1R-427-102

APPROVALS

YEAR(S):

2
2
2

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD

Sent: Wednesday, April 10, 2013 1:58 PM **To:** Hack Conder (hconder@riceswd.com)

Cc: Leking, Geoffrey R, EMNRD; Laura Pena (Ipena@riceswd.com); Katie Jones

<kjones@riceswd.com> (kjones@riceswd.com); Scott Curtis (scurtis@riceswd.com)

Subject: Remediation Plan (1R427-102) Termination - ROC EME M-3-1A Site

RE: Termination Request

for the Rice Operating Company's

EME M-3-1A Site

Unit Letter M, Section 3, T21S, R36E, NMPM, Lea County, New Mexico

Remediation Plan (1R427-102) Termination

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received Rice Operating Company's report and request to close the above-referenced site, dated March 27, 2013 (received April 1, 2013). The reports are acceptable to the OCD.

The above-referenced report, submitted in accordance with 19.15.29 NMAC (Rule 29; formally, Rule 116), indicates that Rice Operating Company has met the requirements of 19.15.29 NMAC; therefore, the OCD approves the report and hereby notifies you that the remediation plan (1R427-102) is terminated in accordance with 19.15.29 NMAC.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen Hydrologist Environmental Bureau 112 West Taylor • Hobbs, New Mexico 88249 APR - 1 P 2: 00

CERTIFIED MAIL RETURN RECEIPT NO. 7007 2560 0000 4569 9316

March 27, 2013

Mr. Edward Hansen New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

RE: Termination Request

EME M-3-1A (1R427-102): UL/M, Sec. 3, T21S, R36E

RICE Operating Company - Eunice Monument Eumont SWD System

Mr. Hansen:

Rice Operating Company (ROC) is the service provider (agent) for the EME Saltwater Disposal (SWD) System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Background

In 2001, ROC initiated work on the former M-3-1A junction box. The site is located in UL/M, Sec. 3, T21S, R36E. NM OSE records indicate that groundwater would likely be encountered at a depth of approximately 129 +/- feet. To investigate the depth of chloride presence, a soil bore was initiated on September 18, 2001. The boring was advanced to a total depth of 29 ft with soil samples collected at regular intervals, resulting in a chloride concentration that decreased with depth. The 29 ft sample was sent to a commercial laboratory for analysis, resulting in a chloride concentration of 392 mg/kg and concentrations of GRO, DRO and BTEX below detectable limits.

Based on the data collected from the boring, the site was delineated using a backhoe to collect soil samples at regular intervals, creating a 22x15x10 ft deep excavation. Each sample was field titrated for chlorides. Representative samples were collected from the excavation sidewalls and bottom and sent to a commercial laboratory for analysis. The sidewalls sample resulted in a chloride concentration of 3,300 mg/kg, a gasoline range organics (GRO) concentration below detectable limits and a diesel range organics (DRO) concentration of 16 mg/kg. The bottom composite sample resulted in a chloride concentration of 3,250 mg/kg and GRO and DRO concentrations below detectable limits.

Both samples were also analyzed for BTEX, resulting in a concentration below detectable limits throughout. A total for 48 cubic yards of excavated soil was properly disposed of at a NMOCD facility. A compacted clay liner was installed and the excavation was backfilled with clean imported soil to ground surface and contoured to the surrounding area.

Since the site is located next to a lease road, seeding is not required. A new, watertight junction was installed at the site.

The junction box site location map, final report, laboratory analysis, soil bore log, disposal manifests and current photodocumentation are attached.

Recommendations

Site investigation demonstrates that residual chloride and hydrocarbons in the vadose zone will not with reasonable probability contaminate groundwater in excess of NMOCD standards. This site meets the requirements of the NMOCD-approved Revised Junction Box Upgrade Work Plan (July 16, 2003). As such, ROC request termination of the regulatory file, or similar closure status.

Please contact me at (575)393-9174 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

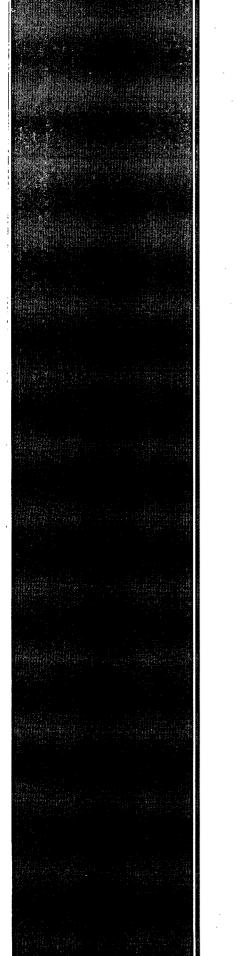
Sincerely,

RICE Operating Company

Hack Conder

Environmental Manager

enclosures



Site Location Map

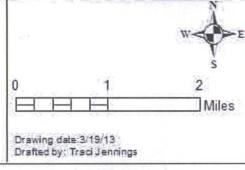
RICE *Operating Company* (ROC) 112 West Taylor Hobbs, NM 88240 Phone: (575) 393-9174 Fax: (575) 397-1471

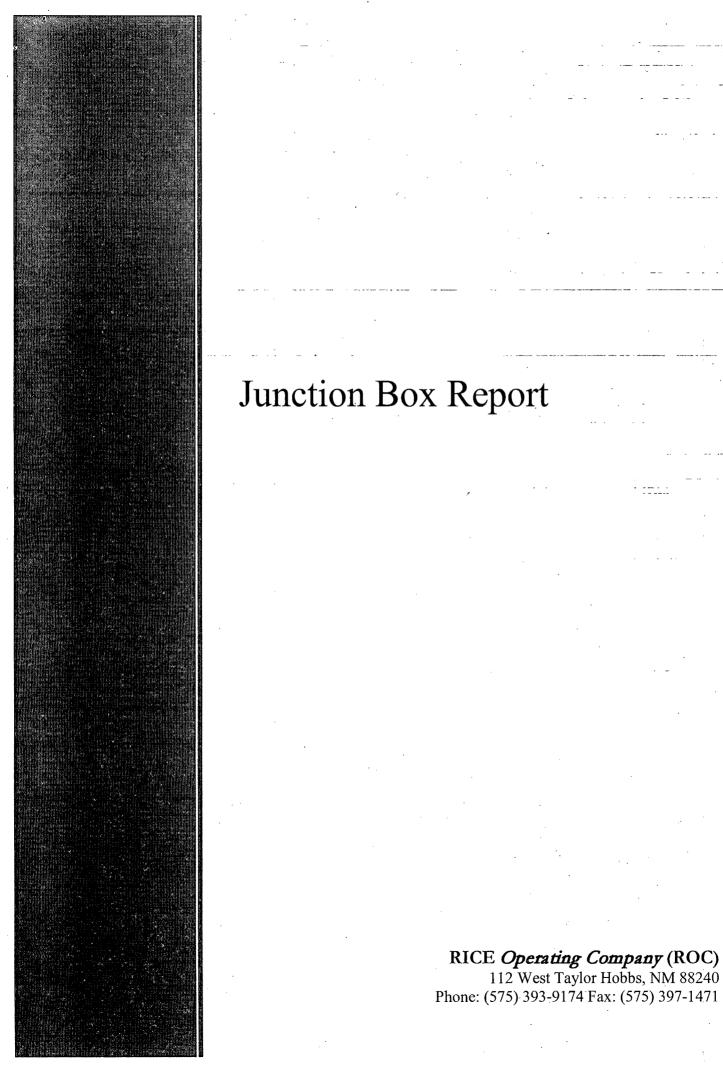
20S 36E 31 32 20S 37E 34 35 36 31 32 35 36 31 36 31 32 37E 31 32 36 31 32 36 31 32 36 31 3
6 5 4 Hwy 175 3 2 1 6 5 EME M-3-1A 12 7 8 18 17 16 15 14 13 18 17 21 S 36E Hwy 176 S 35E S 35
6 3 4 Hwy 175 3 2 1 5 5 EME M-3-1A 7 8 9 10 11 12 7 8 18 17 16 15 14 13 18 17 21 S 36E Hwy 176 S 35E
6 3 4 Hwy 175 3 2 1 5 5 EME M-3-1A 7 8 9 10 11 12 7 8 18 17 16 15 14 13 18 17 21 S 36E Hwy 176 S 35E
7 8 9 10 11 12 7 8 18 17 16 15 14 13 18 17 21 \$ 36E HWY 176 \$ 35E
7 8 9 10 11 12 7 8 18 17 16 15 14 13 18 17 21\$ 36E Hwy 176 \$ 35E
7 8 9 10 11 12 7 8 18 17 16 15 14 13 18 17 21 S 35E Hwy 176 S 35E
18 17 16 15 14 13 18 17 21\$ 37E S 35E
21S 36E Hwy 176
21S 36E Hwy 176
21S 36E Hwy 176
S-35E 0
19 20 21 22 23 144 29 24 19 20
30 29 28 27 26 25 30 29
EUNICE, N
31 32 33 34 35 36 31 32
22S 36E 22S 36E 22S 37E
7 8 9 10 11 12 7 8



EME M-3-1A (1R427-102)

Unit Letter M, Section 3, T21S, R36E Lea County, NM





RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

				BOX LOC	ATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BO	CDIMENSIONS -	- FEET	
EME	M-3-1A	М	3	218	36E	LEA	Length	Width	Depth	7
CIVIC	IVI-3-1A	191	3	213	302	LEA	10	10	5	
LAND TYPE: BI	LMS	STATE	FEE I	ANDOWNER			отні	ER		
Depth to Groun	dwater	129	feet	NMOCD	SITE ASSE	ESSMENT	RANKING	SCORE:	0 .	
Date Started_	08/13/2	2001	Date C	ompleted	10/22/2001	OCD	Witness_	N	0	
Soil Excavated	122	cubic yar	ds E	xcavation Le	ngth 22	Widt	h <u>15</u>	Depth	10	feet
Soil Disposed	48	cubic yar	ds (Offsite Facility	SUNE	ANCE	_ Locatio	on EUN	NICE, NM	
						-			. vov. Mondala a sv	
FINAL ANALY	TICAL RE	ESULTS	: Sam	ple Date	10/22/2	2001	Sample	Depth	10'	
		hloride lab	oratory te	of bottom and st results com es pursuant to	pleted by us	sing an app				
Sample	Benzene	Tol	uene	Ethyl Benzene	Total Xylen	es	GRO	DRO	Chlorid	es
Location	mg/kg	mg	/kg	mg/kg	mg/kg	r	ng/kg	mg/kg	mg/kg	
SIDEWALLS	<0.025	<0.	025	<0.025	<0.025		<10	16	3300	
BOTTOM	< 0.025	<0.	025	<0.025	< 0.025	,	<10	<10	3250)
Boring @ 29'	< 0.025		025	<0.025	<0.025		<10	<10	392	
General Description				as delineated vert			CHL	ORIDE FIELD	TESTS	
probably stopped before	reaching grou	nd water. Ch	lorides decl	ined from 2800 p	pm at 10' bgs	to	LOCATION	I DEPTH	l mg	/kg
92 ppm at 29' bgs with	no indications	of TPH. The	high impac	ted soil was reme	oved to a perm	itted	SIDEWALL	S 8'		00
lisposal facility and fres	_ <u></u>				· · · · · · · · · · · · · · · · · · ·		воттом	10'	27	00
ight junction box was in	stalled and bac	kfilled.					Vertical Trend	h 14'	75	00
	·						Soil Boring	5'		98
		· · · ·	•			_		10'	28	
				 		<u> </u>		15'		97
		 						20'		93
**************************************	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·			25'		59
			·					29'	39	92
· · · · · · · · · · · · · · · · · · ·						L	····		<u></u>	
			Ki	NOWLEDGE A	AND BELIE	F.		O THE BEST	OF MY	
DATE	Novemb	er 30, 200	<u> </u>	Ph	RINTED NAME					
SIGNATURE	1 V V V	MALA	11/		TITLE		Project Le	ader - Environ	mental	

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RICE OPERATING COMPANY ATTN: DONNIE ANDERSON

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

Sample Type: Soll

Sample Condition: Intact/ Iced/ 4.0 deg C Project Name: EME Junction Box Upgrades

Project #: M-3-1A

Project Location: Lea County, NM

PO#: 716

Sampling Date: 10/22/01 Receiving Date: 10/31/01 Analysis Date: 11/01/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE _mg/kg	o-XYLENE _ mg/kg
0101905-01	Wall Composite	<0.025	<0.025	<0.025	<0.025	<0.025
0101905-02	Bottom Composite	<0.025	<0.025	<0.025	<0.025	<0.025

QUALITY CONTROL	0.091	0.091	0.086	0.172	0.085
TRUE VALUE	0.100	0.100	0.100	0.200	0.100
% IA	91	91	86	. 86	85
SPIKED AMOUNT	0.100	0,100	0.100	0.200	0.100
ORIGINAL SAMPLE	0,161	0.328	0.308	1.25	0.184
SPIKE	0.109	0.113	0.113	0.252	0.107
SPIKE DUP	0.105	0.108	0.105	0.245	0.098 .
%EA	103	100	101	101	100
BLANK	< 0.025	< 0.025	<0.025	< 0.025	<0.025
RPD	3.96	5.13	8.25	3.02	9.42

METHODS: EPA SW 846-8021B ,5030

Raland K, Tuttle

11-08-01 Date



"Don't Treat Your Soil Like Dirt!"

RICE OPERATING COMPANY ATTN: DONNIE ANDERSON 122 W. TAYLOR HOBBS, NM 88240 FAX: 505-397-1471

Sample Type: Soil

Sample Condition: Intact/ Iced/ 4.0 deg C Project Name: EME Junction Box Upgrades

Project #: M-3-1A

Project Location: Lea County, NM

PO#: 716

Sampling Date: 10/22/01 Receiving Date: 10/31/01 Analysis Date: 11/08/01

ELT#	Field Code	Chloride mg/kg	
0101905-01 0101905-02	Wall Composite Bottom Composite	3300 3250	

QUALITY CONTROL TRUE VALUE % INSTRUMENT ACCURACY SPIKED AMOUNT ORIGINAL SAMPLE SPIKE SPIKE SPIKE DUP % EXTRACTION ACCURACY BLANK	5050 5000 101 1000 284 1205 1240 96 <5.00
RPD	<5.00 2.85

METHODS: SW 846-9253

Raland K Juan

11-08-01

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RICE OPERATING COMPANY ATTN: DONNIE ANDERSON 122 W. TAYLOR HOBBS, NM 88240

FAX: 505-397-1471

Sample Type: Soil

Sample Condition: Intact/ Iced/ 4.0 deg C Project Name: EME Juction Box Upgrades

Project #: M-3-1A

Project Location: Lea County, NM

Sampling Date: 10/22/01 Receiving Date: 10/31/01 Analysis Date: 11/01/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	
0101905-01 0101905-02	Wall Composite Bottom Composite	<10 <10	16 <10	

QUALITY CONTROL	480	515
TRUE VALUE	500	500
% INSTRUMENT ACCURACY	96	103
SPIKED AMOUNT	476	476
ORIGINAL SAMPLE	<10	16
SPIKE	500	542
SPIKE DUP	490	529
% EXTRACTION ACCURACY	103	108
BLANK	<10	<10
RPD	2.02	2.43

Methods: SW 846-8015M

Raland K. Tuttle

//-08-Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763

05:55p

01

0.8

No

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Mana	ger: Donnie Anderson			···									· Pı	rojed	t Na	me:		ΕN	ΛE	Jur	nctic	on B	oχι	ıpgr:	ade:	<u>s</u>
Company Na	ame Rice Operating Company		 					·······						Р	rojec	:t #:					<u>N</u>	1-3-1	Α			
Company Addre	ess: 122 W Taylor	·	···	·										Proj	ect L	.oc:				<u>L</u> e	a C	Coun	ity N	IM		
City/State/2	zip: Hobbs, NM 88240			····											P	O #:					<u> </u>	716	;			
Telephone Sampler Signati	No: 505-393-917A ure:	~	Fax No.	508	5-3	97-	147	'1			 -															
•														F		TO	LP:	Т	Ana	alyze	For:	T		 	$\overline{}$	
	•								*****				~	上		TO		士	1	士	_					
X-N76410246+20054				T	\vdash	1	Prese	ervativ	re T	_	Ι-,	Matri	ix T	┨				Hg Se				11			-	<u> </u>
LAB # (ab/use.only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	tce	HNO3	нсі	NaOH H,SO,	None	Other (Specify)	Water	Sludge	Other (specify):	1011	TPH 418.1	TPH TX 100\$/1006	TPH 8015M GRO/DRO	a Ag Ba Cd Cr Pb	Volatiles	Semivolatiles	BIEA BUZIO/BUSU				ibatha Pat Upital	Rush IAT (Pre-schedule Standard TAT
CHOISIOS ONE	Wall Composite	10/22/2001	1200	1	Х								X	X			Х		\perp		X				$oldsymbol{\perp}$	
02	Bottom Composite	10/22/2001	1200	1	X			\perp					<u> </u>	X	Ц		X	_	_	1	XL.	\sqcup	1			\bot
					L		1.	\bot	\perp			\bot	\perp	1				\downarrow	\bot	4		\sqcup	\bot	41		44
				ļ	L	1	-	\bot	\perp	-	Ц	_	\bot	↓_	Ш		_	\perp	_	\bot	\bot	1-1	\perp	4-1	1	44
					<u> </u>		-	_	\bot	\sqcup	\sqcup	4	4	<u> </u>			_	_	\dashv		+	1-1	+	+		44
						-	-	-	-	Н	Н	_	-	╀	\vdash		\dashv	-	4	+	+	1-1	_	╄┩	1	-
					-	-		+	+	\sqcup	\vdash	+	+	╀-	-	$\left - \right $	-	+	+	+	+	\dashv	+	4-1	+	4-1
				<u> </u>	 -		+	- -	-	Н	\vdash		+	╀		\square		+	+	+	┿	╀╌╅	+	+	├┼	+-1
				-	\vdash	+	+		+	Н	\vdash	+	+	╀	\vdash	Н	-	+	+	+	+	┿╂	+	╂┥		+
Special Instructions:		Fax results	to D. Ande	erso	l_ n	Li			1	L				J		Ten	iper	alure	Upo		tact? eceipt		Y		N.	
Relinquished by Mull	Date Time 10/31/01 1500	Received by:		-1147-22-		de la company		~2.000	es e ventión		Da		AL	Tim			0	e	Y	0	(C					
Relinquished by:	Date Time 18:45	Received by EL		Ç)					10	Da -3	e (ن		Tim K/J	7											

Sep 27 01 08:55a



"Don't Treat Your Soil Like Dirt!"

RICE OPERATING CO.

ATTN: MR. DONNIE ANDERSON

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

Sample Type: Soil

Sample Condition: Intact/ Iced/ 3 deg C

Project Name: EME Box Upgrade Project #: M=3-1A

Project Location: Lea County

PO#: 692

Sampling Date: 09/18/01 Receiving Date: 09/24/01 Analysis Date: 09/25/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	
0101624-01	29' Soil Boring	. <0.025	<0.025	<0.025	<0.025	<0.025	

QUALITY CONTROL	0.100	0.100	0.097	0.199	0.092
TRUE VALUE	0.100	0.100	0.100	0.200	0,100
% IA	100	100	97	100	92
SPIKED AMOUNT	0.100	0.100	0.100	0.200	0.100
ORIGINAL SAMPLE	<0.025	<0.025	<0.025	0.039	<0.025
SPIKE	0.104	0.101	0.100	0.204	0.095
SPIKE DUP	0.101	0.097	0.097	0.198	0.093
%EA	104	101	100	101	95
BLANK	<0.025	<0.025	<0.025	<0.025	<0.025
RPD	2.93	4.04	3.04	3.16	2.13

METHODS: EPA SW 846-8021B ,5030

Environmental

"Don't Treat Your Soil Like Dirt!"

RICE OPERATING CO.

ATTN: MR. DONNIE ANDERSON

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

Sample Type: Soil

Sample Condition: Intact/ Iced/ 3 deg C

Project Name: EME Box Upgrade

Project #: M-3-1A

Project Location: Lea Coounty

PO#: 692

Sampling Date: 09/18/01

Receiving Date: 09/24/01 Analysis Date: 09/25/01

ELT#	FIELD CODE	GRO DRO C6-C10 >C10-C28 mg/kg mg/kg
0101624-01	29' Soil Boring	<10 <10

QUALITY CONTROL	460	480
TRUE VALUE	500	500
% INSTRUMENT ACCURACY	92	96
SPIKED AMOUNT	476	476
ORIGINAL SAMPLE	<10	<10
SPIKE	501	508
SPIKE DUP	504	502
% EXTRACTION ACCURACY	105	107
BLANK	<10	<10
RPD	0.95	1.89

Methods: SW 846-8015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

RICE OPERATING CO.

ATTN: MR. DONNIE ANDERSON

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

Sample Type: Soil

Sample Condition: Intact/ Iced/ 3 deg C

Project Name: EME Box Upgrade

Project #: M-3-1A

Project Location: Lea County

PO#: 692

Sampling Date: 09/18/01 Receiving Date: 09/24/01

Analysis Date: 09/26/01

		Chloride	•
ELT#	FIELD CODE	mg/kg	
0101624-01	29' Soil Boring	392	

QUALITY CONTROL	5050
TRUE VALUE	5000
% INSTRUMENT ACCURACY	101
SPIKED AMOUNT	526
ORIGINAL SAMPLE	. 392
SPIKE	933
SPIKE DUP	924
% EXTRACTION ACCURACY	101
BLANK	<5.00
RPD	0.97

Methods: SW 846-9253

Raland K. Tuttle

9-27-0/ Date

Environm	ental Lab	of Texa	s, Inc.																				
12600 West I-20 East Odessa, Texas 79763		ione: 915-563-1800 Fax: 915-563-1713		-							CHAII	V OF (CUSTO	DY R	ECO.	RD A.	ND A	NAL	YSIS I	REQUI	EST		
Project Man	nager:	ne Ana	lerson									Рго	ject Na	ıme: _	6	M	E	B	X	щ	gra	ide.	
Сотрапу І	Name_Rice	. Opera	ting Co						<u> </u>				Proje	ct #:_		M	-3	-/	A				
Company Add	/ ^ ^	W. TAY	LOV	······································								P	roject	Loc: _		Le	a	Co	411	14			
City/Stat	ie/Zip: Hobb	5 NM	88240										F	C#:			69	ã	}				
Telephon	ne No: 505-:	393-917	4	Fax No:	3	97	- /	47			٠												
Sampler Signa	ature:	Linden	son .			····				<u>-</u>		ı					· · · · · ·						
		•												TOT	-	Ŧ	\nalyz	26 - 0	1			П	
		·					Prese	ervative			Matri	×			-1	တို	+-						ा
			Sampled	ampled	No. of Containers				beci(V)			ecify):	TOS (CIV SAR / EC	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg	illes	BTEX 80218/5030					RUSH TAT (Pre-Schedule) Standard TAT
LAB # (lab telegrity)	: FIEL	O CODE	Date Sa	Time Sampled	No. of C	Fig.	모	NaOH H,SO,	None Other (Specify)	Water	Sludge	Other (specify):	TOS (CL	TPH TX	1PH 801	Metals: A	Semivolatiles	BTEX 80					RUSH TAT (P
	29'501/		091801	0950	1	X					1	X	X		X		1	Χ		\Box]	
					-		++			+	\vdash	+	H		-	-	+	-	-	+	+	+	
																1			T				
							+-}			_	-		-	-		-	-		\vdash	+		+	
							+			\dagger						1						1	
					1_					\bot		1					_	_		_		-	
					-	\vdash			$\left\{ \cdot \right\}$	╁	$\left\{ \cdot \right\}$	+	+	-			+	╁	H	+	$\vdash \vdash$	+	
Special Instructions:		- L A	0/-		,	II	اـــــــــــــــــــــــــــــــــــــ				<u></u>	<u>l</u> .	. .	Tei	нрег	allire	Up∞ŧ	Rec			Y	N.	•
Relinquished by	OX ALSUL	75 70 U	. An Oerso me Received by:	<u>//</u>						Ć	ate		Time	-188		tory (22			::				
Relinquished by:	WW.	010 101 150	The Received his E	IAT						· · · · · · · · · · · · · · · · · · ·	ale		Time										

DRILL	ING LOG	Site Name/Location	٠ .	,		Logged by:
	rarting Company	Jct. Box M-3-1A	Well No.	Date Drilled:	Driller:	DEA Construction:
i	Vest Taylor	3-T21S-R36E	N/A Well Depth:	9/18/0 Boring Depth:	1 Adkins Well Materiat: N/A	Plugged boring
	w Mexico 88240	EME	N/A Casing Length:	28' Boring Diameter:	Casing Size:	w/ 26' bentonite,
ľ	505) 393-9174	SWD System	N/A Screen Length:	Drilling Method:	2.5" N/A Slot Size:	water & backfill
ſ	05) 397-1471	Lea County, NM	N/A	TEST	Rotary N/A	Water & backin
		1	LI CAMPLE TYPE	-	DEMARKS	Poring
DEPTH		FACE LITHOLOGY	SAMPLE TYPE	(ppm)	REMARKS	Boring
	Ground surface Sand		Grab	 		
2	Sand		Grab			(9) (5) (4)
3					ì	
4			() .	1	(
	Sand		• `	1098		
6		•	·	1		
7				-	1	
8	Dry caliche rock					
9				1	\	
	Dry caliche			2836	-	
11						
12						
13						
14			Ì	1397		
16	Dry caliche			1397		a Comment
17	-					
18			1			
19						
	Sandstone			1893		
21			}			
	Dry sandy calich	ne		1063		
23	3					
24						
	Dry sand			459		
26						
27						
	Dry sand]	205		
29)		Lab	392_	No TPH	

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231

(505)	394-2511		·		
LEASE OPERATOR/SHIPPER/COMPANY:	Add the	•			
LEASE NAME:	namen 1 de seus	11/	11	AFE-H-	69
TRANSPORTER COMPANY:	March y		TIME:	AM/F	ÞΜ
DATE: VEHICLE NO.:	,	DRIV	ER NO.:	· · · · · · · · · · · · · · · · · · ·	
CHARGE TO: PORTE					
TYPE OF	MATERIAL	•			
[] Production Water	i soil		Completion F C-117 No.:	luids	
Description:	A. Comment	سيسد أر	and the said	A SEC	
·					
VOLUME OF MATERIAL [] BBLS	: []YA	ARD 🚣	<u> </u>	[]	
AS A CONDITION TO SUNDANCE SERVICES, INC.'S AN JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WE HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et see AND REGULATIONS RELATED THERETO, BY VIRTUE OF PRODUCED WATERS, AND OTHER WASTE ASSOCIATED PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GET ALSO AS A CONDITION TO SUNDANCE SERVICES, INCOMES TO THIS JOB TICKET, TRANSPORTER REPRESENTS AND WE OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVED FACILITY FOR DISPOSAL.	ARRANTS THAT CE, CONSERVATI q., THE NM HEAI F THE EXEMPTIC OWITH THE EXPL OTHERMAL ENE C.'S ACCEPTANC ARRANTS THAT	THE WAS ION AND LTH AND ON AFFOI LORATIO ERGY. TE OF THI ONLY TH	TE MATERIA RECOVERY A SAF. CODE § RDED DRILLII N, DEVELOPM E MATERIALS E MATERIALS	L SHIPPED CT OF 1976, AS 361.001, et seq., NG FLUIDS, MENT OR SHIPPED WITH DELIVERED BY	
THIS WILL CERTIFY that the above Transporter Statement at the above described location, and that will certify that no additional materials were added without incident. DRIVER:	it was tendered	d by the	above descri	bed shipper. Th	
(SIGNATURE) / FACILITY REPRESENTATIVE: (SIGNATURE)	The state of the s	<u>-</u>			
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold Revised 12/27/95	i-Transporter				

Sundance Services, Inc.

P.O. Box 1737 * Eunice, NM 88231
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY:
LEASE NAME: Set 11 AFE-H-195
TRANSPORTER COMPANY: / A COMPANY: AM/PM
DATE: // VEHICLE NO.: // DRIVER NO.:
CHARGE TO:
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms
Description:
VOLUME OF MATERIAL [] BBLS : [] YARD : []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: (SIGNATURE) GIGNATURE) (SIGNATURE)
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

Sundance Services, Inc. P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY:
LEASE NAME: AFE-H-692
TRANSPORTER COMPANY: TIME: AM/PM
DATE: VEHICLE NO.: DRIVER NO.:
CHARGE TO:
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: [] Other Material: [] BS&W Content:
VOLUME OF MATERIAL [] BBLS: [] YARD: []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE: (SIGNATURE)
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: TIME: AM/PM **VEHICLE NO.:** DRIVER NO .: CHARGE TO: [] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms Contaminated soil BS&W Content: [] C-117 No.: _ [] Other Material: Description: _____ VOLUME OF MATERIAL [] BBLS. _____: [] YARD _ AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR

PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

FACILITY REPRESENTATIVE:

White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Revised 12/27/95



RICE *Operating Company* (ROC) 112 West Taylor Hobbs, NM 88240 Phone: (575) 393-9174 Fax: (575) 397-1471

EME Jct. M-3-1A

UL/M, Section 3, T21S, R36E



Facing south 3/13/2013



Facing west 3/13/2013