1R - 425 - 100

REPORTS

DATE:

2-1-11

1R425-100

Vacuum M-31 EOL

2010



APR -1 2011

Oil Conservation Division 1220 S. St. Francis Dive Santa Fe, NM 8750.

CLOSURE

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

					BOX LOC	ATION				
	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHI	P RANGE	COUN		MENSIONS -	
	Vacuum	M-31 EOL	м	31	17S	35E	Lea	Length	Width	Depth
		<u> </u>							Eliminated	
	LAND TYPE:	BLM	STATE X	FEE LA	ANDOWNER			OTHER		
	Depth to Grour	ndwater	95	feet	NMOC	D SITE ASS	ESSME	NT RANKING S		10
	Date Started	10/18	/2010	Date Co	ompleted	10/25/201	00	CD Witness	no	
	Soil Excavated	1.9	cubic ya	rds Ex	cavation 1	.ength 5	V	/idth 2	Depth	5feet
	Soil Disposed	0	cubic ya	rds O	ffsite Facilit	yi	n/a	Location	n	/a
FINA		ICAL RE	SULTS:	Sam	ple Date	10/20/20	010	Sample De	pth	5 ft
TPH	and Chloride la testin	boratory tes g procedure		• •		•	and	CHLOR	ide field	TESTS
	Sample Location	PID (fie	<i>'</i>	RO a/ka	DRO mg/kg	Chloride mg/kg	e	LOCATION	DEPTH	mg/kg
so	Location ppm mg/kg mg/kg <t< td=""></t<>									
		I					J		2'	505
								vertical delineation	- 3'	770
Gono	al Description	of Pomodi	al Action:	This junctio	n hay was as	Idrocod duri		trench at the	4'	295
	-						-	junction (source)		142
	cuum SWD Syste								ວ	142
	pation was conduc					-				
	g a 5x2x5-ft deep									
	vapors which yie									
					-	-		PH which confirm		
				-				iding area. On 10	/25/10, the s	ite was
seedeo	with a blend of r	native vegetat	tion and is ex	pected to re	turn to a pro	ductive capac	ity at a no	rmal rate.		
						enclosures:	photos, la	ab results, PID (fie	ld) screening	s, chloride curve
	I HEREBY	CERTIFY	THAT THE			VE IS TRUE		OMPLETE TO T	HE BEST (DF MY
SITE SI		John Harris	on SIG		All	Hn.	<u>ie</u>	COMPANY	RICE OPER/	ATING COMPANY
	EPORT SEMBLED BY	Zach Cond	er	INITIAL	3.C					
PROJE	CT LEADER	arry Bruce Ba	ker Jr. SIG	NATURE	Larry B	ruce Bah	er pr.	DATE	2-1-	- 11

Vacuum M-31 EOL



Digging initial vertical delineation trench

10/18/2010



Unit M, Section 31, T17S, R35E





10/25/2010

Seeding site

Backfilling site

10/25/2010



Analytical Results For:

Rice Operating Company Bruce Baker 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

Received:	10/20/2010	Sampling Date:	10/20/2010
Reported:	10/21/2010	Sampling Type:	Soil
Project Name:	VAC M-31 EOL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOURCE @ 5' (H021109-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/21/2010	ND	416	104	400	0.00	
TPH 8015M	mĝ,	/kg	Anaiyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2010	ND	168	84.1	200	6.29	
DRO >C10-C28	<10.0	10.0	10/21/2010	ND	191	95.7	200	11.4	
Surrogate: 1-Chlorooctane	95.7	% 70-130							

Surrogate: 1-Chlorooctadecane 92.6 % 70-130



Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Lability and Damages. Cardinal's lability and cherit's exclusive remedy for any dam artising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All dams, including those for negligence and any other cause withsome exclusive restail be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be labele for incluental or consequencial damages, including, without intervations, loss of use, or loss of whether such daims based upon any of the above stater deavore stater teams or otherwise. Result relate identified above. This report shall not ereproduced exercision in them approval of Cardinal Laborationes.

Celer Seene

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

 Rest ABORATORIES
 101 East Marland, Hobbs, NM 88240
 2111 Beechwood, Abilene, TX 79603

	(505) 393-2326 FAX (505) 393-2476	(325) 673-7001	~ 1 1				والمتعادية والمحافظة
Company Name:	e: Rice Operating Company		BILLIO			ANALYSIS REQUEST	
Project Manage	Project Manager: Hack Conder BRUCE &	BAKER	P.O.#:				
Address: 122			Company:			รเ	
City: Hobbs	State: NM	M Zip: 88240	Attn:			10	
Phone #: 575-393-9174		Fax #: 575-397-1471	Address:			iu	
Project #:	Project Owner:	wner:	City:				
Project Name: 1/4C	M-31E		State: Zip:	۱ £ səp			
Project Location:	in:		Phone #:		Ξ.		
Sampler Name:	Sampler Name: Robert Harrison			DIL	18		
FOR LAB USE ONLY		o. MATRIX	PRESERV. SAMPLING	C			
		RS RER					
Lab I.D.	Sample I.D.) 90 8/ JUIATV AWQNU ITAWJI ITAWJI	COOL BASE: ER :			noJ	_ <u>_</u> ,,,,
		ояа 4 соі	ACID/	TIME			
H21109-1	SOURCE @ 5'	~		9:30 1 1			
	F						
					4		
					2		
					2		
PLEASE NOTE: Liability a analyses. All claims includ. service to narvent shall C	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remech for any claim arking whether based in contract or lort, sha composts. All carding the for or regions and any other exclusive remander with the damagement of the smaller ba and structures are carding the first profession and any other conservations demages to that the other damagement	edy for any claim arising whether based in contract or lor, hall be deemed waived unless made in writing and receiv orbiding writionr limitation (historee interrutings cost or so the	whether based in contract or fort, shall be limited to the amount paid by the client for the unless made in writing and recorder De Cardinal with 30 days after complete on the applicable to histowast incriming and recorder or how online norm of the channel in the intraviational provides and the second second recorder or the second of the second of the second se	by the client for the completion of the applicable and its subsidiaries	D	6	
afiliates of successors arising	Boilinguistics or successors atteining out of or related to the performance of services hereand Doilinguistics the DRU:	es hereunder by Cardinal, regardless of whether such claim	diess of which its such claim is based upon any of the above stated real of the above stated real to the above stated real A Division of the above stated real to the above stated real A Division of the above stated real to the above stated real A Division of the above stated real to the above stated real A Division of the above stated real to the above stated real	Ļ		∆rid' Dhone #:	ومعاديك المتعالم المتعارف والمحاولة المحاولة المحاولة المحاولة المحاولة المحاولة المحاولة المحاولة المحاولة الم
		-				Add'l Fax #:	a
KODel	KODER Harrison			KEWARNS.			
Relinquisher By		Received By:		email results			
	W. home	- LIDOL JAR	JUDY	Bhakar@rice	and con	Bhakar@ricaswd_com: Kionas@ricaswd_com:	
Delivered BV		in the	tion CHECKED BY: (Ihilitajs)	Rogans@riccswd.com	eswa.con	1, HULES CHECOMULCUII, B Phanison Dare subd. COM	(, com
Sampler)- UPS	i - Bus - Other:		No CAN)			
† Cardinal	† Cardinal cannot accept verbal changes. Please fax wri	lease fax written changes to 505-393-2476	· 505-393-2476	NEED	SAMPLES	TRAPK PILEASE	Ц С Ц
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		•	66				

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RICE OPERATING COMPANY

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

Check Model Number:

X	

Model: PGM 7300SeriaModel: PGM 7300SeriaModel: PGM 7300Seria

Serial No: 590-000183 Serial No: 590-000508 Serial No: 590-000504

Model: PGM 7600 Model: PGM 7600 Model: PGM 7600 Serial No: 110-023920 Serial No: 110-013744 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOTNO: 930737	EXPIRATION DATE:	10-16-	13	
	METER READING ACCURACY:	160-1-	ć	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	M-31	M	31	175	35E

SAMPLE 1D	PID	SAMPLE ID	PID
Source QUY!	0.6		
Source Q.41 Cource Q.41 Q.5	0.4		
<u></u>			
		COPY	
— <u> </u>			

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

SIGNATUE: zae/CC

DATE: 10-20-10

RICE Operating Company

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Vacuum M-31 EOL Unit 'M', Sec. 31, T17S, R35E

Backhoe samples at the junction (source)

[CI] ppm	505	022	295	142	
Depth bgs (ft)	2	3	4	5	



