPH. The	excavated s	soil	north of the	7'	2436
was	blended on-site and	d returned to	the excavati	on up to 5 ft t	elow ground	surface. At		junction (source)	8'	2176
5-41	ft BGS, a 1-ft thick o	lay barrier w	as installed.	The remainir	ng fill was use	ed to backfill		(Source)	9'	2881
the e	excavation to groun	d surface. C	lean, importe	ed blow sand	was used as	a top cap an	d		10'	3384
	ontour the site to the								11'	3713
surfa	ace at the former jui	nction site to	mark the pre	esence of the	clay below. I	NMOCD was			12'	4233
notif	ied of potential grou	undwater imp								
			ADDITI	ONAL EV	ALUATIO	N IS LOW	PRIO	RITY		
				enclosures:	photos, lab	results, PID f	ield scree	enings, cross-sec	ction, clay test, o	hloride curve
	l HEREBY	CERTIFY	THAT THE		ION ABOVE			MPLETE TO TI	HE BEST OF N	ΛΥ
SITE	SUPERVISOR	Roy Rasco	on SIG	NATURE	no	ot available		COMPANY	RICE OPERATII	NG COMPANY
Δ	REPORT SSEMBLED BY	Katie Jone	es	INITIAL	KJ					
	JECT LEADER L	arry Bruce Ba	ker Jr. SIG	NATURE	Larry E	Bruce Br	where p	Li_ DATE	11/7	108
	*****	- i "DISC! C			0					

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

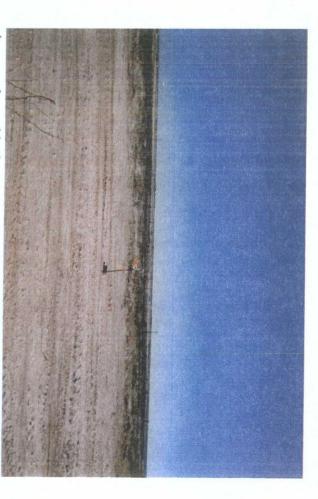
BD vent A-1







delineation trench at former junction site



site complete with clay marker

1/29/2008

clay density test

2/6/2008



ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR

HOBBS, NM 88240 FAX TO: (575) 397-1471

FAX TO: (575) 397-

Receiving Date: 01/09/08
Reporting Date: 01/11/08
Project Number: NOT GIVEN
Project Name: BD VENT A-1
Project Location: NOT GIVEN

COPY

Sampling Date: 01/09/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: CK/HM

	GRO	DRO	
	(C_6-C_{12})	(>C ₁₂ -C ₂₈)	CI*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS [DATE	01/10/08	01/10/08	01/09/08
H14050-1	5 PT. BTTM. COMP. @ 12'BGS.	<10.0	<10.0	3960
H14050-2	4 WALL COMP. @ 30X30	<10.0	<10.0	3560
H14050-3	5 PT. BLENDED BACKFILL	<10.0	<10.0	2600
Quality Cont	rol	546	551	3960 3560 2600 500 500 100
True Value (QC	500	500	3960 3560 2600 500 500
% Recovery		109	110	100
Relative Per	cent Difference	8.5	6.2	<0.1

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

JAN 17 2008

Chemist

Date

4RDINAL LABORATORIES
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 FAX (325)673-7020 (2002)

Company Name: RICE OPERATING CO	co.						基 素			BI	BILLTO			-		Ā	ANALYSIS		REQUEST	UEST					
Project Manager: ROY R. RASCON							P	P.O. #:	;;					_	一			L	_	_	_	-	┝	卜	
Address: 122 WEST TAYLOR							Ü	Company	any:																
City: HOBBS	State: NM	Zip:	Zip: 88240	_			A	Attn:						-											····
Phone #: (505) 393-9174	Fax #: (505) 397-1471	7-1471					Ą	Address:	SS:					,											
Project #:	Project Owner:						Ö	City:																_	
Project Name: BD VENT A-1							S	State:			Zip:														
Project Location:							<u>a</u>	Phone #:	#													 -			
Sampler Name: ROY R. RASCON							<u> </u>	Fax#:						_							,				
		ď	Н	Σ	MATR	RIX	Н	PR	PRESERV	RV	SAMPLING	ING													
FOR LAB USE ONLY LAB ID #	SAMPLE 1.D.	(G)RAB OR (C)OM	3ROUNDWATER	WASTEWATER	POIL	TIC	SLUDGE	VCID/BY2E:	CE \ COOF	этнек:	DATE	TIME	TPH 8015 M	DEEA CF-	BLEX										
	np @ 12'bgs	ပ) 		+	-	+	-		 	1/9/08	10:30	×	×	 	1			lacksquare	╀	╀	-	-	†	
-) 4 wall com	4 wall comp @ 30X30	၁	I I		×				×		1/9/08	12:00	×	×	-				ļ 	_	-	\vdash	\vdash	-	
-Z Spt blended backfill	ed backfill	C			×				X		1/9/08	13:45	×	×					_	-	<u> </u>	-	<u> </u>		
			\dashv	$+\Box$		$\dashv \dashv$	+-	\bot		11				$\dashv \dashv$							-	-			
			\dashv																						
TLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive makesse. All claims including those for negligence and any other cause whatsoever service. In no event shall, Cardinal be liable for incidental or consequental damages. Iffliates or successors arising out of or related to the performance of services herem.	s. Cardinal's fiability a regligence and any othe ile for incidental or cor lated to the performan	nd clie er caus aseque	nt's ex e whe ntal d	xclus atsoe amag	ive raver si	smed hall b sclud	v for e dee ing v	anv c med zitho	claim waix ut lin	aris ed u nitati	remedy for any claim arising whether based in contract or tort, shall be limited to the amount oaid by the client for the shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, der by Cardinal repardless of whether such claim is based man any of the above stated resource of otherwise.	based in convirting a interruption of interruption of the contraction	ontract or nd receivens. loss o	tort, shi ed by C f use, o	all be arding r loss	limited at with of pro	d to the in 30 fits in	davs a	after con by cl	and by complete it	ort, shall be limited to the amount paid by the client of by Cardinal within 30 days after completion of it use, or loss of profits incurred by client, its subsidiation and of the above stated resource of otherwise.	int for the and diaries	the plicabl	D D	
Relinquished By:	Date	Rece	Received By:	B.:		-	1		$ \cdot $			Phone Result:	ult:	Ves	Z	No No	Add'I Phone #:	Phon	e #:		2 2				
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Kelinguished By:	Date: Time:	Rece	Received By:	By:									RE	REMARKS: PLEASE E-MAIL TO jpurvis &	KS:	PLJ	EAS	ਸ਼ ਸ਼	MA	пт	qi Oʻ	urvis	જ		
Delivered By: (Circle One) Sampler UPS - Bus - Other:				San	Sample Cool—I	le Condition Intact	ition (e)	Ĭ		CKED (Initials)	CHECKED BY: (Initials)				-	rasc	on@	rice)	rrascon@riceswd.com	.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

CK.
MODEL X
NO.

MODEL: PGM 7600 MODEL: PGM 7600 SERIAL NO: 110-013676 SERIAL NO: 110-013744 SERIAL NO: 110-012383

MODEL: PGM 7600 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: 11-16-07	METER READING ACCURACY: 101.0

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	VENT A-1	A	1	22S	36 E 488

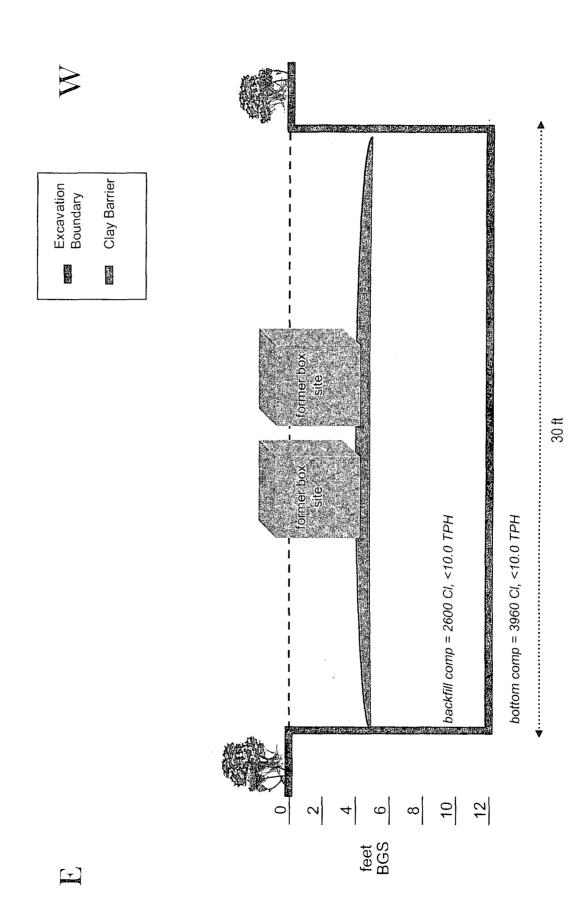
SAMPLE ID	PID	SAMPLE ID	PID
FINAL SAMPLES OF EXCAVATION @ 30'L X30'WX12'bgs			
N WALL COMP	0	A	
S WALL COMP	- 0		
E WALL COMP	0		
W WALL COMP	0		
5PT BTTM COMP @ 12'bgs	0		
4 WALL COMP @ 30X30	0.5		
BLENDED BACKFILL	2.4		

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

SIGNATURE:

DATE: 1-9-08

Excavation Cross-Section





LABORATORY TEST REPORT PETTIGREW & ASSOCIATES, P.A.

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



To:

Rice Operating

Attn: Hack Conder 122 W. Taylor

Hobbs, NM 88240

Test Method:

Material:

ASTM: D 2922

Red Clay

Project:

Monitor Well

Project No. 2008.1018

Date of Test:

January 29, 2008

Depth:

See Below

Depth of Probe:

12"

Dry Doneity

		DIY Delisity		
Test No.	Location	% Max	% Moisture	Depth
SG 1	BD Vent A1 - 15' N & 15' F of SW Corner	99.1	12 7	FSG

Control Density:

104.4

ASTM: D 698

Required Compaction:

95%

08 1421-1422

Copies To:

Lab No.:

Rice Operating

Densometer ID:

Optimum Moisture:

5357

20.3%

PETTIGREW & ASSOCIATES

P.E.

BD vent A-1 Unit'A', Sec. 1, T22S, R36E

Backhoe samples at 5 ft north of the junction (source)

	1008	986	1556	2159	3128	2377	2436	2176	2881	3384	3713	4233
Depth bgs (ft)	_	2	3	4	5	9	<i>L</i>	8	6	10	11	12



