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REPORTS

DATE:

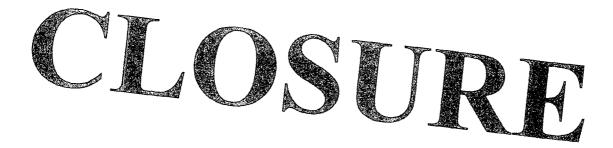
10-13-20





RECEIVED

MAT: 2.5 milli Environmental Bureau Oil Conservation Division



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RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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BOX LOCATION										
SWD SY		UNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DI	MENSIONS - F Width	EET Depth
Vacu	um 🔰	vent F-32 boot	F	32	17S	35E	Lea		system abandor	
LAND TY	PE: BL	I	STATE X	FEE LA			I	OTHER		
Depth to	Ground	water	80	feet	NMOCI	O SITE ASS	ESSMEN	T RANKING S		10
Date S	itarted	2/28/	2008	Date Co	mpleted	3/19/2008	OC	D Witness	no	
Soil Exca	avated	8 ´	cubic ya	rds Ex	cavation Le	ngth 5	Wic	th3	Depth1	4 feet
Soil Dis	posed	0	cubic ya	rds Of	fsite Facility	n	/a	_ Location	n/a	
FINAL ANA	ride labo	ratory test	results cor	npleted by	e Date using an app guidelines.			Sample Dep CHLOR	oth	14 ft ESTS
Sample		PID (fie ppm	- /	RO g/kg	DRO mg/kg	Chlorides mg/kg		LOCATION	DEPTH	mg/kġ
SOURCE 14		3.2		0.0	<10.0	224		background	6"	131
		1				<u> </u>			7'	142
General Descri	otion of F	Remedial /	Action:	This junctio	n was addres	sed under th	ie	- -	8'	223
Vacuum SWD S	ystem aba	andonment	After this j	unction was	removed, an	investigation	 1	delineation	9'	357
was conducted using a backhoe to collect soil samples at regular intervals producing a trench at the 10' 302										
5x3x14-ft-deep h	ole. Chic	oride field to	ests were pe	erformed on	each sample,	yielding low	f	ormer junction	11'	1496
concentrations.	Organic v	apors were	e measured	using a PID	, which yielde	d low	_	(source)	12'	280
concentrations.	The deep	est sample	e, 14 ft BGS,	was sent to	a commercia	al laboratory f	for		13'	370
analysis of chlori	de and TI	PH, which	confirmed lo	w concentra	tions. The ex	cavated soil		-	14'	233
was returned to t	he excava	ation and c	lean soil wa	s imported to	o top cap the	site and to		A		
contour to the su	rrounding	area. On	3/20/2008,	the site was	seeded with	a blend of na	tive veget	ation and is expe	ected to return	to a
productive capac	ity at a no	ormal rate.								
						er	nclosures: p	hotos, lab results,	PID screenings	s, chloride curve
				<u> </u>	·····		······			
I HE					VLEDGE AN		ND COMF	PLETE TO THE	BEST OF N	
REPORT ASSEMBLED		Katie Jone		INITIAL	KS					
PROJECT LEADE	R <u>Larr</u>	y Bruce Bal	<u>ær Jr.</u> SIG	NATURE 🟒	any B	me Bu	her fr	. DATE	10-1	3-08

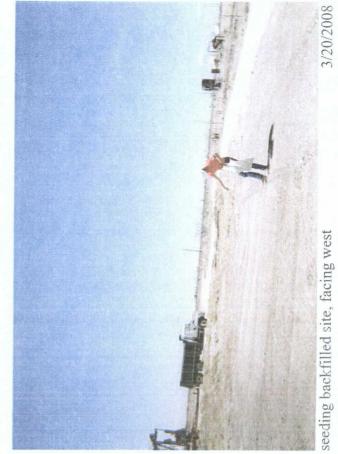
Vacuum vent F-32 boot





Unit F, Section 32, T17S, R35E







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

Receiving Date: 03/03/08 Reporting Date: 03/04/08 Project Owner: NOT GIVEN Project Name: VAC. VENT F-32 BOOT Project Location: NOT GIVEN



Sampling Date: 02/27/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: NF Analyzed By: CK/KS

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE	03/03/08	03/03/08	03/03/08
H14360-1 SOURCE @ 14' BGS, GRAB	<10.0	<10.0	224
Quality Control	547	509	510
True Value QC	500	500	500
% Recovery	109	102	102
Relative Percent Difference	4.6	6.2	4.0

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

Reene

105/08

Date

H14360TCL 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 peid 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 thirty (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



COP CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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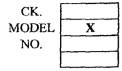
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Project Name:	VAC VENT F-32 BOOT						St	State:		Zip:		<u> </u>	يتماري المتع		و مورد است		a di Persit			10,000	on +				ata ana an
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Sampler Name: ROY R. RASCON	OY R. RASCON						Fa	Fax #:					بسيتنبع	-								بالمروعية		,	est in the
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LAB ID #		CONT'A BRAB C		METEM	TI	NDCE r	HEK:	SA8/QIC	E/COO	: भारत		في حجي المعالية	5108 Ha	ويتبارك والكث	K.		an a					and Changer			<u></u>
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* Canadiant arrent 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



MODEL: PGM 7600SEIMODEL: PGM 7600SEIMODEL: PGM 7600SEIMODEL: PGM 7600SEI

SERIAL NO: 110-013676 SERIAL NO: 110-013744 SERIAL NO: 110-012383 SERIAL NO: 110-012920



GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
	VENT F-32				
VAC	BOOT	F	32	17S	35E

PID	SAMPLE ID	PID
8.1		
6.6		
6.2		
5.9		
	999-999-999-999-999-999-999-999-999-99	
1	,	
	8.1	8.1 6.6 6.2 5.9 5.7 4.3 4

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

SIGNATURE: Hoy R. RASCOM

DATE: 2-28-08

CHLORIDE CONCENTRATION CURVE

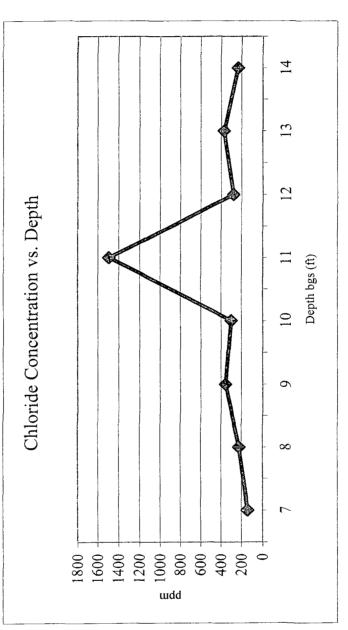
Vacuum vent F-32 boot

Unit 'F', Sec. 32, T17S, R35E

Backhoe samples at junction (source)

Res and all				_	_	_	
[CI] ppm 1.12	142 223	357	302	1496	280	370	233
Depth bgs (ft)	8	<u>6</u>	10	11	12	13	14

Groundwater = 80 ft



RICE Operating Company