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GENERAL CORRESPONDENCE

YEAR(S):

RICE Operating Company

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

CERTIFIED MAIL
RETURN RECEIPT NO. 7002 2410 0000 4940 2050

May 13, 2005

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

RE: HOBBS MANWAY JUNCTIONS

Mr. Price:

In response to your May 12 email (enclosed) and our phone conversation today, enclosed are the Final Junction Box Reports for the sites you inquired about. These sites were junctions that were concrete vault manways located within the City of Hobbs. These sites were closed in agreement with then City of Hobbs Engineer, Russ Doss, as part of the Hobbs System Abandonment.

Should you have any questions or concerns regarding these sites, please do not hesitate to contact me. Thank you for the attention you have given to the Rice Operating Company projects.

RICE OPERATING COMPANY

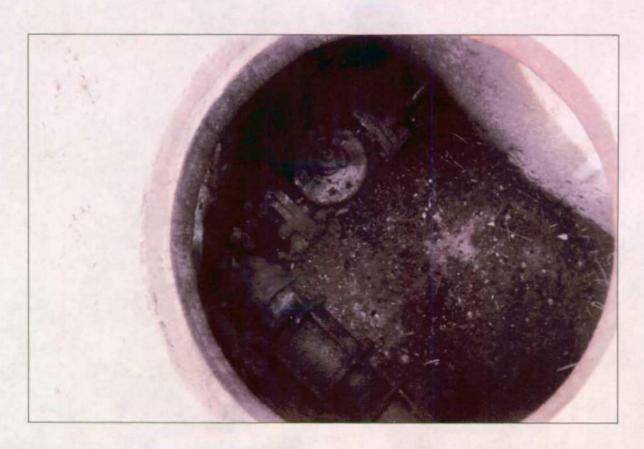
Knistin Sains Tope

Kristin Farris Pope Project Scientist

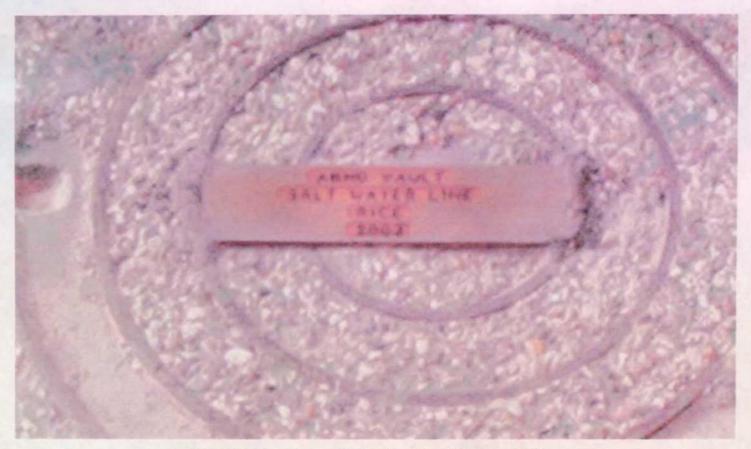
cc: CDH

enclosures: email; Junction Box Final Reports (20), photos

Hobbs Manway Junctions 2001 (before closure and sealing)







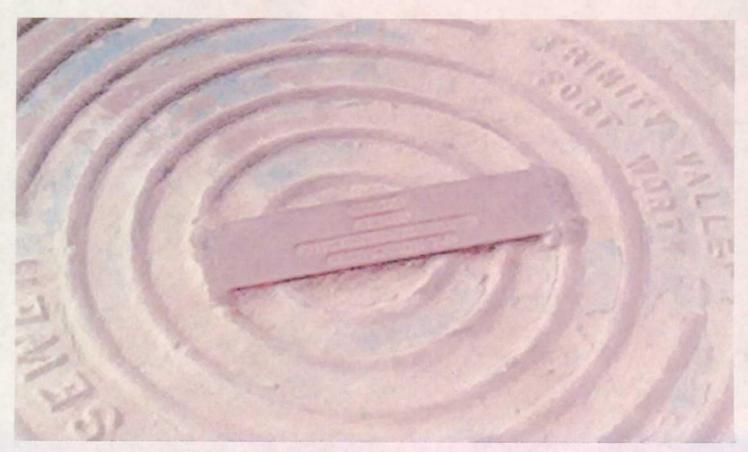
5-18-05 Hobbs Corner I-33-3 N. side of Cain and Grimes



5-18-05 Hobbs Corner I-33-3 N. side of Cain and Grimes



5-18-05 Hobbs Corner E-34-4 400 N. Leech



5-18-05 Hobbs Corner E-34-4 400 N. Leech

GPS: LATT Lon. NAD 27 32° 42. 230 N 103° 08. 527 W

Kristin Farris Pope

From:

"Price, Wayne" < WPrice@state.nm.us>

To:

"Kristin Farris Pope (E-mail)" <enviro@leaco.net>; "Carolyn Doran Haynes (E-mail)"

<riceswd@leaco.net>

Sent:

Thursday, May 12, 2005 1:01 PM

Subject:

Hobbs System Status

OCD has 37 sites listed as potential for groundwater impact, but are not yet at a work-status to report as a disclosure. We have logged another 40 as final reports that were submitted. The following sites were noted in your 2002 report and we have no record of.

B-3,D-34,E-3-1,E-3,G-3,H-4-1, H-4, I-33,I-33-1,I-33-2,I-33-3,M-27-1,M27-2,O-21-2,O-34,P-28-2,P-33. What is the status of these sites?

Why did you list the 37 as potential groundwater impact without a disclosure report?

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487

fax: 505-476-3462

E-mail: <u>WPRICE@state.nm.us</u>

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				BOX LOC	,		,		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX Length	DIMENSIONS Width	
Hobbs	B-3	В	3	198	38E	LEA	Cettânı	VVICET	Depth
LAND TYPE: E	BLM	STATE	FEE LA	NDOWNER			OTHE	R Within City	Limits
Depth to Grour	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT	RANKING	SCORE:	20
Date Started		- 	Date Co.	mpleted	9/1/2002	OCD V	Vitness		10
Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		_ Depth	fee
Soil Disposed		cubic ya	rds Of	fsite Facility			Location	n	
FINAL ANALY	TICAL F	RESULTS	S. Sampl	a Note			Sample F	anth	
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	•		oratory test	bottom and results comp pursuant to	pleted by us	ing an appr	•		
Sample	Benzene	Tol	uene É	thyl Benzene	Total Xylen	es Gi	₹0	DRO	Chlorides
Location	mg/kg	m	g/kg	mg/kg	mg/kg	mg	/kg	mg/kg	mg/kg
SIDEWALLS BOTTOM									1
As per agreement	with the Cit	y of Hobbs						RIDE FIELD	
within the city limit	s of Hobbs	will be close	ed in the foll	owing mann	er:	LC	CATION	DEPTH	mg/kg
1. remove all pipe	fittings that	extend abo	ove 2.5' BG	3		SII	DEWALLS		
2. fill vault with sa	nd to the to	p of the vau	ilt			<u>E</u>	BOTTOM		
3. spot-weld the m	nanway cov	er in place f	or security						
4. permanently af	fix an identi	fication sign	to the man	way that					
identifies Ri	ce Operatin	g Company	as the resp	onsible part	У				·
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l HEREB	Y CERTIFY	THAT THE		TION ABOV			LETE TO	THE BEST (OF MY
DATE	_ Decan	riber 4, 2002	2	PR	INTED NAME		D. E	. Anderson	
SIGNATURE	(Clu	ndinstr-						ler - Environ	mental
,									



	SWD SYSTEM	JUNCTION	TINU	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
	Hobbs	E-3	E	3	198	38E	LEA	Length	Width	Depth
L	AND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHEF	Within City	/ Limits
Ę	epth to Grou	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT	RANKING	SCORE:	20 `
	Date Started			Date Co	mpleted	9/1/2002	OCD \	Vitness		10
S	oil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		_ Depth	fee
;	Soil Disposed		cubic ya	rds Of	fsite Facility			Location		
FIN	AL ANAL	TICAL F		,	e Date			•		
	t- i	,	Chloride lab	oratory test	results compursuant to	pleted by us	ing an appr	•		
	Sample Location	Benzene mg/kg	1	uene É g/kg	ihyl Benzene mg/kg	Total Xylen mg/kg		RO J/kg	DRO mg/kg	Chlorides mg/kg
	DEWALLS BOTTOM									
	er agreement n the city limit							CATION	DEPTH	l mg/kg
	emove all pipe					<u>. </u>		DEWALLS	00. 11.	i ing/ing
2. fi	ll vault with sa	and to the to	o of the vau	lt			E	воттом		
3. s	pot-weld the r	manway cov	er in place f	or security						
4. p	ermanently at	fix an identif	ication sign	to the man	way that					
	identifies R	ice Operatin	g Company	as the resp	onsible part	у			•	
		A								
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	I HERES	BY CERTIFY	THAT THE		TION ABOV			PLETE TO 1	HE BEST (OF MY
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SIGN	IATURE		MARIER							mental
			<u> </u>							



200D 2121FM	JUNCTION	UNII	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	1
Hobbs	E-3-1	Ε	3	198	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Nithin City	Limits
Depth to Grou	ndwater	<50	feet	NMOCE	SITE ASSE	SSMENT F	RANKING S	SCORE:	20
	1		-					 _	0
Soil Excavated									
Soil Disposed									
INAL ANAL									
	rocure 5-poin BTEX and C	it composit hloride lab	e sample of oratory test	bottom and results comp	4-point comp	oosite sam ng an appr	ple of sidew	vails. TPH,	
Sample Location	Benzene mg/kg		luene E	ihyi Benzene mg/kg	Total Xylene mg/kg	s GF mg	RO /kg	DRO mg/kg	Chlorides mg/kg
20001017	i mana	- 	9/19 1	711g/11g		1 113	g	g/g	g.x.g
•							CHLO	RIDE FIELD	TESTS
BOTTOM General Descriptions s per agreement	with the City	of Hobbs					CHLOR	RIDE FIELD	
BOTTOM seneral Description s per agreement within the city limit remove all pipe	with the City ts of Hobbs we fittings that	of Hobbs vill be close extend abo	ed in the followe 2.5' BGS	owing manne		SIL	OCATION DEWALLS		
BOTTOM Seneral Descriptions per agreement within the city limit remove all pipe fill vault with sa	with the City ts of Hobbs we fittings that and to the top	of Hobbs will be close extend abo of the val	ed in the followe 2.5' BGS	owing manne		SIL	CATION		
BOTTOM Seneral Descriptions Seneral Description Seneral Descripti	with the City ts of Hobbs we fittings that and to the top manway cove	of Hobbs will be close extend abo of the vau er in place to	ed in the followe 2.5' BGS ult for security	owing manne S		SIL	OCATION DEWALLS		
BOTTOM Seneral Descriptions per agreement within the city limit remove all pipe fill vault with satisfactory and the response of the permanently at	with the City ts of Hobbs we fittings that and to the top manway cove	of Hobbs vill be close extend abo of the vau er in place to ication sign	ed in the followe 2.5' BGS uit for security to the man	owing manne S way that	er:	SIL	OCATION DEWALLS		
BOTTOM Seneral Descriptions per agreement within the city limit remove all pipe fill vault with satisfactory and the respot-weld the respot-weld the respot-weld and the respot-weld the response of the resp	twith the City ts of Hobbs we fittings that and to the top manway cove ffix an identifi	of Hobbs vill be close extend abo of the vau er in place to ication sign	ed in the followe 2.5' BGS uit for security to the man	owing manne S way that	er:	SIL	OCATION DEWALLS		
BOTTOM Seneral Descriptions per agreement within the city limit remove all pipe fill vault with same spot-weld the resportance of the permanently are	twith the City ts of Hobbs we fittings that and to the top manway cove ffix an identifi	of Hobbs vill be close extend abo of the vau er in place to ication sign	ed in the followe 2.5' BGS uit for security to the man	owing manne S way that	er:	SIL	OCATION DEWALLS		
BOTTOM Seneral Descriptions per agreement within the city limit remove all pipe fill vault with same spot-weld the resportance of the permanently are	twith the City ts of Hobbs we fittings that and to the top manway cove ffix an identifi	of Hobbs vill be close extend abo of the vau er in place to ication sign	ed in the followe 2.5' BGS uit for security to the man	owing manne S way that	er:	SIL	OCATION DEWALLS		
BOTTOM General Descriptions per agreement within the city limit. remove all pipers. fill vault with said, spot-weld the relation identifies R	with the City ts of Hobbs was fittings that and to the top manway cove ffix an identifi ice Operating	of Hobbs vill be close extend abo of the vau er in place t ication sign g Company	ed in the followe 2.5' BGS alt for security a to the many as the resp	owing mannes	er:	Sit	DCATION DEWALLS BOTTOM	DEPTH	mg/kg
BOTTOM General Description As per agreement within the city limit remove all pipe 2. fill vault with satisfied the removed t	twith the City ts of Hobbs we fittings that and to the top manway cove ffix an identifi	of Hobbs vill be close extend abo of the vau er in place t ication sign g Company	ed in the followe 2.5' BGS ult for security to the many as the resp	owing mannes way that consible part	er:	SIT E	DCATION DEWALLS BOTTOM	DEPTH	mg/kg
BOTTOM General Description As per agreement within the city limit remove all pipe and fill vault with sales. Spot-weld the residentifies R	with the City ts of Hobbs was fittings that and to the top manway cove ffix an identifice Operating	of Hobbs vill be close extend abo of the vau er in place t ication sign g Company	ed in the followe 2.5' BGS ult for security to the many as the resp	way that consible part	er: y	SII E	DEWALLS BOTTOM	DEPTH	mg/kg



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
Hobbs	G-3	G	3	198	38E	LEA	Length	Wiath	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	: Within City	Limits
Depth to Grou	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT	RANKING S	SCORE:	20
Date Started	l		Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavated	lnone	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fe
Soil Disposed	I	cubic ya	rds Of	fsite Facility	······································		Location		
INAL ANALY	TICAL F	RESULTS	S: Sampl	e Date			Sample De	epth	
				,					
	rocure 5-poil BTEX and (•		•				
	DIEX allu (pursuant to			oved lab all	u testii ig	
	.,		,	•	<u> </u>				
Sample Location	Benzene mg/kg	a	uene Ei g/kg	thyl Benzene mg/kg	Total Xylen mg/kg	1	RO /kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	1							1	
BOTTOM							.		
eneral Descriptions s per agreement			Engineer, al	I junction bo	xes			RIDE FIELD	
ithin the city limit	s of Hobbs	will be close	d in the folk	owing manne	er.		CATION	DEPTH	mg/kg
. remove all pipe	fittings that	extend abo	ve 2.5' BGS	3	· · · · · · · · · · · · · · · · · · ·	Sil	DEWALLS		
fill vault with sa	and to the to	p of the vau	lt				BOTTOM		
spot-weld the n	nanway cov	er in place fo	or security						
. permanently af	fix an identif	fication sign	to the many	way that					
identifies Ri	ice Operatin	g Company	as the resp	onsible party	<i>'</i>			, 	
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I HEREE	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	HE BEST O	FMY
ATE	Decem	nber 4. 2002	ı	PRI	NTED NAME		D. E.	Anderson	
IGNATURE									nental
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SWD SYSTEM	A JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX D	IMENSIONS	- FEET
Hobbs	H-4	Н	4	198	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Gro	undwater	<50	feet	NMOCE	SITE ASS	ESSMENT F	RANKING S	CORE:	20
Date Starte	ed		_ Date Co	mpleted	9/1/2002	v	Vitness	N	10
Soil Excavate	ed <u>none</u>	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fee
Soil Dispose	ed	cubic ya	rds Of	fsite Facility			Location		
FINAL ANAL	YTICAL F	RESULTS	S: Sampl	e Date			Sample De	pth	
:	Procure 5-poi BTEX and (Chloride lab	e sample of oratory test procedures	results comp	pleted by us	ing an appro			
Sample	Benzene		1	thyl Benzene	Total Xylen			DRO	Chlorides
Location SIDEWALLS	mg/kg	m	g/kg	mg/kg	mg/kg	mg	/kg	mg/kg	mg/kg
BOTTOM					<u> </u>				
General Descrip As per agreeme	nt with the Cit	y of Hobbs						NIDE FIELD	
within the city lin					er:		CATION	DEPTH	mg/kg
1. remove all pi			· · · · · · · · · · · · · · · · · · ·	<u> </u>		— <u> </u>	DEWALLS		
2. fill vault with	 		·····				BOTTOM	 	
3. spot-weld the				44 -4					
4. permanently				way that		1			
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SWD SYSTEM	LIUNCTION	UNIT	SECTIO	N TOWNSHIP		COUNTY	BOY	DIMENSIONS	
Hobbs	H-4-1	Н	4	198	38E	LEA	Length	Width	Depth
		· · · · · · · · · · · · · · · · · · ·							
LAND TYPE:	BLM	STATE	FEE	LANDOWNER			OTHER	Within City	Limits
Depth to Grou	ndwater	<50	feet	NMOC	D SITE ASS	ESSMENT	RANKING S	SCORE:	20
Date Started	1		_ Date (Completed	9/1/2002	OCD \	Witness	N	0
Soil Excavated	none_	cubic ya	ırds E	Excavation L	ength	Width		Depth	feel
Soil Disposed	1	cubic ya	ırds	Offsite Facility	/	····	Location		
TAIAI ANIAIN	CTIO AL D	EOULT	3.						
FINAL ANAL	YIICALR	ESULIS	o: Sam	iple Date			Sample D	epth	
P				of bottom and					
	BTEX and C			est results con es pursuant to			oved lab an	d testing	
			procedur						
Sample Location	Benzene mg/kg	4	uene g/kg	Ethyl Benzene mg/kg	Total Xyler mg/kg		RO /kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS					l angung				
BOTTOM									
General Description As per agreement			Engineer,	, all junction b	oxes		CHLOR	RIDE FIELD	TESTS
within the city limit					ner:		CATION	DEPTH	mg/kg
remove all pipe			·	GS			DEWALLS		
2. fill vault with sa					· · · · · · · · · · · · · · · · · · ·	E	воттом		
3. spot-weld the									
4. permanently a								,	
Identifies R	ice Operating	Company	as the re	esponsible par	ty				

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HERE	BY CERTIFY	THAT THE		MATION ABOV			LETE TO T	HE BEST O	FMY
DATE	Decem	ber_4, 2002	2	PF	RINTED NAME		D. E.	Anderson	
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SWD SYSTEM	JUNCTION	LINUT	LOCATION	BOX LOC				SI EVOLOGIA	
SVVD SYSTEM	 	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	Length	IMENSIONS Width	- FEET Depth
Hobbs	Comer H-4	Н	4	198	38E	LEA			33001
LAND TYPE: 1	BLM	STATE	FEE L	ANDOWNER	* ***		OTHER	Within City	Limits
Depth to Grou	ndwater	<50	feet	NMOCE	SITE ASS	ESSMENT I	RANKING S	CORE:	20
Date Started			Date C	ompleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavated	none	cubic ya	rds Ex	cavation Le	ngth	Width		Depth	fee
Soil Disposed		cubic ya	irds C	offsite Facility			Location		
INAL ANALY	TICAL F	RESULTS	S: Samo	ole Date			Sample De	epth	
Pr	•	Chloride lab	oratory tes	of bottom and t results com s pursuant to	pleted by us	ing an appr			
Sample	Benzene			Ethyl Benzene	Total Xylen	4		DRO	Chlorides
Location SIDEWALLS	mg/kg	m	g/kg	mg/kg	mg/kg	l mg	/kg	mg/kg	rng/kg
BOTTOM	1				<u> </u>				
as per agreement within the city limit remove all pipe	s of Hobbs	will be close	ed in the fo	llowing mann	·		OCATION DEWALLS	DEPTH	
. fill vault with sa							BOTTOM	<u> </u>	
spot-weld the r		`							
. permanently af									
identifies Ri	ce Operatin	g Company	as the res	ponsible part	y 		····		

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I HEREE	BY CERTIFY	THAT THE		ATION ABOV OWLEDGE			LETE TO T	HE BEST O	F MY
DATE	Decen	nber 4, 2002	2	PR	INTED NAME		D. E.	Anderson	
IGNATURE	66	MULLA			TITLE	Pr	oject Leade	er - Environn	nental
	,								



S	WD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS -	- FEET
	Hobbs	0-21-2	0	21	18\$	38E	LEA	Length	Width	Depth
LA	ND TYPE: 1	BLM	STATE	FEE LA	NDOWNER			OTHER	R Within City	Limits
De	epth to Groui	ndwater	<50	_feet	NMOCD	SITE ASSI	ESSMENT	RANKING (SCORE:	20
1	Date Started			_ Date Co	mpleted	9/1/2002	OCD \	Witness	N	0
Sc	il Excavated	none	cubic ya	ards Exc	cavation Le	ngth	Width		Depth	feei
S	Soil Disposed		cubic ya	ards Of	fsite Facility		· · · · · · · · · · · · · · · · · · ·	Location		
FINA	AL ANALY	/TICAL F	RESULTS	S: Sampi	e Date			Sample D	epth	
	· Pr	•	Chloride lab	oratory test	bottom and results comp pursuant to	pleted by us	ing an appr	•		
	Sample Location	Benzene mg/kg	3	luene E g/kg	ihyi Benzene mg/kg	Total Xylen mg/kg		RO //kg	DRO mg/kg	Chlorides mg/kg
	DEWALLS	i ilig/kg	111	g/kg !	mg/kg	mg/kg	1 1110	// I	nigrky	mgrkg
	BOTTOM									
As pe	ral Description	with the Cit	y of Hobbs					· ,	RIDE FIELD	
	the city limit move all pipe							DEWALLS	DEPTH	mg/kg
	vault with sa				<u> </u>	<u> </u>		BOTTOM		
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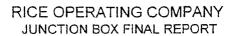
SWD SYSTEM	JUNCTION	UNII	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	
Hobbs	M-27-1	М	27	185	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Grou									
Date Started			Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavated	lnone	cubic ya	ards Exc	cavation Le	ngth	Width		Depth	fe
Soil Disposed									
INAL ANALY	YTICAL F	RESULT	S: Sampl	e Date			Sample D	epth	
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Sample	Benzene	Į.	. 1	thyl Benzene	1 .		RO	DRO	Chlorides
Location SIDEWALLS	mg/kg	<u> </u>	ig/kg	mg/kg	mg/kg	1 1119	/kg	mg/kg {	mg/kg
воттом				- ,, -, ,-					
General Descriptions	with the Cit	y of Hobbs						RIDE FIELD	
General Descriptions Seneral Descriptions Seneral Descriptions	with the Cit	y of Hobbs will be clos	ed in the follo	owing mann			CATION	DEPTH	
General Descriptions per agreement vithin the city limit remove all pipe	with the Cit ts of Hobbs e fittings that	y of Hobbs will be close extend ab	ed in the follo	owing mann		SII		DEPTH	
Seneral Descriptions Seneral Descriptions Seneral Descriptions	with the Cit ts of Hobbs e fittings that and to the to	y of Hobbs will be close extend ab p of the var	ed in the folloove 2.5' BGS	owing mann		SII	OCATION DEWALLS	DEPTH	
General Descriptions per agreement within the city limit remove all pipe to fill vault with se	with the Cit ts of Hobbs e fittings that and to the to manway cov	y of Hobbs will be close extend ab p of the value er in place	ed in the folloove 2.5' BGS ult for security	owing manno		SII	OCATION DEWALLS	DEPTH	
General Descriptions per agreement vithin the city limit remove all pipe of the fill vault with said spot-weld the response of the permanently at	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identi	y of Hobbs will be close extend ab p of the valuer in place fication sign	ed in the folloove 2.5' BGS ult for security	owing mannos	er:	SII	DEWALLS BOTTOM	DEPTH	
General Descriptions per agreement within the city limit remove all pipe fill vault with satisfications apot-weld the resportantly at	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identi	y of Hobbs will be close extend ab p of the valuer in place fication sign	ed in the folloove 2.5' BGS ult for security n to the man	owing mannos	er:	SII	OCATION DEWALLS	DEPTH	
Seneral Descriptions per agreement within the city limit remove all pipe of the fill vault with sales spot-weld the response of the permanently at	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identi	y of Hobbs will be close extend ab p of the valuer in place fication sign	ed in the folloove 2.5' BGS ult for security n to the man	owing mannos	er:	SII	DEWALLS BOTTOM	DEPTH	
Seneral Descriptions per agreement within the city limit remove all pipe fill vault with satisfications spot-weld the removently at	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identi	y of Hobbs will be close extend ab p of the valuer in place fication sign	ed in the folloove 2.5' BGS ult for security n to the man	owing mannos	er:	SII	DEWALLS BOTTOM	DEPTH	
General Descriptions per agreement within the city limit remove all pipe fill vault with satisfications apot-weld the resportantly at	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identi	y of Hobbs will be close extend ab p of the valuer in place fication sign	ed in the folloove 2.5' BGS ult for security n to the man	owing mannos	er:	SII	DEWALLS BOTTOM	DEPTH	
General Descriptions per agreement vithin the city limit remove all pipe of the fill vault with said spot-weld the response of the permanently at	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identi	y of Hobbs will be close extend ab p of the valuer in place fication sign	ed in the folloove 2.5' BGS ult for security n to the man	owing mannos	er:	SII	DEWALLS BOTTOM	DEPTH	
General Descriptions per agreement within the city limit. remove all pipes. fill vault with sells, spot-weld the repermanently at identifies R	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identifice Operation	y of Hobbs will be close extend ab p of the var er in place fication sign g Company	ed in the followe 2.5' BGS ult for security to the many as the resp	way that onsible part	er: y	SII E	DCATION DEWALLS BOTTOM	DEPTH	mg/kg
General Descriptions per agreement within the city limit. remove all pipes. fill vault with sells, spot-weld the repermanently at identifies R	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identifice Operatin	y of Hobbs will be close extend ab p of the var er in place fication sign g Company	ed in the followe 2.5' BGS ult for security to the many as the resp	way that onsible part	er: y E IS TRUE; AND BELIEF	AND COMP	DCATION DEWALLS BOTTOM	DEPTH	mg/kg
General Descriptions per agreement within the city limit. remove all pipe in fill vault with sails, spot-weld the residentifies R	with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identifice Operatin	y of Hobbs will be close extend ab p of the var er in place fication sign g Company	ed in the followe 2.5' BGS ult for security to the many as the resp	way that onsible part	er: y E IS TRUE AND BELIEF	AND COMP	DCATION DEWALLS BOTTOM	DEPTH	mg/kg



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX	DIMENSIONS	- FEET
Hobbs	M- 27-2	М	27	185	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHE	R Within City	Limits
Depth to Groui	ndwater	· <50	feet	NMOCE	SITE ASSI	ESSMENT	RANKING :	SCORE:	20
Date Started			Date Co	mpleted	9/1/2002	OCD	Witness	N	0
Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fee
Soil Disposed		cubic ya	rds Of	fsite Facility			Location		
INAL ANALY	TICAL R	ESULTS	S: Sampi	e Date			Sample D	epth	
	ocure 5-poir BTEX and (Chloride lab	oratory test		pleted by us	ing an appr			
Sample	Benzene	1		thyl Benzene	1 -		RO	DRO ma/ka	Chlorides
Location SIDEWALLS	mg/kg	j mg	g/kg	mg/kg	mg/kg	mç	ı/kg	mg/kg I	mg/kg
BOTTOM									
eneral Descriptions s per agreement	with the City	y of Hobbs I					CHLO	RIDE FIELD DEPTH	
ithin the city limit remove all pipe					GI.		DEWALLS	UCFIN	mg/kg
. fill vault with sa			· · · · · · · · · · · · · · · · · · ·				BOTTOM		
. spot-weld the r				·-·					
. permanently af				way that					
	ce Operatin			 	у		,		
				·					
I HEREB	Y CERTIFY	THAT THE		TION ABOV DWLEDGE A			PLETE TO	THE BEST O	FMY
ATE					INTED NAME				
IGNATURE	1 Ela	millen	77		TITLE	Р	roject Lead	er - Environn	nental



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
Hobbs	H-28	Н	28	18S	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHE	R Within City	Limits
Depth to Gro	undwater	<50	feet	NMOCE	SITE ASSI	ESSMENT I	RANKING	SCORE:	20
Date Starte	ed	1	Date Co	mpleted	9/1/2002		Vitness	N	0
Soil Excavate	ed none	cubic ya	rds Ex	cavation Le	ngth	Width		Depth	feet
Soil Dispose	ed	cubic ya	rds Of	fsite Facility		 	Location	1	
FINAL ANAL	YTICAL F	RESULTS	S: Sampi	le Date			Sample D	epth	
!	Procure 5-poi BTEX and (Chloride lab	oratory test	bottom and results comp pursuant to	pleted by us	ing an appr			
Sample	Benzene	1	1	ihyl Benzene	Total Xylen		RO	DRO ma/kg	Chlorides
Location SIDEWALLS	mg/kg	TO:	g/kg	mg/kg	mg/kg	i mo	/kg	mg/kg	mg/kg
BOTTOM									
General Descrip Concrete vault w Excavation was	as removed ι	ipon instruc					CHLO	RIDE FIELD DEPTH	
Excavation was	Dackinied witi	i ciean son	and line ma	ikei ilistallet	<u>, </u>		DEWALLS		- Ing/kg
			, , , , , , , , , , , , , , , , , , , 	·		 }	BOTTOM		
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e•		1,0							
									
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			·····						
I HERE	BY CERTIFY	THAT THE		TION ABOV			LETE TO	THE BEST O	F MY
DATE	Decen	nber 4, 2002	2	PR	INTED NAME		D. E.	Anderson	
SIGNATURE									nental



				BOX LOC					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	
Hobbs	P-28-2	Р	28	18S	38E	LEA	Length	Width	Depth
LAND TYPE: E	BLM	STATE	FEE l	ANDOWNER			OTHER	Within City	/ Limits
Depth to Groun	ndwater	<50	_feet	NMOCE	SITE ASSE	ESSMENT F	RANKING S	CORE:	20
Date Started			_ Date C	ompleted	9/1/2002	OCD V	Vitness		10
Soil Excavated	none	cubic ya	erds E	xcavation Le	ngth	Width		Depth	fe
Soil Disposed		cubic ya	ards C	Offsite Facility		· · · · · · · · · · · · · · · · · · ·	Location		
NAL ANALV	TICN D	ECH TO	S. Sam.	min Data			Samula Da		
NAL ANALY	HOALIN	LOULIC	J. Sami	pie Date			Sample De		
Sample	Benzene	To	luene	Ethyl Benzene	Total Xylen	es GF		DRO	Chlorides
Location	mg/kg		g/kg	mg/kg	mg/kg	<u> </u>	/kg	mg/kg	mg/kg
SIDEWALLS BOTTOM	<u> </u>				1				
s per agreement thin the city limit				· · · · · · · · · · · · · · · · · · ·		LC	CATION	DEPTH	l mg/kg
remove all pipe	fittings that	extend abo	ove 2.5' BC	38		SIE	DEWALLS		
fill vault with sa	nd to the top	of the val	uit				моттом		
spot-weld the n	nanway cove	er in place f	for security	/					
permanently af									
				sponsible party	у		•		
		o#			· · · · · · · · · · · · · · · · · · ·			~	
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I HEREB	Y CERTIFY	THAT THE		ATION ABOV NOWLEDGE A			LETE TO T	HE BEST (OF MY
ATE	Decem	ber 4, 2002	2	PRI	INTED NAME		D. E.	Anderson	<u></u>
	1 /6/ A.	n ill sam	7						
GNATURE	La Call	<u> (LEZZZA)</u>	\sim		HILE	Pr	olect Fead	=ı - ⊏⊓vironi	nental



	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX E	DIMENSIONS	- FEET
	Hobbs	H-33	Н	33	18S	38E	LEA	Length	Width	Depth
	LAND TYPE: I	BLM	STATE	FEE L/	ANDOWNER			OTHER	Within City	Limits
	Depth to Grou	ndwater	<50	feet	NMOCE	SITE ASSE	ESSMENT F	RANKING S	CORE:	20
	Date Started			_ Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
	Soil Excavated	none	cubic ya	rds Ex	cavation Le	ngth	Width		Depth	fee
	Soil Disposed		cubic ya	rds O	ffsite Facility			Location		
FI	NAL ANALY	TICAL F	RESULTS	S: Samp	le Date			Sample De	epth	
			Chloride lab	oratory test	f bottom and results comp pursuant to	pleted by us	ing an appr			
	Sample	Benzene	1		ihyi Benzene	1	1	,	DRO	Chlorides
_	Location SIDEWALLS	mg/kg	m	g/kg	mg/kg	mg/kg	mg mg	/kg	mg/kg	mg/kg
	воттом							i	i	·
As	eneral Description per agreement thin the city limit	with the Cit	y of Hobbs					CHLOR	DEPTH	
	remove all pipe							DEWALLS		
2.	fill vault with sa	and to the to	p of the vau	it				BOTTOM		
3.	spot-weld the r	nanway cov	er in place f	or security				-		
4.	permanently af	fix an identi	fication sign	to the man	way that					
	identifies Ri	ce Operatin	g Company	as the resp	onsible part	y				
			ar .			.				
	I HEREE	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	HE BEST O	FMY
DA	ATE	Decen	nber 4, 2002	2	PRI	INTED NAME		D. E.	Anderson	
e i	CMATINE	166	axion						er - Environm	nental
210	GNATURE	11.14.	6-6-6-6-16				1-1	o,cor Esauc	. CHANGIIII	10/1101



	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
	Hobbs	1-33	1	33	18S	38E	LEA	Length	Width	Depth
	LAND TYPE:	3LM	STATE	FEE LA	NDOWNER	-		OTHE	R Within City	Limits
	Depth to Groun	ndwater	<50	_feet	NMOCE	SITE ASSI	ESSMENT	RANKING	SCORE:	20
	Date Started		<u> </u>	_ Date Cor	mpleted	9/1/2002	OCD /	Vitness	N	10
	Soil Excavated	none	cubic ya	ards Exc	avation Le	ngth	Width		Depth	fee
	Soil Disposed		cubic ya	ards Off	fsite Facility			Location	1	
	NAL ANALY	TICAL S	DEQUIT	S. Samul	o Dato			Samula D		
\$ 1		I I I C/\L I	\LUUL!	J. Sampi	e Date			Sample D	ehru	
	Pr	•		e sample of oratory test procedures	results com	pleted by us	ing an appr	-		
	Sample	Benzen			hyi Benzene		1	२०	DRO	Chlorides
	Location SIDEWALLS	mg/kg	m	g/kg	mg/kg	mg/kg	mg	/kg	mg/kg	mg/kg
 	BOTTOM								-	
As	per agreement	with the Cit	y of Hobbs		 	· · · · · · · · · · · · · · · · · · ·		CHLO	RIDE FIELD	
	hin the city limit remove all pipe					el.		DEWALLS	DEPTH	mg/kg
	fill vault with sa		· · · · · · · · · · · · · · · · · · ·					BOTTOM	 	
	spot-weld the r									
	permanently af			· · · · · · · · · · · · · · · · · · ·	way that					
				as the resp		/	- .	•		
								e#	200	
	I HEREE	BY CERTIFY	THAT THE		TION ABOV			PLETE TO	THE BEST O	F MY
DA	TE	Decen	nber_4. 2002	2	PRI	NTED NAME		D. E.	Anderson	
SIC	SNATURE	X /	MARIN	T-		TITLE	P	roiect Lead	er - Environn	nental
J.(/11/	<u>-1- 2 -4-1-1/1</u>	<i>a</i>						



Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Senzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg Mg/	SWD SYSTE	M JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX [DIMENSIONS	- FEET
Depth to Groundwater <50 feet NMCCD SITE ASSESSMENT RANKING SCORE: 20 Date Started Date Completed 9/1/2002 OCD Witness NO Soil Excavated none cubic yards Excavation Length Width Depth feet Soil Disposed cubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Toluene Edhyl Benzene Total Xylenes mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg SIDEWALLS BOTTOM General Description of Remedial Action: CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5 BGS 2. fill vault with sand to the top of the vault identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson	Hobbs	I-33-1		33	18\$	38E	LEA	Length	Width	Depth
Date Started Date Completed 9/1/2002 OCD Witness NO Soil Excavated none cubic yards Excavation Length Width Depth feet Soil Disposed cubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes Mg/kg mg/kg mg/kg mg/kg mg/kg SIDEWALLS BOTTOM CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5 BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson	LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Soil Excavated none cubic yards Excavation Length Width Depth fee Soil Disposed cubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Senzene Tolusene Ethyl Benzene Total Xylenes GRO May										
Soil Excavated none cubic yards Excavation Length Width Depth feet Soil Disposed cubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO Mg/kg mg/kg mg/kg mg/kg mg/kg SIDEWALLS BOTTOM CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner. I. remove all pipe fittings that extend above 2.5° BGS SIDEWALLS BOTTOM SiDEWALLS BOTTOM LOCATION DEPTH mg/kg SIDEWALLS BOTTOM LOCATION DEP	Date Starte	ed		Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Disposed										fee
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample										
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Senzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg Mg/										
BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Location Benzene Totuene Ethyl Benzene Total Xylenes mg/kg m	FINAL ANAI	LYTICAL F	RESULTS	S: Sampl	e Date			Sample De	epth	
Sample Benzene Tolluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg Mg			•			-	-			
Location mg/kg mg/		BTEX and		-				oved lab an	d testing	
Sidewalls Bottom General Description of Remedial Action: As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. Date December 4, 2002 PRINTED NAME D. E. Anderson	Sample		•			Total Xylen	es Gi	RO	DRO	
General Description of Remedial Action: As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson			m _i	g/kg	mg/kg	mg/kg	mg	/kg	mg/kg	mg/kg
General Description of Remedial Action: As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson										
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2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson						er:			DEPIN	mg/kg_
3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson		 			<u> </u>					
4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				<u> </u>			
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson							-			
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson						y				•
DATE December 4, 2002 PRINTED NAME D. E. Anderson	·····		20	 				·		600
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DATE December 4, 2002 PRINTED NAME D. E. Anderson										
DATE December 4, 2002 PRINTED NAME D. E. Anderson										
DATE December 4, 2002 PRINTED NAME D. E. Anderson	·									
(10/11 1/1	l HER	EBY CERTIFY	THAT THE					LETE TO T	THE BEST C	F MY
(10/11 1/1	DATE	Decer	nber 4. 2002	2	PR	INTED NAME		D. E.	Anderson	
SIGNATURE AT A MANUACCIPAR TO THE TOTAL ESTATE AND		. (Polled	1100						nental
	שאט ו אאטונ		M. G. WOLL	Miller -		11144				



	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX [DIMENSIONS	- FEET
	Hobbs	I-33-2	I	33	185	38E	LEA	Length	Wiath	Depth
L	AND TYPE: I	BLM	STATE_	FEE LA	NDOWNER			OTHER	Within City	Limits
D	epth to Grou	ndwater	<50	feet	NMOCE	SITE ASS	ESSMENT	RANKING S	SCORE:	20
	Date Started		,	Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Sc	oil Excavated	none	cubic ya	irds Exc	cavation Le	ngth	Width		Depth	fee
5	Soil Disposed		cubic ya	rds Of	fsite Facility			Location		
FIN	AL ANAL)	rocure 5-poi	nt composit	e sample of	bottom and	4-point con	nposite sam	ple of sidev	valls. TPH,	
				procedures	pursuant to	NMOCD gu	idelines.			
	Sample Location	Benzene mg/kg	ŧ.	uene E g/kg	ihyi Benzene mg/kg	Total Xylen	1	RO /kg	DRO mg/kg	Chlorides mg/kg
SI	DEWALLS	1		şş						
withir	er agreement n the city limit	ts of Hobbs	will be close	ed in the follo	owing manne			CATION	DEPTH	mg/kg
	move all pipe				<u> </u>			DEWALLS BOTTOM		
	I vault with sa pot-weld the r		·					OTTOW		
	ermanently at									
7. pi					onsible part	y				
	a4									
										
	The state of the s									
	I HEREE	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	HE BEST C	FMY
DATE	Ē	Decen	nber-4, 2002	2	PRI	INTED NAME		D. E.	Anderson	
SIGN	ATURE	1/1/2	BAMMA							nental
SIGN	ATURE	<u>JAC</u>	LEGUIA	<u> </u>		TITLE	Pı	roject Leade	er - Environr	nental



BOX LOCATION SWD SYSTEM | JUNCTION | UNIT | SECTION TOWNSHIP RANGE | COUNTY | BOX DIMENSIONS - FEET Width Hobbs 1-33-3 185 38E LEA LAND TYPE: BLM STATE FEE LANDOWNER OTHER Within City Limits Depth to Groundwater <50 feet NMCCD SITE ASSESSMENT RANKING SCORE: 20 Date Started _____ Date Completed 9/1/2002 OCD Witness NO Soil Excavated none cubic yards Excavation Length Width Depth feet Soil Disposed ____cubic yards Offsite Facility _____ Location ____ FINAL ANALYTICAL RESULTS: Sample Date ______Sample Depth_____ Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xvienes Chiorides Location mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg SIDEWALLS BOTTOM General Description of Remedial Action: CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes LOCATION within the city limits of Hobbs will be closed in the following manner: DEPTH mg/kg SIDEWALLS 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault BOTTOM 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. PRINTED NAME D. E. Anderson

SIGNATURE TITLE Project Leader - Environmental



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	ВОХ	DIMENSIONS -	- FEET
Hobbs	P-33	Р	33	18S	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE L	ANDOWNER			OTHER	Within City	Limits
Depth to Groun	ndwater	<50	feet	NMOCD	SITE ASSI	ESSMENT F	RANKING S	SCORE:	20
Date Started		w	Date Co	ompleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavated	none	cubic ya	rds Ex	cavation Le	ngth	Width	·····	Depth	feet
Soil Disposed		cubic ya	rds O	ffsite Facility			Location		
FINAL ANALY	/TICAL F	RESULTS	S: Samp	ile Date			Sample De	epth	
Pr		Chloride lab	oratory test	of bottom and t results comp s pursuant to	oleted by us	ing an appr			
Sample Location	Benzene mg/kg	1	uene E g/kg	Eihyl Benzene ma/ka	Total Xylen mg/kg	es GF mg	RO /kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	1 mg/kg	1 111	y/vg I	mg/kg	під/ку_	i nig	/Ng	mg/kg	mg/kg
воттом									
General Description			Engineer, a	all junction bo	xes			RIDE FIELD	TESTS
vithin the city limit					er.		CATION	DEPTH	mg/kg
1. remove all pipe				S		— 	DEWALLS		
2. fill vault with sa	and to the to	p of the vau	ilt			<u> E</u>	SOTTOM		
3. spot-weld the r	nanway cov	er in place f	or security						
 permanently at 				 					
identifies Ri	ice Operatin	g Company	as the resp	ponsible party	<i>/</i> .		•		

I HEREE	BY CERTIFY	THAT THE		ATION ABOV OWLEDGE A			LETE TO T	HE BEST O	F MY
DATE	Decen	nber 4, 2002	2	PRI	NTED NAME		D. E.	Anderson	
SIGNATURE		villena	7						nental



SWD SYSTEM	JUNCTION	UNII	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	1 44
Hobbs	D-34	D	34	185	38E	LEA	Length	Width	Depth
LAND TYPE: B	LM	STATE	FEE LA	NDOWNER			OTHE	R Within City	Limits
Depth to Groun	dwater	<50	_feet	NMOCE	SITE ASS	ESSMENT F	RANKING :	SCORE:	20
Date Started			_ Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavated	none	cubic ya	ards Exc	cavation Le	ngth	Width		Depth	1
Soil Disposed		cubic ya	ards Off	fsite Facility			Location	1	
INAL ANALY	TICAL R	RESULTS	S: Sampl	e Date	···		Sample D	epth	
	-		e sample of oratory test procedures	results com	pleted by us	ing an appr			
Sample Location	Benzene mg/kg	1		hyi Benzene ma/ka	Total Xylen		RO /kg	DRO mg/kg	Chlorides mg/kg
		3 111	g/kg	myrky	myrky	1 1119	/NG 1	nig/kg	nig/kg
SIDEWALLS BOTTOM eneral Description	n of Remed	dial Action:					CHLO	RIDE FIELD	TESTS
SIDEWALLS BOTTOM eneral Descriptions per agreement	n of Remed	dial Action:	Engineer, al				CHLO	RIDE FIELD	
SIDEWALLS BOTTOM eneral Descriptions per agreement within the city limits remove all pipe	n of Remed with the Cit s of Hobbs v fittings that	dial Action: y of Hobbs will be close t extend abo	Engineer, alled in the follower 2.5' BGS	owing mann		Sil	OCATION DEWALLS		
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar	n of Remed with the City of Hobbs v fittings that and to the to	dial Action: y of Hobbs will be close t extend abo p of the vau	Engineer, alled in the followe 2.5' BGS	owing mann		Sil	CATION		
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar spot-weld the m	n of Remed with the City of Hobbs v fittings that and to the to	dial Action: y of Hobbs will be close t extend abo p of the vau	Engineer, all ed in the followe 2.5' BGS alt for security	owing manno		Sil	OCATION DEWALLS		
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar spot-weld the memore permanently aff	n of Remed with the City of Hobbs of fittings that and to the to tanway cover ix an identif	dial Action: y of Hobbs will be close t extend abo p of the vau er in place	Engineer, all ed in the followe 2.5' BGS alt for security in to the many	owing mannon	er:	Sil	DEWALLS BOTTOM		
eneral Descriptions per agreement within the city limits remove all pipe fill vault with sar spot-weld the m	n of Remed with the City of Hobbs of fittings that and to the to tanway cover ix an identif	dial Action: y of Hobbs will be close t extend abo p of the vau er in place	Engineer, all ed in the followe 2.5' BGS alt for security in to the many	owing mannon	er:	Sil	OCATION DEWALLS		
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar spot-weld the memore permanently aff	n of Remed with the City of Hobbs of fittings that and to the to tanway cover ix an identif	dial Action: y of Hobbs will be close t extend abo p of the vau er in place	Engineer, all ed in the followe 2.5' BGS alt for security in to the many	owing mannon	er:	Sil	DEWALLS BOTTOM	DEPTH	
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar spot-weld the memore permanently aff	n of Remed with the City of Hobbs of fittings that and to the to tanway cover ix an identif	dial Action: y of Hobbs will be close t extend abo p of the vau er in place	Engineer, all ed in the followe 2.5' BGS alt for security in to the many	owing mannon	er:	Sil	DEWALLS BOTTOM	DEPTH	
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar spot-weld the mannerally aff	n of Remed with the City of Hobbs of fittings that and to the to tanway cover ix an identif	dial Action: y of Hobbs will be close t extend abo p of the vau er in place	Engineer, all ed in the followe 2.5' BGS alt for security in to the many	owing mannon	er:	Sil	DEWALLS BOTTOM	DEPTH	
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sar spot-weld the mannerally aff	n of Remed with the City of Hobbs of fittings that and to the to tanway cover ix an identif	dial Action: y of Hobbs will be close t extend abo p of the vau er in place	Engineer, all ed in the followe 2.5' BGS alt for security in to the many	owing mannon	er:	Sil	DEWALLS BOTTOM	DEPTH	
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sare spot-weld the more permanently afficientifies Richard	n of Remed with the City s of Hobbs v fittings that and to the to lanway cover ix an identification	dial Action: y of Hobbs will be close t extend abo p of the vau er in place fication sign g Company	Engineer, all ed in the folk ove 2.5' BGS alt for security in to the many as the response to the security of t	way that onsible party	er: y E IS TRUE.	AND COMP	DEWALLS BOTTOM	DEPTH	mg/kg
SIDEWALLS BOTTOM General Descriptions per agreement within the city limits remove all pipe fill vault with said spot-weld the management permanently afficientifies Rich lidentifies Rich lident	n of Remed with the City of Hobbs vanishing that fittings that and to the to answay covering ix an identifice Operation	dial Action: y of Hobbs will be close t extend abo p of the vau er in place t fication sign g Company	Engineer, all ed in the folk ove 2.5' BGS alt for security a to the many as the response to the response to the many as the response to th	way that onsible party	er: y E IS TRUE :	AND COMP	DEWALLS BOTTOM	DEPTH	mg/kg
eneral Descriptions per agreement vithin the city limits remove all pipe fill vault with sare spot-weld the more permanently afficientifies Richard	n of Remed with the City of Hobbs vanishing that fittings that and to the to answay covering ix an identifice Operation	dial Action: y of Hobbs will be close t extend abo p of the vau er in place fication sign g Company	Engineer, all ed in the folk ove 2.5' BGS alt for security a to the many as the response to the response to the many as the response to th	way that onsible party	E IS TRUE. AND BELIEF	AND COMP	DEWALLS BOTTOM LETE TO T	DEPTH	mg/kg



SWD SYSTE	M JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX [DIMENSIONS -	FFFT
Hobbs	O-34	0	34	18S	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Gro	oundwater	<50	feet	NMOCD	SITE ASSI	ESSMENT F	RANKING S	CORE:	20
Date Starte	ed		Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavate	ed <u>none</u>	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	feet
Sail Dispos	ed	cubic ya	rds Of	fsite Facility			Location		
FINAL ANAI	LYTICAL F	RESULTS	S: Sampi	le Date			Sample De	epth	
		Chloride lab	oratory test procedures	results computed pursuant to	pleted by us NMOCD gu	ing an approidelines.	oved lab an	d testing	
Sample Location	Benzene mg/kg	1	uene E g/kg	thyl Benzene mg/kg	Total Xylen mg/kg	es GF mg		DRO mg/kg	Chlorides mg/kg
SIDEWALLS			31.3						
воттом						<u></u>			
General Descrip As per agreeme			Engineer, a	Il junction bo	xes		CHLOF	RIDE FIELD	TESTS
within the city lir	····				er:		CATION	DEPTH	mg/kg
remove all pi				S			DEWALLS		
2. fill vault with	sand to the to	p of the vau	it			E	воттом		
spot-weld the	e manway cov	er in place f	or security		- · · · · · · · · · · · · · · · · · · ·				
permanently									
identifies	Rice Operatin	g Company	as the resp	onsible part	y		•		·
							_		
	<u> </u>								
							······································		
									
I HER	EBY CERTIFY	THAT THE		TION ABOV DWLEDGE A			LETE TO T	HE BEST O	F MY
DATE	Decen	nber.4, 2002	2	PR	INTED NAME		D. E.	Anderson	
SIGNATURE _								er - Environm	nental
	····						,		

Kristin Farris Pope

From:

"Price, Wayne" <WPrice@state.nm.us>

To:

"Kristin Farris Pope (E-mail)" <enviro@leaco.net>; "Carolyn Doran Haynes (E-mail)"

<riceswd@leaco.net>

Sent:

Thursday, May 12, 2005 1:01 PM

Subject:

Hobbs System Status

OCD has 37 sites listed as potential for groundwater impact, but are not yet at a work-status to report as a disclosure. We have logged another 40 as final reports that were submitted. The following sites were noted in your 2002 report and we have no record of.

B-3,D-34,E-3-1,E-3,G-3,H-4-1, H-4, I-33,I-33-1,I-33-2,I-33-3,M-27-1,M27-2,O-21-2,O-34,P-28-2,P-33. What is the status of these sites?

Why did you list the 37 as potential groundwater impact without a disclosure report?

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487

fax: 505-476-3462

E-mail: WPRICE@state.nm.us

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SWD SYSTEM	JUNCTION	UNIT	SECTION	BOX LOC		COUNTY	BOY	DIMENSIONS -	CCCT
· • · · · · · · · · · · · · · · · · · ·							Length	Width	Depth
Hobbs	B -3	В	3	198	38E	LEA			
LAND TYPE: E	3LM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Grour	ndwater	<50	_feet	NMOCE	SITE ASSI	ESSMENT	RANKING	SCORE:	20
Date Started			_ Date Co	mpleted	9/1/2002	OCD /	Vitness	N	0
Soil Excavated	попе	cubic ya	ards Exc	cavation Le	ngth	Width		Depth	fe
Soil Disposed		cubic ya	ards Of	fsite Facility			Location		
INAL ANALY	TICAL 5	ESH T	S. Samul	o Doto			Sample D	n mith	
NAT VINCE	HOALI	(LCOL:	J. Sampi	e Date			Sample D	epth	
Sample	i Benzene		procedures	results comp pursuant to thy! Benzene	_	idelines.	30 1	DRO	Chlorides
Location	mg/kg	1 1	g/kg	mg/kg	mg/kg		/kg	mg/kg	mg/kg
SIDEWALLS									
BOTTOM									
s per agreement ithin the city limit	s of Hobbs	will be close	ed in the foll	owing manne			CATION	DEPTH	mg/kg
remove all pipe				<u> </u>		51	DEWALLS	1	99
. fill vault with sa	ina to the to					— ,		 	
			 				воттом		
	nanway cov	er in place	for security			E			
permanently af	nanway cov fix an identi	er in place fication sigr	for security n to the man		V	E			
	nanway cov fix an identi	er in place fication sigr	for security n to the man		у	E			
permanently af	nanway cov fix an identi	er in place fication sigr	for security n to the man		у				
permanently af	nanway cov fix an identi	er in place fication sigr	for security n to the man		y				
permanently af	nanway cov fix an identi	er in place fication sigr	for security n to the man		у				
permanently af	nanway cov fix an identi	er in place fication sigr	for security n to the man		y	E			
permanently af	nanway cov fix an identi	er in place fication sigr	for security n to the man		у				
. permanently af identifies Ri	nanway cov fix an identi ice Operatin	er in place fication sign g Company	for security n to the man r as the resp	onsible part	E IS TRUE	AND COMF	BOTTOM	THE BEST O	
	nanway covifix an identifice Operation	er in place fication sign g Company	for security n to the man v as the resp EINFORMA	TION ABOV	E IS TRUE	AND COMF	PLETE TO T		
permanently af identifies Ri	nanway covifix an identifice Operation	er in place fication sign g Company	for security n to the man r as the resp E INFORMA KNO	TION ABOV	E IS TRUE AND BELIEF	AND COMF	PLETE TO T		FMY



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX [IMENSIONS -	FEET
Hobbs	E-3	E	3	198	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Grou	ndwater	<50	feet	NMOCE	SITE ASSE	SSMENT F	RANKING S	CORE:	20 `
Date Started			Date Co	mpleted	9/1/2002	OCD V	Vitness	N)
Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fe
Soil Disposed	I	cubic ya	rds Of	fsite Facility		·	Location		
FINAL ANALY	/TICAL F	RESULTS	}: Sampi	e Date			Sample De	epth	
Pi	•	Chloride lab	oratory test	results com	4-point com pleted by usi NMOCD gui	ng an appro			
Sample Location	Benzene	1	1	ihyl Benzene mg/kg	Total Xylene	es GF mg	1.7	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	mg/kg	1 111	g/kg	mg/kg	l lighty	1119	ing i	ingring	mgrkg
BOTTOM	 								· - *** **** /- /-
As per agreement within the city limit							CATION	DEPTH	mg/kg
 remove all pipe 	e fittings that	extend abo	ve 2.5' BG	S			DEWALLS		
2. fill vault with sa						E	OTTOM		
spot-weld the r						<u> </u>	·····		
4. permanently at									
Identifies R	ice Operatin	g Company	as the resp	onsible part	у				
							· · · · · · · · · · · · · · · · · · ·		
									
									
I HEREE	BY CERTIFY	THAT THE			E IS TRUE A		LETE TO T	HE BEST O	FMY
DATE	Decen	nber_4, 2002	2	PR	INTED NAME		D. E.	Anderson	
SIGNATURE									nental
		<u> </u>	/ 			····			



	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX (DIMENSIONS -	FEET
	Hobbs	E-3-1	E	3	198	38E	LEA	Length	Width	Depth
L	AND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
	epth to Grou	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT I	RANKING S	SCORE:	20
	Date Started		. <u> </u>	Date Co	mpleted	9/1/2002	OCD /	Vitness	N	0
S	oil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fee
;	Soil Disposed		cubic ya	rds Of	fsite Facility		· · · · · · · · · · · · · · · · · · ·	Location	1· ·	
FIN	AL ANAL	/TICAL F	RESULTS	Sampl	e Date			Sample De	epth	
	Pı		Chloride lab	oratory test	bottom and results comp pursuant to	pleted by us	ing an appr			
,	Sample	Benzene	- 1		thyi Benzene	Total Xylen	(RO /kg	DRO mg/kg	Chlorides mg/kg
S	Location IDEWALLS	mg/kg	1 111	g/kg [mg/kg	mg/kg	1110	//\d	ing/kg i	тіціля
	воттом	-								
As p	eral Description or agreement n the city limit	with the Cit	y of Hobbs		·			CATION	DEPTH	mg/kg
1. re	emove all pipe	fittings that	t extend abo	ove 2.5' BG	S		Si	DEWALLS		
2. fi	ll vault with sa	and to the to	p of the vau	ilt			E	BOTTOM		
3. s	pot-weld the r	manway cov	er in place f	or security						
4. p	ermanently a	fix an identi	fication sign	to the man	way that					
	identifies R	ice Operatin	g Company	as the resp	onsible part	у .			,	,

	HERE	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	HE BEST O	FMY
DATI		Decen	nber 4, 2002	2	PR	INTED NAME		D. E.	Anderson	
SIGN	ATURE	Sit e	M.Cemo	Z		TITLE	Р	roject Leade	er - Environm	nental
		-								



	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	- FEET
	Hobbs	G-3	G	3	198	38E	LEA	Length	Width	Depth
	LAND TYPE: 8	3LM	STATE	FEE LA	NDOWNER			OTHER	Within City	/ Limits
	Depth to Groui	ndwater	<50	_feet	NMOCE	SITE ASS	ESSMENT	RANKING S	SCORE:	20
	Date Started			Date Co	mpleted	9/1/2002	OCD \	Vitness		10
	Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	feet
	Soil Disposed	·	cubic ya	rds Of	fsite Facility			Location		
;	NIAI ASIAIN	TICAL E	ECH TO	21	- D -4			Carranta Da	41	
– 1	NAL ANALY	MUALF	KESULIS	o: Sampl	e Date			Sample De	epth	
			Chloride lab	oratory test	bottom and results compursuant to	pleted by us	ing an appr			
	Sample	Benzene		•	ihyi Benzene			₹0	DRO	Chlorides
	Location	1 mg/kg	m	g/kg	mg/kg	mg/kg	mg	/kg	mg/kg	mg/kg
	SIDEWALLS BOTTOM		1							-
	eneral Description per agreement			Engineer, a	Il junction bo	xes		CHLOF	RIDE FIELD	TESTS
	thin the city limit					er:		CATION	DEPTH	l mg/kg
	remove all pipe			· · · · · · · · · · · · · · · · · · ·	3			DEWALLS		
	fill vault with sa		·					воттом		
	spot-weld the r									
4.	permanently af				way that onsible part		- -	· · · · · · · · · · · · · · · · · · ·		
	identifies in	- Operatin	- Company	as the resp	onsible part	у		· · · · · · · · · · · · · · · · · · ·		
			 							
			······							
							- -			
	· · · · · · · · · · · · · · · · · · ·								L	
	I HEREE	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	HE BEST (OF MY
D/	ATE	Decen	nber 4. 2002	2	PR	INTED NAME		D. E.	Anderson	
Ç1	CNATURE	(VP)	(Miding			⊤ (⊤) ⊑	P	roject Leade	er - Environ	mental
اد	GNATURE	112	(NONC)						2.17.1011	



	JUNCTION		SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	
Hobbs	H-4	Н	4	198	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Grou	indwater	<50	feet	NMOCE	SITE ASSE	SSMENT F	 RANKING S	SCORE:	20
Date Starte	d		Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavate									
Soil Dispose									
IAL ANAL	rocure 5-poi	nt composite	e sample of	bottom and	4-point com	posite sam	ole of sidew	valls. TPH,	
Sample			procedures		oleted by usi NMOCD gui	delines.	RO I	DRO I	Chlorides
Location	Benzene mg/kg	1	uene E g/kg	mg/kg	mg/kg	mg	4	mg/kg	mg/kg
SIDEWALLS	1	i	ļ						
BOTTOM neral Descript							CHLOF	RIDE FIELD	TESTS
BOTTOM neral Descript per agreemen	t with the Cit	y of Hobbs I					CHLOF	DEPTH	
BOTTOM neral Descript per agreemen nin the city lim remove all pip	t with the Cit its of Hobbs e fittings that	y of Hobbs I will be close extend abo	d in the followe 2.5' BGS	owing manne		SII	CHLOF OCATION DEWALLS	DEPTH	
BOTTOM neral Descript per agreemen nin the city lim remove all pip fill vault with s	t with the Cit its of Hobbs e fittings that and to the to	y of Hobbs I will be close extend abo p of the vau	ed in the followe 2.5' BGS	owing manne		SII	CHLOF	DEPTH	
BOTTOM neral Descript per agreemen nin the city lim remove all pip fill vault with s spot-weld the	t with the Cit its of Hobbs e fittings that and to the to manway cov	y of Hobbs I will be close extend abo p of the vau er in place f	ed in the followe 2.5' BGS It or security	owing manne S		SII	CHLOF OCATION DEWALLS	DEPTH	
neral Descript per agreemen nin the city lim remove all pip fill vault with s spot-weld the permanently a	t with the Citits of Hobbs verifitings that and to the to manway coverifix an identification.	y of Hobbs I will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGS It or security to the man	owing mannes	er:	SII	CHLOF OCATION DEWALLS	DEPTH	
BOTTOM neral Descript per agreemen nin the city lim remove all pip fill vault with s spot-weld the permanently a	t with the Cit its of Hobbs e fittings that and to the to manway cov	y of Hobbs I will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGS It or security to the man	owing mannes	er:	SII	CHLOF OCATION DEWALLS	DEPTH	
BOTTOM neral Descript per agreemen nin the city lim remove all pip fill vault with s spot-weld the permanently a	t with the Citits of Hobbs verifitings that and to the to manway coverifix an identification.	y of Hobbs I will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGS It or security to the man	owing mannes	er:	SII	CHLOF OCATION DEWALLS	DEPTH	
neral Descript per agreemen nin the city lim remove all pip fill vault with s spot-weld the permanently a	t with the Citits of Hobbs verifitings that and to the to manway coverifix an identification.	y of Hobbs I will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGS It or security to the man	owing mannes	er:	SII	CHLOF OCATION DEWALLS	DEPTH	
neral Descript per agreemen hin the city lim remove all pip fill vault with s spot-weld the permanently a	t with the Citits of Hobbs verifitings that and to the to manway coverifix an identification.	y of Hobbs I will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGS It or security to the man	owing mannes	er:	SII	CHLOF OCATION DEWALLS	DEPTH	
neral Descript per agreemen hin the city lim remove all pip fill vault with s spot-weld the permanently a	t with the Citits of Hobbs verifitings that and to the to manway coverifix an identification.	y of Hobbs I will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGS It or security to the man	owing mannes	er:	SII	CHLOF OCATION DEWALLS	DEPTH	
neral Descript per agreemen hin the city lim remove all pip fill vault with s spot-weld the permanently a identifies F	t with the Citits of Hobbs verifitings that and to the to manway coverifix an identification.	y of Hobbs I will be close extend abo p of the vau er in place f fication sign g Company	ove 2.5' BGS It or security to the man as the resp	owing mannes way that consible party	er:	SII E	CHLOF DEATION DEWALLS BOTTOM	DEPTH	mg/kg
neral Descript per agreemen hin the city lim remove all pip fill vault with s spot-weld the permanently a identifies F	t with the Citits of Hobbs ve fittings that and to the to manway coviffix an identifice Operation	y of Hobbs I will be close extend abo p of the vau er in place f fication sign g Company	id in the followe 2.5' BGS It or security to the man as the resp	owing mannes way that consible party TION ABOV DWLEDGE A	E IS TRUE A	AND COMP	CHLOR DEWALLS BOTTOM	DEPTH	mg/kg



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
Hobbs	H-4-1	Н	4	198	38E	LEA	Length	Width	Depth
LAND TYPE: E	BLM	STATE	FEE LA	ANDOWNER			OTHE	R Within City	Limits
Depth to Groun	ndwater	<50	feet	NMOCD	SITE ASSE	ESSMENT	RANKING	SCORE:	20
Date Started		·	Date Co	mpleted	9/1/2002	OCD V	Vitness	<u>N</u>	0
Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fe
Soil Disposed		cubic ya	rds Of	ffsite Facility			Location	l	
INAL ANALY	TICAL F	RESULTS	S: Sampi	le Date			Sample D	epth	
		Chloride lab	oratory test	f bottom and results comp pursuant to	oleted by us	ing an appr			
Sample	Benzene	ŧ		thyl Benzene	Total Xylen		२०	DRO	Chlorides
	t mg/kg	l m	g/kg	mg/kg	mg/kg	i mg	/kg	mg/kg	mg/kg
Location		1	1				1		
SIDEWALLS BOTTOM		lial Action:					CHLO	RIDE FIELD	TESTS
SIDEWALLS BOTTOM General Descriptions s per agreement	on of Remed	y of Hobbs					CHLO	RIDE FIELD	· · · · · · · · · · · · · · · · · · ·
SIDEWALLS BOTTOM seneral Descriptions per agreement within the city limits	on of Remed with the City s of Hobbs v	y of Hobbs will be close	ed in the foll	lowing manne				1	
SIDEWALLS BOTTOM General Descriptions per agreement within the city limits remove all pipe	on of Remed with the Cit s of Hobbs v fittings that	y of Hobbs will be close extend abo	ed in the followe 2.5' BG	lowing manne		SII	CATION	1	
SIDEWALLS BOTTOM seneral Description s per agreement rithin the city limits remove all pipe , fill vault with sa	on of Remed with the City s of Hobbs with the top fittings that and to the top	y of Hobbs will be close extend abo p of the vau	ed in the followe 2.5' BG	lowing manne		SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM seneral Description s per agreement within the city limits remove all pipe fill vault with sa spot-weld the no	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S nway that	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM seneral Description s per agreement within the city limits remove all pipe fill vault with sa spot-weld the no	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM seneral Description s per agreement ithin the city limits remove all pipe fill vault with sa spot-weld the no	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S nway that	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM seneral Description s per agreement within the city limits remove all pipe fill vault with sa spot-weld the no	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S nway that	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM Seneral Description s per agreement within the city limits remove all pipe fill vault with sa spot-weld the no	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S nway that	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM Seneral Description as per agreement within the city limits remove all pipe fill vault with sa spot-weld the na permanently af	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S nway that	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM Seneral Description s per agreement within the city limits remove all pipe fill vault with sa spot-weld the no	with the City of Hobbs of Hobb	y of Hobbs will be close extend abo p of the vau er in place f fication sign	ed in the followe 2.5' BGs lit for security to the man	lowing manne S nway that	er:	SII	OCATION DEWALLS	1	
SIDEWALLS BOTTOM Seneral Descriptions per agreement within the city limits remove all pipe fill vault with said spot-weld the management of the management of the spot-weld the management of the spot-weld spot-weld spot-weld the management of the spot-weld spot-well spot-weld spot-well	with the City s of Hobbs fittings that nd to the to nanway cove fix an identifice Operation	y of Hobbs will be close extend abo p of the vau er in place f fication sign g Company	ed in the followe 2.5' BGS It or security to the man as the resp	lowing manne S nway that	er:	AND COMP	DCATION DEWALLS BOTTOM	DEPTH	mg/kg
SIDEWALLS BOTTOM Seneral Descriptions per agreement within the city limits remove all pipe stands for the control of the cont	on of Remed with the City of Hobbs of fittings that and to the to manway cover fix an identifice Operation	y of Hobbs will be close extend abo p of the vau er in place f fication sign g Company	ed in the followe 2.5' BGs Ilt for security to the man as the resp EINFORMA	lowing mannes S Iway that consible party	er: / / E IS TRUE /	AND COMP	DEWALLS BOTTOM	THE BEST C	mg/kg
SIDEWALLS BOTTOM Seneral Descriptions per agreement within the city limits remove all pipe fill vault with sate spot-weld the nation identifies Right identifies Right HEREB	on of Remed with the City s of Hobbs v fittings that and to the to nanway cover fix an identifice Operation	y of Hobbs will be close extend abo p of the vau er in place f fication sign g Company THAT THE	ed in the followe 2.5' BGs Ilt or security to the man as the resp EINFORMA KNG	way that ponsible party	E IS TRUE AND BELIEF	AND COMP	DCATION DEWALLS BOTTOM BOTTOM	THE BEST C	mg/kg



2000 2721EW	JUNCTION	UNII	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	
Hobbs	Comer H-4	н	4	198	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE_	FEE LA	NDOWNER			OTHE	R Within City	Limits
Depth to Gro	undwater	<50	feet	NMOCD	SITE ASSE	SSMENT F	RANKING	SCORE:	20
Date Starte	d		Date Co	mpleted	9/1/2002	OCD V	Vitness		10
Soil Excavate	d <u>none</u>	cubic y	ards Exc	cavation Le	ngth	Width		Depth	f
Soil Dispose	d	cubic y	ards Of	fsite Facility			Location	1	
INAL ANAL	YTICAL F	RESULT	S: Sampl	e Date		·= ·. · · · · · · · · · · · · · · · · ·	Sample D	epth	
F	rocure 5-poi BTEX and 0		poratory test		pleted by us	ng an appr			
Sample Location	Benzene mg/kg	- 1	oluene E	thyl Benzene mg/kg	Total Xylene mg/kg	1	RO /kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS BOTTOM Seneral Descript	ion of Remed	dial Action:					CHLO	RIDE FIELD	TESTS
BOTTOM General Descript as per agreemer within the city lim remove all pig	it with the Cit its of Hobbs be fittings that	y of Hobbs will be clos t extend ab	ed in the followe 2.5' BGS	owing manne		SII	OCATION DEWALLS	DEPTH	
BOTTOM Seneral Descript s per agreemer within the city lim remove all pig	it with the Cit its of Hobbs be fittings that and to the to	y of Hobbs will be clos t extend ab p of the va	ed in the followe 2.5' BGS	owing manne		SII	CATION	DEPTH	
BOTTOM Seneral Descript s per agreemer within the city lim remove all pip fill vault with s	it with the Cit its of Hobbs be fittings that and to the to manway cov	y of Hobbs will be clos t extend ab p of the va er in place	ed in the followe 2.5' BGS ult for security	owing manne S		SII	OCATION DEWALLS	DEPTH	
BOTTOM Seneral Descript s per agreemer within the city lim remove all pip fill vault with s spot-weld the permanently a	it with the Cit its of Hobbs be fittings that and to the to manway cov	y of Hobbs will be clos t extend ab p of the va er in place fication sig	ed in the followe 2.5' BGS ult for security n to the man	owing manne S way that	er:	SII	OCATION DEWALLS	DEPTH	
BOTTOM Seneral Descript s per agreemer within the city lim remove all pip fill vault with s spot-weld the permanently a	it with the Cit its of Hobbs be fittings that and to the to manway cov affix an identi	y of Hobbs will be clos t extend ab p of the va er in place fication sig	ed in the followe 2.5' BGS ult for security n to the man	owing manne S way that	er:	SII	OCATION DEWALLS	DEPTH	
BOTTOM Seneral Descript s per agreemer ithin the city lim remove all pip fill vault with s spot-weld the	it with the Cit its of Hobbs be fittings that and to the to manway cov affix an identi	y of Hobbs will be clos t extend ab p of the va er in place fication sig	ed in the followe 2.5' BGS ult for security n to the man	owing manne S way that	er:	SII	OCATION DEWALLS	DEPTH	
BOTTOM Seneral Descript s per agreemer within the city lim remove all pip fill vault with s spot-weld the	it with the Cit its of Hobbs be fittings that and to the to manway cov affix an identi	y of Hobbs will be clos t extend ab p of the va er in place fication sig	ed in the followe 2.5' BGS ult for security n to the man	owing manne S way that	er:	SII	OCATION DEWALLS	DEPTH	
BOTTOM Seneral Descript s per agreemer within the city lim remove all pip fill vault with s spot-weld the permanently a	it with the Cit its of Hobbs be fittings that and to the to manway cov affix an identi	y of Hobbs will be clos t extend ab p of the va er in place fication sig	ed in the followe 2.5' BGS ult for security n to the man	owing manne S way that	er:	SII	OCATION DEWALLS	DEPTH	
BOTTOM General Descript As per agreemer within the city lim remove all pip fill vault with s s spot-weld the le permanently a identifies f	it with the Cit its of Hobbs be fittings that and to the to manway cov affix an identi	y of Hobbs will be clos t extend ab p of the va er in place fication sig g Compan	ed in the followe 2.5' BGS ult for security n to the man y as the resp	owing mannes	er:	SII E	DEWALLS BOTTOM	DEPTH	mg/kg
BOTTOM General Descript As per agreemer within the city lim remove all pip fill vault with s s spot-weld the le permanently a identifies f	it with the Cit its of Hobbs be fittings that and to the to manway cov affix an identifice Operation	y of Hobbs will be clos t extend ab p of the va er in place fication sig g Compan	ed in the follove 2.5' BGS ult for security n to the man y as the resp	way that sonsible party	er:	SII E	DCATION DEWALLS BOTTOM	DEPTH	mg/kg



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS -	FEET
Hobbs	O-21-2	0	21	18S	38E	LEA	Length	Width	Depth
LAND TYPE: E	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Grour	ndwater	<50	_feet	NMOCE	SITE ASSI	ESSMENT	RANKING S	SCORE:	20
Date Started			Date Co	mpleted	9/1/2002	OCD \	Witness	NO)
Soil Excavated	none	cubic ya	ards Exc	avation Le	ngth	Width		Depth	fee
Soil Disposed		cubic ya	ards Of	fsite Facility			Location		-
FINAL ANALY	TICAL F	RESULTS	S: Sampi	e Date			Sample De	epth	
	•	Chloride lab	e sample of oratory test procedures	results com	pleted by us	ing an appr	•		
Sample Location	Benzen mg/kg	3	luene E g/kg	thyi Benzene mg/kg	Total Xylen		RO	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	1 mg/kg	1 111	g/kg	myky	i mg/kg	ing	ing i	mg/kg	mgrkg
BOTTOM									
General Description As per agreement within the city limit 1. remove all pipe	with the Cit	y of Hobbs will be close	ed in the follo	owing mann			DCATION DEWALLS	DEPTH	mg/kg
2. fill vault with sa	nd to the to	p of the val	ılt	· · · · · · · · · · · · · · · · · · ·			BOTTOM		
3. spot-weld the n	nanway cov	er in place f	for security						
4. permanently af									
identifies Ri	ce Operatin	ig Company	as the resp	onsible part	y 	'			
+									
		 							
						L			
I HEREB	Y CERTIF)	Y THAT THE		TION ABOV			PLETE TO T	HE BEST OF	= MY
DATE	_Decar	nber 4, 200	2	PR:	INTED NAME		D. E.	Anderson	
SIGNATURE	AC 1.1.	In Alin	77		TITLE	P	roject Leade	er - Environm	iental
	_ 								



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS -	- FEET
Hobbs	M-27-1	М	27	188	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Grou	ndwater	<50	_feet	NMOCD	SITE ASSE	SSMENT I	RANKING S	SCORE:	20
Date Started	1		Date Co	mpleted	9/1/2002	OCD /	Witness	N	0
Soil Excavated									
Soil Disposed									
NAL ANAL`	YTICAL F	RESULT	S: Sampi	e Date			Sample D	epth	
Р	rocure 5-poi BTEX and (oratory test		pleted by us	ng an appr	•		
Sample Location	Benzene ma/kg	1	luene E	thyl Benzene mg/kg	Total Xylend	3	RO /	DRO mg/kg	Chlorides mg/kg
	1		9.1.9		1	- 	·		
BOTTOM BOTTOM eneral Descripti			Engineer	ll junction bo	Yes		CHLO	RIDE FIELD	TESTS
BOTTOM eneral Descripti	t with the Cit	y of Hobbs						T	
BOTTOM eneral Descripti per agreement thin the city limi	t with the Cit	y of Hobbs will be close	ed in the foll	owing manne			CHLOR DCATION DEWALLS	RIDE FIELD	
BOTTOM eneral Descripti per agreement thin the city limi remove all pipe	t with the Cit ts of Hobbs e fittings that	y of Hobbs will be close t extend ab	ed in the followed 2.5' BGS	owing manne		SI	OCATION	T	
BOTTOM eneral Description per agreement thin the city limit remove all pipe fill vault with sa	t with the Cit ts of Hobbs e fittings that and to the to	y of Hobbs will be close t extend ab p of the var	ed in the folloove 2.5' BGS ult	owing manne		SI	OCATION DEWALLS	T	
eneral Description per agreement thin the city limit remove all pipe fill vault with second spot-weld the permanently a	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
eneral Description per agreement hin the city limit remove all pipulit vault with subspot-weld the permanently a	t with the Cit ts of Hobbs e fittings that and to the to manway cov	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
eneral Description per agreement hin the city limit remove all pipulit vault with subspot-weld the permanently a	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
eneral Description per agreement hin the city limit remove all pipulit vault with subspot-weld the permanently a	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
BOTTOM eneral Description per agreement thin the city limit remove all pipure fill vault with subspot-weld the permanently a	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
eneral Description per agreement thin the city limit remove all pipe fill vault with second spot-weld the permanently a	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
BOTTOM eneral Description per agreement thin the city limit remove all pipure fill vault with subspot-weld the permanently a	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the val er in place fication sign	ed in the followe 2.5' BGS ult for security n to the man	owing mannes	er:	SI	OCATION DEWALLS	T	
BOTTOM eneral Description per agreement thin the city limit remove all pipe fill vault with second the permanently a identifies R	t with the Cit ts of Hobbs on e fittings that and to the to manway coverage.	y of Hobbs will be close t extend ab p of the var er in place fication sign g Company	ed in the followe 2.5' BGS ult for security n to the man y as the resp	owing mannes	er: y E IS TRUE /	AND COMF	DCATION DEWALLS BOTTOM	DEPTH	mg/k
BOTTOM eneral Description is per agreement thin the city limit remove all pipe fill vault with so spot-weld the permanently a identifies R	t with the Cit ts of Hobbs e fittings that and to the to manway cov ffix an identifice Operatin	y of Hobbs will be close t extend ab p of the var er in place fication sign g Company	ed in the followe 2.5' BGS ult for security n to the man y as the resp	owing mannes way that consible part	er: y E IS TRUE AND BELIEF	AND COMP	DCATION DEWALLS BOTTOM	DEPTH	mg/k



Hobbs M-27-2 M 27 TBS 38E LEA Largh Width Depts LAND TYPE: BLM STATE FEE LANDOWNER OTHER Within City Limits Depth to Groundwater 450 feet NMCCD SITE ASSESSMENT RANKING SCORE: 20 Date Started Date Completed 9/1/2002 OCD Witness NO Soil Disposed none cubic yards Excavation Length Width Depth fe Soil Disposed Company and Excavation Length Width Depth fe FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sicewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Ethyl Benzene Industry Indust	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	IMENSIONS -	FEET
Dete Started	Habbs	M-27-2	М	27	188	38E	LEA			
Date Started	LAND TYPE:	BLM	STATE	FEE LA	ANDOWNER			OTHER	Within City	Limits
Soil Disposed	Depth to Grou	ndwater	· <50	feet	NMOCE	SITE ASSE	ESSMENT I	RANKING S	CORE:	20
Soil Disposed	Date Started		***************************************	_ Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg mg/	Soil Excavated	none	cubic ya	rds Ex	cavation Le	ngth	Width		Depth	fe
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	Soil Disposed	[cubic ya	rds O	ffsite Facility			Location		
BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	FINAL ANALY	TICAL F	RESULTS	S: Samp	le Date			Sample De	epth	
Location mg/kg mg/	Pī		Chloride lab	oratory test	results com	pleted by us	ing an appr			
SiDEWALLS BOTTOM CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault B. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party 1. HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson	•	1		3			1	- 1	- 1	
General Description of Remedial Action: As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson		i ilig/kg	1 1111	g/kg	mg/kg	i ing/kg	nig	/kg	riig/kg	mg/kg
General Description of Remedial Action: As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: I. remove all pipe fittings that extend above 2.5' BGS I. spot-weld the manway cover in place for security I. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I. HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME CHLORIDE FIELD TESTS AS per agreement with the City of Hobbs Engineer, all junction boxes LOCATION DEPTH mg/kg SIDEWALLS BOTTOM BOTTOM I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DECEMber 4, 2002 PRINTED NAME D. E. Anderson									-	
I. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								
B. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson							—			
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE	2. fill vault with sa	and to the to	p of the vau	it	* * * * * * * * * * * * * * * * * * * *	· · · · · · · · · · · · · · · · · · ·	E	воттом		
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE	3. spot-weld the r	nanway cov	er in place f	or security	 	-				
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE					way that					
KNOWLEDGE AND BELIEF. DATEDecember 4, 2002 PRINTED NAME D. E. Anderson						y				
CATEDecember 4, 2002 PRINTED NAME D. E. Anderson	· · · · · · · · · · · · · · · · · · ·			o t						
CATEDecember 4, 2002 PRINTED NAME D. E. Anderson		' '								
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CATEDecember 4, 2002 PRINTED NAME D. E. Anderson			, , , , , , , , , , , , , , , , , , , 	· · · · · · · · · · · · · · · · · · ·						****
KNOWLEDGE AND BELIEF. DATEDecember 4, 2002 PRINTED NAME D. E. Anderson										
	I HEREE	BY CERTIFY	THAT THE					LETE TO T	HE BEST O	FMY
	DATE	Decen	nber 4, 2002	2	PR	NTED NAME		D. E.	Anderson	
SIGNATURE A CONTRACTOR THE PROJECT LEADER - ENVIRONMENTAL	CONATURE									nontal
	OIGNATURE	A 18 610	MUSCAL)					olent reads	ıı - ⊏nvironm	ielitai



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX I	DIMENSIONS	FEET
Hobbs	H-28	н	28	18S	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Groun	ndwater	<50	_feet	NMOCE	SITE ASSE	ESSMENT F	RANKING S	SCORE:	20
Date Started	l	,	_ Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavated	lnone_	cubic ya	ırds Exc	cavation Le	ngth	Width		Depth	fe
Soil Disposed	l	cubic ya	ırds Of	fsite Facility			Location	· · · · · · · · · · · · · · · · · · ·	
INAL ANALY	YTICAL F	RESULTS	S: Sampi	e Date			Sample De	epth	
					4-point com				
			procedures	pursuant to	NMOCD gui	idelines.		-	
Sample Location	Benzene ma/ka	1	uene E g/kg	ihyi Benzene mg/kg	Total Xylene mg/kg	es GF ma	1.	DRO mg/kg	Chlorides mg/kg
	1		J. 1					J. J	
SIDEWALLS									
BOTTOM	on of Remed	lial Action:		-			CHLOF	RIDE FIELD	TESTS
	s removed u	ipon instruc					CHLOF OCATION DEWALLS	DEPTH	
BOTTOM eneral Description	s removed u	ipon instruc				SIC	CATION	DEPTH	
BOTTOM eneral Description	s removed u	ipon instruc				SIC	OCATION DEWALLS	DEPTH	
BOTTOM eneral Description	s removed u	ipon instruc				SIC	OCATION DEWALLS	DEPTH	mg/kg
BOTTOM eneral Description	s removed u	ipon instruc				SIC	OCATION DEWALLS	DEPTH	mg/kg
BOTTOM eneral Description	s removed u	ipon instruc				SIC	OCATION DEWALLS	DEPTH	mg/kg
BOTTOM eneral Description	s removed u	ipon instruc				SIC	OCATION DEWALLS	DEPTH	mg/kg
BOTTOM eneral Description oncrete vault was be	is removed t	ipon instruc	and line ma	rker installed	1.	SIL	DEWALLS BOTTOM	DEPTH	mg/kg
BOTTOM eneral Description oncrete vault was be	is removed t	ipon instruc	and line ma	TION ABOV		SIL E	DEWALLS BOTTOM	DEPTH	mg/kg
BOTTOM eneral Description oncrete vault was be excavation was be	s removed to ackfilled with	THAT THE	EINFORMA	TION ABOV	E IS TRUE AND BELIEF	SIL E	DEWALLS BOTTOM LETE TO T D. E.	DEPTH HE BEST O	mg/kg

Hobbs P-28-2 P 28 18S 38E LEA Length With Depth Depth Depth STATE FEE LANDOWNER OTHER Within City Limits Depth to Groundwater <50 feet NMCCD SITE ASSESSMENT RANKING SCORE: 20 Date Started Date Completed 9/1/2002 OCD Witness NO Soil Excavated none cubic yards Excavation Length Winth Depth De	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX [DIMENSIONS	- FEET
Depth to Groundwater	Hobbs	P-28-2	Р	28	18S	38E	LEA	Length	Width	Depth
Date Started Date Completed 9/1/2002 OCD Witness NO Soil Excavated none cubic yards Excavation Length Width Depth 5 Soil Disposed cubic yards Offsite Facility Location INAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Depth Procure Sample Depth December 1 Total Sylenes May	LAND TYPE:	BLM	STATE	FEE LA	ANDOWNER			OTHER	Within City	Limits
Soil Excavated none cubic yards Excavation Length Width Depth 1 Soil Disposed	Depth to Grou	ndwater	<50	feet	NMOCD	SITE ASSE	SSMENT F	RANKING S	CORE:	20
Soil Disposedcubic yards Offsite FacilityLocation	Date Started			Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	fee
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg m	Soil Disposed		cubic ya	rds Of	fsite Facility			Location		
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg m	INAL ANAL)	TICAL R	RESULTS	S: Sampl	le Date			Sample De	epth	
Location mg/kg mg/			Chloride lab	oratory test	results comp	oleted by usi	ng an appro			
SIDEWALLS BOTTOM Seneral Description of Remedial Action: Se per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: Tempore all pipe fittings that extend above 2.5' BGS SIDEWALLS SIDEWALLS SIDEWALLS BOTTOM BOTTOM I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson	•						1	1		
eneral Description of Remedial Action: Separagreement with the City of Hobbs Engineer, all junction boxes ithin the city limits of Hobbs will be closed in the following manner: Temove all pipe fittings that extend above 2.5' BGS Sill vault with sand to the top of the vault Separagreemently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ATE December 4, 2002 PRINTED NAME CHLORIDE FIELD TESTS LOCATION DEPTH mg/kg SIDEWALLS BOTTOM BOTTOM BOTTOM DEPTH mg/kg SIDEWALLS BOTTOM NOTICE TO THE BEST OF MY KNOWLEDGE AND BELIEF. D. E. Anderson		mg/kg	mo	g/kg	тд/кд	mg/kg	mg	/kg	тд/кд ј	mg/kg
s per agreement with the City of Hobbs Engineer, all junction boxes ithin the city limits of Hobbs will be closed in the following manner: Temove all pipe fittings that extend above 2.5' BGS If ill vault with sand to the top of the vault Spot-weld the manway cover in place for security permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ATE December 4, 2002 PRINTED NAME D. E. Anderson										
remove all pipe fittings that extend above 2.5' BGS fill vault with sand to the top of the vault spot-weld the manway cover in place for security permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson	s per agreement	with the City	y of Hobbs !						· · · · · · · · · · · · · · · · · · ·	
ifill vault with sand to the top of the vault spot-weld the manway cover in place for security permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ATE December 4, 2002 PRINTED NAME D. E. Anderson						er:			DEPIH	mg/kg
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson										
identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ATE							— 	OTTOM		
identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ATE December 4, 2002 PRINTED NAME D. E. Anderson					way that		- -			
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. ATEDecember 4, 2002 PRINTED NAME D. E. Anderson						,	_			
KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson							_			
KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson										
KNOWLEDGE AND BELIEF. ATEDecember 4, 2002 PRINTED NAME D. E. Anderson							-	·	<u></u>	
KNOWLEDGE AND BELIEF. ATE					.,					
KNOWLEDGE AND BELIEF. ATEDecember 4, 2002 PRINTED NAME D. E. Anderson						,	_			
KNOWLEDGE AND BELIEF. December 4, 2002 PRINTED NAME D. E. Anderson										
	I HEREE	BY CERTIFY	THAT THE					LETE TO T	HE BEST O	FMY
	ATE	Decem	ber 4, 2002	<u> </u>	PRI	NTED NAME_	···	D. E.	Anderson	
	IGNATURE	(Ill	allan.	7						nental



	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
	Hobbs	H-33	Н	33	18S	38E	LEA	Length	Wiath	Depth
	LAND TYPE: I	BLM	STATE	FEE LA	NDOWNER			OTHE	R Within City	Limits
	Depth to Grou	ndwater	<50	feet	NMOCD	SITE ASSI	ESSMENT I	RANKING	SCORE:	20
	Date Started			Date Co	mpleted	9/1/2002	OCD V	Vitness	N	10
	Soil Excavated	none	cubic ya	rds Exc	cavation Ler	ngth	Width		Depth	feet
	Soil Disposed		cubic ya	rds Of	fsite Facility			Location	1	
FI	NAL ANAL	/TICAL F	RESULTS	S: Sampi	e Date			Sample D	epth	· 1
		•	Chloride lab	oratory test	bottom and results comp pursuant to	oleted by us	ing an appr			
	Sample Location	Benzene mg/kg	1	uene E g/kg	thyl Benzene mg/kg	Total Xylen mg/kg	1	RO /kg	DRO mg/kg	Chlorides mg/kg
	SIDEWALLS	1 Hig/kg	1111	4/kg 1	ilig/kg	ing/kg	1 1119	/// ·	mgmg	ing/kg
	BOTTOM	+								
As	eneral Description	with the Cit	y of Hobbs I	· · · · · · · · · · · · · · · · · · ·				····	RIDE FIELD	
_	hin the city limit					er:		CATION	DEPTH	mg/kg
	remove all pipe				5			DEWALLS		
2.	fill vault with sa	and to the to	p of the vau	ilt				BOTTOM	1	
3.	spot-weld the r	nanway cov	er in place f	or security						
4.	permanently at								ļ	
	identifies Ri	ice Operatin	g Company	as the resp	onsible party	/				
										
		· ·	<u> </u>							
	HEREE	BY CERTIFY	THAT THE		TION ABOVI DWLEDGE A			LETE TO	THE BEST C	F MY
DA	ATE.	Decen	nber 4, 2002	2	PRI	NTED NAME		D. E.	Anderson	
C :-	CNATURE	1 /9/	1 de Misson						er - Environn	nental
210	GNATURE	AL AL	ica accarii.					OJCCC LEEGO	or Changill	rona.



SV	VD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX	DIMENSIONS	- FEET
	Hobbs	1-33	l	33	18S	38E	LEA	Length	Width	Depth
LAI	ND TYPE:	BLM	STATE	FEE LA	ANDOWNER			OTHER	Nithin City	Limits
De	pth to Grou	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT I	RANKING S	SCORE:	20
	Date Started			_ Date Co	mpleted	9/1/2002	OCD \	Vitness	N	0
Soi	il Excavated	none	cubic ya	rds Ex	cavation Le	ngth	Width		Depth	feet
S	oil Disposed		cubic ya	ırds Of	ffsite Facility	***********		Location	I	
FINA	L ANAL	/TICAL F	RESULTS	S: Samp	le Date			Sample D	epth	
	Pı		Chloride lab	oratory test	f bottom and results com pursuant to	pleted by us	ing an appr			
	Sample Location	Benzene mg/kg	î .	uene E g/kg	inyi Benzene mg/kg	Total Xylen		RO /kg	DRO mg/kg	Chlorides mg/kg
	EWALLS	1 marks		9/119	···a···a					<u> </u>
	OTTOM	 				İ				
As pe	r agreement		y of Hobbs		III junction bo				RIDE FIELD	
	<u>_</u>				lowing mann	er:		DEWALLS	DEPTH	mg/kg
		e fittings that			<u> </u>			BOTTOM		
	· · · · · · · · · · · · · · · · · · ·	and to the to manway cov					— <u> </u>	SO I TOW	 	
		ffix an identif					— —			
					oonsible part	 у				
				-				Wa		
								V		
	I HERES	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	THE BEST C	FMY
DATE		Decen	nber_4, 200	2	PR	INTED NAME		D. E.	Anderson	
	TURE	1/ t	Madia							nental
J.U.17	· · · · ·	/0.21	a control	// :						



SV	VD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX [IMENSIONS	- FEET
	Hobbs	I-33-1	l	33	188	38E	LEA	Length	Width	Depth
LAN	ID TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Dep	pth to Grou	ndwater	<50	feet	NMOCE	SITE ASSI	ESSMENT I	RANKING S	CORE:	20
D	ate Started			Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil	Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	feet
So	il Disposed		cubic ya	rds Of	fsite Facility			Location		
FINA	I ANAIN	/TICAL F	ESHITS	S Sampl	e Date			Sample De	ınth	
14 7/ 1	T \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	i i i Ozak i	(LCCL)	o. Campi				Cample De		
	Pi	•	Chloride lab	oratory test	bottom and results comp pursuant to	pleted by us	ing an appr			
	Sample	Benzene	e Tot	uene E	ihyi Benzene	Total Xylen	es GF	२०	DRO	Chlorides
	ocation	mg/kg	mo	g/kg	mg/kg	mg/kg	mg	/kg	mg/kg	mg/kg
	EWALLS OTTOM									
	·	on of Remed with the Cit		Engineer, a	Il junction bo	xes		CHLOR	RIDE FIELD	TESTS
					owing mann		LC	CATION	DEPTH	mg/kg
		fittings that					SII	DEWALLS		
2. fill v	ault with sa	and to the to	p of the vau	it				воттом		
3. spo	t-weld the r	nanway cov	er in place f	or security			•			
4. per	manently at	fix an identif	fication sign	to the man	way that					
			 	· · · · · · · · · · · · · · · · · · ·	onsible part	y				
		,							· · · · · · · · · · · · · · · · · · ·	
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	····			•••••	7					
	 			····						
	I HEREE	BY CERTIFY		INFORMA	TION ABOV	E IS TRUE		LETE TO T	HE BEST O	F MY
DATE		Decem	nber 4, 2002	<u>)</u>	PR:	INTED NAME		D. E	Anderson	
										a antal
SIGNAT	TURE		<u>A LAMAC</u>	ans		IIILE	P1	oject Leads	ıı - ⊏iivironm	ientai

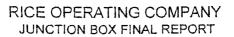


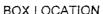
SWD SYSTEM	A JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	вох	DIMENSIONS	- FEET
Hobbs	1-33-2	١	33	18S	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER			OTHE	R Within City	Limits
Depth to Gro	oundwater	<50	feet	NMOCD	SITE ASSE	SSMENT F	RANKING :	SCORE:	20
Date Starte	ed		Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil Excavate	ed none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	feet
Soil Dispose	ed	cubic ya	rds Of	fsite Facility			Location	1	
FINAL ANAL	_YTICAL F	RESULTS	S: Sampl	le Date			Sample D	epth	
	Procure 5-poil BTEX and (Chloride lab	oratory test procedures	results comp pursuant to	pleted by usi NMOCD gui	ng an appro delines.	oved lab ar	nd testing	
Sample Location	Benzene ma/ka		uene E g/kg	ithyl Benzene mg/kg	Total Xylene mg/kg	es GF mg	RO /ka	DRO mg/kg	Chlorides mg/kg
SIDEWALLS		111	9/1/9	inging	1 119/19	19	1	11131113	gr.vg
воттом									
General Descrip As per agreeme			Engineer, a	Il junction bo	xes		CHLO	RIDE FIELD	TESTS
within the city lin	nits of Hobbs	will be close	d in the foll	owing manne	er:		CATION	DEPTH	mg/kg
 remove all pi 	pe fittings that	extend abo	ve 2.5' BG	<u> </u>		SIL	DEWALLS		
2. fill vault with	sand to the to	p of the vau	ilt			E	ОТТОМ		
spot-weld the	e manway cov	er in place f	or security						
4. permanently	affix an identi	fication sign	to the man	way that					
identifies	Rice Operatin	g Company	as the resp	onsible part	у .				
			o#						

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l HERI	EBY CERTIFY	THAT THE		TION ABOV			LETE TO	THE BEST C	FMY
DATE	Decen	nber 4. 2002	2	PRI	INTED NAME		D. E.	Anderson	
SIGNATURE									nental
	,								



SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX (DIMENSIONS	FEET
Hobbs	I-33-3	ı	33	18S	38E	LEA	Length	Width	Depth
LAND TYPE: E	ВLМ	STATE	FEE LA	NDOWNER			OTHER	Within City	Limits
Depth to Groun	ndwater	<50	_feet	NMOCD	SITE ASSI	ESSMENT F	RANKING S	SCORE:	20
Date Started			_ Date Cor	mpleted	9/1/2002	OCD V	Vitness	N-	0
Soil Excavated	none	cubic ya	rds Exc	cavation Le	ngth	Width		Depth	feet
Soil Disposed		cubic ya	rds Of	fsite Facility			Location		
FINAL ANALY	TICAL F	ESULTS	S: Sampl	e Date			Sample De	epth	
		Chloride lab	oratory test	bottom and results comp pursuant to	pleted by us	ing an appro			
Sample Location	Benzene mg/kg	1	uene Ei g/kg	thyl Benzene mg/kg	Total Xylen mg/kg	es GR mg/	2	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	i ing/kg	1 711	9/kg 1	тід/ку	Hig/kg	1 11197	N9 1	myrky	Thg/kg
BOTTOM									
As per agreement	with the City	y of Hobbs						RIDE FIELD	
within the city limit 1. remove all pipe					er:		CATION	DEPTH	mg/kg
2. fill vault with sa				<u></u>			OTTOM		
3. spot-weld the n						— <u> </u>	OTTOWN		
4. permanently af				way that					
				onsible part					
	· · · · · · · · · · · · · · · · · · ·	, ,		<u></u>	138			-	
				-7	 				
					· · · · · · · · · · · · · · · · · · ·				
I HERES	Y CERTIFY	THAT THE		TION ABOV			LETE TO T	HE BEST O	FMY
DATE	Decem	nber. 4., 2002	2	PRI	NTED NAME		D. E.	Anderson	
SIGNATURE									nental





Hobbs P-33 P 33 188 38E LEA Length Width Depth LAND TYPE. BLM STATE FEE LANDOWNER OTHER Within City Limits Depth to Groundwater 50 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 Date Started Date Completed 9/1/2002 OCD Witness NO Soil Excavaried none outbroyards Excavation Length Width Depth fee Soil Disposed Cubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Depth BENTOM BRANCH BROWNER BRO	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX [DIMENSIONS -	FEET
Depth to Groundwater	Hobbs	P-33	Р	33	18S	38E	LEA	Length	Width	Depth
Date Started Date Completed 9/1/2002 OCD Witness NO Soil Excavated none cubic yards Excavation Length Width Depth fee Soil Disposed oubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes Meykg mg/kg	LAND TYPE:	BLM	STATE	FEE L	ANDOWNER			OTHER	Within City	Limits
Soil Disposed	Depth to Groun	ndwater	<50	feet	NMOCD	SITE ASSE	SSMENT F	RANKING S	SCORE:	20
Soil Disposed cubic yards Offsite Facility Location FINAL ANALYTICAL RESULTS: Sample Date Sample Depth Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg siDEWALLS BOTTOM Seneral Description of Remedial Action: CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: Increase and the top of the vault shand to the top of the vault shand to the top of the vault shand to the top of the walt identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE Queember 4, 2002 PRINTED NAME D. E. Anderson	Date Started			Date C	ompleted	9/1/2002	OCD W	Vitness	N	<u> </u>
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Touerie Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg SIDEWALLS BOTTOM General Description of Remedial Action: CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 2. fill valut with sand to the top of the vault BOTTOM 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 4. 2002 PRINTED NAME D. E. Anderson	Soil Excavated	none	cubic ya	rds E	xcavation Le	ngth	Width		Depth	fee
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg Mg/	Soil Disposed		cubic ya	rds C	Offsite Facility			Location		
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes GRO DRO Chlorides mg/kg Mg/	FINAL ANALY	TICAL R	ESULTS	S: Samı	ole Date			Sample De	epth	
Location mg/kg mg/		,	hloride lab	oratory tes	it results com	oleted by us NMOCD gu	ng an appro idelines.			
SIDEWALLS BOTTOM General Description of Remedial Action: CHLORIDE FIELD TESTS As per agreement with the City of Hobbs Engineer, all junction boxes within the city limits of Hobbs will be closed in the following manner: 1. remove all pipe fittings that extend above 2.5' BGS 2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4. 2002 PRINTED NAME D. E. Anderson		1	1					1	1	
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2. fill vault with sand to the top of the vault 3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson						er.			DEPTH	mg/kg
3. spot-weld the manway cover in place for security 4. permanently affix an identification sign to the manway that identifies Rice Operating Company as the responsible party I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson					3S					
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I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson	spot-weld the r	nanway cove	er in place f	or security				- · · · ·		
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATE December 4, 2002 PRINTED NAME D. E. Anderson										
CATE December 4, 2002 PRINTED NAME D. E. Anderson	identifies R	ice Operating	Company	as the res	ponsible party					
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CATE December 4, 2002 PRINTED NAME D. E. Anderson					<u> </u>	·				
	I HEREE	BY CERTIFY	THAT THE					LETE TO T	THE BEST O	F MY
SIGNATURE TITLE Project Leader - Environmental	DATE	Decem	ber 4, 2002	2	PRI	NTED NAME		D. E.	Anderson	
	SIGNATURE	SH 12	ndla	2		TITLE	Pr	oject Leade	er - Environm	iental



SWD SYSTEM	JUNCTION	UNIT	SECTIO		IP RANGE	COUNTY	BOX	DIMENSIONS	FEET
Hobbs	D-34	D	34	185	38E	LEA	Length	Width	Depth
LAND TYPE:	BLM	STATE	FEE	LANDOWNE	R		OTHER	Within City	Limits
Depth to Grou	ındwater	<50	_feet	NMO	CD SITE ASSI	ESSMENT	RANKING S	CORE:	20
Date Starter	<u></u> t	*	_ Date (Completed_	9/1/2002	OCD \	Vitness	N	10
Soil Excavated	d none	cubic ya	ards E	Excavation	Length	Width		Depth	feet
Soil Dispose	d	cubic ya	ards	Offsite Facil	ity		Location		
FINAL ANAL	YTICAL F	ESH T	S. Sam	inie Date			Sample De	anth	
U 41 7 1 1 41 7 1	11101121		J. Can	ibio para _	······································	,	· Campic Bo	· • · · · · · · · · · · · · · · · · · ·	
ſ	•		oratory te	st results co	nd 4-point com empleted by us to NMOCD gu	ing an appr			
Sample	Benzene mg//sg	1	luene	Ethyl Benzen	1	1	RO	DRO ma/ka	Chlorides mg/kg
Location SIDEWALLS	mg/kg		ig/kg	mg/kg	mg/kg	I	ı/kg	mg/kg	i nig/kg
BOTTOM		-							
As per agreemen	its of Hobbs	will be close	ed in the f	ollowing mai			OCATION	DEPTH	
remove all pip fluorithmith				<u> </u>			DEWALLS		
2. fill vault with s							BOTTOM		
3. spot-weld the				· · · · · · · · · · · · · · · · · · ·	·				
 permanently a identifies F 	Rice Operatin				arty				
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I HERE	BY CERTIFY	THAT THE			OVE IS TRUE. E AND BELIEF		LETE TO T	HE BEST C)F MY
DATE	Decem	aher 4 200			PRINTED NAME		n F	Anderson	
	1 1/2/21	1 d = m							
SIGNATURE	<u> </u>	ACTO L			TITLE	P	roject Leade	ir - Environn	nental



SWD:	SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX (DIMENSIONS -	FEET
H	obbs	0-34	0	34	18S	38E	LEA	Length	Width	Depth
LAND	TYPE: 1	3LM	STATE	FEE LA	ANDOWNER			OTHER	Within City	Limits
Depth	to Groui	ndwater	<50	_feet	NMOCE	SITE ASSE	SSMENT I	RANKING S	SCORE:	20
Date	e Started			_ Date Co	mpleted	9/1/2002	OCD V	Vitness	N	0
Soil E	xcavated	none	cubic ya	ırds Ex	cavation Le	ngth	Width	···	Depth	fee
Soil [Disposed		cubic ya	irds Of	ffsite Facility			Location		
FINAL					ie Date					
		BTEX and (Chloride lab	-	results comp pursuant to	•		oved lab an	id testing	
Sam Loca		Benzene mg/kg		uene E g/kg	ihyi Benzene mg/kg	Total Xylene mg/kg	s GF mg		DRO mg/kg	Chlorides mg/kg
SIDEV	VALLS TOM	1		9.09						
within the	city limit	s of Hobbs	will be close	ed in the foll	Il junction bo lowing manne			CATION	DEPTH	mg/kg
		fittings that			S			DEWALLS		
		and to the to	`				E	BOTTOM		
		nanway cov					_			
		fix an identi ce Operatin			onsible part	·	<u> </u>			
	-		3	-	1	,	<u>-</u>			
							_			
	I HEREE	BY CERTIFY	THAT THE		TION ABOV			LETE TO T	THE BEST O	F MY
DATE _		Desen	nber.4, 2002	2	PRI	INTED NAME_		D. E.	Anderson	
DATE _		/ /							Anderson er - Environm	nental

From:

Price, Wayne

Sent:

Thursday, May 12, 2005 8:15 AM Kristin Farris Pope (E-mail)

To:

Subject:

Hobbs abandonment

The OCD had originally placed this system under OCD 1R0414. It is now 1R0428.

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487

fax:

505-476-3462

E-mail: WPRICE@state.nm.us

From:

Price, Wayne

Sent:

Thursday, May 12, 2005 1:02 PM

To:

Kristin Farris Pope (E-mail); Carolyn Doran Haynes (E-mail)

Subject:

Hobbs System Status

OCD has 37 sites listed as potential for groundwater impact, but are not yet at a work-status to report as a disclosure. We have logged another 40 as final reports that were submitted. The following sites were noted in your 2002 report and we have no record of.

B-3,D-34,E-3-1,E-3,G-3,H-4-1, H-4, I-33,I-33-1,I-33-2,I-33-3,M-27-1,M27-2,O-21-2,O-34,P-28-2,P-33. What is the status of these sites?

Why did you list the 37 as potential groundwater impact without a disclosure report?

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487

fax: 505-476-3462

E-mail: WPRICE@state.nm.us

RICE Operating Company

Cumulative Junction Box Disclosures: Potential Groundwater Impact

These junction box sites have become "disclosure" rather than "closure" sites because significant TPH or salt impact has deemed the site remediation to be outside the scope of the Rice Operating Company Generic Junction Box Plan. Each of these sites has the potential for groundwater impact, based on delineaton results. As noted, some of the sites are confirmed to have groundwater impact and have been officially reported to the NMOCD and are being monitored for groundwater quality. These sites are being evaluated for risk-based corrective action and plans will be submitted to the NMOCD.

	GWD	Linit		Foot to	Monitor				
Location		Letter	Legal Description	MS SMS	Well	Landowner	Comments	Date Disclosed	Status
Jct. N-5	EME	z	Sec 5, T20S, R37E	34	Yes	BLM	Notified of GW impact	1/18/2002	Low
Jct. M-16-1	EME	M	Sec 16, T20S, R37E	20	Yes	WN	Notified of GW impact	1/18/2002	Low
Jct. K-33-1	EME	K	Sec 33, T19S, R37E	37	Yes	Sarah Phillips	Notified of GW impact	1/18/2002	Medium
Jct. A-20	EME	Н	Sec 20, T20S, R37E	25	Yes	WN	Notified of GW impact	1/29/2002	Medium
Jct. K-6	EME		Sec 6, T20S, R37E	37	Yes	BLM	Notified of GW impact	2/4/2002	Low
Jct. H-20	EME	Н	Sec 20, T20S, R37E	<50		State		4/15/2002	Low
Jct. D-3	EME	D	Sec 3, T20S, R37E	<50		Jimmie T. Cooper		5/17/2002	Low
I-1 SWD	EME	\dashv	Sec. 1, T20S, R36E	32		NM	Redwood tank/pit remediation	1/24/2003	ACTIVE
Jct. O-24	EME		_	35 or 100		Dale Cooper	Aquifer fault line	1/31/2003	Low
Jct. D-25	EME	\dashv	Sec 25, T20S, R36E	89		Dale Cooper		1/31/2003	Low
Jct. O-33	EME		Sec 33, T19S, R37E	<50		Joe Ray Williams		1/31/2003	Medium
Marathon Barber EOL	EME	ш	Sec 5, T20S, R37E	40	Yes	James Barber Est.	Notified of GW impact	1/31/2003	Low
P-13 EOL	EME	\dashv	Sec 13, T19S, R36E	51		El Paso Nat. Gas		1/31/2003	Medium
ct. H-10	EME	Н	Sec 10, T20S, R36E	31		G. & H. Klein	Cl- impacted to >= 16'; clay liner	2/24/2003	Low
jct. J-10	EME	_	Sec 10, T20S, R36E	31		G. & H. Klein	Cl- impacted to >= 17'; poly liner	2/24/2003	Low
jct. G-11	EME	\dashv	Sec 11, T20S, R36E	31		F., G., & H. Klein	TPH & cl- impact to >= 18; will install poly liner	2/24/2003	Medium
Jct. K-35	EME		Sec 35, T20S, R36E	122		Tuffy Cooper		3/4/2003	Low
GM State EOL	EME	Ξ	Sec 2, T21S, R35E	53		Merchant Cattle Co.	cl- impact => 12' bgs	4/1/2003	Operator Responsible
jct. O-19	EME	7	Sec 19, T20S, R37E	23		NM	cl- impact => 12' bgs	4/1/2003	High
C-2 boot	EME	၁	Sec 2, T20S, R36E	20		NM	Cl- impact did not sufficiently decline	6/27/2003	CLOSED after further evaluation
L-6 boot	EME	긔	Sec 6, T20S, R37E	35		Chevron Texaco	TPH & Cl- impact >= 12 ft	7/16/2003	High
P-27 EOL	EME	7	Sec. 27, T20S, R36E	107		NN	Cl- impact > 12 ft	7/23/2003	Low
jct. G-19	EME	7	Sec. 19, T19S, R37E	28		Jimmy T. Cooper	TPH impact did not sufficiently decline	7/31/2003	Low
M-35-2 Boot	EME		Sec. 35, T19S, R36E	70		DLD Сотр.	Cl- impact >= 12 ft	7/31/2003	Medium
jct. E-35	EME	ш	Sec. 35, T20S, R36E	122		Tuffy Cooper	Cl- impact >= 12 ft	8/14/2003	CLOSED after further evaluation
jct. L-34	EME	7	Sec. 34, T20S, R36E	122		Tuffy Cooper	Cl- impact >= 12 ft	8/14/2003	Low
ct. L-20	EWE	1	Sec. 20, T20S, R37E	23		MN	TPH impact > 12 ft	8/26/2003	Status Pending
Sarah Phillips EUL	EME	1	Sec. 33, T19S, R37E	33		Sarah Phillips	Cl- impact > 14 ft	11/6/2003	Tow
Oil & Gas Oper. St. 'H' EOL	EME	Э .	Sec. 17, T20S, R37E	27		WN	Cl- impact > 14 ft	11/7/2003	High
A' 20 EUL	EME	1	Sec. 20, 120S, K3/E	77		ΣX	TPH impact > 14 ft	12/3/2003	Producer Will Remediate
Jct. N-11	EME	寸	Sec. 11, T21S, R36E	200		ΣN	Cl- impact >80 ft	1/9/2004	Low
jct. C-33	EME	+	Sec. 33, T20S, R36E	170		Dale Cooper	Cl- impact >75 ft	1/14/2004	Low
Phillips 'A' EOL	EME	\dagger	Sec. 31, T19S, R37E	23		Charlcie Byrd	Cl- impact did not sufficiently decline	3/19/2004	CLOSED after further evaluation
jet. B-7	EME	m l	Sec. 7, T20S, R37E	36		Jimmie T. Cooper	Cl- impact > 14 ft	4/7/2004	High
Jct. E-2	EME	1	Sec. 2, T20S, R37E	21		ΣX	TPH guidelines not met; inside ROC pump station	8/13/2004	Low
Britt EOL	EME	7	Sec. 18, T20S, R37E	30		Jimmie T. Cooper	TPH guidelines not met	8/27/2004	Producer Will Remediate
JR Phillips boot EOL	EME	\top	Sec. 6, T20S, R37E	35		Charlcie Byrd		9/6/2004	High
jct. G-18	EME	0	Sec. 18, T20S, R37E	52		MM	TPH guidelines not met	9/15/2004	Low
jct. J-1	EME	7	Sec. 1, T20S, R36E	9		NM	Cl- impact did not sufficiently decline	10/15/2004	High
jct. F-18	EME	٦ 3	Sec. 18, T20S, R37E	30		Jimmie T. Cooper	Cl- impact did not sufficiently decline	10/19/2004	High

Location	SWD System	Unit Letter	Legal Description	Feet to GW	Monitor	Landowner	Comments	Date Disclosed	Status
jct. N-18	EME	z	Sec. 18, T20S, R37E	35		Jimmie T. Cooper	CI- impact did not sufficiently decline	10/20/2004	High
K-9 vent	EME	ᅩ	Sec. 9, T20S, R37E	18		S & W Cattle Co.		10/29/2004	High
Gaither boot	EME	-	Sec. 34, T19S, R36E	50.73		G. P. Sims		11/8/2004	High
jet. I-13	EME	_	Sec. 13, T20S, R36E	35		NM	Cl- impact > 12 ft	11/24/2004	High
N-18 boot	EME	z	Sec. 18, T20S, R37E	35		Jimmie T. Cooper	Cl- impact	12/6/2004	High
SEMU EOL	EME	_	Sec. 15, T20S, R37E	78		S & W Cattle Co.	Cl- & TPH impact	12/29/2004	Medium
jct. D-1 leak	EME	Ω	Sec. 1, T20S, R36E	31	yes	NM	Notified of GW impact	1/5/2005	ACTIVE
jct. N-4-1	EME	z	Sec. 4, T20S, R37E	31		Elsie Reeves	sample stock well bi-annually	1/19/2005	ACTIVE
L-15-1 vent	EME	Γ	Sec. 15, T20S, R37E	17		S & W Cattle Co.	Cl- & TPH impact	2/2/2005	High
Amerada JR Phillips EOL	EME	Н	Sec. 1, T20S, R36E	40		Charlcie Byrd	TPH impact	4/29/2005	High
Conoco A-17 EOL	EME	Σ	Sec. 17, T19S, R37E	59		NM	ТРН impact	5/4/2005	High
Zachary Hinton EOL	BD	0	Sec 12, T22S, R37E	56	Yes	I eo V. Sims	Notified of GW impact	2002/2/2	ACTIVE - CAP submitted to OCD
Jct. J-26	BD	-		45	Yes	Delrose Scott	Excavated, remediated, Notified of GW inmact	12/13/2002	ACTIVE
Jct. F-17	BD	ı	Sec 17, T21S, R37E	75	Yes	Millard Deck Est.	Notified of GW impact	12/13/2002	Medium
Jct. I-27	BD	I	Sec 27, T21S, R37E	45		City of Eunice	Notified of GW impact	12/13/2002	High
Jct. N-29	BD	z	Sec 29, T21S, R37E	06		Tom Kennann	Notified of GW impact	1/9/2003	Workplan approved by OCD; landowner issues
Jct. H-3-1	BD	Ŧ	Sec 3, T22S, R37E	27		Varsada Gas Pr.IIc		1/31/2003	Tow
Jct. H-3	BD	프	Sec 3, T22S, R37E	27		Varsada Gas Pr.IIc		1/31/2003	Tow
Jct. G-3	BD	S	Sec 3, T22S, R37E	45		Varsada Gas Pr.Ilc		1/31/2003	Low
G-16 EOL	BD	S	Sec 16, T22S, R37E	82		NM		1/31/2003	мо́Т
G-16 Vent	BD	g	Sec 16, T22S, R37E	82		NM		1/31/2003	Medium
Jct. B-16	BD	В	Sec 16, T22S, R37E	82		NM		1/31/2003	Medium
jct. 0-17-1	B	0	Sec 17, T21S, R37E	72		Millard Deck Estate	TPH impact >= 12' bgs	3/17/2003	High
jct. M-26-1	BD	Σ	Sec 26, T21S, R37E	40		Delrose Scott	TPH impact >= 12' bgs	3/17/2003	Medium
jct. F-29	GB 2	ا بتا	Sec 29, T21S, R37E	98		Millard Deck Estate	Cl- impact >= 14' bgs	3/26/2003	Medium
Jct. F-29-1	GS	٠,	Sec 29, T21S, R37E	98		Millard Deck Estate	Cl- impact $\geq 14'$ bgs	3/26/2003	Low
jct. I-8	G C	- -	Sec 8, T22S, R37E	71		Lucy Flowers	cl- impact => 16' bgs	4/1/2003	Medium
Mattern 5 EUL	GS C	-	Sec 18, 121S, R37E	72		Nymeyer Property	TPH & CI- impact >= 12 ft	4/16/2003	Medium
Grizzel EOL	G (2	5	Sec 8, T22S, R37E	75		Lucy Flowers	cl- impact >= 12' bgs	4/22/2003	Medium
Jct. F-3	RU	<u>با</u> (Sec 3, T22S, R37E	93		Bill Stevens	cl- impact >= 13' bgs	4/22/2003	Low
Cl. E-3		יו	Sec 3, 1225, K3/E	25		Bill Stevens	Bor	4/22/2003	Low
ict M-14		۲ ≥	Sec 4, 1225, K3/E Sec 14 T21S B37E	26		Priscilla West (Brunson Moody)	cl- impact >= 12' bgs	4/30/2003	Medium
Hardy EOL	BB	<u> </u>	Sec 20, T21S, R37F	66		Millard Deck	TPH & Cl. impact > 12 bgs	5/0/2003	ACTIVE - Plan Submitted to OCD
jct. K-27 North	BD	×	Sec 27, T21S, R37E	45		James Gardener	TPH & cl' impact >= 12' bgs	6/2/2003	ACTIVE - Plan submitted to OCD
jct. K-27-1	BD	К	Sec 27, T21S, R37E	45		James Gardener	Cl- impact >= 12' bgs	6/10/2003	ACTIVE - Plan submitted to OCD
H-19 vent	BD	Ξ	Sec 19, T21S, R37E	66		Joe Robin Sims	Cl- impact >= 12 ft	7/16/2003	High
K-20-1 Vent	BD	7	Sec 20, T21S, R37E	8		Millard Deck Estate	vertical & lateral cl- impact	7/28/2003	CLOSED after further evaluation
jet. K-20-2	@	7	Sec 20, T21S, R37E	66		Millard Deck Estate	vertical & lateral cl- impact	7/28/2003	Low
Lee EOL	GG	د	Sec 23, T21S, R37E	68		Millard Deck Estate	Cl- did not sufficiently decline with depth	7/31/2003	wo.l
0-23-1 vent	BD		Sec 23, T21S, R37E	65		Delrose Scott	Cl- > 12 ft BGS	5/12/2004	Medium
O-23 vent		0	Sec 23, T21S, R37E	65		Delrose Scott	Cl->12 ft BGS	5/26/2004	Medium
H-14 Boot	BD		Sec 14, T22S, R37E	65		Leo V. Sims	cluster of 3 boxes; Cl- > 12 ft BGS	7/16/2004	High
Jct. H-14-1	OS C	Ξ :	Sec 14, 122S, R37E	3		Leo V. Sims		7/19/2004	High
Jct. H-14-2	2 2	= 2	Sec 14, 122S, R3/E	3		Leo V. Sims		7/19/2004	High
Jct. N-16 A		z	Sec 16, 1215, K3/E	S		ΣZ.	Cl- inconclusive to 55 ft BGS	8/4/2004	Low
Jct. P-20-2		١	Sec 20, 1213, R3/E	5		Delrose Scott		8/25/2004	Medium
JCI. C-4-3	77	7	360 4, 1223, NJ/12	3		Priscilla West (Brunson Moody)	I PH guidelines not met	9/15/2004	High

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jet. B–25 BD B Sec 25, T21S, R37E 37 Patricia House Huse P-26-I vent BD P Sec 26, T21S, R37E 40 Delrose Scott chloride impact 11/16/2004 Hill H-35 pit BD F Sec 26, T21S, R37E 37 Mark Ower Estate chloride impact 3/9/2005 Hill jct. F-25-1 BD F Sec 25, T21S, R37E 39 Mark Ower Estate chloride impact 4/15/2005 Hill jct. F-25-2 BD F Sec 26, T24S, R37E 89 Rebecca Doom CI- & TPH impact 4/15/2005 LL jct. L-26 Justis L Sec 26, T24S, R37E 89 Rebecca Doom CI- impact did not sufficiently decline 7/1/2003 Mcc jct. L-1 Justis L Sec 1, T25S, R37E 75 yes Joyce Willis CI- impact did not sufficiently decline 3/19/2004 ACT jct. L-1 Justis D Sec 1, T25S, R37E 75 yes Joyce Willis CI- & TPH impact 3/19/2004	Location	SWD Unit	Unit	Legal Description	Feet to GW	Feet to Monitor GW Well	Landowner	Comments	Date Disclosed	Status
BD P Sec 26, T21S, R37E 40 Delrose Scott Chlore Sims chloride impact 11/16/2004 BD F Sec 25, T21S, R37E 42 Chlore Sims chloride impact 12/3/2004 BD F Sec 25, T21S, R37E 37 Mark Owen Estate chloride impact 4/15/2005 BD F Sec 20, T21S, R37E 99 Millard Deck Estate chloride impact 4/15/2005 Justis E Sec 20, T24S, R37E 89 Rebecca Doom Cl- & TPH impact 6/30/2003 Justis L Sec 1, T25S, R37E 75 Joyce Willis Cl- impact did not sufficiently decline 7/1/2003 Justis D Sec 1, T25S, R37E 75 Joyce Willis Cl- impact did not sufficiently decline 1/24/2005 Justis D Sec 1, T25S, R37E 75 Joyce Willis Cl- & TPH impact 1/1/2005 Vacuum F Sec 1, T25S, R37E 75 Joyce Willis Cl- & TPH impact 1/1/2005 Vacuum G Sec 1, T25S, R37E 55 </td <td>jct. B-25</td> <td>BD</td> <td>m</td> <td>Sec 25, T21S, R37E</td> <td>37</td> <td></td> <td>Patricia House</td> <td></td> <td>11/4/2004</td> <td>High</td>	jct. B-25	BD	m	Sec 25, T21S, R37E	37		Patricia House		11/4/2004	High
BD H Sec 35, T228, R37E 42 Chloe Sims chloride impact 12/3/2004 BD F Sec 25, T218, R37E 38 Mark Owen Estate chloride impact 3/9/2005 BD F Sec 20, T218, R37E 39 Millard Deck Estate chloride impact 4/15/2005 Justis E Sec 20, T248, R37E 89 Rebecca Doom Cl. & TPH impact 4/12003 Justis L Sec 1, T258, R37E 75 yes Joyce Willis Cl. impact did not sufficiently decline 3/19/2004 Justis E Sec 1, T258, R37E 75 Joyce Willis Cl. impact did not sufficiently decline 3/19/2004 Justis D Sec 1, T258, R37E 75 Joyce Willis Cl. impact did not sufficiently decline 3/19/2004 Justis D Sec 1, T258, R37E 75 Joyce Willis Cl. impact did not sufficiently decline 1/1/2005 Justis D Sec 1, T258, R37E 75 Joyce Willis Cl. & TPH impact 1/1/2006 Vacuum G Se	P-26-1 vent	BD	4	Sec 26, T21S, R37E	40		Delrose Scott		11/16/2004	High
BD F Sec 25, T21S, R37E 38 Mark Owen Estate chloride impact 3/9/2005 BD F Sec 25, T21S, R37E 37 Mark Owen Estate chloride impact 4/15/2005 BD E Sec 20, T21S, R37E 99 Millard Deck Estate chloride impact 4/15/2005 Justis E Sec 20, T24S, R37E 89 Rebecca Doom Cl- & TPH impact 6/30/2003 Justis L Sec 26, T24S, R37E 89 Rebecca Doom Cl- impact did not sufficiently decline 7/1/2003 Justis L Sec 1, T25S, R37E 75 Joyce Willis Cl- impact did not sufficiently decline 1/24/2005 Justis D Sec 1, T25S, R37E 75 Joyce Willis Cl- & TPH impact 1/1/2003 Vacuum F Sec 1, T25S, R37E 184 George Willis Cl- & TPH impact 1/1/2005 Vacuum G Sec 1, T25S, R37E 184 George Willis Cl- & TPH impact 1/1/2005 Vacuum G Sec 35, T17S, R35E 50 ye	H-35 pit	BD	H	Sec 35, T22S, R37E	42		Chloe Sims	chloride impact	12/3/2004	ACTIVE
BD F Sec 25, T21S, R37E 37 Mark Owen Estate chloride impact 4/15/2005 BD E Sec 20, T21S, R37E 99 Millard Deck Estate chloride impact 4/15/2005 Justis E Sec 26, T24S, R37E 89 Rebecca Doom Cl- & TPH impact 6/30/2003 Justis L Sec 1, T25S, R37E 75 yes Joyce Willis Cl- impact did not sufficiently decline 7/1/2003 Justis E Sec 1, T25S, R37E 75 Joyce Willis Cl- impact did not sufficiently decline 3/19/2004 Justis D Sec 1, T25S, R37E 75 Joyce Willis Cl- impact did not sufficiently decline 3/19/2004 Vacuum F Sec 1, T25S, R37E 75 Joyce Willis Cl- & TPH impact 1/24/2005 Vacuum F Sec 1, T25S, R37E 184 George Willis Cl- & TPH impact 1/12/2005 Vacuum F Sec 35, T17S, R35E 55 yes NM cl- impact 1/18/2002 Vacuum K Sec 35,	jct. F-25-1	BD	ഥ	Sec 25, T21S, R37E	38		Mark Owen Estate	chloride impact	3/9/2005	High
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Justis L Sec 26, T245, R37E 89 Rebecca Doom Cl- impact did not sufficiently decline 7/1/2003 Justis L Sec 1, T25S, R37E 75 yes Joyce Willis Cl- impact did not sufficiently decline 3/19/2004 Justis D Sec 1, T25S, R37E 75 Joyce Willis Cl- & TPH impact 1/24/2005 Justis D Sec 1, T25S, R37E 184 George Willis Cl- & TPH impact 5/11/2005 Vacuum F Sec 35, T17S, R35E 55 yes NM 1/18/2002 Vacuum G Sec 35, T17S, R35E 50 yes NM cl- impact 1/18/2002 Vacuum K Sec 35, T17S, R35E 54 NM cl- impact 1/1/29/2004 Vacuum K Sec 35, T17S, R35E 52 NM cl- impact 1/1/29/2004	jct. E-26	Justis	В	Sec 26, T24S, R37E	68		Rebecca Doom	Cl- & TPH impact	6/30/2003	Medium
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Justis D Sec 1, T25S, R37E 75 Joyce Willis CI- & TPH impact 1/24/2005 Justis D Sec 1, T25S, R37E 184 George Willis CI- & TPH impact 5/11/2005 Vacuum F Sec 35, T17S, R35E 55 yes NM 1/18/2002 Vacuum G Sec 35, T17S, R35E 54 NM cl- impact 11/29/2004 Vacuum E Sec 35, T17S, R35E 52 NM cl- impact 11/29/2004	jct. E-1	Justis	Ξ	Sec 1, T25S, R37E	75		Joyce Willis	Cl- impact did not sufficiently decline	3/19/2004	Medium
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Vacuum F Sec 35, T17S, R35E 55 yes NM 1/18/2002 Vacuum G Sec 35, T17S, R35E 50 yes NM 1/18/2002 Vacuum K Sec 35, T17S, R35E 54 NM cl- impact 11/29/2004 Vacuum E Sec 35, T17S, R35E 52 NM 11/29/2004	D-1 vent	Justis	D	Sec 1, T25S, R37E	184		George Willis	Cl- & TPH impact	5/11/2005	Low
Vacuum F Sec 35, T17S, R35E 55 yes NM 1/18/2002 Vacuum G Sec 35, T17S, R35E 50 yes NM 1/18/2002 Vacuum K Sec 35, T17S, R35E 54 NM cl- impact 11/29/2004 Vacuum E Sec 35, T17S, R35E 52 NM 11/29/2004										
Vacuum G Sec 35, T175, R35E 50 yes NM I/18/2002 1/18/2002 Vacuum K Sec 35, T175, R35E 54 NM cl- impact 11/29/2004 Vacuum E Sec 35, T175, R35E 52 NM 11/29/2004	F-35 SWD	Vacuum		Sec 35, T17S, R35E	55	yes	NM		1/18/2002	ACTIVE
Vacuum K Sec 35, T17S, R35E 54 NM cl- impact Vacuum E Sec 35, T17S, R35E 52 NM	G-35 SWD	Vacuum			50	yes	NM		1/18/2002	ACTIVE - Plan submitted to OCD
Vacuum	K-35-1 boot	Vacuum		Sec 35, T17S, R35E	54		NN	cl- impact	11/29/2004	
	jct. E-2	Vacuum		Sec 35, T17S, R35E	52		NM		11/29/2004	

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	Status					ACTIVE - Plan submitted to OCD													ACTIVE - Plan submitted to OCD																	
	Date Disclosed	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/31/2003	1/21/2003
	Comments	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Initial evaluation only	Primary Delineation only	Primary Delineation only; 2 MWs (dual completion)	Primary Delineation only	Primary Delineation only; GW < WQCC standards	Primary Delineation only	Historical Line Leak	Primary Delineation only	Primary Delineation only	Primary Delineation only	Primary Delineation only	Primary Delineation only	Driman, Delineation only,									
	Landowner	NM	NM	Samuel Bruton	Oxy Permian	Oxy Permian	Oxy Permian	Oxy Permian	Oxy Permian	Oxy Permian	Oxy Permian	James Hanson	V. R. Jones	V. R. Jones	Oxy Permian	MN	NM	NM	Kress Jones	NM	Oxy Permian	Oxy Permian	Oxy Permian	James Hanson etux	NM	Oxy Permian	Oxy Permian	NM	NM	Dee Cochran	Sage & Cottrell	NM	Charles Seed Trst	MN	NM	MIN
	Monitor																				yes		yes													_
	Feet to GW	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	57	<50	65	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	\ \ \
	Legal Description	Sec 24, T18S, R37E	Sec 25, T18S, R37E	Sec 20, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 30, T18S, R38E	Sec 31, T18S, R38E		Sec 32, T18S, R38E	Sec 33, T18S, R38E	Sec 6, T19S, R38E	Sec 25, T18S, R37E	Sec 31, T18S, R38E	Sec 24, T18S, R37E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 29, T18S, R38E	Sec 30, T18S, R38E	Sec 30, T18S, R38E	Sec 32, T18S, R38E	Sec 32, T18S, R38E	Sec 33, T18S, R38E	Sec 4, T19S, R38E	Sec 5, T19S, R38E	Sec 29, T18S, R38E	Sec 4, T19S, R38E	Sec 13, T18S, R37E	Sec 9, T19S, R38E	Sec 6, T19S, R38E	Sec 33 T185 R38F
	Unit Letter	F	F	M	Ε	I	К	0	0	0		Э	ш	Ц	В	T.	Ą		Ы	۲.,	Ъ	F	_	ц			Ε		z	0	Ξ	Ξ		0	4	[I
	System	Hobbs	Hobbs		Hopps	Hobbs	H Hobbs	WHobbs	Hopps		Sqq9A1	Hopps	Hobbs	-	140pps	Hopps		Hobbs	Hopps	634 Hobbs	Hobbs	Hobbs	Hobbs	1			Hobbs	Hopps	\mathbf{L}	\	` '		L. I	\$ 22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	Appps	Lichhe
K	D Location	16 F-24-3 Vent	47 F-25 EOL471	58 M-20 Vent 481	6 E-29 Vent 49	I-29 EOL Boot	21 K-29 EOL Bootso	52 0-29 EOL 5/			P-29 Vent 53 6	C-30 Vent 54			~	F-33 Vent 586	ı	Jct. A-25 60V	Jct. P-31 6/V	- 1	Jct. F-29-1A	Jct. F-29-1B (G-29)			2	Jct. E-32-1 65	Jct. E-32-2 60	/ Jct. E-33-1 601	3		ᅵ	Ы	Jct. 0-13 (N) 72	G-9 Vent 73	1 Jot. A-6 4	プラグランプラン

possibly 7-10 years. Each of these sites have significant TPH and salt impact and are deemed to be outside the scope of the Rice Operating Company Generic Junction Box Plan. As sites are prioritized, work plans will Hobbs SWD System Environmental Committee is committee to completing the abandonment of the Hobbs SWD Gathering System, and projects the remediation of these junction box sites to be a long-term endeavor, Operating Company to prioritize the sites according to vadose zone and groundwater receptors, NMOCD score, landowner, surface use, etc. in order to coordinate the most effective and timely use of resources. The These Hobbs SWD System junction boxes, which have potential for groundwater impact, are not yet at a work-status to report as a disclosure. The Hobbs SWD System Environmental Committee has directed Rice be developed and submitted to the NMOCD for review, feedback and approval.

From:

Price, Wayne

Sent:

Wednesday, May 11, 2005 4:03 PM

To:

'Kristin Farris Pope'

Subject: RE: Case #

Question? How did you determine these sites were disclosure rather than final?

----Original Message-----

From: Kristin Farris Pope [mailto:enviro@leaco.net]

Sent: Wednesday, May 11, 2005 4:01 PM

To: Price, Wayne Subject: Re: Case #

Cut and paste from previous email to you today:

No, disclosure reports have not been submitted for those sites. The Hobbs Abandonment sites were included in the very first list of potential groundwater impacts sent to OCD. Most of these sites have not had any excavation yet.

Kristin

----- Original Message -----

From: Price, Wayne
To: 'Kristin Farris Pope'

Sent: Wednesday, May 11, 2005 3:56 PM

Subject: RE: Case #

Your right it is 1R0426-14.

Also has Rice submitted the 36 disclosure reports (RED Cover) for the Hobbs Abandonment project.? did receive the 40 final reports (green cover) and have logged those in our data base system.

----Original Message----

From: Kristin Farris Pope [mailto:enviro@leaco.net]

Sent: Wednesday, May 11, 2005 3:40 PM

To: Wayne Price **Subject:** Case #

Wayne:

My records indicate that BD jct. F-17 (has 1 MW) was assigned an OCD Case# 1R0426-14. The 5/5/05 letter from D. Sanchez has it listed as 1R0426-33.

Can you look into this? Thanks.

Kristin Farris Pope Project Scientist RICE Operating Company Hobbs, NM 88240 (505) 393-9174 This email has been scanned by the MessageLabs Email Security System. For more information please visit http://www.messagelabs.com/email

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recipient, please contact the sender and destroy all co MessageLabs Email Security System	opies of this message This email has been scanned by the
This email has been scanned by the MessageLabs Ema For more information please visit http://www.message	
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Wednesday, May 11, 2005 3:40 PM

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Wayne Price

Subject: Case #

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Kristin Farris Pope Project Scientist RICE Operating Company Hobbs, NM 88240 (505) 393-9174

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From: Sent: Kristin Farris Pope [enviro@leaco.net] Wednesday, May 11, 2005 11:12 AM

To:

Price, Wayne Carolyn Haynes

Cc: Subject:

Re: Hobbs Jct F-29-1A and I-29 Vent

No, disclosure reports have not been submitted for those sites. The Hobbs Abandonment sites were included in the very first list of potential groundwater impacts sent to OCD. Most of these sites have not had any excavation.

Kristin Pope

> System.

---- Original Message -----

From: "Price, Wayne" <WPrice@state.nm.us>

To: "Carolyn Doran Haynes (E-mail)" <riceswd@leaco.net>; "Kristin Farris

Pope (E-mail) " <enviro@leaco.net>

Sent: Wednesday, May 11, 2005 11:00 AM Subject: Hobbs Jct F-29-1A and I-29 Vent

> Did Rice submit Disclosure reports for these sites or just Groundwater
> impact notice?
> Sincerely:
> Wayne Price
> New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
> Santa Fe, NM 87505
> 505-476-3487
> fax: 505-476-3462
> E-mail: WPRICE@state.nm.us
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> recipient, please contact the sender and destroy all copies of this

> message. -- This email has been scanned by the MessageLabs Email Security

From:

Carolyn Doran Haynes [cdhriceswd@leaco.net]

Sent:

Monday, November 29, 2004 4:02 PM

To:

'Price, Wayne'

Cc:

R@rthicksconsult.com; 'Kristin Farris'

Subject: FW: Hobbs SWD System Abandonment

Wayne,

I think you mentioned to Kristin that you didn't remember a request for a 4-year plan for the Hobbs sites. I'm forwarding to you the email and letter I first submitted to you by email in January. I remembered asking you about it just before Randy Hicks submitted the workplan for the 4 sites, like maybe in May (?). If you have questions, please don't hesitate to call. I'm looking forward to our call on Wed. Carolyn

From: Carolyn Doran Haynes [mailto:cdhriceswd@leaco.net]

Sent: Friday, January 16, 2004 5:04 PM

To: Wayne Price

Cc: Roger Anderson; Randall Hicks

Subject: Hobbs SWD System Abandonment

Dear Wayne,

Please consider this proposal for ROC. ROC and System Partners are ready to proceed with the 36 sites of potential GW impact and it was agreed at the December System Partner meeting that proceeding requires a timeline concurrence from OCD.

Randy Hicks is already working on 4 sites for RBCA plans.

Thank you,

Carolyn

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Transmitted via E-Mail on July 14, 2003

RICE Operating Company

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

January 16, 2004

Certified Mail Return Receipt No. 7002 2410 0000 4940 1107

Mr. Wayne Price NM Energy, Minerals and Natural Resources Department Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, NM 87504

Re:

Hobbs SWD System Abandonment

Potential Groundwater-Impacted Junction Box Sites

Dear Mr. Price:

Rice Operating Company (ROC) is in the process of abandoning the Hobbs Salt Water Disposal System, which had been operated by ROC since 1958. The Hobbs SWD System is owned by a consortium of oil producers, System Partners, who provided operating capital and now abandonment capital based on percent ownership. (ROC has no ownership of pipelines, wells, or facilities of the Hobbs SWD System.) This abandonment project requires System Partner AFE approval and pre-work funding.

Through the course of the pipeline and junction box abandonment activities, ROC submitted to the NMOCD a list of 36 junction box sites that exhibited some evidence of potential groundwater impact. These sites could not be closed within the scope of the ROC "Revised Junction Box Upgrade Plan" because of the potential extent of the impact and economics of remediating to a closure status. The ROC "Revised Junction Box Upgrade Plan" recognizes sites that are: "outside the scope of this work plan and will become a risk-based corrective action (RBCA) project-site."

ROC has secured these sites by backfilling the delineation excavation, recording Global Positioning System-defined coordinates (GPS), and implanting a steel identification plate in the center of the site (insures exact re-location of the impact area). In accordance with the "Revised Junction Box Upgrade Plan" each of these 36 sites have been evaluated and prioritized by the Hobbs SWD System Environmental Committee with the intention that individual work plans will be submitted in due course to the NMOCD.

The Hobbs SWD System Partners have directed ROC to propose to the NMOCD that these 36 sites undergo further characterization and if warranted, remediation under an abandonment work plan that encompasses four (4) years. The four-year work plan proposal is supported by several points: the impact will not be compounded because the Hobbs SWD System is completely inactive; each site has been secured for safety and re-location of impact; and logistically, remediation of 9 sites per year is optimistic but possible considering both manpower and economics. A Risk-Based Corrective Action (RBCA) Plan will be developed and submitted for

NMOCD approval for each individual site based on site-specific assessment and impact parameters.

ROC and the Hobbs SWD System Partners have retained RT Hicks Consultants of Albuquerque, NM to initiate the development of RBCA Plans for four (4) of these sites. It is expected that the RBCA plans for these four sites will be submitted to the NMOCD by March 1, 2004. The remaining plans for five more sites for 2004 will be developed later in the year and will undoubtedly reflect the conditions/approval reached for these first four site plans.

As always, NMOCD will be notified in advance by email of work schedule and timing of significant events and will be consulted throughout the work plan process for concurrence of any significant plan alterations, analytical interpretations, etc. NMOCD will be given specific advance notice of sites located within a city limits or ¼ mile from a residence, business, school, public water source, etc. Work plan activities and results at any of these sites will be immediately communicated to the Santa Fe NMOCD office for concurrence or conditions of strategy.

Thank you for your consideration of this proposal for a 4-year plan to remediate the remaining 36 impacted sites of the Hobbs SWD System pipeline and junction box abandonment. ROC also thanks NMOCD for acknowledging issues ROC faces with landowners, System Partners and operations of an aging infrastructure. We look forward to hearing from you soon. If there are any additional questions, please contact me at the above phone number.

Carolyn Doran Haynes Engineering Manager

Attachments

cc:

LBG, SC, file RT Hicks

NMOCD: Roger Anderson

From: Carolyn Doran Haynes [cdhriceswd@leaco.net]

Sent: Wednesday, November 24, 2004 2:22 PM

To: 'Price, Wayne'
Cc: 'Kristin Farris'

Subject: FW: Rice Projects

Wayne,

Please scroll down and read my responses imbedded in your email. They are in red.

----Original Message----

From: Rice Operating [mailto:riceswd@leaco.net] Sent: Wednesday, November 24, 2004 11:47 AM

To: Haynes, Carolyn Doran Subject: Fw: Rice Projects

---- Original Message -----

From: "Price, Wayne" <WPrice@state.nm.us>

To: "Carolyn Doran Haynes (E-mail)" <riceswd@leaco.net>; "Kristin Farris

Pope (E-mail) " <enviro@leaco.net>

Sent: Wednesday, November 24, 2004 10:32 AM

Subject: Rice Projects

> Dear Carolyn:

>

- > The first thing I want to do is compliment Kristin on the good job she is
- > doing on filing, processing and maintaining records on all of your
- > projects.
- > Excellent work!

Thank you!

>

- > The next item is a question. Which ROC projects are not under the generic
- > Jct plan or Redwood Tank closure? Are you using the Jct Box plan for
- > redwood tank and leak sites also? I understand that EME and DB projects
- > are all under the generic Jct plan approved on July 22, 2003 by OCD. I also
- > understand that disclosure reports from these projects are covered on a
- > case-by-case basis. So how is the Hobbs SWD and other ROC systems being
- > handled? Please clarify.

The Junction Box Plan is just that, a junction box plan, for all of the Systems. The reason most reports are for EME and BD is because they are the Systems with the most activity (due to barrels disposed and dollars ROC can AFE.) The Hobbs SWD project is for abandonment. The Hobbs junction boxes were evaluated also according to the junction box plan. The Hobbs E-15 site initially was to be done under the generic redwood tank and pit closure plan. The impact suspected there and the landowner (OXY) desire to keep expense minimal, however, warrants usage of a RBCA plan, so ROC called in Arcadis to develop a plan. Leak sites are not worked according to the junction box plan, and are evaluated site by site. Some of the closure conditions, however, may resemble the junction box plan closure conditions (decline of chlorides, for example). The more ROC discovers about the historical

salt behavior, the more we find we can apply it to sites.

As far as which sites are not the JB plan or RWtank plan, I'll have to get back to you. Generally, if a site has come into you for a workplan approval, the site is not on one of the two plans or is out of the scope of the plan.

>

- > Also, the conference call on Dec 1 is a discussion on a path forward
- > procedure for the sites in the Monument area. I wasn't planning on
- > discussing each individual site with your contractors. The call will be
- > about OCD's understanding and procedure for addressing the groundwater
- > issue in that area. I think having contractors on the line will cloud the
- > issue.

The only reason I wanted the consultants on the line is because they are truly handling their projects and ROC is just coordinating. It is not a problem to exclude them.

Please understand that ROC does not have staff that has the credentials or expertise of the consultants. I'm not an environmental professional and with my ROC management responsibilities, I can't keep my hand on everything. Kristin is a degreed geologist and has been with ROC 3 years, but that doesn't approach the experience and network of the consultants.

>

- > Another issue is the Vacuum G-35 and F-35 projects. I sent an E-mail
- > yesterday requiring action. I understand Randy Hicks sent E-mails
- > concerning this project. We have a problem with his E-mails and we don't
- > always get the attachments, and then usually we never receive the hard
- > copy.
- > However, It's not all his fault because we have had some E-mail problems
- > ourselves and we have been inundated with paper work recently combined
- > with
- > the loss of Bill Olson. I am finding that some of the projects were in
- > his
- > name and may be the reason for some confusion. Please send anything
- > associated with ROC to me and as I am making a concerted effort to process
- > these as soon as possible.

ROC will send all project info to you. I'll talk with Randy about paperwork. The G-35 and F-35 sites will be addressed with you asap. I'll consult with Randy and get him on board with what OCD is going to require. I will want to discuss the conditions with you during the conference call.

>

- > Hobbs SWD E-15. Please send photos and area map where it is located. Was
- > there a closure plan issued for the tanks, jct box equipment etc. and is
- > there photos for this work? Is this part of the Hobbs abandonment
- > project?

The E-15 site is a redwood tank and pit site. It is part of the Hobbs abandonment. The tanks and pit were NORM cleared and removed under the generic plan. The site was partially delineated under the generic plan. All work was suspended due to the I-9 McNeill site pending the lawsuit, OCD's approval of the Stage II, and the new ownership of the land (OXY). We are now set to proceed and OXY wanted a RBCA to minimize expenses, so Arcadis was called in and Sharon Hall submitted a work plan to you.

I'm on vacation right now, but will be back in the office Monday. Kristin and I will discuss these issues and will look forward to our conference call for a path forward. I have long since believed the Monument area GW will have to become a cooperative effort of all the producers in the area. I believe the information we

are gathering now will map-out pockets of impact that can be addressed on a much larger scale - probably not approachable by ROC... We have a lot of work ahead, and it will take a long time to produce results. I've thought for some time now that the ROC work is just the top of the iceberg, but we're working as fast as we can. We have five consultants working on various projects and hope to secure the funding for work next year. ROC is in a precarious position these days, and I'm so glad oil is \$45+/bbl. Without that, AFEs would be very difficult to gain approval.

Have a great Thanksgiving. I am on my cell phone if you need to speak for any reason. 505-631-0680. Carolyn

```
> Sincerely:
> Wayne Price
> New Mexico Oil Conservation Division
> 1220 S. Saint Francis Drive
> Santa Fe, NM 87505
> 505-476-3487
> fax: 505-476-3462
> E-mail: WPRICE@state.nm.us
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From:

Price, Wayne

Sent:

Wednesday, November 24, 2004 10:32 AM

To:

Carolyn Doran Haynes (E-mail); Kristin Farris Pope (E-mail)

Subject:

Rice Projects

Dear Carolyn:

The first thing I want to do is compliment Kristin on the good job she is doing on filing, processing and maintaining records on all of your projects. Excellent work!

The next item is a question. Which ROC projects are not under the generic Jct plan or Redwood Tank closure? Are you using the Jct Box plan for redwood tank and leak sites also? I understand that EME and DB projects are all under the generic Jct plan approved on July 22, 2003 by OCD. I also understand that disclosure reports from these projects are covered on a case-by-case basis. So how is the Hobbs SWD and other ROC systems being handled? Please clarify.

Also, the conference call on Dec 1 is a discussion on a path forward procedure for the sites in the Monument area. I wasn't planning on discussing each individual site with your contractors. The call will be about OCD's understanding and procedure for addressing the groundwater issue in that area. I think having contractors on the line will cloud the issue.

Another issue is the Vacuum G-35 and F-35 projects. I sent an E-mail yesterday requiring action. I understand Randy Hicks sent E-mails concerning this project. We have a problem with his E-mails and we don't always get the attachments, and then usually we never receive the hard copy. However, It's not all his fault because we have had some E-mail problems ourselves and we have been inundated with paper work recently combined with the loss of Bill Olson. I am finding that some of the projects were in his name and may be the reason for some confusion. Please send anything associated with ROC to me and as I am making a concerted effort to process these as soon as possible.

Hobbs SWD E-15. Please send photos and area map where it is located. Was there a closure plan issued for the tanks, jet box equipment etc. and is there photos for this work? Is this part of the Hobbs abandonment project?

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487

fax: 505-476-3462

E-mail: WPRICE@state.nm.us



From:

Randall Hicks [R@rthicksconsult.com]

Sent:

Wednesday, November 03, 2004 7:33 PM

To:

'Price, Wayne'

Cc:

Kristin Farris Pope; 'Carolyn Doran Haynes'; david@rthicksconsult.com

Subject:

Hobbs SWD System Abandonment Project - change in work plan

Importance: High

Wayne

1R9414
1R9414
1S 1R0428
1an. T-As promised, we are drilling borings and wells in accordance with our work plan. In the field, however, we discovered that the Ogallala Aquifer is more than 100 feet thick (saturated thickness). Placing a well screen at the top and bottom of this very thick unit does not make sense with respect to gauging the effects (if any) of releases from these sites. Instead, we plan to place one well screen at the top of the aguifer (consistent with NMOCD Guidance) to test for any impact of hydrocarbons and chloride. In this same borehole, we will install a second 5-foot screen about 20 feet below the bottom of the upper screened zone. The purpose of this deeper screen is to determine if we have a chloride concentration gradient near these release sites that would suggest any density-driven impacts due to past brine releases.

If you have any concerns regarding this change to our work plan, please contact us immediately. We will be completing our first well tomorrow. We may complete the second well tomorrow also. If the data suggest that a third well is required, we probably will not complete that last well until Thursday morning. Then we move to the Lovington site.

Thanks.

Randy Hicks 505-266-5004 - office 505-238-9515 - cell

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From: Randall Hicks [R@rthicksconsult.com]

Sent: Wednesday, October 20, 2004 3:34 PM

To: 'Price, Wayne'

Cc: 'Andrew Parker'; 'Carolyn Doran Haynes'; 'Kristin Farris'

Subject: Hobbs SWD System Abandonment

Wayne

This is our notification of field activities for this site.

Randy Hicks 505-266-5004 - office 505-238-9515 - cell

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This email has been scanned by the MessageLabs Email Security System. For more information please visit http://www.messagelabs.com/email

From:

Randall Hicks [R@rthicksconsult.com]

Sent:

Wednesday, October 20, 2004 6:04 AM

To:

'Price, Wayne'

Cc:

'Kristin Farris'; 'Andrew Parker'

Subject: Hobbs SWD Abandonment - Rice

Wayne

I will be at NMOCD offices Thursday, 9 am for an Empire Abo Gas Plant Meeting. At this time, I would like to collect any data NMOCD may have on the Windmill Oil Site that is up gradient from Hobbs SWD Abandonment site. I understand that your consultant completed some sampling work in this area some months ago.

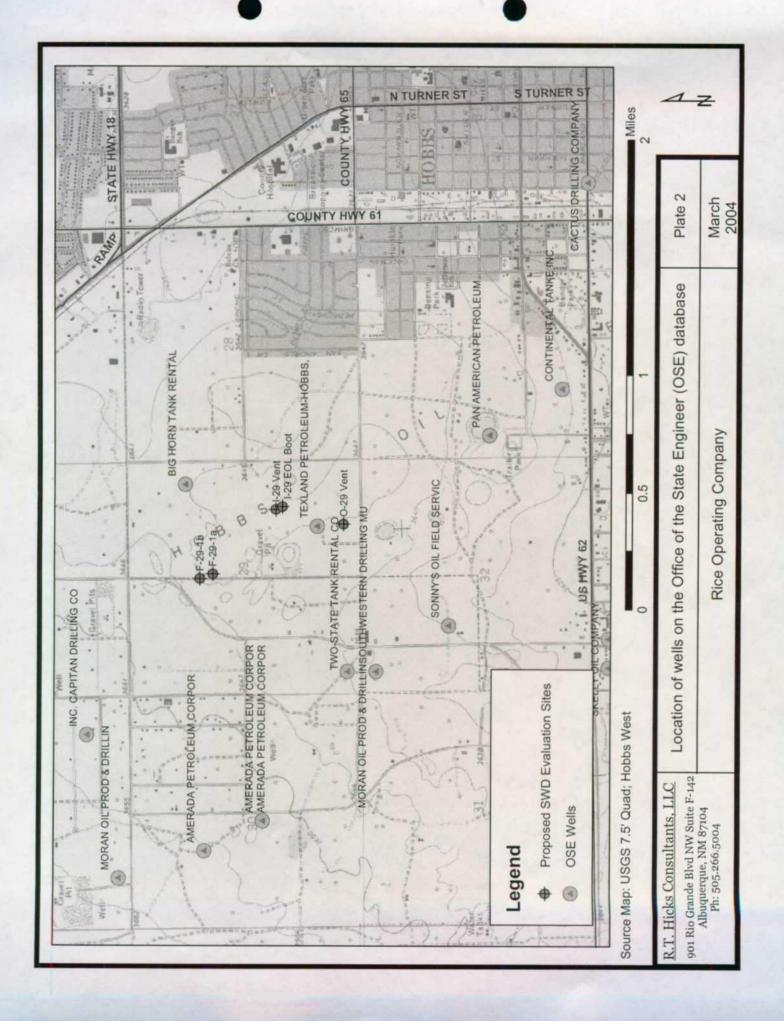
I would appreciate any reference to files of other sites in the area as well. I attach Plate 2 of our workplan to refresh your memory regarding the location of the site.

We are preparing to conduct the investigation and we will submit a formal notification of the dates of our site work in a few days.

Randy Hicks 505-266-5004 - office 505-238-9515 - cell

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R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266-0745

October 20, 2004

Mr. Wayne Price New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: Hobbs SWD System Abandonment Potential Groundwater-Impacted Junction Box Sites Case 1R0414

Dear Mr. Price

This letter serves as our notification for conducting field work associated with the above-referenced project. We will commence field work on November 2.

As discussed in our approved workplan, we have identified five sites that are representative of the system and we plan to install one boring at each site. These five sites are:

1. I-29 Vent Produced Water Pipeline Vent 18S.38E.29.I	1R0428-41
2. I-29 EOL Boot End of Line Boot 18S.38E,29.I	1RO 428-42
3. O-29 Vent Produced Water Pipeline Vent 18S.38E.29.0	1R0428-43
4. F-29-1A Junction Box 18S.38E.29.F	1R0428- 44
5. F-29-1B Produced Water Pipeline Boot 18S.38E.29.F	1Ro 428 - 45

Below, we outline our approach as described in the workplan and in response to your August 6, 2004 conditional approval.

- 1. We will locate the vertical definition sampling borehole as close as practical to the suspected release source.
- 2. From each boring, we will obtain a split-spoon soil sample every five or ten feet throughout the entire vadose zone (ground surface to ground water).
- 3. We will evaluate these discrete samples, the borehole drilling characteristics, and drill cuttings to develop a lithologic profile of the vadose zone.
- 4. We will employ standard methods, as described in the Junction Box Replacement Program Plan, to evaluate all soil samples in the field for chloride content, TPH and volatile organic constituent content.
- 5. We will submit at least one soil sample from each boring to a qualified laboratory for evaluation of chloride and BTEXN (benzene, toluene, ethylbenzene, xylene, naphthalene). The field geologist will identify samples for laboratory analysis after review of the field analysis of chloride, TPH and VOCs. For all borings, we will submit the deepest sample for laboratory analysis of these constituents.

- 6. The geologist will select two samples from the first boring and two samples from the fourth boring for laboratory analysis of soil moisture content and bulk density.
- 7. We will obtain a background soil sample at a depth of about 5 feet at a location 300 feet from any visible or suspected surface releases.
- 8. If field analyses of a borehole show chloride concentrations are consistently greater than 3 times background from ground surface to ground water, we will conclude that periodic discharges from the source created saturated conditions in the past. For any borehole that encounters these potential saturated conditions, we will continue drilling through the saturated zone to the top of the Dockum Group red beds, which form the base of the aquifer in this area. If the saturated thickness of the aquifer in this boring is less than 25 feet, we will install a 2-inch monitoring well with five feet of screen above the water table and 15 feet below the water table, in a manner consistent with industry standards (see NMOCD, ASTM or EPA publications).
- If the saturated thickness of the aquifer is greater than 25 feet we will install one well screen as described above and a second 5-foot screen above the top of the Dockum Group red beds.
- 10. We will sample any ground water monitoring wells using micro-purge and "no-purge" techniques to collect two separate samples from this "flow through" monitoring well. We will collect a water sample just below the air water interface, which will be employed for evaluation of any impact from a release of hydrocarbons as well as chloride and TDS. At the bottom of the aquifer we will obtain a second sample, which we will test for chloride TDS.
- 11. We expect no material horizontal migration from these potential release sites. If previous excavation work did not provide adequate horizontal characterization, we will provide a protocol for such characterization after our evaluation of these vertical delineation borings.

If you have any questions concerning this field program, please contact Andrew Parker of my staff or me.

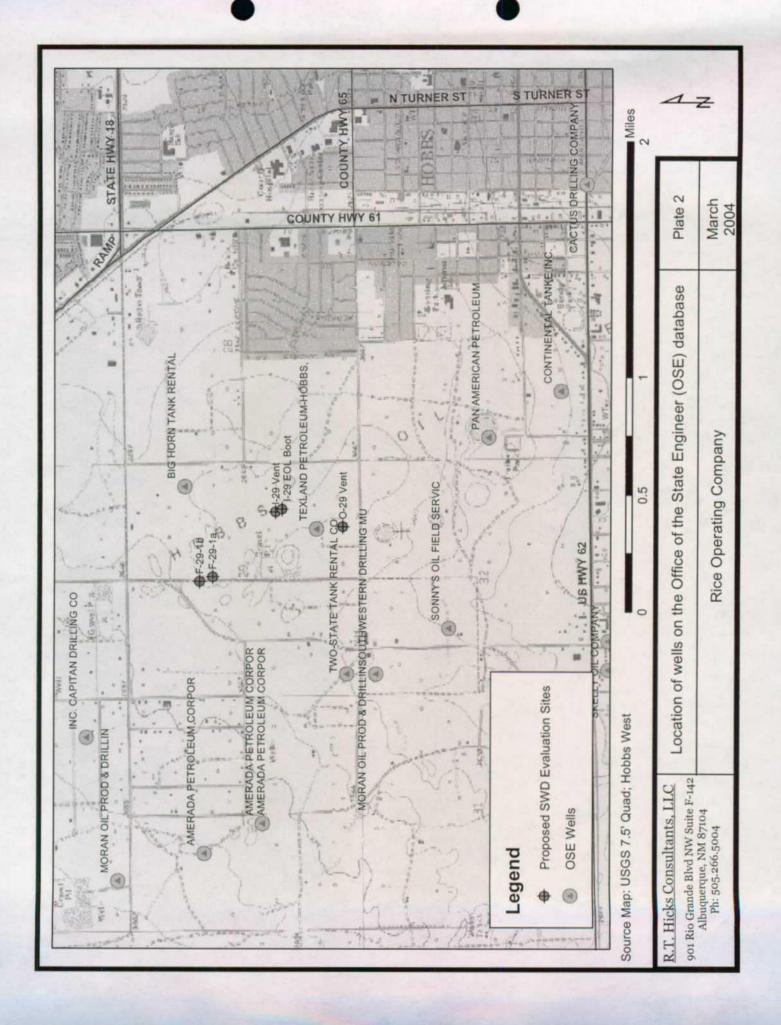
Sincerely,

R.T. Hicks Consultants, Ltd.

Consider THJ

Randall Hicks Principal

Copy: Rice Operating Company



Price, Wayne

From:

Price, Wayne

Sent:

To:

Cc:

Friday, August 06, 2004 1:59 PM
Carolyn Doran Haynes (E-mail)
Randall Hicks (E-mail); Sheeley, Paul; Johnson, Larry
Rice operating Hobbs SWD System Abandonment

Subject:

Letter went out today.



approval of March 11, 2004 req...

Sincerely:

Wayne Price New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505 505-476-3487

fax: 505-476-3462

E-mail: WPRICE@state.nm.us



NEW TEXICO ENERGY, MENERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

August 06, 2004

Carolyn Doran Haynes Operations Engineer Rice Operating Company 122 West Taylor Hobbs, New Mexico 88240

DE.

Hobbs Salt Water Disposal System Abandonment Project

OCD Case # 1R0414 Lea County, New Mexico

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (OCD) is in receipt of the March 11, 2004 Work Plan to investigate five sites located on the west side of Hobbs, New Mexico. OCD hereby approves of the plan with the following conditions:

- 1. Each site shall be delineated both vertically and horizontally, unless previously completed.
- 2. All trend line analysis for chlorides shall be developed using a minimum of five data points. If the last data point is greater than 250 ppm, then OCD will require additional data points for confirmation.
- 3. Each investigation borehole shall not terminate until item 2. above is satisfied and the last soil sample collected (i.e. bottom hole sample) is below 100 ppm of TPH. Each bottom hole sample shall be analyzed for BTEX, TPH and General Chemistry by EPA approved laboratory analysis.
- 4. All background samples shall be collected at a minimum of 300 feet from any know or visual contamination. Each background sample shall be analyzed for TPH, BTEX and General Chemistry by EPA approved laboratory analysis.
- 5. Each investigation report shall contain the information ROC proposed including dated photos taken before investigation. Each report shall have the OCD Case # 1R0414 for record keeping purposes. Each site that is modeled shall use also a ten feet aquifer thickness in the model. Each investigation report shall include the distance to nearest fresh water well, surface water, watercourse including playas

(dry or wet), depth to groundwater, distance to nearest residence, business or school etc. if less than one mile.

- 6. Records shall be maintained for the disposal of all waste.
- 7. OCD Santa Fe office and the OCD District office shall be notified at least 72 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

Please be advised that NMOCD approval of this plan does not relieve Rice Operating Company of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Rice Operating Company of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions please do not hesitate to contact me at 505-476-3487 or E-mail WPRICE@state.nm.us.

Sincerely,

Wayne Price- Engineer

augue Pair

cc: Roger Anderson-Environmental Bureau Chief

OCD Hobbs Office,

R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266-0745

March 11, 2004

Mr. Wayne Price New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: Hobbs SWD System Abandonment

Potential Groundwater-Impacted Junction Box Sites

Dear Mr. Price

Rice Operating Company (ROC) retained Hicks Consultants to address potential environmental concerns at the above referenced sites. This submission proposes a scope of work that we believe will best mitigate any threat to human health and the environment and lead to closure of the regulatory file for this site.

Background

Plate 1 shows the location of the area of the Hobbs SWD System that is the subject of this work plan. During the abandonment process, ROC found evidence of produced water leakage at 36 sites (see Table 1 and Plate 1). Our initial field inspection suggests that past releases at some of these sites are very minor and will pose no threat to human health or the environment, including surface soil. Nevertheless, we propose a more thorough examination of these sites and submission of our findings.

The Hobbs SWD System operated at a capacity of about 40,000 barrels/day from the late 1950s to the late 1980s. During the past decade, about 1000 barrels/day flowed through the system. We believe that the soil staining and other evidence of produced water leakage at these 36 sites dates to the time when the system was operating at capacity. We hypothesize that accidental releases to the environment at many of these sites ceased in the 1990s and natural restoration has mitigated the effects of any past releases. At most release sites, we witnessed no vegetation stress that we could attribute to any past releases. Our proposed scope of work is outlined below.

Task 1 Collect Regional Hydrogeologic Data

Within the area shown on Plate 1, we found over 2000 wells in the database of the Office of the State Engineer (OSE). Plate 2 shows the location of selected water wells on the OSE and USGS database. Table 2 identifies the well owners and certain other specifics regarding these selected wells. We understand that the NMOCD is currently obtaining water levels and water quality samples in support of an investigation of the nearby Windmill Oil Company site (Section 30). We understand that the results of the NMOCD study are not presently available. We do not plan to duplicate NMOCD efforts and Table 2 excludes all wells found in Section 30.

March 11, 2004 Page 5

Nevertheless, we require some regional data in order to proceed in a timely fashion. We will attempt to sample at least 10 wells identified in Table 2 to provide an understanding of the regional water quality. Where possible, we will obtain static water levels from these wells. For each of these wells, we will obtain available driller's logs to help us define the regional geology.

We will evaluate these data, data available from the NMOCD investigation of the Windmill Oil Company, published data, and available historical data from the USGS database. The purpose of this research is to assist us with the planning of the proposed drilling program (Task 2).

Task 2 Evaluate Chloride and BTEXN Concentrations in Soil at Five Sites, Evaluate Ground Water Quality if Necessary

We have identified five sites that are representative of the system and we plan to install one boring at each site. These five sites (see Plate 1 and Table 1) are:

 I-29 Vent 	Produced Water Pipeline Vent	18S.38E.29.I
2. I-29 EOL Boo	ot End of Line Boot	18S.38E,29.I
3. O-29 Vent	Produced Water Pipeline Vent	18S.38E.29.0
4. F-29-1A	Junction Box	18S.38E.29.F
5. F-29-1B	Produced Water Pipeline Boot	18S.38E.29.F

We will locate the sampling borehole as close as practical to the suspected release source. Due to the presence of caliche in the subsurface, we plan to employ air-rotary drilling techniques. From each boring, we will obtain split-spoon soil samples every five or ten feet of the vadose zone.

We will evaluate these discrete samples, the borehole drilling characteristics, and drill cuttings to develop a lithologic profile of the vadose zone. We will employ standard methods, as described in the Junction Box Replacement Program Plan, to evaluate all soil samples in the field for chloride content, TPH and volatile organic constituent content. We will submit at least one soil sample from each boring to a qualified laboratory for evaluation of chloride and BTEXN (benzene, toluene, ethylbenzene, xylene, naphthalene). The field geologist will identify samples for laboratory analysis after review of the field analysis of chloride, TPH and VOCs. The geologist will select two samples from the first boring and two samples from the fourth boring for laboratory analysis of soil moisture content and bulk density. We will also obtain a background soil sample at a depth of about 5 feet.

If field analyses of a borehole show chloride concentrations are consistently greater than 3 times background from ground surface to ground water, we will conclude that periodic discharges from the source created saturated conditions in the past. For any borehole that encounters potential saturated conditions, we will continue drilling through the saturated zone to the top of the Dockum Group red beds, which form the base of the aquifer in this area. If the saturated thickness of the aquifer in this boring is less than 25 feet, we will install a 2-inch monitoring well with five feet of screen above the water table and 15 feet below the water

table, in a manner consistent with industry standards (see NMOCD, ASTM or EPA publications). If the saturated thickness of the aquifer is greater than 25 feet we will install one well screen as described above and a second 5-foot screen above the top of the Dockum Group red beds. We will use micro-purge and "no-purge" techniques to collect two separate samples from this "flow-through" monitoring well. We will collect a sample the air water interface, which will be employed for evaluation of any impact from a release of hydrocarbons as well as chloride and TDS. At the bottom of the aquifer we will obtain a second sample, which we will test for chloride TDS. Appendix A describes the "no-purge" sampling technique we plan to employ at this site after initial sampling using micro-purge techniques.

Task 3 Evaluate Chloride, Benzene and Naphthalene Flux from the Vadose Zone to Ground Water

We anticipate that one or all of the five sites selected for borehole investigation will show evidence of seepage from the source to a depth of more than 10-feet. For these sites, excavation and disposal of released material can cause more environmental damage than it cures. For such sites, we propose to employ HYDRUS-1D and a simple ground water mixing model to evaluate the potential of any residual chloride and hydrocarbon mass in the vadose zone to materially impair ground water quality at the site. We will employ predictions of the migration of chloride ion, benzene and naphthalene from the vadose zone to ground water in our selection of an appropriate remedy for the land surface and underlying vadose zone. This simulation is the "no action" alternative, which predicts chloride flux to ground water in the absence of any action by ROC. We have selected these three constituents for simulation modeling because each of these constituents exists in the fluids stored in the tanks and each is specifically regulated by New Mexico ground water regulations (WQCC).

We will employ the input parameters to HYDRUS and the mixing model outlined in Table 3. In

Table	e 3: Input Parameters for HYDRUS-1D						
Input Parameter	Source						
Vadose Zone Thickness	Proposed borings and/or well logs on file with the OSE						
Vadose Zone Texture	Proposed borings and well logs on file with the OSE						
Dispersion Length	Professional judgment, typically 10% of the model length						
Soil Moisture	Field Measurements from borings and/or HYDRUS-1D simulations						
Vadose Zone Chloride Load	Sampling data from proposed borings						
Length of release	Field Measurements, these sites are generally less than 30 feet in						
perpendicular to ground	diameter						
Climate	Pearl, NM station (Hobbs)						
Background Chloride in Ground Water	Samples from water supply wells						
Ground Water Flux	Calculated from regional hydraulic data, data from nearby wells, and published data						
Aquifer Thickness	Nicholson and Clebsch (1960), and well logs on file with the OSE						

the no action simulation, we will assume that vegetation is present over the release site. This assumption is consistent with our site observations. We anticipate that any release of chloride to ground water will disperse throughout the entire thickness of the aquifer after a short travel distance. Unless the hydrogeology of the site suggests differently (see Task 1), we plan to use the entire aquifer thickness as the input to the mixing model equation. For hydrocarbons, such as benzene and naphthalene, assuming a chemical stratification within the aquifer is appropriate. For these constituents, we plan to use only the uppermost 10 feet of the aquifer in the mixing model equation

Task 4 Design Corrective Action Plan

After ROC completes the abandonment of the Hobbs SWD System, there can be no additional releases of produced water. Our modeling of the "no action alternative" at these five sites may show that the residual chloride and hydrocarbon mass in the vadose zone poses a threat to ground water quality. If such a threat does exist, we will expand upon the HYDRUS-1D model predictions described above to develop a remedy for the vadose zone. If necessary, we will simulate:

- 1. excavation, disposal and replacement of clean soil to remove the chloride and hydrocarbon mass,
- 2. installation of a low permeability barrier to minimize natural infiltration,
- 3. surface grading and seeding to eliminate any ponding of precipitation and promote evapotranspiration, thereby minimizing natural infiltration, and
- 4. a combination of the above potential remedies.

We will select the vadose zone remedy that offers the greatest environmental benefit while causing the least environmental damage. We will provide a Net Environmental Benefit Analysis to support our selection of the remedy.

We will use the ground water mixing model or a suitable alternative to assist in the design of any required ground water remedy. It is possible, however, that the background chloride and /or hydrocarbon concentrations in ground water measured in the nearby wells are equal to or higher than the concentration in any monitoring well installed under this work plan. Such data would strongly suggest that the site in question has not caused any material impairment of ground water quality. If we find no evidence of impairment of water quality due to past activities, we will not prepare a ground water remedy. If data suggest that the site has contributed chloride or hydrocarbons to ground water and caused ground water impairment, we will examine the following alternatives:

- 1. Natural restoration due to dilution and dispersion,
- 2. Pump and dispose to remove the chloride and hydrocarbon mass in the saturated zone,

- 3. Pump and treat to remove the chloride and hydrocarbon mass in the saturated zone,
- 4. Because of the location of the site, institutional controls negotiated with the landowner may provide an effective remedy. Such controls may be restriction of water use to livestock until natural restoration returns the water quality to state standards, a provision for alternative supply well design, or a provision for well head treatment to mitigate any damage to the water resource.

We will select the ground water remedy that offers the greatest environmental benefit while causing the least environmental damage. We will provide a Net Environmental Benefit Analysis to support our selection of the remedy. We may propose additional ground water monitoring wells to support the evaluation and selection of a remedy.

We plan to deliver a Corrective Action Plan that is similar to the Junction Box Replacement Program Plan. This type of submittal will allow ROC to evaluate each site, prioritize the restoration of each site based upon a risk profile, and then begin restoration of those sites that pose the highest risks. Depending upon the results of the work described herein, ROC may elect to move forward with an area-wide plan rather than proposing 36 individual remedies. We propose to complete the work of described in Tasks 1-3, begin the work outlined in Task 4 and then meet with NMOCD to discuss the scope of the final submittal.

We plan to commence data collection for the HYDRUS-1D simulations described above in late late March or early April. Your approval to move forward with this work plan will facilitate our access to nearby wells and approval of expenditures by the System Partners.

Sincerely,

R.T. Hicks Consultants, Ltd.

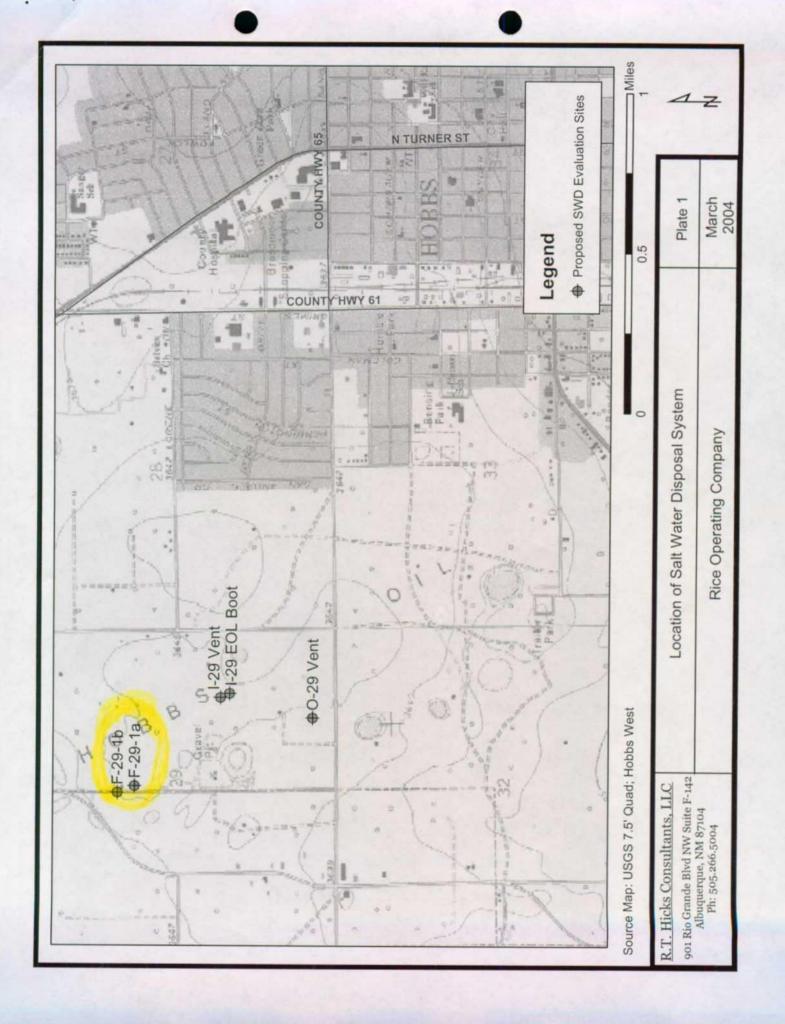
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Randall T. Hicks

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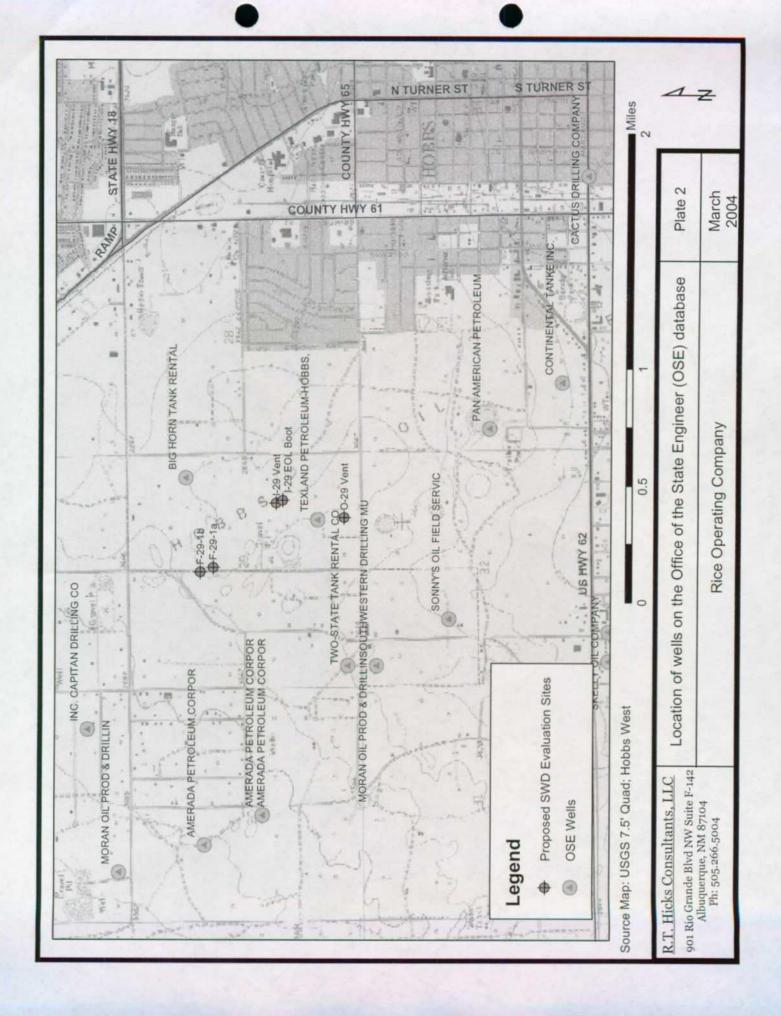


Table 1

HOBBS Junction Box Disclosures: Potential Groundwater Impact

These junction box sites have become "disclosure" rather than "closure" sites because significant TPH or salt impact has deemed the site remediation to be delineaton results. As noted, some of the sites are confirmed to have groundwater impact and have been officially reported to the NMOCD and are being outside the scope of the Rice Operating Company Generic Junction Box Plan. Each of these sites has the potential for groundwater impact, based on monitored for groundwater quality. These sites are being evaluated for risk-based corrective action and plans will be submitted to the NMOCD.

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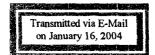
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1/31/2003	Primary Delineation only	NM	<50	Sec 4, T19S, R38E	Ε	Hobbs	Jct. E-4
1/31/2003	Primary Delineation only	Sage & Cottrell	<50	Sec 29, T18S, R38E	Н	Hobbs	Jct. H-29
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1/31/2003	Primary Delineation only	MN	<50	Sec 33, T18S, R38E	Ξ	Hobbs	Jct. E-33-1

Operating Company Generic Junction Box Plan. As sites are prioritized, work plans will be developed and submitted to the NMOCD for review, feedback NMOCD score, landowner, surface use, etc. in order to coordinate the most effective and timely use of resources. The Hobbs SWD System Environmental be a long-term endeavor, possibly 7-10 years. Each of these sites have significant TPH and salt impact and are deemed to be outside the scope of the Rice These Hobbs SWD System junction boxes, which have potential for groundwater impact, are not yet at a work-status to report as a disclosure. The Hobbs SWD System Environmental Committee has directed Rice Operating Company to prioritize the sites according to vadose zone and groundwater receptors, Committee is committed to completing the abandonment of the Hobbs SWD Gathering System, and projects the remediation of these junction box sites to and approval.

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PAN AMERICAN PETROLEUM 120 52 CONTINENTAL TANKE INC. 112 56 CACTHS DRIFTING COMPANY 106 45	Shallow 18S 38E 32 3 3 6/25/1954 6/25/1954
CONTINENTAL TANKE INC. 112 56 CACTUS DRIFTING COMPANY 106 45	Shallow 18S 38E 33 1 3 8/18/1969 8/19/1969
CACTUS DRIFTING COMPANY 106 45	Shallow 18S 38E 33 3 6/23/1953 6/23/1953
	Shallow 18S 38E 34 3 3 8/21/1956 8/22/1956





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

January 16, 2004

Mr. Wayne Price NM Energy, Minerals and Natural Resources Department Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, NM 87504

Re:

Hobbs SWD System Abandonment

Potential Groundwater-Impacted Junction Box Sites

Dear Mr. Price:

7002 2410 0000 4940 1107

Certified Mail Return Receipt No.

JAN 8 8 2004

CIL CONSTRUATION ENVIOLUT

Rice Operating Company (ROC) is in the process of abandoning the Hobbs Salt Water Disposal System, which had been operated by ROC since 1958. The Hobbs SWD System is owned by a consortium of oil producers, System Partners, who provided operating capital and now abandonment capital based on percent ownership. (ROC has no ownership of pipelines, wells, or facilities of the Hobbs SWD System.) This abandonment project requires System Partner AFE approval and pre-work funding.

Through the course of the pipeline and junction box abandonment activities, ROC submitted to the NMOCD a list of 36 junction box sites that exhibited some evidence of potential groundwater impact. These sites could not be closed within the scope of the ROC "Revised Junction Box Upgrade Plan" because of the potential extent of the impact and economics of remediating to a closure status. The ROC "Revised Junction Box Upgrade Plan" recognizes sites that are: "outside the scope of this work plan and will become a risk-based corrective action (RBCA) project-site."

ROC has secured these sites by backfilling the delineation excavation, recording Global Positioning System-defined coordinates (GPS), and implanting a steel identification plate in the center of the site (insures exact re-location of the impact area). In accordance with the "Revised Junction Box Upgrade Plan" each of these 36 sites have been evaluated and prioritized by the Hobbs SWD System Environmental Committee with the intention that individual work plans will be submitted in due course to the NMOCD.

The Hobbs SWD System Partners have directed ROC to propose to the NMOCD that these 36 sites undergo further characterization and if warranted, remediation under an abandonment work plan that encompasses four (4) years. The four-year work plan proposal is supported by several points: the impact will not be compounded because the Hobbs SWD System is completely inactive; each site has been secured for safety and re-location of impact; and logistically, remediation of 9 sites per year is optimistic but possible considering both manpower and economics. A Risk-Based Corrective Action (RBCA) Plan will be developed and submitted for

CE MENDRY 40 Mulhar.

Hobbs SWD Abandonment January 16, 2004 Page 2 of 2

NMOCD approval for each individual site based on site-specific assessment and impact parameters.

ROC and the Hobbs SWD System Partners have retained RT Hicks Consultants of Albuquerque, NM to initiate the development of RBCA Plans for four (4) of these sites. It is expected that the RBCA plans for these four sites will be submitted to the NMOCD by March 1, 2004. The remaining plans for five more sites for 2004 will be developed later in the year and will undoubtedly reflect the conditions/approval reached for these first four site plans.

As always, NMOCD will be notified in advance by email of work schedule and timing of significant events and will be consulted throughout the work plan process for concurrence of any significant plan alterations, analytical interpretations, etc. NMOCD will be given specific advance notice of sites located within a city limits or ¼ mile from a residence, business, school, public water source, etc. Work plan activities and results at any of these sites will be immediately communicated to the Santa Fe NMOCD office for concurrence or conditions of strategy.

Thank you for your consideration of this proposal for a 4-year plan to remediate the remaining 36 impacted sites of the Hobbs SWD System pipeline and junction box abandonment. ROC also thanks NMOCD for acknowledging issues ROC faces with landowners, System Partners and operations of an aging infrastructure. We look forward to hearing from you soon. If there are any additional questions, please contact me at the above phone number.

Sincerely,

RICE OPERATING COMPANY

andyn Draw Hayner

Carolyn Doran Haynes Engineering Manager

Attachments

CC:

LBG, SC, file RT Hicks

NMOCD: Roger Anderson

RICE Operating Company

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

CERTIFIED MAIL RETURN RECIEPT NO. 7000 1530 0005 9895 4787

March 27, 2003

Mr. Wayne Price New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87504

RE:

JUNCTION BOX UPGRADE REPORT for 2002

Hobbs SWD SYSTEM Lea County, New Mexico HOBBS SWO RICE JCT BOXANPGRADE) PROJECT

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the Junction Box Upgrade results for the year 2002. Enclosed is a list of the completed junction boxes and their respective closure dates. These boxes are located in the Hobbs Salt Water Disposal System and are part of the System abandonment.

ROC is the service provider (operator) for the Hobbs 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 Partners, who provide all operating capital on a percentage ownership/usage basis. Replacement/closure projects of this magnitude require System Partner AFE approval and work begins as funds are received.

ROC completed 57 junction box sites in 2002. The remaining junction boxes in the system have suspected or confirmed severe environmental impact. A steering committee of System Partners has been formed to investigate and recommend remedial actions for the remaining sites. Enclosed is an analysis of ROC's chloride field tests compared with the laboratory's results.

Thank you for your consideration of this Junction Box Upgrade Report for 2002.

RICE OPERATING COMPANY

Knistin Louis

Kristin Farris **Project Scientist**

Enclosures Cc: LBG, CDH, file,

Mr. Chris Williams NMOCD, District I Office 1625 N. French Drive Hobbs, NM 88240

RICE Operating Company

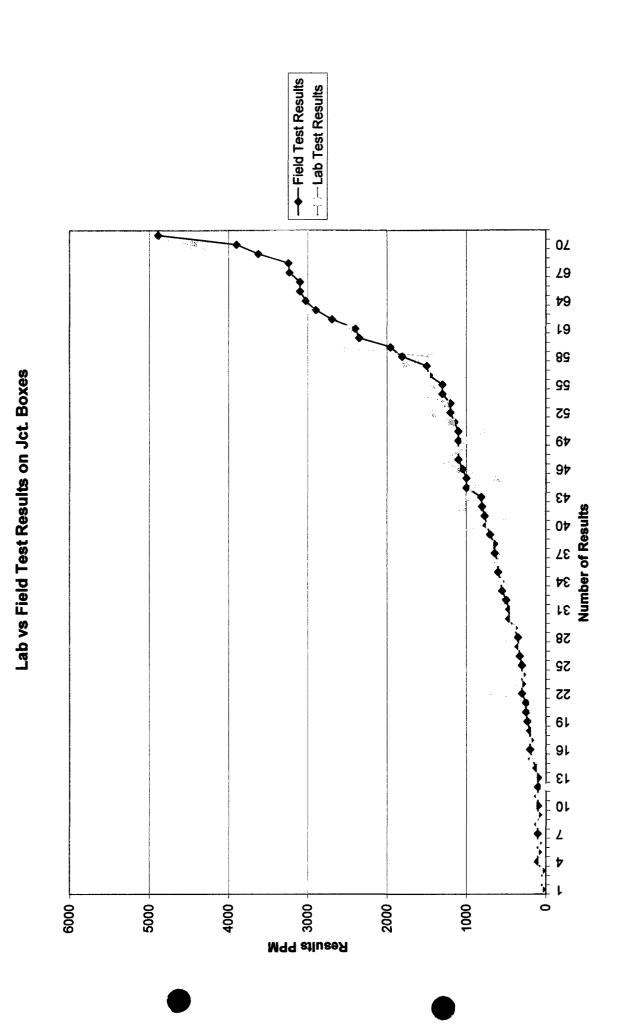
HOBBS SWD SYSTEM Junction Box Upgrade Project Completed Boxes 2002 Final Report and Disclosure Report

Junction	Lega	l Descri	ption	Completion	NMOCD
Box	Sec	T	R	Date	Assessment #
C-25-2	25	18	37	12/6/2002	20
C-33-1	33	18	38	10/28/2002	20
E-5	5	19	38	12/20/2002	20
I-30-1	30	18	38	11/8/2002	20
D-10	10	19	38	11/21/2002	20
D-31-2	31	18	38	12/6/2002	20
E-10-1	10	19	38	12/2/2002	20
Exxon Federal Bowers 'A' EOL	30	18	38	12/6/2002	20
G-19	19	18	38	12/6/2002	20
G-30	30	18	38	11/27/2002	20
G-30-1	30	18	38	12/6/2002	20
H-13	13	18	37	12/6/2002	20
H-30	30	18	38	12/6/2002	20
K-20	20	18	38	11/20/2002	20
Corner H-4	4	19	38	9/1/2002	20
B-3	3	19	38	9/1/2002	20
D-34	34	18	38	9/1/2002	20
E-3-1	3	19	38	9/1/2002	20
E-3	3	19	38	9/1/2002	20
G-3	3	19	38	9/1/2002	20
H-4-1	4	19	38	9/1/2002	20
H-4	4	19	38	9/1/2002	20
I-33	33	18	38	9/1/2002	20
I-33-1	33	18	38	9/1/2002	20
I-33-2	33	18	38	9/1/2002	20
I-33-3	33	18	38	9/1/2002	20
M-27-1	27	18	38	9/1/2002	20
M-27-2	27	18	38	9/1/2002	20
O-21-2	21	18	38	9/1/2002	20





O-34	34	18	38	9/1/2002	20
P-28-2	28	18	38	9/1/2002	20
P-33	33	18	38	9/1/2002	20
B-24	24	18	37	11/11/2002	20
B-9	9	19	38	12/4/2002	20
C-25-1	25	18	37	12/6/2002	20
C-33	33	18	38	11/7/2002	20
E-4-2	4	19	38	11/25/2002	20
A-36-1	36	18	38	12/5/2002	20
K-31	31	18	38	12/6/2002	20
K-32-1	32	18	38	12/11/2002	20
E-5-2	5	19	38	12/20/2002	20
O-4	4	19	38	12/20/2002	20
I-9-1	9	19	38	12/20/2002	20
J-32	32	18	38	12/20/2002	20
K-32	32	18	38	12/20/2002	20
K-29	29	18	38	12/20/2002	20
E-5-1	5	19	38	12/20/2002	20
Tract 5 EOL	9	19	38	12/20/2002	20
C-9	9	19	38	12/20/2002	20
P-25	25	18	37	12/20/2002	20
E-29	29	18	38	12/20/2002	20
B-9-2	9	19	38	12/20/2002	20
E-4-1	4	19	38	12/20/2002	20
O-32	32	18	38	12/30/2002	20
Hardin 'B' EOL	18	18	38	12/30/2002	20
H-32	32	18	37	12/20/2002	20
Graham State 'A' EOL	24	18	37	12/30/2002	20



		Lab vs Field	d Chloride Test Results	· · · · · · · · · · · · · · · · · · ·	
Number of Samples	Location	Date	Bottom, Sidewalls, or Boring	Field Test Results	Lab Test Results
1	BD Jct. P-16-2	1/2/2002	Sidewalls 3'	50	80
2	BD Jct. P-16-2	1/2/2002	Bottom 5'	50	48
3	BD Jct. P-16-4	1/2/2002	Bottom 4'	50	80
4	BD Jct. N-15 North Box	1/25/2002	Soil Boring @ 25'	100	48
5	BD Jct. N-15 South Box	1/2/2002	Bottom 5'	100	128
6	BD Jct. B-22-3	1/2/2002	Sidewalls 3'	100	112
7	BD Jct. B-22-3	1/2/2002	Bottom 6'	100	192
8	BD Jct. P-16-4	1/2/2002	Sidewalls 3'	100	80
9	BD Texaco 'S' EOL	1/10/2002	Sidewalls 2.5'	100	131
10	BD Jct. G-22	1/2/2002	Sidewalls 3'	100	160
11	BD Jct. G-22	1/2/2002	Bottom 4'	100	80
12	EME Jct. B-32	3/19/2002	Soil Boring @ 20'	100	22
13	EME Jct. B-18	2/9/2002	Sidewalls 6'	100	154
14	EME Jct. M-34	3/7/2002	Soil Boring @ 35'	120	71
15	BD Jct. P-16-1	1/2/2002	Sidewalls 2'	175	160
16	BD Jct. H-22	1/2/2002	Bottom 7'	200	98
17	EME Jct. B-18	2/9/2002	Bottom 7'	200	222
18	EME Trio Persons	2/4/2002	Vertical Extent @ 11'	200	142
19	BD Jct. N-29-2	11/7/2002	Bottom 20'	233	142
20	BD Jct. H-22	1/2/2002	Sidewalls 4'	250	166
21	EME Trio Persons	2/4/2002	Sidewalls 5'	250	168
222	BD Jct. N-15 South Box	1/2/2002	Sidewalls 3'	300	656
23	BD Jct. P-16-3	1/28/2002	Sidewalls 5'	300	337
24	BD Texaco 'S' EOL	1/10/2002	Bottom 3'	300	319
25	EME Jct. M-34	3/7/2002	Sidewalls 8'	300	414
26	BD Jct. N-29-2	11/7/2002	Sidewalls 15'	328	142
27	BD Jct. N-29-1	11/7/2002	Sidewalls 3'	343	301
28	EME Trio Persons	2/4/2002	Bottom 6'	350	532
29	BD Jct. I-27	10/15/2002	Remediated Soil	400	417
30	BD Jct. N-29-1	11/7/2002	Remediated Soil	461	408

Number of Samples	Location	Date	Bottom, Sidewalls, or Boring	Field Test Results	Lab Test Results
31	BD Jct. N-29-2	11/7/2002	Remediated Soil	461	408
32	EME Jct. M-34	3/7/2002	Bottom 9'	500	606
33	BD Jct. B-22-2	1/2/2002	Bottom 5'	550	224
34	BD Jct. N-29	11/22/2002	Soil Boring @ 90'	570	576
35	BD Jct N-29 Vent	12/30/2002	Bottom 20'	599	478
36	EME Jct. B-32	3/19/2002	Sidewalls 7'	600	595
37	EME Jct. A-26	12/30/2002	Remediated Soil	641	532
38	EME Jct. B-32	3/19/2002	Bottom 8'	650	698
39	BD Jct. P-16-1	1/2/2002	Bottom 5'	700	1280
40	BD Jct. N-29-1	11/7/2002	Bottom 6'	743	709
41	EME Jct. A-26	12/30/2002	Bottom 10'	769	496
42	BD Jct. E-3	5/20/2002	Sidewalls 8'	800	1050
43	BD Jct. O-17-2	9/19/2002	Bottom 14'	810	975
44	BD Jct. O-17-2	9/19/2002	Sidewalls 13'	1000	922
45	EME Jct. L-1	3/7/2002	Bottom 4'	1000	610
46	BD Jct. G-3	7/27/2002	Bottom 42'	1050	1120
47	BD Jct. N-15 North Box	1/25/2002	Bottom 7'	1100	1260
48	BD Jct. G-3	7/27/2002	Sidewalls 39'	1100	1100
49	BD Jct. F-3	6/7/2002	Bottom 14'	1100	1020
50	EME Jct. L-1	3/7/2002	Sidewalls 3'	1100	798
51	BD Jct. B-22-2	1/2/2002	Sidewalls 3'	1150	1184
52	BD Jct. N-15 North Box	1/25/2002	Sidewalls 4'	1200	1430
53	BD Jct. E-3	5/20/2002	Bottom 9'	1200	1260
54	BD Jct. P-16-3	1/28/2002	Bottom 6'	1300	1500
55	BD Jct. N-16-1	1/4/2002	Sidewalls 4'	1300	1420
56	BD Jct. I-27	10/15/2002	Bottom 15'	1470	1500
57	EME Jct. L-25	2/15/2002	Sidewalls 4'	1500	1760
58	EME Jct. A-26	12/30/2002	Sidewalls 8'	1809	1450
59	BD Chevron Cole 'A'	11/14/2002	Bottom	1956	2560
60	BD Jct. I-27	10/15/2002	Sidewalls 15'	2350	2500
61	BD Jct. N-16-1	1/4/2002	Bottom 6'	2400	2480

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Number of Samples	Location	Date	Bottom, Sidewalls, or Boring	Field Test Results	Lab Test Results
62	BD Jct. N-29	11/22/2002	Soil Boring @ 60'	2696	3190
63	BD Jct. N-29	11/22/2002	Soil Boring @ 70'	2899	3010
64	BD Chevron Cole 'A'	11/14/2002	Sidewalls	3029	3230
65	BD Jct. F-3	6/7/2002	Sidewalls 12'	3100	3630
66	EME Jct. L-25	2/15/2002	Bottom 5'	3100	3830
67	BD Jct. N-29	11/22/2002	Soil Boring @ 84'	3234	3460
68	BD Jct. N-29	11/22/2002	Soil Boring @ 50'	3245	3630
69	BD Jct. N-29	11/22/2002	Soil Boring @ 40'	3626	4160
70	BD Jct. N-29	11/22/2002	Soil Boring @ 80'	3899	4430
71	BD Jct N-29 Vent	12/30/2002	Sidewalls 17'	4889	5140

Lab vs Field Test Results on Jct Boxes

