## 1R-426-167

## REPORTS

## DATE:

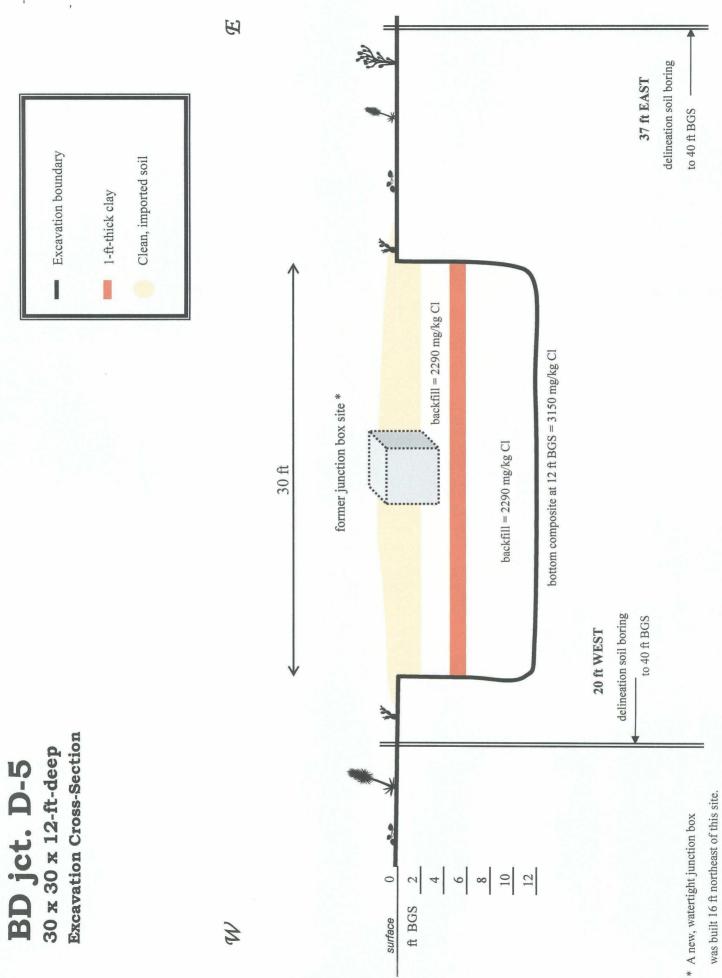
4-1-08

BD Jct D-5 |R426-167

# CLOSURE CLOSURE

## RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

<u></u>				BOX LOC	CATION		· · · · · · · · · · · · · · · · · · ·		
	UNCTION	UNIT	SECTION	TOWNSH	HP RANGE	COUN		DIMENSIONS	
Blinebry Drinkard	jct. D-5	D	5	228	37E	Lea	Length	Width	Depth
Drinkald			L	1		L	move	ed 16 ft northea	st
LAND TYPE: BLM	STA	ATE	FEE LAND	OWNER _	G.P. S	ims	OTHER		
Depth to Groundwa	ater	100	feet	NMO	CD SITE ASS	ESSME	NT RANKING S	CORE:	0
Date Started	3/27/20	007	Date Co	mpleted_	4/19/2007	N	MOCD Witness	no	<u> </u>
Soil Excavated	400	cubic ya	rds Ex	cavation	Length 30	v	Vidth 30	Depth	12feet
Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a									
FINAL ANALYTICAL RESULTS: Sample Date 4/3/2007, 4/4/2007  Sample Depth 12, 40 ft									
5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.									
laboratory and	a testing pro	cedures pu	irsuant to N	INIOCD gu	naennes.		LOCATION	DEPTH (ft)	ppm
Sample	<u>PID</u> (field	) <u>G</u> l	<u>RO</u>	DRO	Chloride	≘		7	5374
Location	ppm	mg	ı/kg	mg/kg	mg/kg			8	4119
4-WALL COMP.	5.8	<1	0.0	<10.0	2160		15 ft WEST	9	3989
воттом сомр.	7.4	<1	0.0	<10.0	3150		of jct.	10	2649
BACKFILL	13.3	<1	0.0	<10.0	2290			11	2764
SB1 20 ft W @ 40 ft	XXX	X	XX	XXX	208			12	2239
SB2 37 ft E @ 40 ft	XXX	X	XX	XXX	80		4-wall comp.	n/a	1587
							bottom comp.	12	2182
General Description o	f Romodial I	Action:					backfill comp.	n/a	1917
Ocheral Description o	i itemodiai i	ACION.	This junction	box was ad	dressed with			15	2630
the pipeline replacement pro	ogram. A new	replacement	junction box	was built 16	ft NE of the old			20	1913
box. The lumber was remo	ved from the fo	ormer box site	and was del	ineated for c	chloride and		SOIL BORING 20 ft WEST	25	850
hydrocarbon using a backh	oe to collect so	oil samples, p	roducing a 30	x 30 x 12-ft	-deep excavation	n	of jct.	30	246
Field tests yielded chloride	concentrations	that were ge	nerally consis	tent through	out with highest			35	311
concentrations west of the	site. PID readi	ngs indicated	very low hyd	rocarbon co	ncentrations			40	208
throughout. Final composite samples from the excavation were collected for laboratory analysis.									
The excavated soil was blended on site and then backfilled into the excavation to 6 ft BGS where a compacted clay barrier was installed. The remaining									
soil was backfilled on top of the clay. Clean, imported soil was spread on the surface to contour the site to the surrounding terrain. This soil was seeded with a blend of native vegetation on 4/10/2007. Soil borings for additional chloride delineation were installed at the sites of highest									
concentrations. Each boring was advanced to a depth of 40 ft where a conclusive trend of decline was observed. Each boring was plugged with bentonite.									
enclosures: photos, lab results, PID field screenings, chloride graph, boring logs, cross-section									
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.									
SITE SUPERVISOR	Darnell Mitchel	I SIG	NATURE	anull	ny tehood	, c	OMPANY RIC	E Operating Corr	ipany
REPORT ASSEMBLED BY	Kri	istin Farris Po	pe	SIGNATUI	RE	21/19	danis	Pope	
DATE	•	5/22/2007		TIT	LE		Project Scientis	t	





PHONE (325) 673-7001 - 2111 BEECHWOOD - ABILENE, TX 79803

PHONE (505) 393-2326 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 04/20/07
Reporting Date: 04/20/07
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: B.D. JCT D-5

COBA

Analysis Date: 04/20/07 Sampling Date: 04/19/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

LAB NUMBER SAMPLE ID

CI<sup>-</sup> (mg/Kg)

SB#1, 21' WEST OF SOURCE @ 40'	208
SB#2, 37' EAST OF SOURCE @ 40'	80
·	
lo	480
C	500
	96
	21
	ol .

METHOD: Standard Methods 4500-CI'B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Lope S. Morno Chemist

04-20-17 Date

H12485

# CHAIN-OF-CUSTODY AND ANALYSIS REQUESTY

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2111 Beachwood, Abliene, TX 79603 101 East Mariand, Hobbe, NM 80240 [325] 673-7001 Fax (325) 673-7020 [505] 393-2326 Fax (605) 393-2476

Company Name: N. C. Z. O. D. Z. Z. A. J. D. D.	BILLITO		ANALYSIS KEUDES
Profect Managar: RAY RAILED LICE	P.O. #:		
Address: 128 Las Torkick	Companys		
Cly C & 2 is is it			
# 국식을 약[리시 - Fax#: 공식기			,
Project F:	CIty:		
Profect Name:	Štato: Zlp:		
Profect Locallon: B.D. JCT D.5	Phana ≸:		
Samplar Ilama: D.M.	(水水)		
\$48.459.D35.Wick	MATRIX PRESERV, SAMPLING	SNI	
Lab I.D. Sample I.D. Sample I.D. Share or (C)OIMP. GOUNDWATER	IL CID/BASE: CID/BASE: LUDGE: LUDGE: CUDGE:	An	-12
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27/ Cor   C   C   C   C   C   C   C   C   C	T	2:10 Pm	7
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	on andidon Checked intact? By:		
Sampler ors - cus - other:	S ≅		

<sup>†</sup> Cardinal cannot accept varbal changes. Please lax willian changes (o (325) 673-7020.

				SOI	L BO	REC	ATA	SHEET
SYSTEM	: B.D	}		LOCAT	ION: 🎞	CT D 5	5	LANDOWNER: JOE RODIN SIMS
DGW:								SB/MW ID: 🍦
UL D		SEC. 5		TOWNS				RANGE 37 E
20 FT DEPTH(ft)	Wes	t of	SOURCE	e				
DEPTH(ft)					Cr	PID	TIME	SAMPLE DESCRIPTION
5 FT	10.8	30.6	2.83	.06	169		2:05	
10 FT	10.7	30.0	ವ.80	046	/୬୫୫		<b>3:10</b>	Medium Red
15 FT	10.7	30.6	2.85	.92	2621		2:14	
∂0FT	10.8	30.4	2.81	.68	19/0		2:16	
25FT	10.9	30.9	2.83	ه3٥ _	848		3:18	
30 FT	10.5	30.3	ಎ.೪೪	.12	345		2.20	
35.FT	10.6	30,0	2.83	011	3//		2.22	
40.Ft	10.9	30.4	2.79	80.	223		2:24	
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		<u> </u>				<b></b>		
TD @ 40 ft.								
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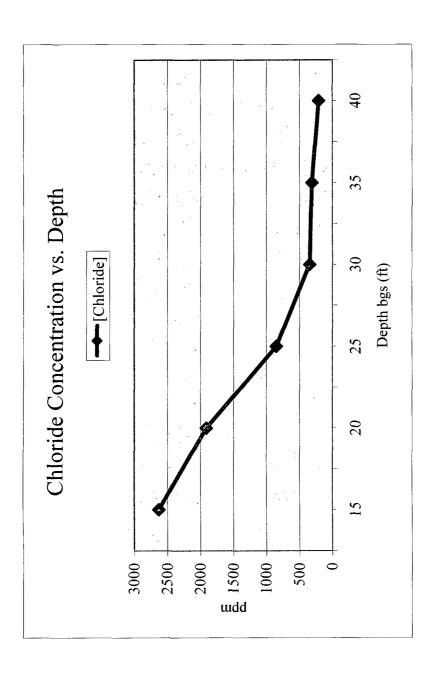
				SOI	L BO	RE C	ATA	SHEET		
SYSTEM	: B.D	<del></del>		LOCAT	ION: J	et D5		LANDOWNER: JOE ROD:N SIMS		
DGW:		GPS: 3	2°a5	638 N	1031	11.563		SB/MW ID: 2		
UL D		SEC.		TOWNS	SHIP 2	as		RANGE 37 E		
		+ OF	Sour	ce	CI	DID	TIME	SAMPLE DESCRIPTION		
DEPTH(ft)			RATIO			PID	· · · · · · · · · · · · · · · · · · ·	1		
5	10.9	30.3	2.83		141		3:07	DORK Rad 4		
10	10.3	30.7	2.93	.33	967		3:05	mediumked		
15	10.6	30.6	2.88	.17	489		₹:98			
_20	10.2	30.5	2.99	.07	209		3:10			
ટુદ	10.6	31,4	2.96	.09	266		3:12			
30	10.8	30./	2.78	.09	<u> გ</u> ნი		3:14			
35	10.7	30.4	2.84	-68	ટ્રાગ		3:16			
40	10.7	30.5	2.85		222		3:18	<u> </u>		
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TD@ 40 ft.										
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SIGN	ATURE	: Don	velln	1 He he	ep.	DATE	:4-19	7-07		

## **BD jct. D-5** unit 'D', Sec. 5, T22S, R37E

SOIL BORING 20 ft WEST of junction

[CI7] ppm	2630	1913	850	346	311	208
Depth bgs (ft)	15	20	25	30	35	40

Groundwater = 100 ft





PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603-

PHONE (505) 393-23

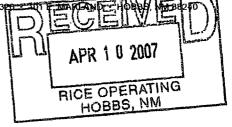
ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240

FAX TO: (505) 397-1471

Receiving Date: 04/04/07 Reporting Date: 04/05/07 Project Number: NOT GIVEN

Project Name: B.D. SYSTEM JCT. D5

Project Location: NOT GIVEN



Sampling Date: 04/03/07 & 04/04/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: BC/HM

	Que la companya de la companya della companya della companya de la companya della	DRO	
	$(C_{6}-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	CI*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS D	ATE	04/05/07	04/05/07	04/04/07
H12422-1 5 PT BOTTOM COMP		<10.0	<10.0	3150
H12422-2	4 WALL COMP	<10.0	<10.0	2160
H12422-3	BLENDED BACKFILL	<10.0	<10.0	2290
Quality Cont	rol	785	753	490
True Value (	QC	800	800	500
% Recovery	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	98.1	94.1	98.0
Relative Per	cent Difference	1.5	8.1	0.0

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

Chemist

Date

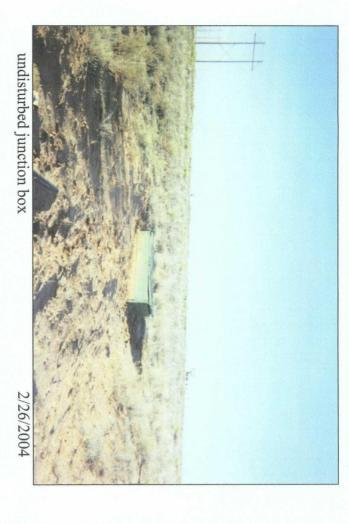


ARDINAL LABORATORIES, INC.
2111 Beechwood, Abliene, TX 79603 101 East Marland, Hobbs, NM 88240

	(325) 673-7001 Fax (325) 673-7020	020 (505) 393-2326 Fax (505) 393-2476	x (505) 393-2476		•	Pageof_	
Company Name: K	Kice opalatina c		BILL TO		ANALYSIS	REQ	
Project Manager: R	ROY RACCORD		P.O. #:				
Address: 23	W Tox LOK		Company:				7.7
CITY: Howks	State: N M	Chessaidiz	Attn:				· ·
Phone # 393 - 9114	9174 Fax#: 397	-	Address:				
Project #:	Project O		Clty:				<del></del>
Project Name: S	D System Jot. DS		State: Zip:	-			
Project Location:			<b>∄</b> :				
Sampler Name:			Fax #:		PH		
FOR LABUSE ONLY		MATRIX	PRESERV.	SAMPLING	7		
		RS TER			М		
Lab I.D.	Sample I.D.	(G)RAB OR (C # CONTAINER GROUNDWAT WASTEWATE SOIL	SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER:	TIME .	8015 CL		
11- CC HC !!-	SPT Bottom comp	-	1	07 12:15PM	7,1 7 1,		
12	4 Wall Comp	う こ フ	V 4-3-07	(			
L.	Blended BACKEII	<u></u>	W 41-4-07				
PLEASE NOTE: Liability and Dam inalyses. All daims including those f	PIELSE NOTE: Liability and Damages Cardinat's kability and client's exclusive femely, for any claim arising whether passed in contract of loct, shall be limited to the amount paid by the client for the amount paid by the client for the amount paid by the client for the amount paid of the amount paid by the client for the amount paid by the clie	g whether based in contract or tort, sh	all be limited to the amount paid by the client by which 30 days effor completion of the applicable	the	With and Conditions: Interest will be charged on all accounts more than an above each flux at 1 (1/2 of mr annum from the original data of involve.	with and Conditions: Interest will be charged on all accounts more than in the sectional date of in	yan Kinyolce
entice. In no ment that Cardinal be	ervise. In DA ware that Caronal to label for traidental or economical demagns, training without limitation, business hampatons, bear of use, or loss of profits hoursed by client, in subsidiations, and the contract of the state	bess hismudden, loss of use, or loss of whether such claim is based upon any of	end above stated rossoms or otherwise.	-	and all exits of collections, including attorney's kes.	allomey's kes.	
Sampler Relinquished:	Depart -07	Received By:	00 2	Phone Result: Fax Result: REMARKS:	THE Yes I NO		
Relinquished By:		Received By: (Lab Staff)	1(1)	M Par	THE TO RAY PASSONE	8820	
Delivered By: (Circle One) Sampler - UPS - Bus - Othe	Circle One) Bus - Other:	Sample Condition Temp, *C Intac X Ye No	Intact? By:  No (Initials)	FICE	rice s.w.v com.		

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

## BD jct. D-5



backfilling final 30 x 30 x 12 ft excavation

4/4/2007

Unit D, Section 5, T22S, R37E



vertical delineation trench at former junction site 3/27/2007



installing clay barrier at 6 ft

4/5/2007



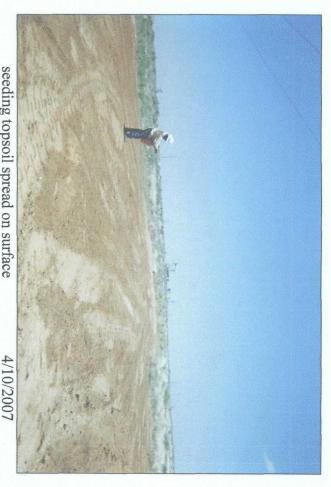
delivering topsoil to backfilled site





delineation soil borings at backfilled site









new junction box 16 ft northeast of former site

5/30/2007

## RICE OPERATING COMPANY

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

CK.	X	MODEL: PGM 761S	<b>SERIAL NO: 104412</b>
MODEL		MODEL: PGM 7600	SERIAL NO: 110-013744
NO.		MODEL: PGM 7600	SERIAL NO: 110-12383
,		MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR; BALANCE

LOT NO : 06-3079	EXPIRATION DATE: 2-6-07
FILL DATE: 6-16-06	METER READING ACCURACY: 100,2

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	D-5	D	5	22S	37E

SAMPLE ID	PID	SAMPLE ID	PID
4 WALL COMP	5.8		
Bttm 5pt comp. #1	5.5		
2	11.4		
3	9.9		
4	10.6		
5	16		
5pt bttm comp.	7.4	OPY	
blended backfill	13.3		

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

SIGNATUE: Darrell Mitchell

DATE: 4-4-07