Closure Report

Prepared for

Oxy USA
P O Box 1988
Carlsbad, NM 88210

MAR 1 3 2009

Righthand Canyon 35 Fee Com #2 API # 30-015-32827 Eddy County, NM

Prepared by Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768 Phone (432) 366-0043 Fax (432) 366-0884

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768 Phone (432) 366-0043 Fax (432) 366-0884

March 3, 2009

NMOCD Attn: Mike Bratcher 1301 W. Grand Ave Artesia, NM 88210

Re: Closure Report for Oxy USA

Righthand Canyon 35 Fee Com #2

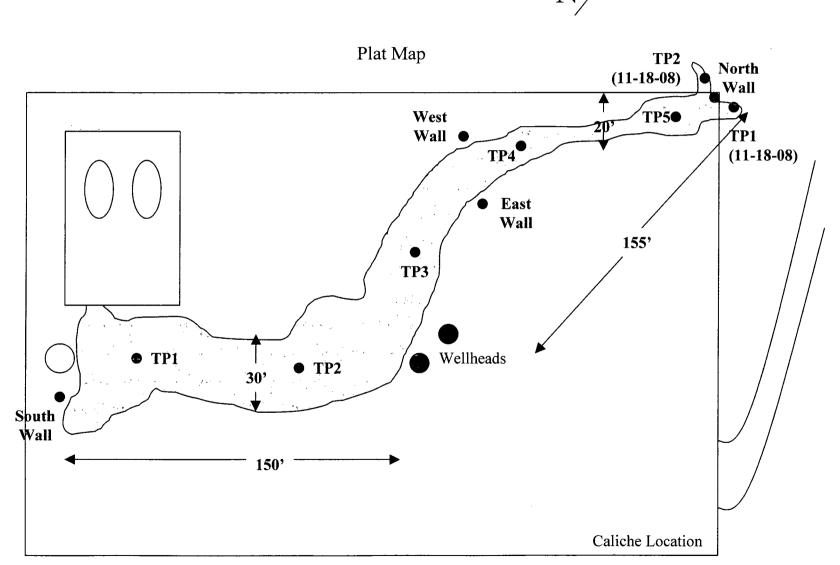
Mr. Bratcher,

Oxy USA contracted Elke Environmental to complete the remediation of the spill at the Righthand Canyon 35 Fee Com #2 site. Kelton Beaird (Oxy) obtained verbal approval from Sherry Bohnam (NMOCD) to excavate only the location area of the spill and not the area off location due to the low chloride levels of the samples retrieved on November 18, 2008. Due to impenetrable rock with the equipment available the vertical remediation of the location was completed to 6" in depth. Lab confirmations were obtained at the 6" depth. Due to the hard rock in the area of the spill Curtis Elam (Elke) obtained verbal approval from Sherry Bohnam (NMOCD) to excavate only 6" in depth on January 22, 2009. The impacted soil was excavated and hauled to CRI Disposal. Clean caliche was backfilled into the excavation. No reseeding was performed due to the area being a caliche pad for a well. Attached is the plat map, field analytical, lab confirmations, disposal tickets, pictures of the project and a Final C-141. If you have any questions about the enclosed report please contact me.

Thanks,

Logan Anderson

Oxy USA Righthand Canyon 35 Fee Com #2



Elke Environmental, Inc.

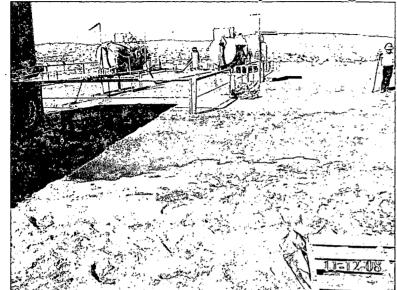
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

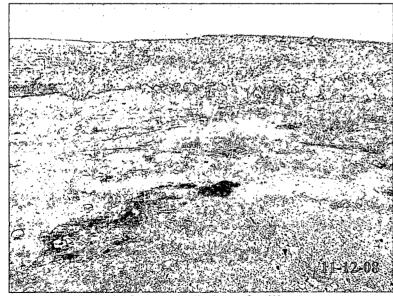
e <u>Righthand</u>	Canyon 35	Fee Con	ı #2			
Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
TP1 (11-18-08)	11-18-08	2"		245		32° 25.945' N 104° 28.435' W
TP2 (11-18-08)	11-18-08	2"		475		32° 25.947' N 104° 28.434' W
North Wall	2-18-09	6"	99	199	0.0	32° 25.945' N 104° 28.436' W
South Wall	2-18-09	6"	75	142	0.0	32° 25.909' N 104° 28.443' W
East Wall	2-18-09	6"	31	262	0.0	32° 25.930' N 104° 28.428' W
West Wall	2-18-09	6"	56	211	0.0	32° 25.937' N 104° 28.442' W
TP1	2-18-09	6"		222	7.9	32° 25.914' N 104° 28.443' W
TP2	2-18-09	6"		261	1.9	32° 25.920' N 104° 28.441' W
TP3	2-18-09	6"		275	3.4	32° 25.925' N 104° 28.440' W
TP4	2-18-09	6"		198	1.6	32° 25.933' N 104° 28.437' W
TP5	2-18-09	6"		2,310	11.4	32° 25.940' N 104° 28.434' W
	:					
·					·	

Analyst Notes Samples for vertical confirmations were analyzed at the lab.

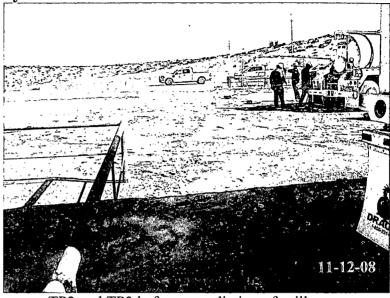
Oxy USA – Righthand Canyon 35 Fee Com #2



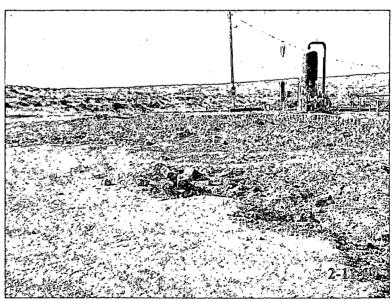
TP1 before remediation of spill.



TP5 before remediation of spill.

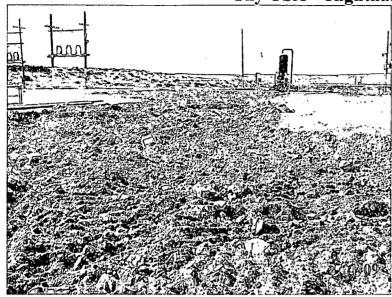


TP2 and TP3 before remediation of spill.



TP1 and TP2 after excavation of 6" of impacted soil.

Oxy USA – Righthand Canyon 35 Fee Com #2



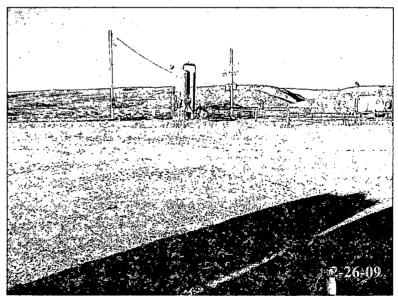
TP2 and TP3 after excavation of 6" of impacted soil.



TP3, TP4 and TP5 after backfill of clean caliche.



TP4 and TP5 after excavation of 6" of impacted soil.



TP1 and TP2 after backfill of clean caliche.

New Mexico Office of the State Engineer POD Reports and Downloads

Township: 21S	Range: 24E	Sections:						
NAD27 X:	Y:	Zone:	SAN	Search Radius:				
County:	Basin:		8010 2011	Number: Suffix:				
Owner Name: (First)		Last) 6 All	. (C Non-Domestic C Domestic				
POD/S	urface Data Repo	ort : Avg	Depth to	o Water Report				
Water Column Report								
	: Clear Form	iWATERS Me	nu	Help				

AVERAGE DEPTH OF WATER REPORT 11/14/2008

					,				(Depth	Water in	Feet)	
	Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	Min	Max	Avg	
	C	21S	24E	02				1	260	260	260 -	
	С	21S	24E	10				1	160	160	160	
	С	21S	24E	20				1	90	90 -	90	
	С	21S	24E	22	•			1	80	80	80	
	С	21S	24E	23				1	50	50	50	
	C	21 <u>S</u>	24E	24				1_	28_	28	28	
	C	215	24E	26				1	150	150	150	ŀ
•	C	215	24E	28				T	83	83	83	
	С	21S	24E	29				1	20	20	20	

Record Count: 9

Closest Groundwater

New Mexico Office of the State Engineer POD Reports and Downloads

Township: 22S Range: 24E Sections:								
NAD27 X: Zone: Search Radius:								
County: Basin: Number: Suffix:								
Owner Name: (First) (Last) C Non-Domestic C Domestic								
POD / Surface: Data: Report Avg: Depth to Water: Report Water Column: Report								
Clear Form WATERS Menu (Help)								

AVERAGE DEPTH OF WATER REPORT 11/14/2008

								(Depth	Water in	Feet)
Bsn	_Two	Rng	Sec	Zone	X	Y	Wells	Min	Мах	Avg
<u>C</u>	_22S	24E	12				2	400	585	493
С	22S	24E	15					100	100	100
C	22S	24E	19				1	218	218	218
C	22S	24E	21				2	400	400	400
С	22S	24E	24		,		1	213	213	213
C	22S	24E	26				1	500	500	500
С	22S	24E	27				. 2	22	22	22
C	22S	24E	30				1	149	149	149
С	22S-	24E	31				1	240	240	240
C	22S	24E	32.				2	245	245	245
С	22S	24E	36				1	22	22	22

Record Count: 16

Closes + Groundwater

Bill to		* No. 2	·
Address	<u>:</u>		,
	·		
Company/Generator	0 × Y		
Lease Name	PITE HARA	34 FOY 50M 12	
Trucking Company	5+6	Vehicle Number 9007 Dr	iver (Print) Bobby
Date 2 24	- 114	Time //: 00	(a.m). / p.m.
* · · · · · · · · · · · · · · · · · · ·	Soils Other Material (List Desi		a <u>50/47</u>
		DESCRIPTION	
		·	
		- CONF	
	······································	5011	
	•		
Volume of Material	Bbls	<u> </u>	Gallons
☐ Wash Out	☐ Call Out	☐ After Hours	☐ Debris Charge
1988 regulatory determin	ording to the Resource Cor nation, the above described	waste is: (Check the appropriate classification	e US Environmental Protection Agency's July
characteristics establis	hed in RCRA regulations, 4	 0 CFR 261.21-261.24, or listed hazardous was 	minimum standards for waste hazardous by aste as defined in 40 CFR, part 261, subpart D, ste is non-hazardous. (Check the appropriate
MSDS Information	RCRA Hazardous Wast	e Analysis 🔲 Process Knowledge 🔲 Ot	her (Provide description above)
CRI Approval#			
Agent Fall	1 Harrison		
Agent (Signature)			
CRI Representative	(Signature)	little-	
TANK BOTTOMS	Feet Inche		and the second s
1st Gauge	, cot more	BS&W/BBLS Received	BS&W %
2nd Gauge		Free Water	·
Received		Total Received	

Form C138

White - CRI

Canary - CRI Accounting

Pink - CRI Plant

212935

NMOCD Order R9166

Bill to			•
Address			
Company/Generator	Dei	# ~	•
Lease Name Pigl	at hand con	you For com	
Trucking Company 1	5+1	Vehicle Number 9407	Driver (Print) Solohy
Date 2/3	4/09	Time 2:56	′a.m. / p/m.
_	<u>.</u>	Type of Material	,
	Soils		50/1
☐ Tank Bottoms	1 Other Material (List Des		rea <u>39/5</u>
		DESCRIPTION	
			-521/
	and the second s		· · · · · · · · · · · · · · · · · · ·
San			
<u> </u>			
Volume of Material	☐ Bbls.		☐ Gallons
Wash Out	☐ Call Out	After Hours	☐ Debris Charge
1988 regulatory determ RCRA Exempt: O waste. RCRA Non-Exem characteristics establi as amended. The foll items)	ording to the Resource Corination, the above described if field wastes generated from the control of the contro	waste is: (Check the appropriate classification oil and gas exploration and production non-hazardous that does not exceed to 0 CFR 261.21-261.24, or listed hazardous ched to demonstrate the above-described	I the US Environmental Protection Agency's July cation) In operations and are not mixed with non-exempt the minimum standards for waste hazardous by a waste as defined in 40 CFR, part 261, subpart D, waste is non-hazardous. (Check the appropriate
	☐ RCRA Hazardous Wast	e Analysis 🔲 Process Knowledge 🔲	Other (Provide description above)
Agent Signature)	y Aguand		
CRI Representative	(Signature)	fyneponeld.	7
TANK BOTTOMS	Feet Inche	·	
1st Gauge		BS&W/BBLS Received	BS&W %
2nd Gauge	·	Free Water	
Received		Total Received	

213000

Form C138 White - CRI

Canary - CRI Accounting

Pink - CRI Plant

Bill to				·	
Address			·		
		······································			
Company/Generator	$$ \bigcirc \times γ	<i>i</i> / 1/	<u>, </u>		1
Lease Name		1 Cist Hans) saujon	/Ex on	<u>, #2</u>
Trucking Company	<u> 5-c</u>	Vehicle Numb	er gard	Driver (Print)	130/064
Date > > 5			Time	3.78	/a.m. / p.m.
· · · · · · · · · · · · · · · · · · ·	2 Soils		Material		
☐ Tank Bottoms	Other Material	(List Description Below)	Receiving	g Area <i>\\</i>) 5/
		DESC	RIPTION		
					
					· . · <u>- </u>
			1		
14			!		
			·		,
Volume of Material	Bbls		☑ Yard	· X	Gallons
☐ Wash Out	Call Out	. ·	☐ After Hours		☐ Debris Charge
I hereby certify that acc 1988 regulatory determi	ording to the Resou	RATOR CERTIFICATION arce Conservation and Recessribed waste is: (Check to	covery Act (RCRA) a	and the US Environm	nental Protection Agency's Ju
waste. RCRA Non-Exem characteristics establis	pt: Oil field waste v shed in RCRA regul	which is non-hazardous thations, 40 CFR 261.21-261	nat does not exceed	d the minimum stan	are not mixed with non-exendards for waste hazardous in 40 CFR, part 261, subpart ardous. (Check the appropria
	□ RCRA Hazardo	ous Waste Analysis 🚨 Pr	ncess Knowledge	Othor (Provide de	occription above)
☐ CRI Approval #	NOI O THAZAI GO	as viusto / marysis - 🖴 1 i	ocess Micwicage	Cities (F10vide de	escription above)
CIVI Approval #	1.	1	1	Park Marie Committee Commi	
Agent (Signature)	THURE	4		-)	
CRI Representative			- 2	m M	
, or a representative .	(Signature)				**
TANK BOTTOMS	ar and American Const.	en e		and the state of t	
	Feet	Inches		<u> </u>	
1st Gauge		BS	&W/BBLS Receive	ed	BS&W
2nd Gauge			Free Wat	er	
Received			Total Receive	ed	

Form C138

White - CRI

Canary - CRI Accounting

Pink - CRI Plant

213183

NMOCD Order R9166

				and the second s		
OVY			۱ 		· · · · · · · · · · · · · · · · · · ·	
<u> </u>	LLAS	Muand	Caryon	35 FEE	Com	2
5:1		Vehicle Number	9467	Driver (Print)	Service	Bobby
-09	·		Time	9:15		a.m. / p.m.
		Type of N	/laterial			
Soils				50	5 Pm.s	
Other Materia	l (List Descrip	otion Below)	Receiving	Area	<u> </u>	
		DESCRI	PTION	Casan	1 So. 1	
·						
······································						
	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		
			 			
☐ Rhle	· .		Vard 1X		Callons	
						orge
					CONS ONE	ingo
rding to the Res ation, the above	ource Conse described w	ervation and Reco	very Act (RCRA) ar e appropriate classif	nd the US Environm fication)		
			·			
hed in RCRA reg	ulations, 40 (CFR 261.21-261.2	24, or listed hazardou	us waste as defined	in 40 CFR, part	261, subpart D,
RCRA Hazaro	dous Waste	Analysis 🔲 Pro	cess Knowledge	Other (Provide de	escription above)
						,
Λ	٠					
13612	er C			<u> </u>		
•			10	MA	L.	
(Signature)				cic le	207_	\
Feet	Inches					
		BS8	W/BBLS Received	d	BS&W	%
	······································	<u> </u>	⊢ree Wate	er	<u> </u>	
			Total Receive	d .		
	Soils Other Materia Bbls. Call Out GEN rding to the Res ation, the above field wastes ger t: Oil field waste med in RCRA reg wing documentat RCRA Hazard	Soils Other Material (List Descrip Bbls. Call Out GENERATOR Cl rding to the Resource Conse ation, the above described w field wastes generated from t: Oil field waste which is n ned in RCRA regulations, 40 wing documentation is attach RCRA Hazardous Waste	Vehicle Number Type of N Soils Other Material (List Description Below) DESCRI Bbls. Call Out GENERATOR CERTIFICATION S' rding to the Resource Conservation and Reco ation, the above described waste is: (Check the field wastes generated from oil and gas explo t: Oil field waste which is non-hazardous tha ned in RCRA regulations, 40 CFR 261.21-261.2 wing documentation is attached to demonstrate RCRA Hazardous Waste Analysis Proc (Signature) Feet Inches	Vehicle Number 7,077 Time Type of Material Soils Other Material (List Description Below) Receiving DESCRIPTION DESCRIPTION After Hours GENERATOR CERTIFICATION STATEMENT OF WArding to the Resource Conservation and Recovery Act (RCRA) as ation, the above described waste is: (Check the appropriate classifield wastes generated from oil and gas exploration and productions to the RCRA regulations, 40 CFR 261.21-261.24, or listed hazardowing documentation is attached to demonstrate the above-described with the above-described waste which is non-hazardous that does not exceed the company of the c	Vehicle Number 7,07 Driver (Print) Time Type of Material Soils Other Material (List Description Below) Receiving Area DESCRIPTION DESCRIPTION GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS reding to the Resource Conservation and Recovery Act (RCRA) and the US Environmation, the above described waste is: (Check the appropriate classification) field wastes generated from oil and gas exploration and production operations and a to: Oil field waste which is non-hazardous that does not exceed the minimum staned in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined wing documentation is attached to demonstrate the above-described waste is non-hazar RCRA Hazardous Waste Analysis RCRA Hazardous Waste Analysis Process Knowledge Other (Provide de Lagrand Control of the Control	Vehicle Number 9 207 Driver (Print) Type of Material Soils Other Material (List Description Below) Receiving Area DESCRIPTION DESCRIPTION Gallons Gallons Debris Che GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS rding to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protector atton, the above described waste is: (Check the appropriate classification) field wastes generated from oil and gas exploration and production operations and are not mixed w to Oil field waste which is non-hazardous that does not exceed the minimum standards for waste red in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part wing documentation is attached to demonstrate the above-described waste is non-hazardous. (Check: RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) Adapted Gignature BS&W/BBLS Received BS&W Free Water BS&W/BBLS Received BS&W

213060

Bill to					
Address	<u> </u>			· · · · · · · · · · · · · · · · · · ·	
Company/Generator				<u> </u>	
Lease Name	! Kighe	I fland Conyon 35 7	TEE Com-		
Trucking Company	5.6	Vehicle Number 9407	Driver (Print)	LSobby	,:
Date 2.55%	<u>) 5</u>	Time	11:65	a.m./	p.m.
		Type of Material		.	
	Soils		, , , , , , , , , , , , , , , , , , ,		
☐ Tank Bottoms	Other Material (List De	·····	g Area	3	
		DESCRIPTION	1	<u> </u>	
					 .
					· · ·
				·	·
•					
Volume of Material	☐ Bbls	(Yard		☐ Gallons	
☐ Wash Out	☐ Call Out	☐ After Hours		☐ Debris Charge	
	ording to the Resource Co	R CERTIFICATION STATEMENT OF WARD	and the US Environm	ental Protection Agen	cy's July
RCRA Exempt: Oi waste.	I field wastes generated fr	rom oil and gas exploration and produc	tion operations and a	are not mixed with nor	n-exempt
characteristics establis	shed in RCRA regulations,	is non-hazardous that does not exceet 40 CFR 261.21-261.24, or listed hazardo ached to demonstrate the above-describ	ous waste as defined	in 40 CFR, part 261, st	ubpart D,
•	RCRA Hazardous Was	ste Analysis Process Knowledge	Other (Provide de	escription above)	
CRI Approval #		· ·	•		
1/1	1.1			1	
Agent (Signature)	1 Kynand				
CDI Damasantativa	•		-		
CRI Representative	(Signature)	- No.	- Cas Torr		
TANK BOTTOMS	ignores Anno a marchine de la companya de l	and the second s	antin kanatan antin dipendina kantasa d	a construction of the second	or services and the
	Feet Inche	es		· _p	
1st Gauge		BS&W/BBLS Receive	ed ·	BS&W	%
2nd Gauge		Free Wat	er		
Received		Total Receive	ed	·	

213118

Bill to							· · · · · · · · · · · · · · · · · · ·
Address		·	· · ·				
							· · · · · · · · · · · · · · · · · · ·
Company/Generator	<u> </u>			·			
Lease Name	1	160-let	Hudad (· mnyon	5 13	E (3 m	
Trucking Company	Chiz	Vel	icle Number	974	Driver (Print)	900 Jal	Undon.
Date 2- 25	-04		.7	ime	5.16	<u> </u>	ьт. / р.т.
*.			Type of M	aterial	·		
	⊇r Šoils				. 50-7	and the second s	
Tank Bottoms	Other Materi	al (List Description		Receiving	Area	2,	
		····	DESCRIP	TION	(on l	<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	
		······································					
	a programme to						·······
		······································					
				,			
Volume of Material	D Bbls			⊒ Yard / &		☐ Gallons	
☐ Wash Out	Call Out		[After Hours		Debris Char	rge
I hereby certify that acc 1988 regulatory determ RCRA Exempt: O waste. RCRA Non-Exem characteristics establias amended. The foll items)	cording to the Resination, the above il field wastes genter to the control of the cord in	source Conserva e described waste nerated from oil te which is non-l gulations, 40 CFF	tion and Recoversis: (Check the and gas explorance that 261.21-261.24	appropriate classif ation and producti does not exceed or listed hazardo	nd the US Environr fication) on operations and the minimum star us waste as defined	are not mixed wit ndards for waste I in 40 CFR, part 2	h non-exempt hazardous by 61, subpart D,
☐ MSDS Information	RCRA Hazai	rdous Waste Ana	ysis 🔲 Proce	ess Knowledge	Other (Provide d	escription above)	
CRI Approval #			···				
Agent Gran	de san	- (a		·		·	
(Signature)	44.	1			\sim 1	<i></i>	
CRI Representative				10.00	VI \can	<u> </u>	
•	(Signature)						
TANK BOTTOMS		to also a		man in the second of the second of the second	to at a sure and to consequence and	And the same of th	teach reflect to the leading the of the
	Feet	Inches				T	
1st Gauge			BS&V	V/BBLS Receive	d	BS&W	%
2nd Gauge				Free Wate	er		
Received				Total Receive	d		

213061

Form C138 White - CRI

Canary - CRI Accounting

Pink - CRI Plant

NMOCD Order R9166

Bill to								
Address								
								
Company/Generator		4		<u> </u>				<i>C</i> ;
Lease Name	·	12.36	f Chan	<u>()</u> (u	711-	THE TELL	E- / 83/12	<u> 2 - </u>
Trucking Company	Chilia	Vet	nicle Number	947	Driver	(Print)	· had m	
Date	5.09	· · · · · · · · · · · · · · · · · · ·		Time		177	a <u>.</u>	m. / p.m.
-			Type of M	laterial				
Fluids	Soils			_		50 5	7	
☐ Tank Bottoms	Other Materi	al (List Description			iving Area _	70.31		
• .	-		DESCRI	PTION	102	<u>/) s-/</u>	······································	·
				<u> </u>				
				<u> </u>				
						*		
					· · · · · · · · · · · · · · · · · · ·			
Volume of Material	☐ Bbls			Yard	70/8		Gallons	
☐ Wash Out	☐ Call Out			☐ After Ho	ırs		Debris Charg	 1e
1988 regulatory deter RCRA Exempt: waste. RCRA Non-Exectoracteristics esta as amended. The form	Oil field wastes ge empt: Oil field wast blished in RCRA re	nerated from oil to the which is non-light gulations, 40 CFR	and gas explonazardous tha	ration and pro t does not ex 4, or listed ha	oduction operations of the control o	imum standai as defined in	rds for waste h 40 CFR, part 26	azardous by 31, subpart D,
items)								
MSDS Information	RCRA Hazai	rdous Waste Anal	lysis 🖵 Prod	ess Knowledg	ge 🖵 Other	(Provide desc	cription above)	
CRI Approval #		. //						
Agent Grad	ndo Da	ر العالم العالم	A			٠	<i></i>	
(Signature	9)					41		
CRI Representative					Line	MAG.	7	
	(Signature)					•		
TANK BOTTOMS	Enat	Inches	CONTRACTOR STATE	to the South English to the South South	eri i da septembro e la		a service and the service of the ser	Note that the second second
1st Gauge	Feet	Inches	BS&	W/BBLS Re	ceived		BS&W	%
2nd Gauge				Free	Water			
Received				Total Re	ceived			
•	Form C439	·					213	1119

Bill to			****		
Address					
Company/Generator	Charles				.,,
Lease Name	. :(I del Malond Cas	17137 35	F65-(on-	7
Trucking Company	<u> </u>	Vehicle Numbe	r 974	Driver (Print) Saloa	de_
Date	ر <u>۶</u>	······································	Time	3.oz	a.m. / p.m.
		Type of I	Viaterial		·
☐ Fluids ☐	Soils		.	A company of the second	
☐ Tank Bottoms ☐	Other Material	(List Description Below)	Receiving /	Area	
		DESCR	PTION	BUL 25.1	
	· · · · · · · · · · · · · · · · · · ·				,
					, , , , , , , , , , , , , , , , , , , ,
					
<u> </u>					
			1		
Volume of Material	☐ Bbls		Yard /	Gallor	ns
☐ Wash Out	☐ Call Out		☐ After Hours	☐ Debris	s Charge
1988 regulatory determin RCRA Exempt: Oil waste. RCRA Non-Exemp characteristics establisl	rding to the Reso ation, the above of field wastes gene t: Oil field waste ned in RCRA regu	described waste is: (Check the erated from oil and gas explorated from oil and gas explorated which is non-hazardous the lations, 40 CFR 261.21-261.	overy Act (RCRA) and e appropriate classification and production at does not exceed 24, or listed hazardou	d the US Environmental Prot	ked with non-exempt waste hazardous by part 261, subpart D,
☐ MSDS Information □	RCRA Hazard	ous Waste Analysis 🔲 Pro	cess Knowledge	Other (Provide description a	above)
CRI Approval #					
Agent The miant	1 8 0	1			
(Signature)	E Start Daniel Start Sta	7			
CRI Representative _				, Massa	<u> </u>
	(Signature)				
TANK BOTTOMS	Feet	Inches	The second of the second of the second	And the second of the second o	e e o e o cambon e de la composição de l
101 00000	1 661		NA/IDDL C Danaire	J D0014	0/
1st Gauge		. BS6	W/BBLS Received	BS&W	%
2nd Gauge			Free Water	r	The second secon
Received			Total Received	d	

213175

NMOCD Order R9166

Bill to		· · ·	•				
Address				· · · · · · · · · · · · · · · · · · ·			
			<u> </u>	· · · · · · · · · · · · · · · · · · ·			
Company/Generato	r Oxy	····	· · · · · · · · · · · · · · · · · · ·	·			
Lease Name		_16	Himsto	770m ?	5 15001	() en - Z	
Trucking Company	0,4:5	\	/ehicle Number	974	Driver (Print)	Salumdi	21
Date 🤰 🤰 😓	-09			Time	<u> </u>	35	a.m. / p.m.
			Type of N	aterial			
☐ Fluids	Soils			D	•	2351	
☐ Tank Bottoms	Other Mater	I al (List Descript			g Area	1 (1	
			DESCRI	TION	· Can	1 35	<u>,</u>
 			····		·		
							
			·.	-	 		
Ý							
		Ship to A				,	
Volume of Material	🚨 Bbls		- 19 1	🗹 Yard 🏄 🎸		☐ Gallons _	
☐ Wash Out	Call Out		-	☐ After Hours	•-	Debris Cl	harge
I hereby certify that a 1988 regulatory determined in RCRA Exempt: waste. RCRA Non-Excharacteristics estates as amended. The fitterns)	ccording to the Re mination, the above Oil field wastes ge empt: Oil field was blished in RCRA re	source Conser e described wa enerated from content te which is no gulations, 40 C	vation and Recovered in the steel is: (Check the steel is: (Check the steel in the	appropriate class ration and produc does not exceed t, or listed hazardo	and the US Environant the US Environant tion operations and the minimum stous waste as defined.	d are not mixed andards for was ed in 40 CFR, pa	with non-exempt te hazardous by rt 261, subpart D,
MSDS Information	n 🔲 RCRA Haza	rdous Waste A	nalysis 🖵 Prod	ess Knowledge	Other (Provide	description abov	/e)
CRI Approval # _			_	· ,	·	·	,
	1	8 1	10				
Agent(Signatur	e) TA	broker			· · · · · · · · · · · · · · · · · · ·		
CRI Representative	,				Can	Ma	A Company
•	(Signature)	•					
TANK BOTTOMS	and the second second		The Committee of the Co	A STATE OF STATE OF	e e e e e e e e e e e e e e e e e e e	w	2. 25. 1.1.6. 1.30. 2
	Feet	Inches					······
1st Gauge			BS&V	N/BBLS Receive	ed	BS&W	%
2nd Gauge				Free Wat	er		
Received	·			Total Receive	ed		
						_	

213263

Form C138

Bill to						
Address						
Company/Generator	2+4	······································	42			
Lease Name Z	of hand	Carryon	FOR COM	<u>-</u>		
Trucking Company 🦯	Franco	Vehi	cle Number 97	Driver (Print)	Baltone	
Date 2/24	109		Time 🧷 🔞	3	a.r	n. / p/m.
/ " . ".	/	•	Type of Material			
	2 Soils				1-1	
☐ Tank Bottoms	Other Material	(List Description E		ng Area <u>5</u>	73 /	
· · · · · · · · · · · · · · · · · · ·			DESCRIPTION		,	
				= # Soll		
				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
					, ,	
			 			
						
Volume of Material	☐ Bbls		Ø´Yard/	5	Gallons	
☐ Wash Out	☐ Call Out		☐ After Hours	3	☐ Debris Charg	e
1988 regulatory determition RCRA Exempt: Of waste. RCRA Non-Exemplian Characteristics established	ording to the Reso nation, the above d il field wastes gene pt: Oil field waste shed in RCRA regu	urce Conservation escribed waste in erated from oil an which is non-halations, 40 CFR 2	FICATION STATEMENT OF Von and Recovery Act (RCRA is: (Check the appropriate claim digas exploration and product a cardous that does not except 261.21-261.24, or listed hazard demonstrate the above-description.) and the US Environ ssification) action operations and ed the minimum standous waste as define	d are not mixed with andards for waste ha ed in 40 CFR, part 26	non-exempt azardous by I, subpart D,
☐ MSDS Information	RCRA Hazardo	ous Waste Analy	sis D Process Knowledge	Other (Provide	description above)	
CRI Approval #	•					
17 07	- 1					
Agent (Signature)	30x 5 fr	WALE				· ·
CRI Representative	(Signature)	7 (427 G)	In Sal.			
TANK BOTTOMS			en de la companya de	en e		a. spangtona iz wyjnany
· · · · ·	Feet	Inches				
1st Gauge			BS&W/BBLS Rece	ived	BS&W	%
2nd Gauge			Free W	ater ater		
Received	ş		Total Rece	ived		
				· · · · · · · · · · · · · · · · · · ·		

212996

Bill to	<u> </u>					
Address						
Company/Generato	<u>r 0 × y </u>					
Lease Name	RITE HAND	34 F68	< Cm1 . # Z			
Trucking Company	R. FRANCO	Vehicle Number		Driver (Print) 🌈	DUTALAR	
Date 7 26	1-09	1	Time 1/7.00	2	4	a.m. / p.m.
	_/·	Type of M	aterial			
Fluids	Soils		The state of the s	م ا	21.	
☐ Tank Bottoms	Other Material (L		Receiving /	Area	75)	
		DESCRIP	TION		3.4	
				·		·
		C (1)	7			<u> </u>
			507			
						
					· · · · · · · · · · · · · · · · · · ·	
			1 10			
Volume of Material	☐ Bbls		2 Yard		☐ Gallons	
☐ Wash Out	☐ Call Out		After Hours	į	Debris Cha	ırge
	GENER	ATOR CERTIFICATION STA	ATEMENT OF WAS	TE STATUS		
		ce Conservation and Recoversities waste is: (Check the			ental Protection	Agency's July
<u> </u>		ited from oil and gas explor	• • •	•	re not mixed wi	th non-exempt
characteristics esta	iblished in RCRA regulat	hich is non-hazardous that tions, 40 CFR 261.21-261.24 is attached to demonstrate t	, or listed hazardou	s waste as defined i	n 40 CFR, part 2	261, subpart D,
,	n 🔲 RCRA Hazardou	s Waste Analysis 🔲 Proce	ess Knowledde 🗍	Other (Provide de	scription above	
☐ CRI Approval # _	. — Norottialardou	- Troot	oo mowedge 🛥	Other (Frevide de	somption above,	
CKI Approvar# _	11 -1					
Agent (Signature	Mason f	HEALE			·····	
		D. 1/1	•			
CRI Representative	(Signature)	MANA				
TANK BOTTOMS				on the first formula to contrate the second second	*****************	
TARK BOTTOMS	Feet	Inches				
1st Gauge		BS&V	V/BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

White - CRI

Form C138

Canary - CRI Accounting

Bill to						
Address		<u> </u>			· · · · · · · · · · · · · · · · · · ·	
			·			
Company/Generator	$O \times c$	<u>/</u>	· · · · · · · · · · · · · · · · · · ·			
Lease Name	RITE'	HHAD 35	FEE COM	# 7		
Trucking Company	P+P	Vehicle Nu	umber $\widehat{\mathcal{J}} \sim I$	Driver (Print)	7056	
Date 2.211.	-09		Time $I(0,3)$	2	<u> </u>	.m. / p.m.
	Soils Other Materia	(List Description Below)	e of Material Receiving A	rea5	0/57	
	***************************************	DE	SCRIPTION		the plan	<u> </u>
			CONT	anga kacamatan pa		
						
					\$	
Volume of Material	🔲 Bbls		/\sqrt{\Omega} Yard <u> </u>		☐ Gallons	
☐ Wash Out	Call Out		☐ After Hours		Debris Charg	ge
1988 regulatory determing RCRA Exempt: Oil waste. RCRA Non-Exemplian Characteristics established	ording to the Reso nation, the above il field wastes gen pt: Oil field waste shed in RCRA regu	ource Conservation and described waste is: (Ch erated from oil and gas which is non-hazardo ulations, 40 CFR 261.21	ON STATEMENT OF WAS I Recovery Act (RCRA) and eck the appropriate classific exploration and production us that does not exceed the 261.24, or listed hazardous extrate the above-described	the US Environ ation) n operations and the minimum states waste as define	l are not mixed with ndards for waste h d in 40 CFR, part 26	non-exempt nazardous by 11, subpart D,
☐ MSDS Information	RCRA Hazard	ous Waste Analysis	Process Knowledge	Other (Provide	description above)	
CRI Approval #						
Agent (Signature)	Bejorgif					
CRI Representative _	(Signature)	White				
TANK BOTTOMS	And the second s	and a standard from a finite state of the action of the state of the s	49 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	The second section of the second seco		
: -	Feet	Inches				
1st Gauge		`	BS&W/BBLS Received		BS&W	%
2nd Gauge			Free Water			
Received			Total Received			

Form C138

White - CRI

Canary - CRI Accounting

Pink - CRI Plant

Bill to						
Address				·		
						ters
Company/Generator	0x1/	·	•	· · · · · · · · · · · · · · · · · · ·		
Lease Name	herd co	nyon Fee	com +2			
Trucking Company P	<u>+ P</u>	Vehicle Numb		Driver (Print)	Dose	
Date 3/34/	29 0	·	Time 2:15			a.m. / p./n.
· · · · · · · · · · · · · · · · · · ·].	Type of	Material			·. '
	Soils		B. Maria	Area 50/	(51	
☐ Tank Bottoms ☐	Other Material (List		Receiving	Area		
·		DESCI	RIPTION			
		·	<u> </u>	17 50cl	·	
						
						
						·····
				:		,
Volume of Material	☐ Bbls		☑ Yard/ 8		☐ Gallons _	
☐ Wash Out	☐ Call Out		After Hours	•	Debris Ch	narge
waste. RCRA Non-Exemple characteristics establis	ording to the Resource nation, the above descording to the above descording to the field waste which hed in RCRA regulations.	TOR CERTIFICATION CONSERVATION AND CONSE	covery Act (RCRA) are the appropriate classiful ploration and production that does not exceed 1.24, or listed hazardou	nd the US Environ (cation) on operations and the minimum starus waste as defined	are not mixed vendards for wast	with non-exempt e hazardous by t 261, subpart D,
☐ MSDS Information	RCRA Hazardous	Waste Analysis 🔲 Pi	ocess Knowledge	Other (Provide o	lescription abov	e) ·
CRI Approval #					e.	
Agent (Signature)	ejovono				·	
CRI Representative _	(Signature)	Am	Don l		·	
TANK BOTTOMS	t taat god - exclusedo anal till oldringen til albeide i da	en e	enter detailed for the control of th	e de la productiva de la participação de empresa de la composição de la composição de la composição de la comp	e en en en parente altra les persones de Miller	And and the second state of the first second second
[<u>Feet</u> Ir	nches				* · · · · · · · · · · · · · · · · · · ·
1st Gauge		BS	&W/BBLS Received	d	BS&W	%
2nd Gauge			Free Wate	r		
Received			Total Received	d ·		
			2	· · · · · · · · · · · · · · · · · · ·		

Bill to		a salah maganasan salah salah da			· · · · · · · · · · · · · · · · · · ·			
Address		<u></u>	·					
		·	,					
Company/Generator	<u> </u>	7	1/			, , , , , , , , , , , , , , , , , , ,	1	
Lease Name	5.55	1,)), +c	Vahiala Numba	111000		Tele (Dale	-20 2	
Trucking Company	·		Vehicle Numbe			Driver (Prin	t) <u>To sc</u>	
Date > _> s -	<u>5</u>		Type of I	Time		463 Q p		a.m./ p.m.
•	☐ Soils ☐ Other Mate	rial (List Descr	Type of I	•	eceiving	Area	<u> </u>	
·			DESCRI	PTION			and - 501	7
	·	······································						
		·		+				
		·						
				1				
Volume of Material	☐ Bbls			Q∕ Yard _	17		Gallons	
☐ Wash Out	Call Ou	ut		☐ After	Hours		Debris (Charge
I hereby certify that accided 1988 regulatory determined RCRA Exempt: Oi waste. RCRA Non-Exemplication RCRA Non-E	ording to the R nation, the abo il field wastes o pt: Oil field wa shed in RCRA r owing documen	esource Cons ve described v generated from ste which is a egulations, 40 tation is attack	waste is: (Check the noil and gas explosion non-hazardous the CFR 261.21-261.2 ned to demonstrate	overy Act (Fe appropria pration and at does not 24, or listed the above	RCRA) ar te classif production exceed hazardou describe	nd the US Envi ication) on operations of the minimum us waste as def d waste is non	and are not mixed standards for wa fined in 40 CFR, p -hazardous. (Che	d with non-exempt ste hazardous by art 261, subpart D, ck the appropriate
•	CI KCKA riaz	ardous waste	Analysis 🖵 Pro	cess know	eage 🖵	1 Other (Provi	de description abo	ove)
CRI Approval #	? `				a			
Agent (Signature)	Dejoire	(W)	4			<u> </u>		
CRI Representative	(Signature)				- Like	<u> </u>	C. Co	2
TANK BOTTOMS	er er misse er i er er er er	or the second of	the constant of the constant o				e garage manager manager to teleproper	in the second of
	Feet	Inches						•
1st Gauge			BS8	W/BBLS I	Received	d l	BS&W	%
2nd Gauge				Fr	ee Wate	r		
Received				Total I	Received	d		

213108

Form C138 White - CRI

Canary - CRI Accounting

Pink - CRI Plant

Bill to		·		
Address				
Company/Generator	<u> </u>			
Lease Name	17:10	L land Carren	35 FEE	Can ==
Trucking Company	DIP 1	Vehicle Number 5-1,	Driver (Print)	512
Date Seg	.04	Time	2:25	a.m. / p.m.
	·	Type of Material		. 1
	☑ Soils ☑ Other Material (List Desci	ription Below) Receiving	y Area	
		DESCRIPTION		
				·
		- class	·	
Volume of Material	☐ Bbls.	Q_Yard	D. Co	llons
■ Wash Out	☐ Call Out	☐ After Hours		bris Charge
• Wash Out	•			bris Criarge
1988 regulatory determi	ording to the Resource Cons nation, the above described to	CERTIFICATION STATEMENT OF WAS servation and Recovery Act (RCRA) a waste is: (Check the appropriate class	and the US Environmental Fification)	
RCRA Exempt: Oi waste.	I field wastes generated fror	n oil and gas exploration and produc	tion operations and are not	mixed with non-exempt
characteristics establis	shed in RCRA regulations, 40	non-hazardous that does not exceed CFR 261.21-261.24, or listed hazardo hed to demonstrate the above-describ	ous waste as defined in 40 C	FR, part 261, subpart D,
☐ MSDS Information	RCRA Hazardous Waste	Analysis Process Knowledge	Other (Provide description	on above)
CRI Approval #				
Agent Jacoburg	Djarona	en e		
(Signature)	,		H = H	
CRI Representative	(Signature)		1 de Allerts	<u> </u>
TANK BOTTOMS				· · · · · · · · · · · · · · · · · · ·
	Feet Inches			
1st Gauge		BS&W/BBLS Receive	ed BS8	kW %
2nd Gauge		Free Wat	er	
Received		Total Receive	ed	

Form C138 White - CRI

Canary - CRI Accounting

Pink - CRI Plant

THE COLOR PRINTER - #7521

Bill to							
Address							
Company/Generator		· · · · · · · · · · · · · · · · · · ·			<u> </u>		
Lease Name	12:	sht Ma	ad Char	62 35	Fee Com	·# 2.	
Trucking Company 1	2,17		icle Number)- 1 ·	Driver (Print)	Jose	· · · · · · · · · · · · · · · · · · ·
Date 255	-		Tir	ne	8.0		a.m. / p.m.
			Type of Mar	erial		· ************************************	
	☑ Soils ☑ Other Material	(List Description		Receiving	Area50-	51	
·			DESCRIPT				
		*					
				ļ			
	:			<u> </u>		· · · · · · · · · · · · · · · · · · ·	
						,,, ,,, ,,,,	
		· · · · · · · · · · · · · · · · · · ·					
Volume of Material	☐ Bbls		Z	Yard X	M	☐ Gallons _	, , , , , , , , , , , , , , , , , , ,
☐ Wash Out	☐ Call Out			After Hours		☐ Debris Ch	arne
I hereby certify that acc 1988 regulatory determ RCRA Exempt: C waste. RCRA Non-Exemplication characteristics estable as amended. The following.	ination, the above of hil field wastes gene hpt: Oil field waste ished in RCRA regu	lescribed waste erated from oil a which is non-h lations, 40 CFR	is: (Check the ap and gas exploration azardous that do 261.21-261.24, o	propriate classi on and producti oes not exceed or listed hazardo	fication) ion operations and a the minimum stan us waste as defined	are not mixed vidently dards for wasting for wasting for the control of the contr	with non-exempt e hazardous by t 261, subpart D,
MSDS Information	RCRA Hazardo	ous Waste Analy	sis 🗖 Proces	Knowledge C	Other (Provide de	escription above	e)
CRI Approval #						•	
				•			
Agent(Signature)				*	: \	1	
CRI Representative	(Signature)	ejara vê)) 1	Carto	tac . h	-
TANK-BOTTOMS	, ag a gapa A tha an	Najawi i dawan anggayayaya na na na dawan sa sa	nga 1888 ki nobemba 1995 alia na 1998 kielikaka ka na 1998 kielik	e April a salar a a a calabata di April a di	u kaja su majajuju njara kali i makenda a njenjeko aka a a pomiji na izvojeka.	no, on sugare sign or properties to	The second sec
	Feet	Inches					
1st Gauge			BS&W/	BBLS Receive	d	BS&W	%
2nd Gauge				Free Wate	er		
Received				Total Receive	d .		
						04	2050

STANDA

White - CRI

Form C138

Canary - CRI Accounting

Pink - CRI Plant

Bill to				· · · · · · · · · · · · · · · · · · ·			
Address				· .			
Company/Generator	<u>0xy</u>	·	,				
Lease Name	13	2 is h	[[]	nd (mn/g	m 15 F	FEG CON	2
Trucking Company	2:0		Vehicle Num	ber - Ţ i	Driver (Print)	32CC	
Date フェラる	-09			Time		134	a.m. / p.m.
			Type o	f Material		,	
	2 Soils				~	· ·	
☐ Tank Bottoms	Other Materia	d (List Descri			Area	+ - · ·	
			DESC	RIPTION		1504	
			·	·			
				·			
<u> </u>							
·							
							
Volume of Material	☐ Bbls			Yard! ⊊		☐ Gallons	
☐ Wash Out	☐ Call Out			☐ After Hours		Debris C	·
	CEN	IEDÁTOD C	COTICICATION	STATEMENT OF WAS	OTE OTATUO		Ü
I hereby certify that acc 1988 regulatory determing RCRA Exempt: Of waste.	ording to the Res nation, the above	ource Conse described w	ervation and Revaste is: (Check	ecovery Act (RCRA) ar	nd the US Enviror ication)	•	
RCRA Non-Exem	shed in RCRA reg	ulations, 40	CFR 261.21-26	that does not exceed 1.24, or listed hazardou ate the above-describe	us waste as define	ed in 40 CFR, pa	art 261, subpart D.
MSDS Information	RCRA Hazaro	dous Waste	Analysis 🔲 F	Process Knowledge	Other (Provide	description abo	we)
CRI Approval #			,			docompacti acc	
2 CIVI Approval #	1 1						
Agent \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2) avam	· · · · · · · · · · · · · · · · · · ·			Automose		
CRI Representative					Land	177	
•	(Signature)						
TANK BOTTOMS	AND A SECOND SHIP FOR A TO SECOND	en allene et decembre	e grant in a suite main reach for the unit of the	sama ostava i za zazama i sistem kotane. Kiro i	e ile i en a cita e i il i		The second second second
г	Feet	Inches					
1st Gauge			В	S&W/BBLS Received	d	BS&W	%
2nd Gauge				Free Wate	r		
Received				Total Received	d		
							·····

213262

White - CRI

Form C138

Canary - CRI Accounting

Pink - CRI Plant

Bill to							
Address							
Company/Generator	· /VY				<u> </u>	- / 5	
Lease Name		- 15 hi		Muyen	35 Fue	JOHN T	<u>Z</u>
Trucking Company	100/ie		Vehicle Numbe	r 4.96	Driver (Print)	C ser cin -	
Date 2 9 9	23 5			Time	3100		ı,m. / p.m.
			Type of	Material			
• •	2 Soils			<u> </u>		ه ^{مسخ} سر	
☐ Tank Bottoms	Other Mater	al (List Descri		Receiving	Area		
			DESCR	IPTION	C. 1. 501	<u> </u>	
				<u> </u>			
							·
·				 			
			***	/			
Volume of Material	☐ Bbls			Yard / X		Gallons	
Wash Out	☐ Call Out			☐ After Hours		Debris Char	
I hereby certify that acc 1988 regulatory determ RCRA Exempt: O waste. RCRA Non-Exem characteristics establias amended. The follows.	ination, the above il field wastes ge apt: Oil field was shed in RCRA re	e described was nerated from te which is regulations, 40	vaste is: (Check the oil and gas explored on hazardous the CFR 261.21-261.	e appropriate classi oration and producti at does not exceed 24, or listed hazardo	fication) on operations and and the minimum stand us waste as defined in	re not mixed wit ards for waste n 40 CFR, part 2	h non-exempt hazardous by 61, subpart D,
items) MSDS Information	RCRA Haza	rdous Waste	Analysis 🖵 Pro	ocess Knowledge 🏻	Other (Provide des	scription above)	
CRI Approval #							
Agent	٠,	81				7	
Agent (Signature)			· · · · · · · · · · · · · · · · · · ·		1/1/	7	
CRI Representative					- 1/V	kt -	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(Signature)				1 1 00	2	
TANK BOTTOMS	enter a contract and the territories of the same	estat to a month of a fit atom.	Service and a service of the service	or a second of the second of t	en e	ere dae da espera () dae e esperada	eria and eria and eria.
	Feet	Inches			· · · · · · · · · · · · · · · · · · ·		
1st Gauge			BS8	W/BBLS Receive	d	BS&W	· %
2nd Gauge				Free Wate	er		
Received				Total Receive	d ·		
						n 4 4	אמרח

213059

White - CRI

Form C138

Canary - CRI Accounting

Pink - CRI Plant

Bill to						
Address						
Company/Generator	<u>Gy</u>					
Lease Name		Ja Hosped	13 my som . 3	5 FEBT	<u> </u>	
Trucking Company	5./:5	Vehicle Num	ber /4 96	Driver (Print)	LAMON	· .
Date 5	. 05		Time	3.16	a.n	n. / p.m.
	D-Soils Other Material (Li	st Description Below)	f Material Receiving	Area	5.51	:
		DESC	RIPTION	fine of	1 Ja /	
				·		
Volume of Material	☐ Bbls		☐ Yard	18	☐ Gallons	
☐ Wash Out	Call Out		After Hours		☐ Debris Charge	9
waste. RCRA Non-Exem characteristics establi	ording to the Resource nation, the above described wastes generated the control of the control o	ATOR CERTIFICATION the Conservation and Re- cribed waste is: (Check the from oil and gas ex- the properties of the conservation of the conservatio	ecovery Act (RCRA) are the appropriate classiful coloration and production that does not exceed 1.24, or listed hazardor	nd the US Environm fication) on operations and a the minimum stan- us waste as defined	are not mixed with a dards for waste ha in 40 CFR, part 261	non-exempt zardous by subpart D.
☐ MSDS Information	RCRA Hazardous	Waste Analysis 🚨 F	Process Knowledge	Other (Provide de	escription above)	
CRI Approval #		35				
Agent	Merc -			}	/	
(Signature)				1/9		
CRI Representative	(Signature)			Make		-
TANK BOTTOMS	and a construction of the second second	and the second of the second o	er om reger av de de la	gaga an e an a sa sa nasa caan ah ha e n	and the second section of the second section of	
Г	Feet I	nches			T	
1st Gauge		В	S&W/BBLS Received	d L	BS&W	%
2nd Gauge			Free Wate	r		
Received			Total Received	d		

Form C138

White - CRI

Canary - CRI Accounting

Pink - CRI Plant

213182

CONTROLLED RECOVERY, INC.

	P.O. Box 388 •		ico 88241-03 NMOCD O r	88 • (575) 393-1079 der R9166	9 • www.criho	bbs.com	
•							
Bill to					<u> </u>	. ,	<u></u>
Address							
Company/Generato	r 921						
Lease Name	H hand	Canyan	35 F	Tee com	#2		
Trucking Company		/	hicle Numbe	er	Driver (Prin	t)	
Date 2/24	109			Time 2 · 2 C)	-	a.m. / p/m.
	/ /		Type of				
Fluids	☑ Soils		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
☐ Tank Bottoms	Other Materi	al (List Description	Below)	Receiving	ر Area <u></u>	<u> </u>	
			DESCR				
				·	oAT 50		
				<u> </u>	22 30	<u>.e. 'i </u>	
	· · · · · · · · · · · · · · · · · · ·						,, . ,,
		· · · · · · · · · · · · · · · · · · ·					
			 			·	
·							
							
24.				·			
Volume of Material	☐ Bbls			☑ Yard	<u> </u>	Gallons	
☐ Wash Out	☐ Call Out			☐ After Hours		Debris C	Charge
				STATEMENT OF WA			
I hereby certify that a 1988 regulatory deter						ironmental Protect	tion Agency's July
1			•	le appropriate class loration and product	,	and are not mived	d with non-everno
waste.	On neid wastes ge	nerated from on	and gas exp	ioration and product	don operations	and are not mixed	with non-exemp
RCRA Non-Exe	empt: Oil field was	e which is non-l	nazardous th	at does not exceed	the minimum	standards for wa	ste hazardous by
characteristics esta	blished in RCRA re	gulations, 40 CFF ation is attached t	₹ 261.21-261. o demonstrat	24, or listed hazardo te the above-describ	ous waste as det ed waste is non	fined in 40 CFR, pa -hazardous <i>(C</i> he	art 261, subpart D,
items)	onowing doodmone		o domonocidi	o the above accomb	co waste is non	nazardous. (One	on the appropriate
MSDS Information	RCRA Hazar	dous Waste Ana	lysis 🚨 Pro	ocess Knowledge 〔	Other (Provi	de description abo	ove)
CRI Approval # _				_	`	·	,
■ OKI Appiovai # _	ger						
Agent	See Comment of the second	- Comment					
(Signature	e)			,	9		
CRI Representative		E. D. Gr	29/2 0,	man And	: 		
	(Signature)						
TANK BOTTOMS		ini. Sangangan angangan				en en en en en	the second second
	Feet	Inches					

1st Gauge BS&W/BBLS Received BS&W % 2nd Gauge Free Water Received **Total Received**

Form C138

White - CRI

Canary - CRI Accounting

Pink - CRI Plant

212993

Bill to			· · · · · · · · · · · · · · · · · · ·			
Address				,		
						·
Company/Generator	0×4				<u>, , , , , , , , , , , , , , , , , , , </u>	
Lease Name	A. T. HAND	75 FFE	(011)			
Trucking Company	5065	Vehicle Number	17.96	Driver (Print)	Addical	
Date 7	24-09	Tir	me ////30		a.	m./p.ñg.
☐ Fluids ☐ Tank Bottoms	Soils Other Material (List D	Type of Ma	terial Receiving	Area	J47	-
		DESCRIPT	ION	·······		· · · · · · · · · · · · · · · · · · ·
			CANI	· · · · · · · · · · · · · · · · · · ·		· · ·
			501	1		
				· · · · · · · · · · · · · · · · · · ·		
Value a of Martarial	D Phi-	[***]	Ze., 18		D 0-11	
Volume of Material	☐ Bbls ☐ Call Out		Yard/	<u> </u>	Gallons	
☐ Wash Out			After Hours		Debris Charg	ge
1988 regulatory determined RCRA Exempt: waste. □ RCRA Non-Exectoracteristics estal	GENERATO ccording to the Resource (mination, the above describe Oil field wastes generated mpt: Oil field waste which olished in RCRA regulations ollowing documentation is a	from oil and gas explorat is non-hazardous that d s, 40 CFR 261.21-261.24, o	y Act (RCRA) and oppropriate classification and production oes not exceed or listed hazardou	d the US Environ cation) on operations and the minimum star is waste as define	are not mixed with ndards for waste h	non-exempt azardous by
☐ MSDS Information	RCRA Hazardous W	aste Analysis 🚨 Proces	s Knowledge 🖵	Other (Provide o	lescription above)	
CRI Approval #Agent	Tara Sulf /	<u></u>				
(Signature		, ///	·			
CRI Representative	(Signature)	White		. 1		
TANK BOTTOMS	Feet Inc	hes			*********	and the second s
1st Gauge		BS&W/	BBLS Received	1	BS&W	%
2nd Gauge			Free Wate			
Received			Total Received	1		·

Form C138

White - CRI

Canary - CRI Accounting

Pink - CRI Plant

212916

Analytical Report 318483

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

Oxy

01-DEC-08





12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Norcross(Atlanta), GA E87429

South Carolina certification numbers: Norcross(Atlanta), GA 98015

North Carolina certification numbers: Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America Midland - Corpus Christi - Atlanta





01-DEC-08

Project Manager: Logan Anderson Elke Environmental, Inc. 4817 Andrews Hwy P.O. Box 14167 Odessa, tx 79768 Odessa, TX 79762

Reference: XENCO Report No: 318483

Oxv

Project Address: Right Hand Canyon Fee 35 Com #2

Logan Anderson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 318483. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 318483 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and OUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 318483



Elke Environmental, Inc., Odessa, TX

Oxy

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP 1 @ 2"	S	Nov-18-08 14:00	2 In	318483-001
TP2 @ 2"	S	Nov-18-08 15:20	2 In	318483-002



Certificate of Analysis Summary 318483

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy



Project Id:

Contact: Logan Anderson

Project Location: Right Hand Canyon Fee 35 Com #2

Date Received in Lab: Fri Nov-21-08 03:18 pm

Report Date: 01-DEC-08

Project Manager:	Brent Barron, II

			110,000	THE BUT	1011, 11
Lab Id:	318483-001	318483-002			
Field Id:	TP 1 @ 2"	TP2 @ 2"			
Depth:	2- In	2- In			
Matrix:	SOIL	SOIL			
Sampled:	Nov-18-08 14:00	Nov-18-08 15:20			
Extracted:	Nov-24-08 16:45	Nov-28-08 08:20			
Analyzed:	Nov-26-08 01:27	Nov-28-08 12:05			
Units/RL:	mg/kg R	L mg/kg RL			
	ND 0.001	0 ND 0.0011			
	ND 0.002	1 ND 0.0021			
	ND 0.001	0 ND 0.0011			
	ND 0.001	0 ND 0.0011			
	ND 0.002	ND 0.0021			
	ND 0.001	0 ND 0.0011			
Extracted:					
Analyzed:	Nov-24-08 09:53	Nov-24-08 09:53			
Units/RL:	mg/kg R	L mg/kg RL			
	219 5.1	8 450 21.0			
Extracted:					
Analyzed:	Nov-22-08 17:00	Nov-22-08 17:00			
Units/RL:			·		
	3.21 1.0	0 4.97 1.00			
Extracted:	Nov-26-08 09:30	Nov-26-08 09:30			
Analyzed:	Nov-27-08 20:05	Nov-27-08 20:29			
Units/RL:	mg/kg R	L mg/kg RL			
	ND 15	5 ND 15.8			
	ND 15	5 26.7 15.8			
	ND 15				
	ND 15	5 26.7 15.8			
	Field Id: Depth: Matrix: Sampled: Extracted: Analyzed: Units/RL: Extracted: Analyzed: Units/RL: Extracted: Analyzed: Units/RL: Extracted: Analyzed: Analyzed: Analyzed: Analyzed:	Field Id: TP 1 @ 2" Depth: 2- In Matrix: SOIL Sampled: Nov-18-08 14:00 Extracted: Nov-24-08 16:45 Analyzed: Nov-26-08 01:27 Units/RL: mg/kg R ND 0.001 ND 0.002 ND 0.001 ND 0.002 ND 0.001 Extracted: Analyzed: Nov-24-08 09:53 Units/RL: mg/kg R 219 5.1 Extracted: Analyzed: Nov-22-08 17:00 Units/RL: % R 3.21 1.0 Extracted: Nov-26-08 09:30 Analyzed: Nov-27-08 20:05 Units/RL: mg/kg R 3.21 1.0 Extracted: Nov-27-08 20:05 Units/RL: mg/kg R 3.21 1.0 Extracted: Nov-27-08 20:05 Units/RL: mg/kg R ND 15 ND 15	Field Id: TP 1 @ 2" TP2 @ 2" Depth: 2- In 2- In Matrix: SOIL SOIL Sampled: Nov-18-08 14:00 Nov-18-08 15:20 Extracted: Nov-24-08 16:45 Nov-28-08 08:20 Analyzed: Nov-26-08 01:27 Nov-28-08 12:05 Units/RL: mg/kg RL mg/kg RL ND 0.0010 ND 0.0011 ND 0.0021 ND 0.0021 ND 0.0021 ND 0.0021 Extracted: Analyzed: Nov-24-08 09:53 Nov-24-08 09:53 Nov-24-08 09:53 Units/RL: % RL % RL Analyzed: Nov-22-08 17:00 Nov-22-08 17:00	Lab Id: 318483-001 318483-002 Field Id: TP 1 @ 2" TP2 @ 2" Depth: 2- In 2- In SOIL SOIL SOIL SAmpled: Nov-18-08 14:00 Nov-18-08 15:20	Field Id:

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

Brent Barron
Odessa Laboratory Director



Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

 The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

	Phone	Fax
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116



Form 2 - Surrogate Recoveries

Project Name: Oxy

Work Orders: 318483,

Project ID:

Lab Batch #: 741517

Sample: 318483-001 / SMP

Batch:

1

Matrix: Soil

Units: mg/kg	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0240	0.0300	80	80-120	

Lab Batch #: 741517

Sample: 318483-001 S / MS

Batch: 1

Matrix: Soil

Uni

Units: mg/kg	SU	SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes	[1		[D]	, , ,			
1,4-Difluorobenzene	0.0276	0.0300	92	80-120	L		
4-Bromofluorobenzene	0.0283	0.0300	94	80-120			

Lab Batch #: 741517

Sample: 318483-001 SD / MSD

Batch: 1

Matrix: Soil

SURROGATE RECOVERY STUDY Units: mg/kg Control BTEX by EPA 8021B Flags Found Amount Recovery Limits [A] [B] %R %R [D]Analytes 1,4-Difluorobenzene 0.0275 0.0300 92 80-120 4-Bromofluorobenzene 0.0272 0.0300 91 80-120

Lab Batch #: 741517

Sample: 520005-1-BKS / BKS

Batch:

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0280	0.0300	93	80-120	
4-Bromofluorobenzene	0.0268	0.0300	89	80-120	

Lab Batch #: 741517

Sample: 520005-1-BLK / BLK

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags	
1,4-Difluorobenzene	0.0320	0.0300	107	80-120		
4-Bromofluorobenzene	0.0249	0.0300	83 .	80-120		

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Oxy

Work Orders: 318483,

Project ID:

Lab Batch #: 741517

Sample: 520005-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0278	0.0300	93	80-120	
4-Bromofluorobenzene	0.0268	0.0300	89	80-120	

Lab Batch #: 741812

Sample: 318483-002 / SMP

Batch: 1

Matrix: Soil

Units: mg/kg	SU	SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
1,4-Difluorobenzene	0.0311	0.0300	104	80-120			
4-Bromofluorobenzenc	0.0245	0.0300	82	80-120			

Lab Batch #: 741812

Sample: 318486-002 S / MS

Batch: 1

Matrix: Soil

Units: mg/kg	SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags	
Analytes	[]	(-)	[D]			
1,4-Difluorobenzene	0.3486	0.0300	1162	80-120	*	
4-Bromofluorobenzene	0.0668	0.0300	223	80-120	*	

Lab Batch #: 741812

Sample: 318486-002 SD / MSD

Batch: 1

Matrix: Soil

Units: mg/kg BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY					
	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags	
			[D]		İ	
1,4-Difluorobenzenc	0.0306	0.0300	102	80-120		
4-Bromofluorobenzene	0.0315	0.0300	105	80-120	·	

Lab Batch #: 741812

Sample: 520201-1-BKS / BKS

Batch: 1

Matrix: Solid

Units: mg/kg BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	(**)	[2]	[D]	,,,,,	
1,4-Difluorobenzene	0.0272	0.0300	91	80-120	<u> </u>
4-Bromofluorobenzene	0.0254	0.0300	85	80-120	

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Oxy

Work Orders: 318483,

Project ID:

Lab Batch #: 741812

Sample: 520201-1-BLK / BLK

Batch:

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]	1				
1,4-Difluorobenzene	0.0314	0.0300	105	80-120				
4-Bromofluorobenzene	0.0216	0.0300	72	80-120	*			

Lab Batch #: 741812

Sample: 520201-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes		! 1	[D]	, , , ,	
1,4-Difluorobenzene	0.0274	0.0300	91	80-120	
4-Bromofluorobenzene	0.0246	0.0300	82	80-120	

Lab Batch #: 741711

Sample: 318251-046 S / MS

Batch:

Matrix: Soil

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	124	100	124	70-135				
o-Terphenyl	55.5	50.0	111	70-135				

Lab Batch #: 741711

Sample: 318251-046 SD / MSD

Batch: 1

Matrix: Soil

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	120	100	120	70-135				
o-Terphenyl	55.1	50.0	110	70-135				

Lab Batch #: 741711

Sample: 318483-001 / SMP

Batch: 1

Matrix: Soil

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	92.9	100	93	70-135				
o-Terphenyl	47.5	50.0	95	70-135				

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Oxy

Work Orders: 318483,

Project ID:

Lab Batch #: 741711

Sample: 318483-002 / SMP

Batch:

Matrix: Soil

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	89.8	100	90	70-135				
o-Terphenyl	46.5	50.0	93	70-135				

Lab Batch #: 741711

Sample: 520107-1-BKS / BKS

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	106	100	106	70-135				
o-Terphenyl	53.3	50.0	107	70-135				

Lab Batch #: 741711

Sample: 520107-1-BLK / BLK

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	92.1	100	92	70-135				
o-Terphenyl	47.5	50.0	95	70-135				

Lab Batch #: 741711

Sample: 520107-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	107	100	107	70-135				
o-Terphenyl	52.3	50.0	105	70-135				

*** Poor recoveries due to dilution Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis



Blank Spike Recovery



Project Name: Oxy

Work Order #: 318483

Project ID:

Lab Batch #: 741325

Sample: 741325-1-BKS

Matrix: Solid

Date Analyzed: 11/24/2008

Date Prepared: 11/24/2008

Analyst: LATCOR -

Donorting United

1 RI ANK /RI ANK SPIKE DECOVEDY STIIDY

Reporting Units: mg/kg Batch #: 1 BLANK/BLANK SPIKE RECOVE						STUDY
Inorganic Anions by EPA 300	Blank Result	Spike Added	Blank Spike Result	Blank Spike %R	Control Limits %R	Flags
Analytes	[A]	[B]	[C]	[D]	70K	
Chloride	ND	10.0	9.57	96	80-120	



BS / BSD Recoveries



Project Name: Oxy

Work Order #: 318483

Analyst: ASA

Date Prepared: 11/24/2008

Project ID:

Date Analyzed: 11/25/2008

Lab Batch ID: 741517

Sample: 520005-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0971	97	0.1	0.0985	99	1	70-130	35	
Toluene	ND	0.1000	0.0887	89	0.1	0.0903	90	2	70-130	35	
Ethylbenzene	ND	0.1000	0.0864	86	0.1	0.0885	89	2	71-129	35	
m,p-Xylenes	ND	0.2000	0.1744	87	0.2	0.1783	89	2	70-135	35	
o-Xylene	ND	0.1000	0.0851	85	0.1	0.0869	87	2	71-133	35	

Analyst: ASA

Date Prepared: 11/28/2008

Date Analyzed: 11/28/2008

Lab Batch ID: 741812

Sample: 520201-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B	Blank Sample Result [A]	Spike	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	{D}	[E]	Result [F]	[G]				
Benzenc	ND	0.1000	0.0958	. 96	0.1	0.0970	97	1	70-130	35	
Toluene	ND	0.1000	0.0881	88	0.1	0.0881	88	0	70-130	35	
Ethylbenzene	ND	0.1000	0.0855	86	0.1	0.0842	84	2	71-129	35	
m,p-Xylenes	ND	0.2000	0.1718	86	0.2	0.1680	84	2	70-135	35	
o-Xylene	ND	0.1000	0.0836	84	0.1	0.0818	82	2	71-133	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|Blank Spike Recovery [D] = 100*(C)/[B]Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: Oxy

Work Order #: 318483

Analyst: BHW

Date Prepared: 11/26/2008

Project ID:

Date Analyzed: 11/27/2008

Lab Batch ID: 741711

Sample: 520107-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg		BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY									
TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	915	92	1000	920	92	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	958	96	1000	957	96	0	70-135	35	

Relative Percent Difference RPD = 200*[(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: Oxy



Work Order #: 318483

Lab Batch #: 741325 -**Date Analyzed:** 11/24/2008

Date Prepared: 11/24/2008

Project ID:

Analyst: LATCOR

QC- Sample ID: 318486-001 S rting Unites ma/b

Batch #:

Matrix: Soil

Reporting Units: mg/kg	MATRIX / MATRIX SPIKE RECOVERY STUDY								
Inorganic Anions by EPA 300	Parent Sample Result	Sample Spike		%R [D]	Control Limits %R	Flag			
Analytes	[A]	[B]	[C]	ושו	7610				
Chloride	77.7	106	195	111	80-120				

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference [E] = 200*(C-A)/(C+B) All Results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries

Project Name: Oxy

Work Order #: 318483

Project ID:

Lab Batch ID: 741517

QC-Sample ID: 318483-001 S

Batch #:

Matrix: Soil

Date Analyzed: 11/26/2008

Date Prepared: 11/24/2008

Analyst: ASA

Reporting Units: mg/kg		MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
BTEX by EPA 8021B	Parent Sample	Spike	Spiked Sample Result	Sample	Spike	Duplicate Spiked Sample	•	RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C]	%R Added Result [F] %R % [G]	%R	%RPD					
Benzene	ND	0.1033	0.0801	78	0.1033	0.0858	83	6	70-130	35	
Toluene	ND	0.1033	0.0735	71	0.1033	0.0779	75	5	70-130	35	
Ethylbenzene	ND	0.1033	0.0717	69	0.1033	0.0758	73	6	71-129	35	X
m,p-Xylenes	ND	0.2066	0.1447	70	0.2066	0.1532	74	6	70-135	35	
o-Xylene	ND	0.1033	0.0672	65	0.1033	0.0717	69	6	71-133	35	Х

Lab Batch ID: 741812

QC-Sample ID: 318486-002 S

Batch #:

Matrix: Soil

Date Analyzed: 11/28/2008

Date Prepared: 11/28/2008

Analyst: ASA

Reporting Units: mg/kg

Reporting Units: mg/kg		MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
BTEX by EPA 8021B	Parent Sample	Spike	Spiked Sample Result	Sample	•	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
Benzene	ND	0.1270	0.2163	170	0.1270	0.1815	143	17	70-130	35	Х
Toluene	ND	0.1270	0.4314	340	0.1270	0.3048	240	34	70-130	35	X
Ethylbenzene	ND	0.1270	0.2357	186	0.1270	0.1344	106	55	71-129	35	XF
m,p-Xylenes	ND	0.2540	0.4950	195	0.2540	0.2554	101	64	70-135	35	XF
o-Xylene	ND	0.1270	0.3250	256	0.1270	0.1267	100	88	71-133	35	XF

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference RPD = 200*|(C-F)/(C+F)| Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E



Form 3 - MS / MSD Recoveries

70-135

35

XF

Project Name: Oxy

1210

Work Order #: 318483

Project ID:

Lab Batch ID: 741711

QC- Sample ID: 318251-046 S

1600

Batch #:

Matrix: Soil

132

36

Date Analyzed: 11/27/2008

C12-C28 Diesel Range Hydrocarbons

Date Prepared: 11/26/2008

BHW Analyst:

1210

3200

Reporting Units: mg/kg

Reporting Units: mg/kg		MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY									
TPH by SW8015 Mod	Parent Sample	Spike	Spiked Sample Result	Sample		Duplicate Spiked Sample		RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
C6-C12 Gasoline Range Hydrocarbons	515	1210	1820	108	1210	1640	93	15	70-135	35	

3900

190



Sample Duplicate Recovery



Project Name: Oxy

Work Order #: 318483

Lab Batch #: 741325 **Date Analyzed:** 11/24/2008

Project ID:

Date Prepared: 11/24/2008 Analyst: LATCOR

QC-Sample ID: 318486-001 D Batch #: 1 Matrix: Soil

Reporting Units: mg/kg	SAMPLE /	SAMPLE / SAMPLE DUPLICATE RECOVERY							
Inorganic Anions by EPA 300	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag				
Analyte		[B]							
Chloride	77.7	74.1	5	20					

Lab Batch #: 741210

Date Analyzed: 11/22/2008

Date Prepared: 11/22/2008

Analyst: BEV

QC- Sample ID: 318483-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %	SAMPLE / SAMPLE DUPLICATE RECOVERY							
Percent Moisture	Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag			
Analyte		[B]	:					
Percent Moisture	3.21	3.48	8	20				

Ţ
ğ
<u>.</u>
7
잋

Environmental Lab of Texas CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Xenco Laboratorias Company 12600 West 1-20 East Phone: 432-563-1800 Odessa, Texas 79765 Fax: 432-563-1713 Project Manager Logan Anderson Project Name: Company Name Elke Environmental Project #: Company Address P O Box 14167 City/State/Zip: Odessa, TX 79768 Report Format: Standard TRRP NPDES Telephone No 432-366-0884 la_elkeenv@yahoo.com Sampler Signature an use only) 318463 RDER #: Preservation & # of Containers FIELD CODE e 2 " TF2 02" 11-18 pecial instructions: Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace? Labels on container(s) Custody seals on container(s) Custody seals on containing; Custody seals on containing; Samb'e Hand Delivered by Country UPS DHi, LedEx Lone Star glacusted by Date Received by ELOT 5.0 °

1518

11-21-68

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client:	EIKE Environmen	ita'
Date/ Time:	11-21-08 (3 1518	,,
Lab ID#:	318483	· · · · · · · · · · · · · · · · · · ·
Initials:	JMF	
		Sample Receipt Checklist

	outspio recoupe	0.100111101		
				Client initials
#1	Temperature of container/ cooler?	Yes	No	5.0 °C
#2	Shipping container in good condition?	Yes	No	(N/A)
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present (2)
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present
#5	Chain of Custody present?	(Yes>	No	
#6	Sample instructions complete of Chain of Custody?	(Yes)	Nο	
#7	Chain of Custody signed when relinquished/ received?	(Yes	No	
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes	No	
#11	Containers supplied by ELOT?	(Yes	No	
#12	Samples in proper container/ bottle?	(Yes)	No	See Below
#13	Samples properly preserved?	(Yes	No	See Below
#14	Sample bottles intact?	Yes	No	
#15	Preservations documented on Chain of Custody?	(res	No	
#16	Containers documented on Chain of Custody?	(Yes	No	
#17	Sufficient sample amount for indicated test(s)?	des	No	See Below
#18	All samples received within sufficient hold time?	Yes	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	Yes	No	Not Applicable

Variance Documentation

Contact:		Contacted by:	Date/ Time:
Regarding:			
Corrective Action Taken:			
Check all that Apply:		ee attached e-mail/ fax lient understands and would like to proceed with ana ooling process had begun shortly after sampling eve	

Analytical Report 326159

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

Oxy

Right Hand Canyon 35 Fee Con # 2

03-MAR-09





12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675 Miramar, FL E86349 Norcross(Atlanta), GA E87429

> South Carolina certification numbers: Norcross(Atlanta), GA 98015

> North Carolina certification numbers: Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America Midland - Corpus Christi - Atlanta





Project Manager: Logan Anderson Elke Environmental. Inc. 4817 Andrews Hwy P.O. Box 14167 Odessa, tx 79768 Odessa, TX 79762

Reference: XENCO Report No: 326159

Oxy

Project Address:

Logan Anderson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 326159. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 326159 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and OUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 326159



Elke Environmental, Inc., Odessa, TX

Оху

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP 1 @ 6"	S	Feb-18-09 09:00	6 In	326159-001
TP 2 @ 6"	S	Feb-18-09 09:30	6 In	326159-002
TP 3 @ 6"	S	Feb-18-09 10:00	6 In	326159-003
TP 4 @ 6"	S	Feb-18-09 10:30	6 In	326159-004
TP 5 @ 6"	S	Feb-18-09 11:00	6 In	326159-005



Certificate of Analysis Summary 326159

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy

***nelac**

Project Id: Right Hand Canyon 35 Fee Con # 2

Contact: Logan Anderson

Project Location:

Date Received in Lab: Fri Feb-27-09 02:30 pm

Report Date: 03-MAR-09

Project Manager: Brent Barron, II

								1 roject with	iagei.	BIGHT Barron,	**	
	Lab Id:	326159-0	01	326159-0	02	326159-0	03	326159-0	04	326159-0	05	
Analysis Requested	Field Id:	TP 1 @	6"	TP 2 @	5"	TP 3 @ 6	5"	TP 4@	6"	TP 5 @ 0	5"	
Anutysis Requesteu	Depth:	6 In		6 In		6 In		6 In		6 In	•	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		
	Sampled:	Feb-18-09 (9:00	Feb-18-09 (9:30	Feb-18-09 1	0:00	Feb-18-09	10:30	Feb-18-09 1	1:00	
Anions by EPA 300	Extracted:											
	Analyzed:	Mar-02-09	08:44	Mar-02-09 (08:44	Mar-02-09 (08:44	Mar-02-09	08:44	Mar-02-09 (08:44	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Chloride		194	10.5	254	10.3	267	20.4	148	13.0	2260	51.4	
Percent Moisture	Extracted:										i	
101001111101111111	Analyzed:	Feb-28-09	09:43	Feb-28-09 (9:43	Feb-28-09 0	9:43	Feb-28-09 (09:43	Feb-28-09 (9:43	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	
Percent Moisture		5.12	1.00	2.75	1.00	1.97	1.00	22.81	1.00	2.71	1.00	
TPH By SW8015 Mod	Extracted:	Mar-02-09	19:24	Mar-02-09	19:24	Mar-02-09 19:24		Mar-02-09 19:24		Mar-02-09	19:24	
1111 = y = 0010 1110 u	Analyzed:	Mar-02-09	23:10	Mar-02-09	23:34	Mar-02-09 2	23:58	Mar-03-09	00:22	Mar-03-09 (00:45	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
C6-C12 Gasoline Range Hydrocarbons		ND	15.8	ND	15.4	ND	15.3	ND	19.4	ND	15.4	
C12-C28 Diesel Range Hydrocarbons		72.9	15.8	ND	15.4	99.1	15.3	32.5	19.4	123	15.4	
C28-C35 Oil Range Hydrocarbons		44.4	15.8	ND	15.4	ND	15.3	ND	19.4	ND	15.4	-
Total TPH		117.3	15.8	ND	15.4	99.1	15.3	32.5	19.4	123	15.4	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Daflas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

Brent Barron
Odessa Laboratory Director



Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

 The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- * Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and OUALITY

Phone

Fav

A Small business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

	ruone	гах
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116
•		



Form 2 - Surrogate Recoveries

Project Name: Oxy

Work Orders: 326159,

Project ID: Right Hand Canyon 35 Fee Con # 2

Lab Batch #: 751268

Sample: 525682-1-BKS / BKS

Batch:

Matrix: Solid

Units: mg/kg	Date Analyzed: 03/02/09 21:11	SURROGATE RECOVERY STUDY						
TPH By SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
	Analytes		` '	[D]				
1-Chlorooctane		108	100	108	70-135			
o-Terphenyl		48.2	50.0	96	70-135			

Lab Batch #: 751268

Sample: 525682-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg Date Analyzed: 03/02/09 21:35	SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags	
Analytes			[D]			
1-Chlorooctane	107	100	107	70-135		
o-Terphenyl	50.4	50.0	101	70-135		

Lab Batch #: 751268

Sample: 525682-1-BLK / BLK

Batch:

Matrix: Solid

Units: mg/kg	Date Analyzed: 03/02/09 21:59	SURROGATE RECOVERY STUDY						
·	W8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
1-Chlorooctane	,	94.5	100	95	70-135			
o-Terphenyl		44.2	50.0	88	70-135	 		

Lab Batch #: 751268

Sample: 326159-001 / SMP

Batch: 1

Matrix: Soil

Units: mg/kg	Date Analyzed: 03/02/09 23:10	SURROGATE RECOVERY STUDY						
ТРН	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
	Analytes							
1-Chlorooctane		89.1	100	89	70-135			
o-Terphenyl		42.7	50.0	85	70-135			

Lab Batch #: 751268

Sample: 326159-002 / SMP

Batch: 1

Matrix: Soil

Units: mg/kg Date Analyzed: 03/02/09 23	:34 SU	SURROGATE RECOVERY STUDY						
TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane	87.9	100	88	70-135				
o-Terphenyl	41.9	50.0	84	70-135				

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries

Project Name: Oxy

Work Orders: 326159,

Project ID: Right Hand Canyon 35 Fee Con # 2

Lab Batch #: 751268

Sample: 326159-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg Da	te Analyzed: 03/02/09 23:58	SURROGATE RECOVERY STUDY					
TPH By SW	/8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags	
Anal	ytes	• •		[D]			
1-Chlorooctane		94.5	100	95	70-135		
o-Terphenyl		43.7	50.0	87	70-135		

Lab Batch #: 751268

Sample: 326159-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg Date Analyzed: 03/03/09 00:22	SU	SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D])			
1-Chlorooctane	95.1	100	95	70-135			
o-Terphenyl	44.7	50.0	89	70-135			

Lab Batch #: 751268

Sample: 326159-005 / SMP

Batch:

Matrix: Soil

Units: mg/kg	Date Analyzed: 03/03/09 00:45	SURROGATE RECOVERY STUDY						
ТРН	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
	Analytes	. ,		[D]				
1-Chlorooctane		89.6	100	90	70-135			
o-Terphenyl		42.0	50.0	84	70-135			

Lab Batch #: 751268

Sample: 326159-002 S / MS

Batch: 1

Matrix: Soil

Units: mg/kg Date Analyzed: 03/03/09 02:20		SURROGATE RECOVERY STUDY						
ТРН	By SW8015 Mod Analytes	Amount Found [A]	True Amount (B)	Recovery %R [D]	Control Limits %R	Flags		
1-Chlorooctane		108	100	108	70-135			
o-Terphenyl		48.8	50.0	98	70-135			

Lab Batch #: 751268

Sample: 326159-002 SD / MSD

Batch:

Matrix: Soil

Units: mg/kg Date Analyzed: 03/03/09 02:44	SURROGATE RECOVERY STUDY						
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes	17-1		[D]	/010			
1-Chlorooctane	110	100	110	70-135			
o-Terphenyl	51.4	50.0	103	70-135			

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Blank Spike Recovery



Project Name: Oxy

Work Order #: 326159

Project ID: Right Hand Canyon 35 Fee Con # 2

Lab Batch #: 751250

Sample: 751250-1-BKS

Matrix: Solid

Date Analyzed: 03/02/2009

Date Prepared: 03/02/2009

Analyst: LATCOR

Reporting Units: mg/kg	Batch #: 1	BLANK /BLANK SPIKE RECOVERY STU							
Anions by EPA 300	Blank Result	Spike Added [B]	Blank Spike Result	Blank Spike %R	Control Limits %R	Flags			
Analytes	[A]	[D]	[C]	[D]	70K				
Chloride	ND	10.0	10.4	104	90-110				



BS / BSD Recoveries



Project Name: Oxy

Work Order #: 326159 Analyst: BHW

Date Prepared: 03/02/2009

Project ID: Right Hand Canyon 35 Fee Con # 2

Date Analyzed: 03/02/2009

Lab Batch ID: 751268

Sample: 525682-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg		BLAN	K/BLANK S	SPIKE / H	BLANK S	PIKE DUPI	JCATE 1	RECOVI	ERY STUD	Y	
TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	931	93	1000	929	93	0	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	964	96	1000	955	96	1	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recover

Project Name: Oxy

Work Order #: 326159 Lab Batch #: 751250

Project ID: Right Hand Canyon 35 Fee Con # 2

Date Analyzed: 03/02/2009

Date Prepared: 03/02/2009

Analyst: LATCOR

QC- Sample ID: 326134-001 S

Batch #:

Matrix: Soil

Reporting Units: mg/kg	MATE	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300	Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes	[A]	(B)				
Chloride	ND	425	438	103	80-120	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference [E] = 200*(C-A)/(C+B) All Results are based on MDL and Validated for QC Purposes



Form 3 - MS / MSD Recoveries

Project Name: Oxy



Work Order #: 326159

Project ID: Right Hand Canyon 35 Fee Con # 2

Lab Batch ID: 751268

QC- Sample ID: 326159-002 S

Batch #:

Matrix: Soil

Date Analyzed: 03/03/2009

Date Prepared: 03/02/2009

Analyst: BHW

Analyst: BH

Reporting Units: mg/kg		MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY													
TPH By SW8015 Mod	Parent Sample	Spike	Spiked Sample Result	Sample	•	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag				
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD					
C6-C12 Gasoline Range Hydrocarbons	ND	1030	972	94	1030	988	96	2	70-135	35					
C12-C28 Diesel Range Hydrocarbons	ND	1030	1040	101	1030	1060	103	2	70-135	35					



Sample Duplicate Recovery

Project Name: Oxy



Work Order #: 326159

Lab Batch #: 751250

Date Analyzed: 03/02/2009

03/02/2009

Project ID: Right Hand Canyon 35 Fee Con # 2

Date Prepared:

Analyst: LATCOR

QC- Sample ID: 326134-001 D

Batch #:

Matrix: Soil

Reporting Units: mg/kg	SAMPLE /	SAMPLE	DUPLIC	ATE REC	OVERY
Anions by EPA 300 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	ND	ND	NC	20	

Lab Batch #: 751102

Date Analyzed: 02/28/2009

Date Prepared:

02/28/2009

Analyst: BEV

QC- Sample ID: 326136-001 D

Batch #:

Matrix: Soil

Reporting Units: %

	SAMPLE / SAMPLE	DUDI ICATE	DECOVEDY
	SAMILLE / SAMIFLE	DUFLICATE	RECOVERI
4			

Percent Moisture Analyte	Parent Sample Result [A]		RPD	Control Limits %RPD	Flag
Percent Moisture	4.75	4.21	12	20	

σ	
Þ	
₽.	
æ	
_	
ယ	
Q	
-	

A Xenco Laboratories Compar	tal Lab of T							90 W:	et I-2								•	hon	o: 43	12-66	3-18 3-17	-03		
Project Manager.	Logan Anderson											_	Pr		Harn	_	9	X.						_
Company Name	Elke Environmen	tat										_		Pri	pjoet (: _/	بالجوز	4/	ليره	1/2	g/er	<u>2 ع</u>	5 /5	ž
Company Address:	P O Box 14167											_			ct Loc									
City/State/Zip:	Odessa, TX 7976	8													PO	t:								
Telephone No:	432-366-0043		> -		Fax No:	4:	32-3	66-0	884			_	Rego	1 Fer	mat:	2	Star	nderd			TRR	P	0	-
Sampler Signature:	2				e-mail:			eem		thoo.	CON	_								_			_	
(lab use only)					01110111	-=			VD1				_	F	_	_		Ana	1720 F	or.	_			- r
	4159						_	18100/3				_	Aatriba		_		CLP.	3	#	Ħ	П		П	l
01 TPI @ 6	.D CODE	Boghming Dopth	Ending Dopon	Data Sempted	9:00,44	Total & Constrain	, ,		708°	App.	Nena	DIP-OFFER NEW SChaps	TO COM - Greatman D-S000cd	(TPE) 4:4.1 (20134)	Contract TX 1000 TX 100	1	· SAR / ESP / CEC	Matter As Ag Bo Cd Cr Po No	Seminations	BTEX ACCIBACION OF BTEX 0280	RC	WORM.		
03 7/03		+	₩-	 - 	10:00 AN	! 	14	+-	╁┼	++	\dashv	+	} _		+	۲.	Н	+	╀	╂┪	+	╁	₩	_
05 795 1		╂	1	1	11:00ax	魸	H	+	++	+1	+	4	<u>, </u>	П	+	۲,	H	十	+	H	十	+	H	-
												I			I	Ľ		1		П	工	工	П	-
		┼	├-	ļ	I (\mathbb{A}	14	-	╀	+	4	╀		Н	+	├-	Н	+	1	Н	4	+-	╀	-
		+-	-	 	 	+	Н	+	╁┼	+	+	╁		Н	╁	┝	Н	+	+	H	+	+	╁	-
		1				+	11	\top	11	11	+	T		H	+	Τ	H	†	Τ	П	\top	+	\sqcap	•
Special Instructions:	Opto		ma 30	Received by:								sto	_	Time	Sa VC	mple Ca I	Con	iginer if He: otalo:	monti e into edepo er(e)	oct? oce?		() Fed	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: EIKE En.	,	•	
Date/ Time: 2.27.09 14:30			
Lab ID#: 326159			
Initials: - QL			
Sample Receip	t Checklist		Client Initials
#1 Temperature of container/ cooler?	(Yés)	No	6.0 ·c
#2 Shipping container in good condition?	(Yes)	No	
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)
44 Custody Seals intact on sample bottles/ container?	(es)	No	Not Present
5 Chain of Custody present?	(Yes)	No	
6 Sample instructions complete of Chain of Custody?	₹é\$	No	
7 Chain of Custody signed when relinquished/ received?	(Yès)	No	
#8 Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid
9 Container label(s) legible and intact?	(Yes)	No.	Not Applicable
10 Sample matrix/ properties agree with Chain of Custody?	Yes	No	
11 Containers supplied by ELOT?	χes'	No	
112 Samples in proper container/ bottle?	Yês	No.	See Below
13 Samples properly preserved?	Yes	No	See Below
#14 Sample bottles intact?	Yes	No	
#15 Preservations documented on Chain of Custody?	Yes	No	
#16 Containers documented on Chain of Custody?	(Yes)	No	
#17 Sufficient sample amount for indicated test(s)?	(ves)	No	See Below
#18 All samples received within sufficient hold time?	(Yes)	No	See Below
#19 Subcontract of sample(s)?	Yes	No	(Not Applicable)
#20 VOC samples have zero headspace?	(Yes)	No	Not Applicable
Contact: Contacted by:	ımentation	•	Date/ Time:
Corrective Action Taken:			
Check all that Apply: See attached e-mail/ fax Client understands and wo Cooling process had begui			

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

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

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

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

Form C-141

Revised October 10, 2003

side of form

Release Notification and Corrective Action OPERATOR Initial Report Final Report Contact - Kelton Beaird Name of Company - OXY USA Address – P O Box 1988 / 102 South Main St Carlsbad, NM Telephone No. - 575-887-8337 Facility Name - Righthand Canyon 35 Fee Com #2 Facility Type - Well Site Mineral Owner -Lease No. Surface Owner -LOCATION OF RELEASE Section Township Range Feet from the North/South Line Feet from the East/West Line County Unit Letter Eddy L 35 **21S** 24E

Latitude 32° 25.931' N Longitude 104° 28.427' W NATURE OF RELEASE Type of Release -Volume of Release bbls Volume Recovered -Source of Release -Date and Hour of Occurrence Date and Hour of Discovery -11-12-08 11-12-08 @ Was Immediate Notice Given? If YES, To Whom? By Whom? - Kelton Beaird - Oxy Date and Hour - Same as above Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Spill from frac tank ran across caliche location. All fluid was picked up by a vacuum truck. The groundwater in the surrounding area shows > 100° using the SEO data. The following are the recommended action levels for the site: Chloride -250ppm, TPH - 5,000 ppm, BTEX - 100 ppm(field vapor analysis). Describe Area Affected and Cleanup Action Taken.* Due to the hard rock and heavy traffic of the site, only 1' of impacted soil was excavated and hauled to CRI Disposal. Confirmation lab samples were taken on the bottom of the excavation. Clean caliche was backfilled in the excavation. No re-seeding was completed due to the site being a caliche well pad. Attached is a plat map, field analytical, lab confirmations, disposal tickets and pictures of the remediation. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Kelton Beaird Title: HES Specialist Approval Date: **Expiration Date:** E-mail Address: kelton beaird@oxy.com Conditions of Approval: Attached Phone: 575-887-8337

Attach Additional Sheets If Necessary