## 1R-425-78

### REPORTS

DATE:

11-13-09

#### Vacuum Jet A-7 2009

RECEIVED

APR - 6 2010

Environmental Bureau Oil Conservation Division

#### CLOSURE

#### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

Environmental Bureau
Oil Conservation Division

**BOX LOCATION** 

S	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		MENSIONS - FE	ET
	Vacuum	Jct. A-7	А	7	1 <b>8</b> S	35E	Lea	Length!	Width	Depth
<u></u>			<u> </u>	<u> </u>		<u> </u>			eminiated	
LA	AND TYPE: E	BLM	STATE X	FEE LA	NDOWNER			OTHER		
D	epth to Grour	ndwater	102	feet	NMOCE	SITE ASS	ESSMENT	RANKING S	CORE:	10
	Date Started	6/18	/2009	Date Co	mpleted	6/18/2009	OCD	Witness	no	
Sc	oil Excavated	n/a	cubic ya	rds Exc	cavation Le	ngth <u>n/a</u>	Widt	n <u>n/a</u>	Depthn/i	afeet
S	Soil Disposed	0	cubic ya	rds Off	site Facility	n	/a	_ Location	n/a	
FINAL ANALYTICAL RESULTS: Sample Date 6/18/2009 Sample Depth 6 ft										
TPH an	nd Chloride la testin	•		mpleted by ι to NMOCD	-	proved lab a	nd	CHLOR	IDE FIELD TE	STS
	Sample	PID (fie		RO	DRO mg/kg	Chloride		LOCATION	DEPTH	mg/kg
SB	#1 6' GRAB			g/kg 10.0	<10.0	mg/kg 16		packground	6"	145
L,					·····	L		1	2'	289
General	Description	of Remedi	al Action:	This junction	n was addres	sed during th	ne	vertical	3'	150
Vacuum SWD System Abandonment. An investigation was conducted at the former delineation at the junction 4' 151										
junction box site using a air-rotary drilling rig to collect soil samples at regular intervals.  the junction (source) 5' 143										
Chloride field tests were performed on each sample which yielded low concentrations.  (source)  (source)  (source)  143										
Organic v	vapors were m	easured usir	ng a PID which	ch also yielde	ed low concer	ntrations. Th	e -	1		······································
deepest s	sample, 6 ft B0	SS, was sent	to a comme	rcial laborato	ry for analysi	s of chloride	and TPH.	Lab analysis co	onfirmed low co	ncentrations
of each.	The entire bor	e hole was p	olugged with	bentonite to t	he ground su	ırface. Clea	n, imported	soil was used	to contour the s	ite to the
surroundi	ing area. On 6	3/25/2009, th	e site was se	eded with a	blend of nativ	ve vegetation	and is exp	ected to return	to a productive	capacity at
normal ra	ite.							A accept		
enclosures: photos, lab results, PID (field) tests, chloride curve										
								11		
	I HEREB	Y CERTIFY	THAT THE		TION ABOV			PLETE TO TI	HE BEST OF I	MY
	ERVISOR	Jordan Woo	odfin SIG	SNATURE	/gr.der	n Wow	uf	_ COMPANY	RICE OPERATII	NG COMPANY
	ORT MBLED BY	Katie Jone	es	INITIAL	K)		<i>y</i>	# 1 1 / 1		
PROJECT	LEADERL	arry Bruce Ba	ker Jr. SIG	SNATURE	lany Br	nce Ba	ker Ar.	_ DATE	11-13	-09
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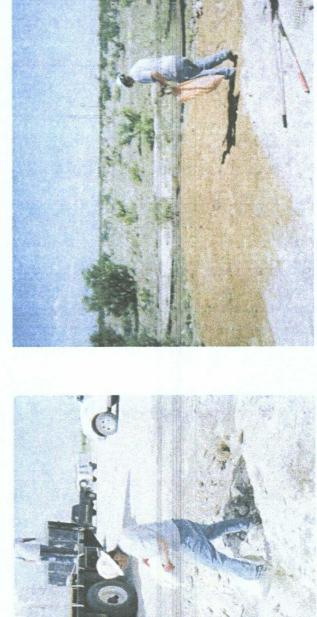
## Vacuum Jct. A-7



former junction box location



drilling SB #1 at the former junction box location



6/18/2009

plugging SB #1 with bentonite

seeding backfilled site

6/25/2009



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

Receiving Date: 06/19/09 Reporting Date: 06/22/09

Project Number: NOT GIVEN
Project Name: VACUUM JCT A-7
Project Location: VACUUM JCT A-7

onP'

Sampling Date: 06/18/09

Sample Type: SOIL

Sample Condition: GOOL & INTACT

Sample Received By: ML Analyzed By: AB/HM

GRO DRO (C<sub>6</sub>-C<sub>10</sub>) (>C<sub>10</sub>-C<sub>28</sub>)

CI\*

LAB NUMBER SAMPLE ID

(mg/kg) (mg/kg)

(mg/kg)

ANALYSIS DATE	06/20/09	06/20/09	06/19/09
H17670-1 SB #1 @ 6FT	<10.0	<10.0	16
			<u> </u>
			,
Quality Control	514	551	500
True Value QC	500	500	500
% Recovery	103	110	100
Relative Percent Difference	4.0	5.7	<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. Reported on wet weight.

Chemist

Date

H17670 TCL RICE

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79503

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(505) 393-2326 FAX (505),393-2476 (325) 673-7001 FAX (325)673-7020	

Company Name: Project Manager:	(CLEOPERATING		B/LL 70		ANALYSIS REQUEST	
r Uject Marage	)		r.O. #:			
Address: [2]	2 TAYCOR		Company:	4.1.2		
City: PQ	City: + 10839 State/ 1/1/Zip: 98	p: 88 220	Attn:			
Phone #: 323-91	3-9174 Fax#:		Address:	Calaboration	- (i	
Project#:	Project Owner:		City:			
Project Name:	Vacuum Zet A	ر-	State: Zip:	<del>\</del>		
Project Location:		7,	Phone #:	V	7	
Sampler Name:	TORDAN WOODE	W	Fax #:	31		
FUR LAB USE UNLY		MATRIX	PRESERV. SAMPLING	26		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	719 В В В В В В В В В В В В В В В В В В В	-17 -17		
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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#### RICE OPERATING COMPANY

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



		Check 1	Model Number:	11		
		590-000183		Model: PGM 7600	Serial No: 110	
		o: 590-000508		Model: PGM 7600	Serial No: 110	
Model	: PGM 7300 Serial No	590-000504		Model: PGM 7600	Serial No: 110	-013676
		ure .		! !		
	GAS COMPOSITIO	N: ISOBUTYI	LENE 100PPM / AIR	BALANCE		
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SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE	
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I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATUE / redar Wood

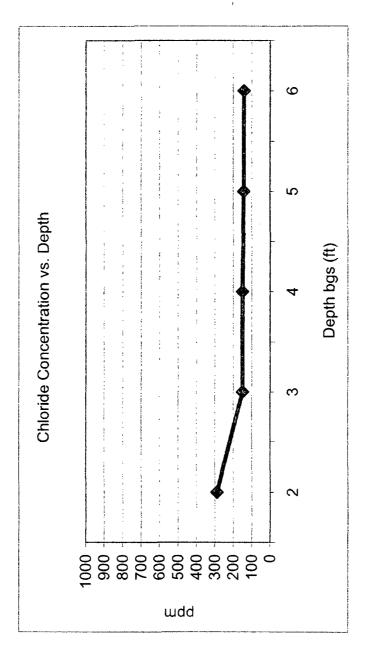
DATE: 6-18-05

# Vacuum Jct. A-7

Unit 'A', Sec. 7, T18S, R35E

Soil Boring samples at the junction (source)

[CI] ppm	289	150	151	143	142
Depth bgs (ft)	2	3	4	5	9



Groundwater = 102 ft