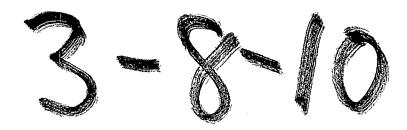
1R -

REPORTS

DATE:



BD O-36 EOL 2009

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Environmente and co Oil Conservation - Station

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DISCLOSURE

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ADD _ 6 2010

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

				BOX LOCA	TION				E.		<u> 2010</u>
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX.D	MENSIONS	FERIO	imental	Bureau
Blinebry- Drinkard (BD)	O-36 EOL	0	36	21S	36E:	Lea	Langero	Wiath 7" (oved 40 ft we	<u>lil Othi</u> s ist	e vatior	Bureau Division
LAND TYPE: E		STATE	FEE LA				OTHER		<u></u>		
Date Started		2009	Date Con	npletedi	9/25/2009		Witness	no			
Soil Excavated	133.3	cubic ya	rds Exc	avation Ler	ngth <u>30</u>	Width	10	Depth	fe	eet	
Soil Disposed	108	cubic ya	rds Off:	site Facility	Sunc	iance	Location	Eunic	e, NM		

FINAL ANALYTICAL RESULTS: Sample Date 3/20/2009.

3/10/2009, 3/11/2009, Sample Date 3/20/2009, 9/25/2009

CHLORIDE FIELD TESTS

Sample Depth 12 ft, 30 ft, 100 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 quidelines.

Sample Location	PID (field)	GRO mg/kg	DRO mg/kg	Chloride
4-WALL COMP.	64.5	<10.0	490	mg/kg 1,820
BOTTOM COMP.	8.5	<10.0	1,140	1,490
BLENDED BACKFILL	46.2	<10.0	817	1,060
BLENDED BACKFILL #2	65 . A.P.	<10.0	<10.0	48
SB #1 @ 30'	0.6	<10.0	<10.0	5,520
SB #1 @ 100'	0.3	<10.0	<10.0	160

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect samples at regular intervals producing a 30x10x12-ft deep excavation. Chloride field tests performed on each sample yielded elevated concentrations. Organic vapors were measured using a PID which yielded generally low concentrations. The excavated soil was blended on site and representative composite samples were collected from the blended backfill, the bottom of the excavation, and the excavation walls. The representative samples were sent to a commercial laboratory for analysis of chloride and TPH. The excavated soil was blended on site and returned to the excavation up to 5 ft below ground surface(BGS). A 5-ft-deep shelf was excavated extending 5 ft out from the North, South, and West walls to prepare the surface for the clay barrier. At 5-4 ft BGS, a 1-ft thick clay barrier was installed with a compaction test performed on 3/18/2009. The remaining fill was used to backfill the excavation to ground surface and to contour to the surrounding area. An identification plate was placed on the surface at the former junction site to mark the presence of clay below. On 3/31/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. A new, water-tight junction box was built 40 ft west of the former. To further investigate the depth of chloride presence, a soil bore was initiated on 9/25/2009 at 15 ft southwest of the former junction box. The boring was advanced to 100 ft BGS, while soil samples were collected every 3 feet from 15 to 60 ft BGS and every 5 ft from 60 to 100 ft BGS. Chloride field tests yielder

elevated concentrations that did not sufficiently relent with depth. The 30 and 100 ft

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	1,600
bottom comp.	12'	1,095
blended backfill	n/a	1,121
background	6"	150
	15'	2,532
	18'	3,296
	21'	3,863
	24'	2,274
	27'	1,435
	30'	4,379
	33'	3,596
	36'	2,102
	39'	2,732
	42'	3,296 3,863 2,274 1,435 4,379 3,596 2,102
SOIL BORING	45'	
at 15 ft	48'	2,367
southwest of the junction	51'	2,319
(9/25/2009)	54'	2,051
	57'	2,353
	60'	2,353
	65'	2,519
(70'	2,282
	75'	2,057
(80'	2,356
	85'	1,539
	90'	286
	95'	1,829
	100'	195

samples were sent to a commercial laboratory for analysis of chloride and TPH. The entire borehole was plugged with bentonite to the ground surface. NMOCD was notified of potential groundwater impact on 2/26/2010.

ADDITIONAL EVALUATION IS HIGH PRIORITY

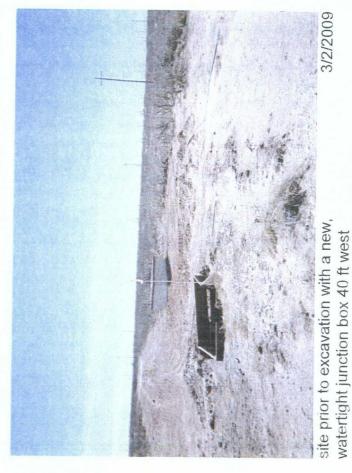
enclosures: photos, boring log, lab results, PID (field) screening, cross-section, compaction test, chloride curve

IHER	EBY CERTIFY THAT		ATION ABOVE IS TRUE AND COMP NOWLEDGE AND BELIEF.	LETE TO T	HE BEST OF MY
SITE SUPERVISOR	Eric Garrison		not available	COMPANY	RICE OPERATING COMPANY
REPORT			$\langle V \rangle$		
ASSEMBLED BY	Katie Jones	INITIAL			
PROJECT LEADER	Larry Bruce Baker Jr.	SIGNATURE	Lany Burg Bake for.	DATE	3-8-10
			2	-	

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

Page 1 of 2

BD O-36 EOL Unit O, Section 36, T21S, R36E





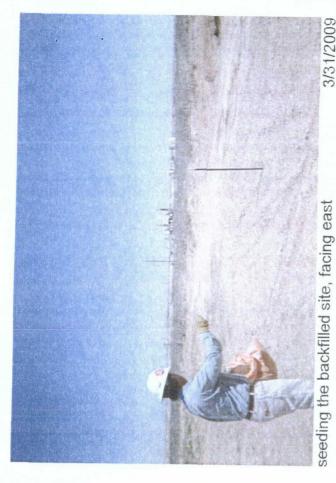
collecting a soil sample, facing west

3/2/2009













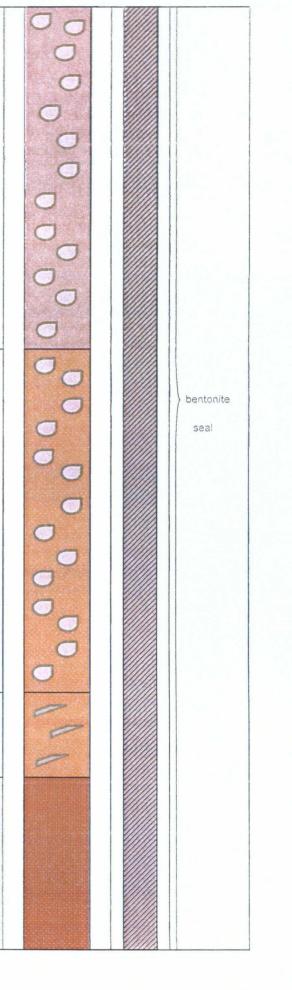
3/18/2009

35x20 ft clay barrier installed, facing west

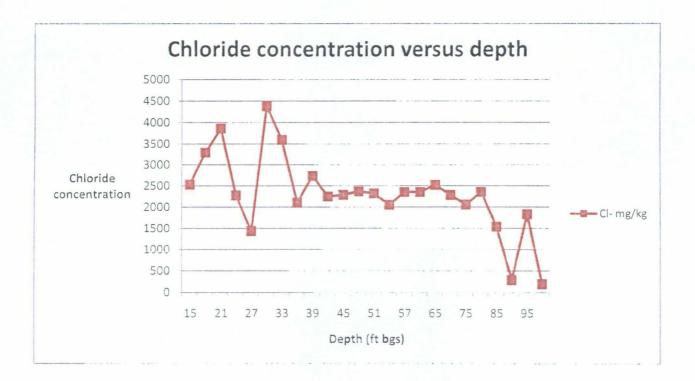
	Logger: Driller: Cońsultant: ing Method: Start Date:			Lara Weinheimer rison & Cooper, Inc. Drilling e - junction box upgrade plan Air rotary 9/25/2009	Project Mamo: Wall ID:					
Comm	End Date: ents: All sa	moles	from c	9/25/2009 uttings; a hard sandstone layer	Project Name: Well ID: BD O-36 EOL SB #1					
existed	at 96 - 99 fe	et. th-west		former junction box site. Estimated depth to GW = 134	Location: UL/O sec. 36 T21S R36E Lat: N32°25'45.44" County: Lea Long: W103°12'56.611" State: NM					
Depth (feet)	chloride field tests	LAB	PID	Description	Lithology Well Construction					
				10 - 15 ft						
				VERY FINE TO FINE SAND WITH CALICHE						
15	2532		0.6	orangey-brown, dry, no odor						
				15 - 18 ft						
-				VERY FINE TO FINE SAND WITH CALICHE						
18	3296		0.4	light orangey-brown, dry, no odor						
				18 - 21 ft	0					
				VERY FINE TO FINE SAND WITH CALICHE AND CONSOL. ROCK						
21	3863		0.2	tan, dry, no odor	O					
				COPY						
24	2274		0.4	Geo						
				21 - 33 ft						
27	1435		0.7	VERY FINE TO FINE SAND WITH CONSOLIDATED ROCK						
21	1455		0.7	light brown, dry, no odor	0					
30	4379	CI- 5520	0.6							
		GRO <10 0								
		DRO <10.0								
33	3596		0.5							
				33 - 36 ft						
		E.		VERY FINE TO FINE SAND						
36	2102		0.3	light reddish-brown, dry, no odor						

Page 1 of 3

1					
	•	•			
	39	2732		0.4	36 - 48 ft
			_		VERY FINE TO FINE SAND
					WITH CONSOL. ROCK
-	42	2247		0.3	light reddish-brown, dry,, no odoir
-					
	45	2286	_	0.4	er stationer i service
	48	2367		0.6	
		1.78			COPY
					GOF "
	51	2319	-	0.4	
•		- <mark>-</mark>			48 - 60 ft
					VERY FINE TO FINE SAND
	54	2051		0.4	WITH CONSOL. ROCK
					light orangey-brown, dry, no odor
	57	2353		0.3	
	60	2353		0.2	
					60 - 65 ft
					VERY FINE TO FINE SAND WITH SANDSTONE
	65	2519		0.6	light orangey-brown, dry, no odor
	70	2282		0.5	65 - 90 ft
					VERY FINE TO FINE SAND
					orangey-brown, slightly moist, no odor
	75	2057		0.6	Page 2 of 3



				C. Martine and C		
80	2356		0.4			
85	1539		0.2			
90	286	-	0.4			
				90 - 100 ft	-	
95	1829		0.1	VERY FINE TO FINE SAND WITH SANDSTONE	-	
				light brown, dry, no odor	-	
100	195	CI- 160 GRO	0.3	COF "		
		<10.0 DRO <10.0			0	





ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: HACK CONDER 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (575) 397-1471

Receiving Date: 09/25/09 Reporting Date: 09/36/09 Project Owner: NOT GIVEN Project Name: BD O-36 EOL Project Location: BD O-36 EOL



Sampling Date: 09/25/09 Sample Type: SOIL Sample Condition: INTACT Sample Received By: AB Analyzed By: AB/HM

LAB NUMBER SAMPLE ID

(C₃-C₁₀) (>C₁₀-C₂₈) CI* (mg/kg) (mg/kg) (mg/kg)

DRO

ANALYSIS DATE	09/29/09	09/29/09	09/27/09
H18341-1 SB #1 @ 30'	<10.0	<10.0	5,520
H18341-2 SB #1 @ 100'	<10.0	<10.0	160
Quality Control	490	514;	500
True Value QC	500	500	500
% Recovery	98.0	103	100
Relative Percent Difference	1,8	0.6	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI'. Std. Methods 4500-CI'E *Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

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H18341 TOL 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 thiny (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.

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A ARDINAL LABORATORIES	RATORIES		CHAIN-OF-CUSTODY, AND, ANALYSIS, REQUEST	CUSTC	DY.AN	ID ANAL	YSIS RI	EQUEST
101 East Marland, Hobbs, NM 88240 (505):393-2326 FAX (505) 393-2476	40 76	2111 Beechwood, Abilene, TX 79603 (325) 673-7001. FAX (325)673-7020,						
Company Name: Rice Operating Company		BILLIO			ANA	ANALYSISIREQUEST	OUEST	
Project Manager: Hack Conder		P.O. #:						
Address: 122 West Taylor		Company:						
city: Hobbs	State: NM Zip: 88240	Attn:						
Phone #: 393-9174	Fax #: 397-1471	Address:						
Project #:	Project Owner:	City:		N	ŀ			
ame: 50 (76	50°	State: Zip:	sə 	< ۱ <u>۹</u>	-1-1-	-(
an: 10 0 36	125C	*	 Lid		1 9	Ì	(
Jampler Name: Lara Weinheimer		Fax #:		8 I	se		$\frac{\sqrt{2}}{C}$	
1	MATRIX	PRESERV SAMPLING			хə			
Lab I.D. Sample I.D.	G (G)RAB OR (C)OMP. # CONTAINERS # COUNDWATER WASTEWATER SOIL OIL SUIDGE		ЯШЕ Д	<u>.</u>	 الـــــــــــــــــــــــــــــــــــ) 7	
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PLEASE NOTE: Liability and Damagar. Cardinal's flability and cliont's accinative remady for any claim anitypes. As claims inciduating those for negligence and any other cause whatever shall be deemed service. In one went and cuidants is busile for undertaint or concerptential annuages, incidential without substratements.	i arlaing whether based waived unless made fi liinitution, business un reverdess of whether i	ariting whether bared in contract or tori, shall be limited to the armount puld by the itlent for the warved uniters much in writing and received by Cerdinal within 30 days after completion of the appeticable invation, business numericant, and itera, or less to proteit another by claim, it is abbellantes areadease of the substantiant chains is based unite and writin and the article of the article of the appeticable	lid by the altent for the at completion of the applica client, its subsidiaries	able				
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Sampler - UPS - Bus - Other:	e z	5	Lweinheimer@riceswd.com	ner@rice	SWD.COI	5	- <u>-</u> -	
† Cardinal cannot accept verbal changes. Please fax v	changes. Please fax written changes to 505 393-2476	505 -3 93-2476	NEED		SAMPLES	BACK,		PLEASE

		122 PHONE:	West Taylor - (575) 393-917	NG COI - Hobbs, NM 8 74 FAX: (575) N & FIELD RE	8240 397-1471		·
CK MODEL NO.		MODEL: PG	M 7300 SI M 7600 SI	ERIAL NO: 590 ERIAL NO: 590 ERIAL NO: 110 ERIAL NO: 110	-000504 -12383		
LOT NO: FILL DAT ACCURAC	9 ۲4 ۲ <u>E:</u> ۲ ۲: +/- 2%	COMPOSITION 103 -30-09 SITE	EXPIRAT	E 100PPM / AIR ION DATE: EADING ACC VECTIO	7 – 2 ₁ . URACY: Э	1	° °, 1 pr.~ RANGE
<u> </u>		36 EOL		36			R36E
L					l		
SAMPLE		501 J.s.c			;		
DEPTH	PID	DEPTH	PID	DEPTH	PID D.L	DEPTH	PID
18	0.6	481	0.10	90'	0.4		1
21'	D. 2	51'	0.4	<i>45'</i>	0.1		
24'	0.4	54'	0.4	100'	0.3		
27'	0.7	57'	0.3				
DEPTH	PID	DEPTH	PID	DEPTH	PID	DEPTH	PID
3 '>'	0.10	Uc'	0, 2				
35'	0.5	65'	0.6				
36'	0.3	7.5'	0.5				
39'	0.4	75	0.6				
42'	0.5	80'	0.4				
	I verify the	I have calibrated th	e above instrument in	accordance to the man			
Signature _					Date	9-25-09	
SITE MAP							N



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

Receiving Date: 03/10/09 Reporting Date: 03/12/09 Project Number: NOT GIVEN Project Name: BD 0-36 EOL Project Location: BD 0-36 EOL



Sampling Date: 03/10/09 Sample Type: SOL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB/TR

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈) Cł* (mg/kg) (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE	03/11/09	03/11/09	03/11/09
H17047-1 5PT. BTTM @ 12'	<10.0	1,140	1,490
H17047-2 4 WALL COMP @ 10'x30'	<10.0	490	1,820
Quality Control	506	462	500
True Value QC	500	500	500
% Recovery	101	112	100
Relative Percent Difference	3.2	5.9	<0.1

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

13/121

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H17047 TOL RICE

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	BILL TO	P.O. #:	Company:	Attn:	Address:	City:	State: Zip:	Phone #:	Fax #:	PRESERV SAMPLING	5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 370-09 2333	1 5-10-69 5'39		or low: shall be limited to the annount pairs by the chent in the completion of the central freedwed by Candinal willing 30 days after completion of oss of use, or loss of loss of loss of uses.	Phone Research of the poore single representation of the Result: REMARKS: REMARKS:	ion CHECKED BY: (Initials)
ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240 (575) 393-2325 Fax (575) 393-2476	Company Name: A (Ce. DV P. S. S. D. B.			State: / / // Zip: 6.572 / 6	121	Project Owner:	Project Name: 2000 100 100 100 100 100 100 100 100 10	and the second	all and and the second	USE DATA	Lab D.D D.D C Sal (G)RP F C C C C C C C C C C C C C C C C C C	1110471 - 27 2072 2 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	-2 11. well convertence 1 1		E23.81: N.2. 11. Learning and Darmages. Candinates Tabling and client's exclusive remedy far any claim atricing whether based in contract or lost. Shall be limited to the amount pair by the client for the arrevest shall be described by the structure based in writing and received by Candinat within 30 days after completion of the populacitie arrevest. In no event shall be limited be limited by the direct of the populacitie arrevest. In no event shall be limited by the direct of the populacitie arrevest. In no event shall be limited by for contract by the client for the arrevest. In no event shall be limited by the direct of the populacitie arrevest. In no event shall be limited by the direct of the populacitie arrevest. In no event shall be limited by the direct of the populacitie arrevest.	Received By: Sampler Received By: Control of the Byte Sampler Received By: Relimunished By: Relimunished By: Time:	Delivered By: (Circle One) Temp. Sample Condition Sampler - UPS - Bus - Other:

+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

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RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION &-FIELD REPORT FORM

	Check Model Number:		
Model: PGM 7300 Serial No	590-000183	Model: PGM 7600	S'erial No: 110-023920
Model: PGM 7300 Serial No	590-000508	Model: PGM 7600	S'erial No: 110-013744
Model: PGM 7300 Serial No	590-000504	Model: PGM 7600	Serial No: 110-013676
GAS COMPOSITIO	N: SOBOTYLENE 100PPM/AIR:		
LOT NO: 67-3353	EXPIRATION DATE	4-12-07	
FILL DATE: 10-12-09	METER READING	ACCURACY: 100.	1
	ACCURACY : +/- 2%		

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	19-36 EOL	D	36	215	365

SAMPLE ID	PID	SAMPLE ID	PID
4 wall comp	64.5		
SAMPLE ID 4 Wall Comp 5 PT BITM.	8.5		

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

SIGNATUE: Jan Care

DATE: 3 - 0 - 09



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

Receiving Date: 03/11/09 Reporting Date: 03/16/09 Project Number: NOT GIVEN Project Name: BD 0-38 EOL Project Location: BD 0-38 EOL



Sampling Date: 03/11/09 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB/TR

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈) CI* (mg/kg) (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE	03/13/09	03/13/09	03/12/09
H17051-1 BLENDED BACKFILL	<10.0	817	1,060
Quality Control	478	529	500
True Value QC	500	500	500
% Recovery	95.6	106	100
Relative Percent Difference	6.5	10.9	< 0.1

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

nisi

03/16/09

H17051 TOL RICE

PLEASE NOTE: Ltability and Damages. Cardinar's liability and client's exclusive remedy for any dam 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 bases whatsoever shall be deemed waived witess 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 incidential or conservential damages, including, without limitation, business interruptions, liss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors driving build's invelted to the zeromance of elemeas hereunder by Cardinal, test determines based upon any of the powe-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reported except in full with writen approval of Cardinal cubercrories.

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-9/2Y F	Address:	
Project 4: Project Owner:	City:	
Project Name: 1822 02 - 56 20 c	State: Zlp:	
Project Location: $//\sqrt{2} C \leq \mathcal{E} C$		
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1 Cardinal cannot accept verbal changes. Please fax written changes to 675-393-2476.

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 FID METER CALIBRATION & FIELD REPORT FORM

	Check Mod	el Number:	_	
Model: PGM 73	00 Serial No: 590-000183	1	Model: PGM 7600	Serial No: 110-023920
Model: PGM 73	00 Serial No: 590-000508	-41	Model: PGM 7600	Serial No: 110-013744
Model: PGM 73	00 – Serial No: 590-000504 🧹	\mathcal{O}	Model: PGM 7600	Serial No: 110-013676
GAS	COMPOSITION: ISOBUT YLEN	$\sqrt{E 100 \text{PPM / AIR}}$	BALANCE	
LOT NO: 87-334	EX	PIRATION DATI	E: 9112 - 617	
FILL DATE: / e / 2 -	C ²) ME	STER READING .	ACCURACY: 100/3	Pro-

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
80	$C^{\pm}36$	Éel.	<u>z</u> -6	215	365

SAMPLE ID	PID	SAMPLE ID	PID
SAMPLE ID Recented Backspill	962		
			· · · · · · · · · · · · · · · · · · ·

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

SIGNATURE E E TO CONTRACT.

,

DATE 3-14-5



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

Receiving Date: 03/20/09 Reporting Date: 03/23/09 Project Number: NOT GIVEN Project Name: BD O-36 EOL Project Location: BD O-36 EOL



Sampling Date: 03/20/09 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: AB/HM

LAB NUMBER SAMPLE ID

GRO	DRO	
$(C_{6}-C_{10})$	(>C ₁₀ -C ₂₈)	Ci*
(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	03/21/09	03/21/09	03/23/09
H17101-1 BLENDED BACKFILL #2	<10.0	<10.0	48
Quality Control	473	535	490
True Value QC	500	500	500
% Recovery	94.6	107	98.0
Relative Percent Difference	0.7	2.9	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.

Chemist

H17101 TCL RICE

PLEASE NOTE, Liability and Damages. Cardinal's liability and glent's exclusive remedy for any clein 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 writing thitty (30) days after completion of the applicable service. In no event shall cardinal be liable for incidental or conservential stanages, including, without finitation, business interructions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors ansing out of or related to the performance of services nereuncier 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

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505, NM 88240	d, Hobbs, NM 88240 FAX (F05) 393-2476	101 East Marland, Hobbs, NM 88240
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Company Name BILL TO Ploue # Fax # Ploue # Fax # Ploue # Fax # Ploue # Eax# Sample LD. Eax# Sample LD. Eax# Sample LD. Eax# Ploue # Ploue # Ploue # Ploue # </th <th>Amounter: Zip: Zip:<th>BILL TO P.O. #: P.O. #: Company: City: State: St</th><th></th><th>ANALYSIS REQUEST</th><th></th></th>	Amounter: Zip: Zip: <th>BILL TO P.O. #: P.O. #: Company: City: State: St</th> <th></th> <th>ANALYSIS REQUEST</th> <th></th>	BILL TO P.O. #: P.O. #: Company: City: State: St		ANALYSIS REQUEST	
Time:				SAME NAGENEST)
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool - Intact [] Yo [] No	ion CHECKED BY: (Initials)	4	JAZU BARARE ALMAN	- -

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

BD 0-36 EOL

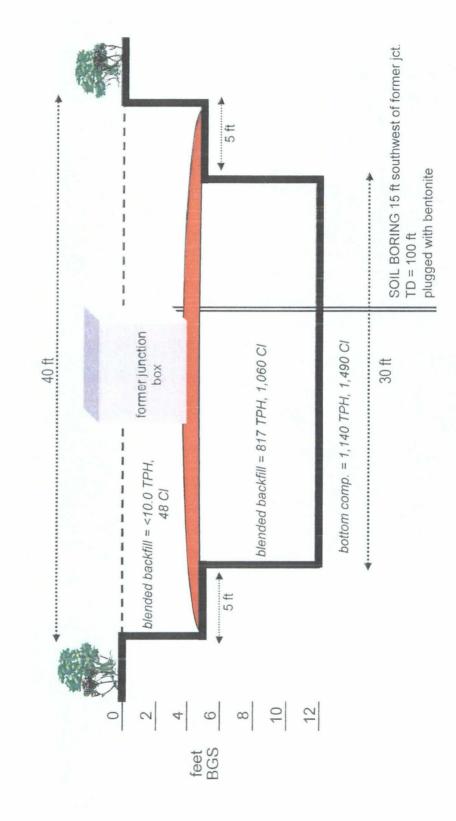
Excavation Cross-Section

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ENGLASSUP SUP	LABORATORY TE PETTIGREW & AS 1.110 N. GF HOBBS; NM (575) 393-	SOCIATES, RIMES 88240		Arshto Rið DEBRA P. HICKS, P.E./L.S.I. WILLIAM M. HICKS III, P.E./P.S.					
To:	Rice Operating Company Altn: Hack Conder 122 W. Taylor	Materiali	Cooper Red Clay						
	Hobbs, NM 88240	Test Method	ASTM: D 29	022					
Project:	General Information Project No. 2008.1069								
Date of Test:	March 18, 2009	Depth:	See Below						
	\bigcirc	Depth of Pro	be: 6"						
Test No.	Location	Dry Density % Max	% Moisture	Depth					
SG 10	Building Box - 36' W. & 12' S. of NE Corner	92.1	12.5	3' Below FG					

Control Density:	100.4 ASTM: D 698

Required Compaction: 90 - 95%

Lab No.: 09 1990-1991

Copies To: Rice Operating

Optimum Moisture: 21.6%

Densometer ID: 5357 PETTIGREW & ASSOCIATES

BY: QueiaMAat P.E.

.

RICE Operating Company

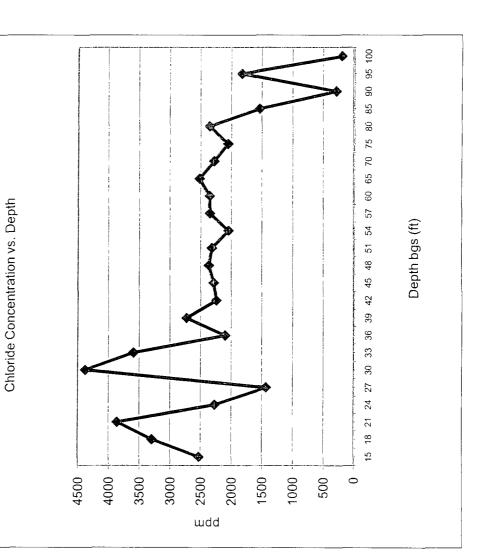
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BD 0-36 EOL Unit 'O', Sec. 36, T215, R36E

[GI]:ppm:	2532	3296	3863	2274	1435	4379	3596	2102	2732	2247	2286	2367	2319	2051	2353	2353	2519	2282	2057	2356	1539	286	1829	195
Depth bgs (fb) [G1]:ppm:	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	65	70	75	80	85	06	95	100

SOIL BORING samples at 15 ft southwest of the junction (source)



Groundwater = 134 ft