1R-426-118

REPORTS

DATE:

2-13-07

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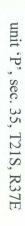
Environmental Bureau
Oil Conservation Division

Closure

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

SWD SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE COUNTY NEW BOX DIVISIONS - FEET BD P.35 vert P 35 21S 37E Lea Length Welft Deeph no box-jct. eliminated LAND TYPE: BLM STATE FEE LANDOWNER Geraldino Oabom OTHER Depth to Groundwater 44 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20					BOX FOCE	TION	· · · · · · · · · · · · · · · · · · ·			
BD P-35 vent P 35 215 37E Lea no box-jet eliminated	SWD SYSTEM J	UNCTION	UNIT	SECTIO	N TOWNSHI	P RANGE	COUNT			
LAND TYPE: BLM STATE FEE LANDOWNER Geraldine Oaborm OTHER Depth to Groundwater 44 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 Date Started 9/26/2005 Date Completed 8/8/2006 NMOCD Witness no Soil Excavated 333 cubic yards Excavation Length 30 Width 25 Depth 12 fee Soil Disposed 0 cubic yards Offsite Facility n/a Location ppm m/s/s m/s/s m/s/s m/s/s M/s/s Location ppm m/s/s	BD F	P-35 vent	P	35	21S	37E	Lea	ļ	<u> </u>	
Depth to Groundwater 44 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 Date Started 9/26/2005 Date Completed 8/8/2006 NMOCD Witness no Carbon Started Started 9/26/2005 Date Completed 8/8/2006 NMOCD Witness no Carbon Started						1	L	10 00	oxjct. elimina	.eu
Date Started 99/26/2005 Date Completed 8/8/2006 NMOCD Witness mo Soil Excavated 333 cubic yards Excavation Length 30 Width 25 Depth 12 fee Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a FINAL ANALYTICAL RESULTS: Sample Date 6/12/2006, 10/18/2006 Sample Depth 12, 40 ft Spoint 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. Sample PID (field) GRO BRO BRO Chloride Location ppm mg/kg location ppm mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg location ppm mg/kg mg/kg mg/kg mg/kg mg/kg location ppm mg/kg mg/kg mg/kg mg/kg mg/kg location ppm mg/kg location ppm mg/kg mg/kg location ppm mg/kg locati	LAND TYPE: BLM	STATE	=!	FEE LAN	DOWNER	Geraldine	Osborn	OTHER		
Soil Disposed 0 cubic yards Excavation Length 30 Width 25 Depth 12 fee Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a Lo	Depth to Groundwa	ater4	11	feet	NMOCE	SITE ASSE	SSMEN	T RANKING S	CORE:	20
FINAL ANALYTICAL RESULTS: Sample Date 6/12/2006, 10/18/2006 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. Sample PID (field) SRD MRV	Date Started	9/26/2005	5	Date C	ompleted	8/8/2006	NM	OCD Witness	<u>n</u>	0
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FINAL ANALYTICAL RESULTS: Sample Date 10/18/2006 Sample Depth 12, 40 ft stores and the state of the 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. Sample PID (field) GRO DBO Chloride DCATION OF S27 DCATION DEPTH (ttp) DPM (15 254 DCATION DEPTH	Soil Disposed	0	_cubic yard	ds C	Offsite Facility	/ <u>n</u>	/a	Location	n	'a
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Sample PID (field) GRQ DRO Chloride Location ppm mg/kg SOIL 20 6955 MORING 25 1415 MORING 25 1415 MORING 25 1415 MORING 25 MORIN	sidewalls. TPH a	nd chloride lab	oratory te	est result	s completed	by using an		CHLOR	IDE FIELD T	ESTS
Sample Location ppm mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg hg/kg mg/kg mg/k	approved laborator	y and testing p	procedure	s pursua	int to NMOCI	D guidelines.		LOCATION	DEDTU «»	nnm
Location ppm mg/kg mg/kg mg/kg mg/kg 4-WALL COMP. 3.1 <10.0 <10.0 527 BOTTOM COMP. 7.6 <10.0 <10.0 1350 BACKFILL 4.0 <10.0 <10.0 690 BORING #1 (15 ft North) 0.0 xxx xxx 16 BORING #2 (15 ft East) 0.0 xxx xxx 16 General Description of Remedial Action: This junction was eliminated with the pipeline replacement/upgrade program. After the box lumber was removed, the site was delineated using a backhoe to collect soil samples at regular intervals, producing a 30 x 25 x 12-ft deep excavation. Chloride field tests and PID readings were conducted on each sample collected. Although PID readings yielded very low concentrations, chloride concentrations warranted backfill comp. n/a 536 Although PID readings yielded very low concentrations, chloride concentrations warranted backfill comp. n/a 710 Excavation to 6 ft BGS where a clay barrier was installed to inhibit further downward migration of chloride. The remainder of the soil was backfilled on top of the clay. On 10/18/2006, soil borings were initiated at 15 ft North and East of the former junction. Both soil borings were advanced to depths of 40 ft BGS where chloride concentrations essentially ceased and a conclusive trend of decline was observed. The bore holes were plugged with bentonite clay. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. SITE SUPERVISOR Damell Mitchell SIGNATURE And Company Rice Operating Company. REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE And Company Rice Operating Company.	Sample	PID (field)	GR	10 T	DRO	Chloride	— -	LOCATION		
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SITE SUPERVISOR Darnell Mitchell SIGNATURE COMPANY RICE Operating Company REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Knittin Change Pope			enclos	ures: phot	os, lab results,	PID field scree	nings, chlo	ride graph, x-sec	tion, soil boring	logs & diagran
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REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE KAINTIN CHANNE Pope	I HEREBY C	ERTIFY THAT	THE INF				ND COM	PLETE TO TH	E BEST OF I	VIΥ
	SITE SUPERVISOR	Darnell Mitchell	_ SIGN	NATURE_	Savel	On Ad	ell co	MPANY RICI	E Operating Cor	npany
DATE 2/13/2007 TITLE Project Scientist	REPORT ASSEMBLED BY	Y <u>Kristir</u>	n Farris Pop	oe	SIGNATURI	<u> Kan</u>	· //00	Janis)	Pope	
	DATE	2	/13/2007		TITLE	<u>-</u>		Project Scientis	_{st} / .	

BD P-35 vent







new plumbing; junction and box removed

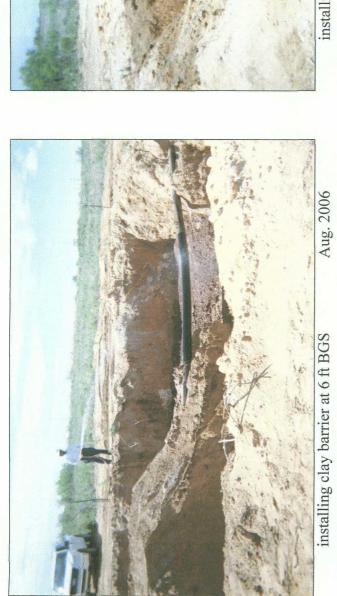


backfilling 30 x 25 x 12-ft-deep excavation Aug. 2006



backfilled to 6 ft BGS

8/4/2006



installing clay barrier at 6 ft BGS









9/5/2006 plate at surface at former junction site (where boring was placed)

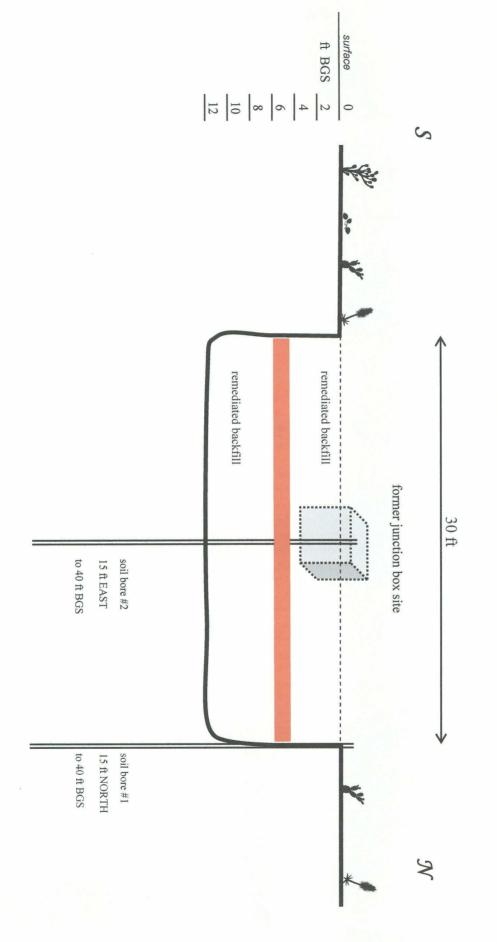
seeding disturbed surface



BD P-35 vent

30 x 25 x 12-ft-deep Excavation Cross-Section





BD P-35 vent

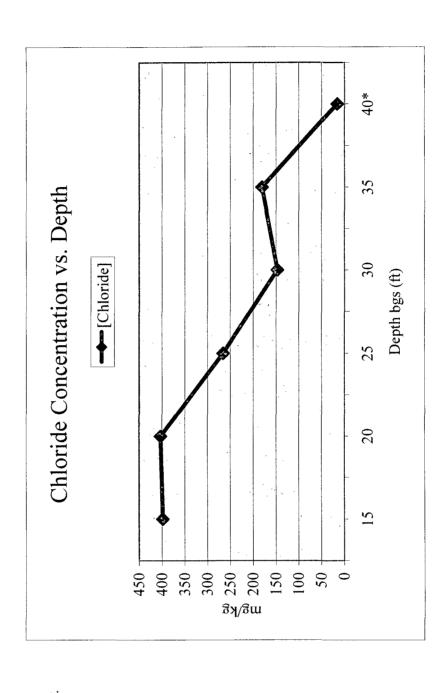
unit 'P', Sec. 35, T21S, R37E

SOIL BORING 15 ft east of jct.

	368	403	796	147	181	16	
Depth bgs (ft)	15	20	25	.30	35	40*	

* Lab analysis <16 mg/kg

Groundwater = 44 ft

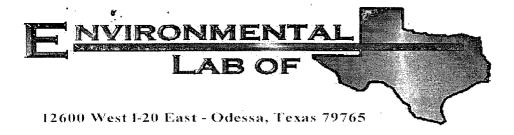


RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240 Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE Rectangle Policy Policy	CK. MODEL NO. LOT NO: FILL DATE: ACCURACY: +/- 2	MODEL: PGM 761S MODEL: PGM 761S MODEL: PGM 7600		SE SE SITION: ISOBUTY	ERIAL NO: 104412 ERIAL NO: 104490 ERIAL NO: 110-12383 LENE 100PPM / AIR: EXP. DATE: NG ACCURACY: \angle	
N WAII I/I S, WAII 21.2 Ε, WAII 9.2 W, WAII 8.3 4-WAII Comp. 3.1 5PT BITM Comp 7.6	SYSTEM BD	VEnt	UNIT P	SECTION 35		RANGE 375
I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.	SAMPLE N WALL S. WALL E. WALL W. WALL 4-WALL COM 5 PT BITM CO Blend Backf	PID Result /, 7 21. 2 9. 2 8.3 9. 3, 1 mp 7. 6 7.11 4.0	s Sample	ccordance to the ma		nual.



Analytical Report

Prepared for:

Roy Rascon Rice Operating Co. 122 W. Taylor Hobbs, NM 88240

Project: BD Vent P-35
Project Number: None Given
Location: None Given

Lab Order Number: 6F13004

Report Date: 06/16/06

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Backfill Blend	6F13004-01	Soil	06/12/06 10:55	06/13/06 08:00
4 Wall Comp. 30X32X12	6F13004-02	Soil	06/12/06 12:10	06/13/06 08:00
Bottom Comp.	6F13004-03	Soil	06/12/06 10:24	06/13/06 08:00

Project: BD Vent P-35 Number: None Given

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Backfill Blend (6F13004-01) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF61312	06/13/06	06/14/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	0	tr	**	u	11	**	
Carbon Ranges C28-C35	ND	10.0	н	11	"	ti .	ш	и	
Total Hydrocarbon nC6-nC35	ND	10.0	It	11	н	11	11		
Surrogate: 1-Chlorooctane		102 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		98.8 %	70-1	30	"	"	"	"	
4 Wall Comp. 30X32X12 (6F13004-0	2) Søil								
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF61312	Ó6/13/06	06/14/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	tr	u	u	It	11	н	
Carbon Ranges C28-C35	ND	10.0	H .	11	n	n	п	11	
Total Hydrocarbon nC6-nC35	ND	10.0	11	41	11	11	n	"	
Surrogate: 1-Chlorooctane		101 %	70-1	30	. н	"	"	n	
Surrogate: 1-Chlorooctadecane		97.8 %	70-1	30	"	"	n	"	
Bottom Comp. (6F13004-03) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF61312	06/13/06	06/14/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	Ħ	п	п	и	n	н	
Carbon Ranges C28-C35	ND	10.0	11	n	11	11	11	11	
Total Hydrocarbon nC6-nC35	ND	10.0		11	n	н	11	II.	
Surrogate: 1-Chlorooctane		98.6 %	70-1	30	"	п	"	n .	
Surrogate: 1-Chlorooctadecane		95.6 %	70-1	30	"	"	"	"	

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Backfill Blend (6F13004-01) Soil									
Chloride	690	10.0	mg/kg	20	EF61406	06/14/06	06/14/06	EPA 300.0	
% Moisture	11.8	0.1	%	1	EF61407	06/13/06	06/14/06	% calculation	
4 Wall Comp. 30X32X12 (6F13004-02	2) Soil								
Chloride	527	10.0	mg/kg	20	EF61406	06/14/06	06/14/06	EPA 300.0	
% Moisture	7.5	0.1	%	1	EF61407	06/13/06	06/14/06	% calculation	
Bottom Comp. (6F13004-03) Soil					_				
Chloride	1350	25.0	mg/kg	50	EF61406	06/14/06	06/14/06	EPA 300.0	
% Moisture	13.3	0.1	%	1	EF61407	06/13/06	06/14/06	% calculation	

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF61312 - Solvent	Extraction (GC)									
					06/10/06		0.5/4.4/0.4			

Blank (EF61312-BLK1)				Prepared:	06/13/06	Analyze	d: 06/14/06	
Carbon Ranges C6-C12	ND	10.0	mg/kg wet					
Carbon Ranges C12-C28	ND	10.0	u					
Carbon Ranges C28-C35	ND	10.0	11					
Total Hydrocarbon nC6-nC35	ND	10.0	. "					
Surrogate: 1-Chlorooctane	58.4		mg/kg	50.0		117	70-130	
Surrogate: 1-Chlorooctadecane	58.6		"	50.0		117	70-130	
LCS (EF61312-BS1)				Prepared:	06/13/06	Analyze	d: 06/14/06	
Carbon Ranges C6-C12	447	10.0	mg/kg wet	500		89.4	75-125	
Carbon Ranges C12-C28	508	10.0	U	500		102	75-125	
Total Hydrocarbon nC6-nC35	955	10.0	10	1000		95.5	75-125	
Surrogate: 1-Chlorooctane	57.2		mg/kg	50.0		114	70-130	
Surrogate: 1-Chlorooctadecane	61.6		"	50.0		123	70-130	
Calibration Check (EF61312-CCV1)				Prepared:	06/13/06	Analyze	d: 06/15/06	
Carbon Ranges C6-C12	205		mg/kg	250		82.0	80-120	
Carbon Ranges C12-C28	294		11	250		118	80-120	
Total Hydrocarbon nC6-nC35	499		11	500		99.8	80-120	
Surrogate: 1-Chlorooctane	63.7		"	50.0		127	70-130	
Surrogate: 1-Chlorooctadecane	62.1		n	50.0		124	70-130	
Matrix Spike (EF61312-MS1)	Sour	ce: 6F130	07-01	Prepared:	06/13/06	Analyze	d: 06/14/06	
Carbon Ranges C6-C12	518	10.0	mg/kg dry	569	ND	91.0	75-125	
Carbon Ranges C12-C28	533	10.0	U	569	ND	93.7	75-125	
Total Hydrocarbon nC6-nC35	1050	10.0	11	1140	ND	92.1	75-125	
Surrogate: 1-Chlorooctane	60.3		mg/kg	50.0		121	70-130	
Surrogate: 1-Chlorooctadecane	52.0		"	50.0		104	70~130	

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon

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Organics by GC - Quality Control **Environmental Lab of Texas**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Matrix Spike Dup (EF61312-MSD1)	Sour	ce: 6F130	07-01	Prepared:	06/13/06	Analyzed	d: 06/14/06		
Carbon Ranges C6-C12	511	10.0	mg/kg dry	569	ND	89.8	75-125	1.36	20
Carbon Ranges C12-C28	527	10.0	11	569	ND	92.6	75-125	1.13	20
Total Hydrocarbon nC6-nC35	1040	10.0	H	1140	ND	91.2	75-125	0.957	20
Surrogate: 1-Chlorooctane	59.8		mg/kg	50.0		120	70-130		
Surrogate: 1-Chlorooctadecane	51.6		"	50.0		103	70-130		

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods - Quality Control **Environmental Lab of Texas**

	- t	Reporting		Spike	Source	0/550	%REC	D.D.D.	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF61406 - Water Extraction										
Blank (EF61406-BLK1)				Prepared	& Analyze	d: 06/14/	06			
Chloride	ND	0.500	mg/kg							
LCS (EF61406-BS1)				Prepared	& Analyze	d: 06/14/	06			
Chloride	10.2	0.500	mg/kg	10.0		102	80-120			
Calibration Check (EF61406-CCV1)				Prepared	& Analyze	d: 06/14/	06			
Chloride	10.1		mg/L	10.0		101	80-120			
Duplicate (EF61406-DUP1)	Sou	rce: 6F1201	2-04	Prepared	& Analyze	d: 06/14/	06			
Chloride	804	25.0	mg/kg		791			1.63	20	
Duplicate (EF61406-DUP2)	Sou	rce: 6F1300	7-02	Prepared	& Analyze	d: 06/14/	06			
Chloride	288	10.0	mg/kg		278			3.53	20	
Matrix Spike (EF61406-MS1)	Sou	rce: 6F1201	2-04	Prepared	& Analyze	d: 06/14/	06			
Chloride	1430	25.0	mg/kg	500	791	128	80-120			S-07
Matrix Spike (EF61406-MS2)	Sou	rce: 6F1300	7-02	Prepared	& Analyze	d: 06/14/	06			
	Sou 494	rce: 6F1300	7 -02 mg/kg	Prepared 200	& Analyze	d: 06/14/ 108	06 80-120			
Chloride	494			<u> </u>						
Chloride Batch EF61407 - General Preparation	494			200	. 278	108	80-120			
Chloride Batch EF61407 - General Preparation Blank (EF61407-BLK1)	494			200	. 278	108				
Chloride	494 (Prep)		mg/kg	200 Prepared:	. 278	108 Analyzed	80-120			

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon

Fax: (505) 397-1471

General Chemistry Parameters by EPA / Standard Methods - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EF61407 - General Prepar	ration (Prep)		- n. n.					····		
Duplicate (EF61407-DUP2)	Sou	rce: 6F13004	-02	Prepared:	06/13/06	Analyzed	: 06/14/06			
% Solids	92.3		%		92.5	- 111		0.216	20	
Duplicate (EF61407-DUP3)	Sou	rce: 6F13009-	-02	Prepared:	06/13/06	Analyzed	: 06/14/06			
% Solids	94.4		%		94.4			0.00	20	
Duplicate (EF61407-DUP4)	Sou	rce: 6F13009-	-22	Prepared:	06/13/06	Analyzed	: 06/14/06			
% Solids	94.8		%		94.0			0.847	20	
Duplicate (EF61407-DUP5)	Sou	rce: 6F13013-	-04	Prepared:	06/13/06	Analyzed	: 06/14/06			
% Solids	89.4		%		89.4			0.00	20	

Project: BD Vent P-35

Project Number: None Given Project Manager: Roy Rascon Fax: (505) 397-1471

Notes and Definitions

Recovery outside Laboratory historical or method prescribed limits. S-07

DET Analyte DETECTED

Analyte NOT DETECTED at or above the reporting limit ND

NR Not Reported

Sample results reported on a dry weight basis dry

Relative Percent Difference **RPD**

Laboratory Control Spike LCS

MS Matrix Spike

Dup Duplicate

Report Approved By: Kalanda Jumb

6-19-06

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

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Environmental Lab of Texas, Inc.

Odessa, Texas 79763 12600 West I-20 East

Phone: 915-563-1800 Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Standard TAT RUSH TAT (Pre-Schedule Project Name: Bad Ueut D-35 Aajor cations/anions, TDS Temperature Upon Receipt: Laboratory Comments: EC, CEC, SAR, ESP Sample Containers Intact? BTEX 80218/5030 Metals: As Ag 8a Cd Cr Pb Hg Se TCLP: TOTAL TPH 8015M GRO/DRO Project Loc: ₽O # Project #: 8001/2001 XT H9T 1.814 HqT 8:03 Time / CF / Other (specify): Sludge Other (Specify) эпоИ Preservative *OS^zH HOBN Fax No: 505-397-1471 EONH 90] No. of Containers 10:20 Time Sampled Received by ELOT 40-C1-0 90-CI-0 DO-01-0) Received by: Date Sampled Time Sampler Signature: Dan July 11/1 Hell 4 Wall comp 30x32x12 Company Name Rice Operating Company 6-12-03 City/State/Zip: Hobbs, NM 88240 BACK Fill Blend FIELD CODE Bottom Comp Telephone No: 505-393-9174 Company Address: 122 W Taylor Project Manager: Roy Rascon Durell Mathell Special Instructions: LAB # (lab use only) Relinquished by:

Environmental Lab of Texas Variance / Corrective Action Report – Sample Log-In

ient: <u>Rice DP</u> ,				
ete/Time: 6 (13/06 8:00				
der#: <u>4F13004</u>				
tials:				
Sample Receipt	Checkli	st		
mperature of container/cooler?	Yes	No	6.0	CI
ipping container/cooler in good condition?	XES	No		1
istody Seals intact on shipping container/cooler?	¥es	No	Not present	
istody Seals intact on sample bottles?	Tes	No	Not present	
nain of custody present?	YES	No		1
smale Instructions complete on Chain of Custody?	ves 1	No		
nain of Custody signed when relinquished and received?	Yes	No		
nain of custody agrees with sample label(s)	(FES)	No		 i
ontainer labels legible and intact?	Yes)	No		
ample Matrix and properties same as on chain of custody?	₩ S	No		
amples in proper container/bottle?	(es	No		.
amples properly preserved?	(Ces	No		
ample bottles intact?	res	No		
reservations documented on Chain of Custody?	(3)	No	 	
ontainers decumented on Chain of Custody?	(es	No		
ufficient sample amount for indicated test?	YES	No		
Il samples received within sufficient hold time?	(e)	No		
OC samples have zero headspace?	Yes	No	Not Applicable	
Other observations:				
				i
Variance Docu				
lontact Person: Date/Time: legarding:				у:
orrective Action Taken:				
	·			
				



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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: KRISTIN FARRIS-POPE

122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 10/20/06

Reporting Date: 10/23/06

Project Number: NOT GIVEN Project Name: NOT GIVEN

Project Location: BD VENT P-35

Analysis Date: 10/23/06 Sampling Date: 10/18/06

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: HM

CI_ LAB NO. SAMPLE ID (mg/Kg) H11685-1 SB 1 @ 40' BGS 16 H11685-2 SB 2 @ 40' BGS < 16 Quality Control 500 True Value QC 500 % Recovery 100 Relative Percent Difference 0.0

METHOD: Standard Methods 4500-Cl⁻B

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

Chemist

Date

H11685

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 (505) 393-2476

Melanus By:	where All claims housing those he managementer. In a next that Custoned he highly for he file is a successful arising out of or related to the file is a successful arising out of or related to amplies Relinquished;	ELSE NOTE: Liability and Damages Cards		3 96 %-	1981-18911	Lab i.D.	CON LAND OSE CHLI	: 18 18	roject Location:	roject Name:	roject#:		ddress: (Q2 CC	22	N.
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Received By (Lab)Staff) Sample Condition	without tribese made in writing and reserved by cuteful within 30 apps after completion of the up thritishin, business afternipsions, loss of use, or loss of profits hoursed by client, its subsidiaries, required and reference of otherwise. Only of the above stated tensions of otherwise, the profits hoursed by client, its subsidiaries, required and the second of otherwise. [1]	ising which based in cooking of lad shall be harder		のス	- # V S O	G)RAB OR (C)OMP. CONTAINERS CROUNDWATER VASTEWATER OIL LUDGE TWER:	MATRIX		-0	· γ:		147 14 000 14 000 14 000 14 000 14 000 14 000 14 000 14 000 14 000 16 0000 16 000 16 000 16 000 16 000 16 000 16 000 16 000 16 000 16 0	5	פר	(C)
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Fax Result: REMARKS:	Phone Result:			XX	I DR	Chloric	ING								
□ Yes □ No	Terms and Conditions: Interest will be charged on all accounts more than and all code at the rate of 24% per annum from the original date of inwice and all costs of collections, including alterney's bes. \[\text{Yes} \text{No} \] \[\text{No} \]						,1 C								Page,
	accounts more than he original date of invo												· ·		of

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[†] Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

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7414 85th Street, Lubbock, Texas 79424-4951
P.O. Box 96, Wolfforth, Texas 79382-0096

Drilling & Pump Professionals

Ph: (806) 866-4026	Fax: (806) 866-4044	Email: <u>harrisoncooperinc@msn.com</u>
Client RICE		Project No
Well No. $5B$ (2)	Site BD VENT P-35	Date Installed 10-18-06
Formation of Completion		
Personnel <u>G</u> .	BARNETT	Driller C. HAPRISOL

