<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Form C-141 Revised October 10, 2003

Release Notification and Corrective Action

						OPERA	ГOR] Initia	al Report	\boxtimes	Final Repor
Name of Co	mpany R	Lice Operatin	g Compa	ıny		Contact Tony Grieco						
Address 12	22 W. Tay	lor St., Hobb	s, NM 8	8240		Telephone No. (505) 393-9175						
Facility Nar	ne BD.	ICT N-9				Facility Typ	e Salt Water G	athering S	System			
Surface Ow	ner Charl	ie Bettis		Mineral C)wner	Lease No.						
				LOCA	TIO	N OF REI	FACE					***************************************
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/Wes	at I ine	County		
N	9	22S	37E	1 cet nom the	14011	is Soddi Enic	1 cet nom ale	Last Wes	se Line	Lea		
.,												<u>. </u>
				Latitude 32° 2	<u> 4.015</u>	N Longitud	e 103° 10.200W	<u>/</u>				
				NAT	URI	E OF REL						
Type of Rele							Release 945 bar			Recovered		
Source of Re	lease Poly	SWD pipeline	;			N/A	lour of Occurrence			Hour of Dis 11:35 AM	covery	7
Was Immedia	ate Notice (Given?					Whom? Chris		123100	11.33 AIVI		
, , , , , , , , , , , , , , , , , , , ,	110110		Yes [No 🗌 Not Re	equirec			***************************************				
By Whom?							lour 7/23/06 4:4					
Was a Water	course Read			7		If YES, Vo	olume Impacting t	the Waterco	ourse.			
		Ц	Yes 🗵] No								
		pacted, Descr	·									
		em and Reme		n Taken.* ew one as a perma	nent re	epair.	44-1-4-4	4 /				······································
appropriate d	isposal faci	lity. The entir	re impacte	ten.* A vacuum tr d area was scrape hoe. Clean soil w	d to a	depth of 4 inch	es and the contan	ninated soi	l hauled	to the Sund	ance fa	acility. The
the landowne	r.											
regulations all public health should their of or the environ	I operators or the envi- perations h iment. In a	are required to ronment. The ave failed to a	o report ar acceptand adequately ICD accep	is true and comp ad/or file certain re se of a C-141 report investigate and re stance of a C-141	elease ort by t emedia	notifications as he NMOCD mate contaminati	nd perform correct arked as "Final R on that pose a thr	ctive action eport" does eat to grou	s for reles not relend	eases which ieve the ope r, surface wa	may en rator on ter, hu	ndanger f liability ıman health
		-/					OIL CON	SERVA	TION	DIVISIO	N	
Signature:	100	, m								_		
Printed Name	: Tony Gi	rieco				Approved by	District Supervise	or:	us /	Velle	en.	-
Title: Enviro	nmental Te	ch				Approval Dat	e: 7/17/0	7 Exp	oiration	Date: 7	/17/	107
E-mail Addre	ss: tgrieco	@riceswd.com	n			Conditions of	Approval:			Attached		/
Date:	May 9,	2007	Phor	ne: (505) 631-2532	,					Addition	_	
* Attach Addit				(000) 031 2332								

N

BD N-9 LEAK

Excavated Area

U/L N SEC 9 T22S R37E 32* 24.015 N 103* 10.200 W

HAND AUGER AND VERTICAL CI AND PID

All MEASUREMENTS IN PPM

Scraped area boundary

TRENCH 1

OA

To Trull Rd



GW 70 ft

AUGER	Α	
DEPTH	CI	PID
S	88	0
1'	122	0
AUGER DEPTH S 1' 2'	420	0

AUGER		
DEPTH 1'	CI	PID
1'	165	0.9
2' 3'	111	2.7
3'	116	12.0

AUGER C						
DEPTH	CI	PID				
1'	125	1.2				
2' 3' H	87	2.1				
3' H.	ARD F	ROCK				

AUGER D						
DEPTH	CI	PID				
1'	185	1.0				
2'	897	11.3				
3'	858	0.7				

AUGER E						
DEPTH	CI	PID				
1'	144	480				
2'	144	29.4				
3.	168	5.0				

TRENC	H #1	J
DEPTH	CL	PID
1'	114	9.1
2'	363	9.6
3'	453	11.6
4'	486	6.7
5'	369	58.6
6'	242	1.8
7'	265	2.7
8,	145	20.5
9'	115	1.9

Approximate extent of original leak area

	TRENC	H #2	
	DEPTH	CI	PID
	1'	118	6.3
	2'	440	32.3
	3'	419	671
	4'	651	763
	5'	307	1866
	6'	227	1628
	7'	213	1919
	8'	149	1609

į				
	<u> </u>	TRENCH	1 #2 A	FTER
DENOU 40	<u> </u>	ENLARC	SING	10x10
RENCH #2	; LSP	COMP	CI	PID
EPTH CI PID	Pipeline	4 WALL	374	947
118 6.3		FLOOR	394	861
440 32.3				
419 671	LAB RESULTS	CI	GRO	DRO

TRENCH 2

TRENCH #1	9'	64	<10	<10
TRENCH #2				
4 WALL		512	158	843
Benzene/Toluei	ne/Eth	yl Benzer	ne/Total)	(ylenes
<0.005 0.00	60	0.927	3.	96

Pipeline.

Lease Road

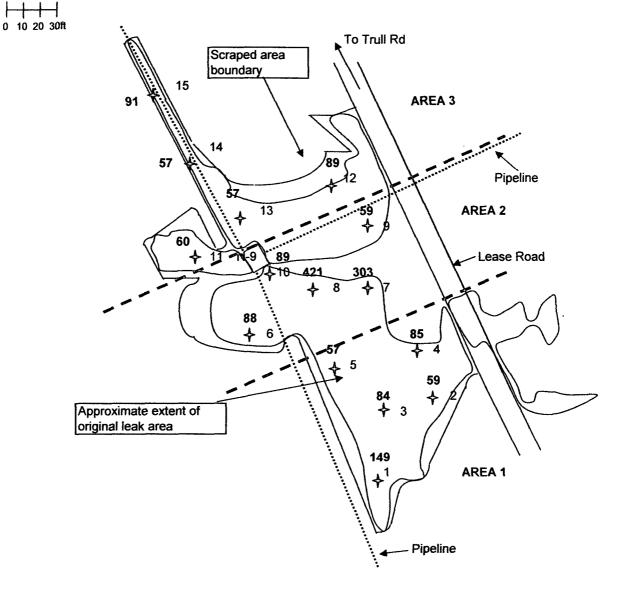
N 1

BD N-9 LEAK

Excavated Area
U/L N SEC 9 T22S R37E
32* 24.015 N 103* 10.200 W

CI SAMPLES FROM SURFACE

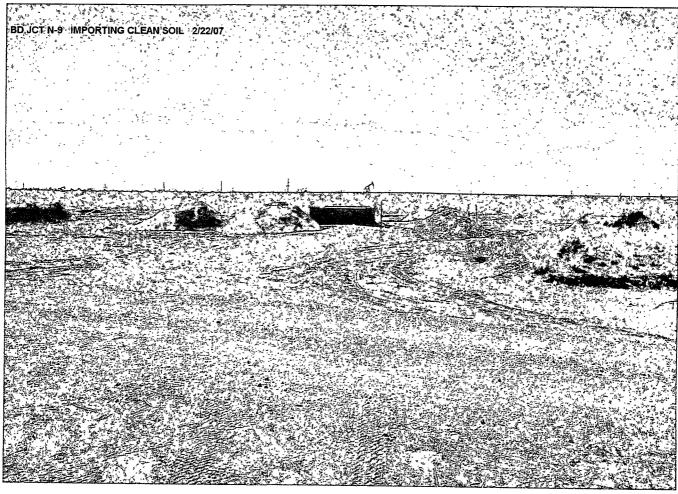
AFTER SCRAPING, BEFORE IMPORTING SOIL

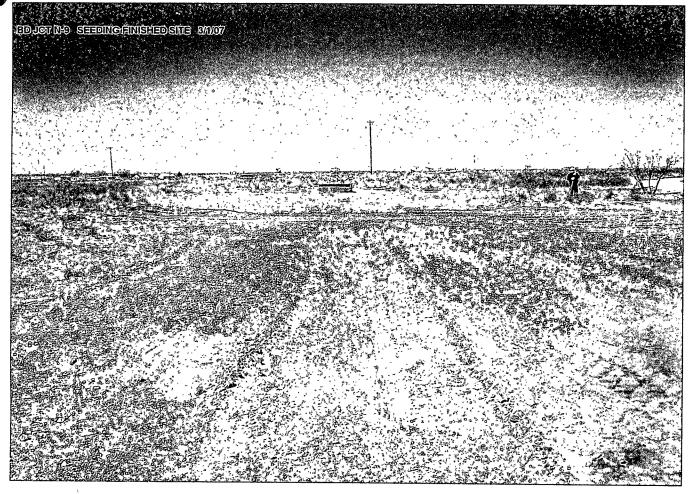


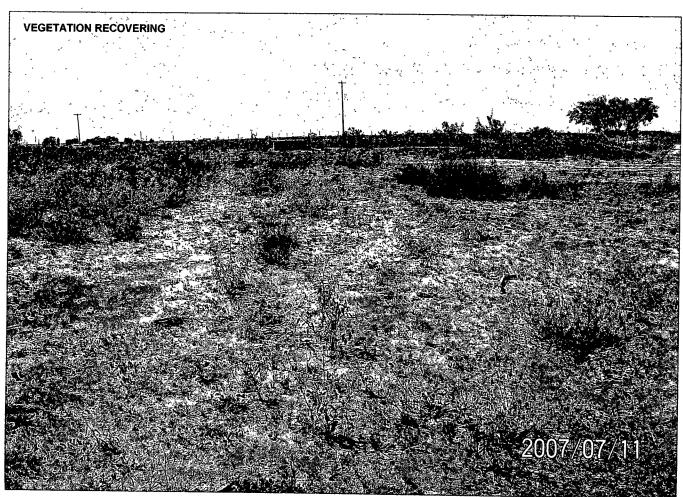
COMPOSITES

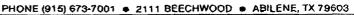
OOM OOTES						
	FIELD CI	PID	LAB	CI	GRO	DRO
AREA 1	89	1		64	<10	18.9
AREA 2	194	0		208	<10	<10
AREA 3	86	0		16	<10	<10













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

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

FAX TO: (505) 397-1471

Receiving Date: 02/07/07 Reporting Date: 02/09/07

Project Number: NOT GIVEN

Project Name: BD N-9

Project Location: NOT GIVEN

Sampling Date: 01/31/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: BC/HM

ANALYSIS DATE	02/09/07	02/09/07	02/07/07
H12163-1 VERTICAL #1 9'	<10.0	<10.0	64
Quality Control	798	799	490
True Value QC	800	008	500
% Recovery	99.7	99.9	98.0
Relative Percent Difference	0.2	0.2	0.0

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

Buy et Al Cook

Date

ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 796

Cardinal cannot accept verbal changes. Please fax written changes to (915) 573-7020.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		od, Abilene, TX 7960 01 Fax (915) 673-70:												•						Pagé	of	
Company Name: RICE Operating											8110-90						ANA	YSIS	REQU	EST	AND PARTY COLUMN	AND PROPERTY.
Project Manager:	Roy Raskor								P.C). <i>(</i>	ustar İ					Telegraphic Section 1	7.	Tecautaut ste	MATERIAL MATERIAL SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND	THE PERSON NAMED IN COLUMN	1	
Address: 126									Company:									1				1 1
city: Habl	25	State: NM	ZIP	: 9	(8)	V	0		Attn:						7			l				
City: Hobbs State: NM Zip: 88240 Phone #: 393-9174 Fax#: 397-1471									Address:													
Project #: Project Owner:									City:						7		1	}				
Project Name: BD N - 9									State: Zip:							1						
Project Location:		<u> </u>							_		#:			·	7		1				!	
Sampler Neme:	TONY GRIECO								Fax #:							7						
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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS. NM 88240

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

Receiving Date: 02/09/07 Reporting Date: 02/14/07 Project Number: NOT GIVEN

Project Name: BD N-9

Project Location: NOT GIVEN

Sampling Date: 02/08/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: BC/HM

ANALYSIS DATE	02/13/07	02/13/07	02/09/07
H12180-1 VERTICAL #2 4 WALL COMP.	158	843	512
Quality Control	752	784	500
True Value QC	800	800	500
% Recovery	94.0	97.9	100
Relative Percent Difference	7.0	0.5	1.0

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 Chemist

Date

H12180



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

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

Receiving Date: 02/09/07 Reporting Date: 02/14/07 Project Number: NOT GIVEN

Project Name: BD N-9

Project Location: NOT GIVEN

Sampling Date: 02/08/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE	02/12/07	02/12/07	02/12/07	02/12/07
H12180-1	VERTICAL #2 4 WALL COMP.	<0.005	0.060	0.927	3.96
		•			
-		1	İ .		

<u> </u>	 •			
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0 1 0 1	0.400			
Quality Control	 0.103	0.101	0.103	0.298
True Value QC	 0.100	0.100	0.100	0.300
% Recovery	 103.0	101	103	99.5
Relative Percent Difference	3.1	1.4	2.9	0.5

METHOD: EPA SW-846 8260

Chemist

Date



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (Page	of	
Company Name: Kice operation Co.									BILL TO							ANAL	YSIS.	REQU	JEST		
Project Manager: ROY RAECONC																					
Address: 122 W Tarkor								Company:												Ì	
city: Hobbs	State: N M	ZIp:	8	88	47)		Attn:													1
Phone #: 국가용 - 기기시	Fex#: 397 -	- 16	17	1				Address;													
Project #: Project Owner:									y;												1
Project Name: BD N-9									State: Zip:						İ						1
Project Location:								Phone #:													
Sampler Hame: Tony Greeo								Fax #:							i	15.7					
I LAB USE CHLY					М	ATRI)	<		Pf	RESE	RV.	SAMPL	ING	(A	1	5					
Lab I.D. Sample I.D		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OII.	SLUDGE	OTŅER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CHLORID	BIEX	TP1 80					
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[†] Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avelue, Artesia, NM 88210
District III
1000 Rio Brazza Rosal, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Date: 7/27/06

Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action **OPERATOR** ☐ Initial Report Final Repo Contact: Jennifer Johnson Name of Company: Rice Operating Company Telephone No.: 505-393-9174 Address: 122 West Taylor Facility Type: Salt Water Gathering System Facility Name: BD N-9 (07/06 Lease No.: Mineral Owner: Surface Owner: Charlie Bettis LOCATION OF RELEASE North/South Line | Feet from the East/West Line County Unit Letter Section Township Range Feet from the Lea 9 **22S** 37E N Latitude: 32*24.015N Longitude: 103*10.200W NATURE OF RELEASE Volume of Release: 945 barrels Volume Recovered: 670 barrels Type of Release: Produced Water with Oil Date and Hour of Occurrence Date and Hour of Discovery: Source of Release: Poly SWD pipeline 2627282 N/A 7/23/06 11:35 am Chris Williams Was Immediate Notice Given? Date and How 7/23/06 By Whom? Melanie Franks If YES, Voltane impacting the Was a Watercourse Reached? Rečeiveo ☐ Yes ☑ No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* A valve busted. The valve was replaced with a new one. Describe Area Affected and Cleanup Action Taken.* Approximately 1/4 of an acre was affected. A vacuum truck was used to pick up standing fluid. Investigation and Characterization Plan to follow. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Signature: Approved by District Supervisor: Printed Name: Jennifer Johnson Title: Environmental and Field Technician Approval Date: **Expiration Date:** E-mail Address: jjohnson@riceswd.com Conditions of Approval: Attached

Phone: 505-393-9174