MARTIN YATES, III 19: 2-1985 FRANK W. YATES 1936-1986 S.P YATES 19: 4-2008



105 SOUTH FOURTH STREET

ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

JOHN A. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES JR.

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI CHIEF FINANCIAL OFFICER

JORGE S. MENDOZA CHIEF ADMINISTRATIVE OFFICER

2RA-750

2RA-251

2RA - 165

October 18, 2012

Atten: Mike Bratcher

NM Oil Conservation Division

District 2 Office

Artesia, NM 88220-6292

Mr. Bratcher:

Yates Petroleum Corp would like to request closure of the Anemone ANE Federal #2 for the releases occurring on January 20, 2011, April 15, 2011, and April 22, 2011. Request for closure is based on a site ranking of Zero (0). Below is a summary of analytical findings. The official reports are enclosed.

Site Ranking Zero
Depth to
Groundwater 585'

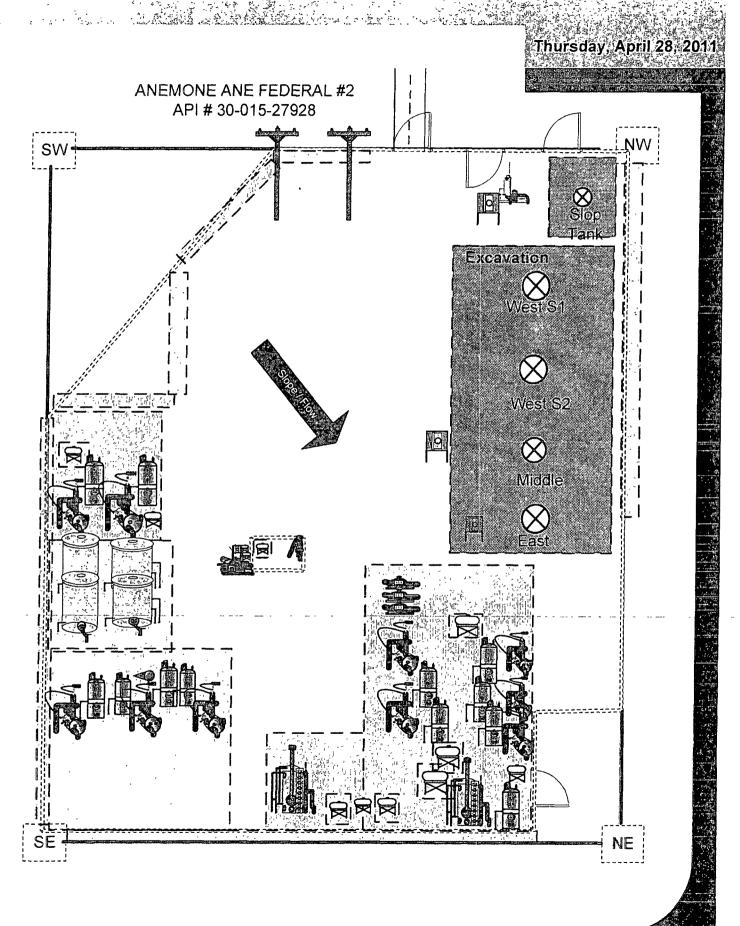
	втех	GRO	DRO	Chloride
West Excavation S1	1.962	96.2	3040	32
West Excavation S2	0.515	20.4	1250	64
Slop Tank	6.893	366	3390	16
Middle Excavation	1,815-	51.7	1980	167
East Excavation	ND	ND	155	47.4

Thank you,

YATES PETROLEUM CORPORATION `

Amanda Trujillo

YATES PETROLEUM CORPORATION





October 05, 2012

AMANDA TRUJILLO Yales Energy Petroleum Corp 105 S 4th Street Artesia, NM 88210

RE: ANENOME BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/01/12 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Ely Eteme

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

10/01/2012

Sampling Date:

09/28/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

ANENOME BATTERY

Sampling Condition:

** (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Amanda Ponce

Project Location:

SECTION 9 T22S R24E

Sample ID: WEST EXC SAMPLE 1 (H202393-01)

B FEX 80218	mg/	kg	Analyze	d By: AP			· · · · · · · · · · · · · · · · · · ·		5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	0.155	0.050	10/04/2012	ND	1.99	99.4	2.00	6.80	
Toluene*	0.067	0.050	10/04/2012	ND	2.21	110	2.00	6.99	
Ethylbenzene*	1.74	0.050	10/04/2012	ND	2.17	109	2.00	7.00	
Total Xylenes*	<0.150	0.150	10/04/2012	ND	6.79	113	6.00	6.48	
Surrogate 4-Bromofluorobenzene (PIE	268 %	6 89 4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: MS	·				S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	96.2	50.0	10/04/2012	ND	205	102	200	3.89	
DRO >C10-C28	3040	50.0	10/04/2012	ND	201	101	200	7.92	
Surrogate 1-Chlorooctane	105 %	65 2-14	0						
Surrogate, 1-Chlorooctadecane	173 %	63 6-15	4						

Cardinal Laboratories

*=Accredited Analyte

191 AST NOTE Liability and Damages, Cardinal's hability and client's exclusive remedy for any claims arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and with Guise whistoever stall be deemed waved united so use, or loss of use, or loss of use, or loss of profits incured by client, its subsidiaries, affiliates or successors airsing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is hased upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Chely it Assence

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210

Fax To: (505) 748-4635

Received:

10/01/2012

Sampling Date:

09/28/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

ANENOME BATTERY

Sampling Condition:

** (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Amanda Ponce

Project Location:

SECTION 9 T22S R24E

Sample ID: WEST EXC SAMPLE 2 (H202393-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP				•	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	0.103	0.050	10/04/2012	ND	1.99	99.4	2.00	6.80	
Toluene*	0,345	0.050	10/04/2012	ND	2.21	110	2.00	6.99	
Ethylbenzene*	0.067	0.050	10/04/2012	ND	2.17	109	2.00	7.00	
Total Xylenes*	<0.150	0.150	10/04/2012	ND	6.79	113	6.00	6.48	
Surrogate 4-Bromofluorobenzene (PIE	109 9	% 89 4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	20.4	10.0	10/04/2012	ND	205	102	200	3.89	
DRO >C10-C28	1250	10.0	10/04/2012	ND	201	101	200	7.92	
Swrogate 1-Chlorooctane	9065	% 65 2-14	0						
		6 63 6-15							

Cardinal Laboratories

*=Accredited Analyte

PTRASE NOTE Liability and Damages Cardinal's flability and cleart's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and inty offer cause whistopever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the appliciable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subusidanes, affiliates or successions aroung out of or related to the performance of the services hereuncher by Cardinal, regardless of whether such chiral subset upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratomes.

Lety Decree

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect
NID	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
* 1	Samples not received at proper temperature of 6°C or below.
** *	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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they withene

ARDINAL LABORATORIES
101 East Marland, Hobbs NM 88240

(505) 393-2326 FAX (505) 393-2:76

Project Manager Amanda Trujillo		1													Р	roje	ct Na	ame'				<u> </u>	enc	ome	Вап	tery			
Comp. (505) 393-2326 Yates Petroleur	n Corporation	1														F	roje	ct #:											
Company Address 105 South 4th 5	Street	-														Pro	ject	Loc:				Sect	ion	9 T.	22S	R24	Ξ		
City/State/Zip. Artesia, NM 8	3210								_			,					Р	°O #:											
Telephone No 575-748-4310					Fay No										Repo	ort F	orm	at:	x	Stan	dard			TR	RP] NF	PDES	ò
Sampler Signature		1	- ,		e-mail		<u>atr</u>	ruji	llo@	дуа	tes	petr	ole	um	.com	_												·	3
DRDER #: HZD Z393																-			TO)[P·	Ana	alyze i	-01				$\overline{\mathbb{T}}$	sati	
DRDER #: 17606595		· · · · · ·	· · · · · ·						Prose	rvation	1�	of Con	lainer	s	Matrix		90	Ī			Š		8260			il		24, 48, 72 hrs	L,
(lab use only) # (lab use only) FELD CODE		Reginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtneyd	Total # of Contemers	lce	rINO ₃	HCI	H ₂ SO ₄	Na ₂ S ₂ O ₃	None	Other (Specify)	SL±S S-Saı	UP=Non Polable Specify Other	19 TX 1005 TX 1006	Callons (Ca, Mq, Na, K)	Anions (Cl. SO4, Alkalinity)	SAR / ESP / CEC	i terals. As Ag thi Cd Cr Pb Hg Se	Volatiles Sc., svoletiles	Ä	luil	Y,O R,M	Chiondes	SAIK	RUSH TAT (Pro-Schedule) 24,	Standard TAT
west excavation Sample 1		6"	8"	9/28/2012	9 00 AM		1	х							S		х						X	- 1		х			
west excavation Sample 2		6"	8"	9/28/2012	9 00 AM		1	X			-				S	1	x			\dashv	-	+	↓×	+	-	x	+	-	
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Special Instructions: Pleas	e Place Ch	lorid	es in s	separate rep	ort.												-	Sa	mple	e Con	ntaind	nmer ers in	tact1	?		3	ر ک	N	
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October 05, 2012

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: ANENOME BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/01/12 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/qa/lab-accred-certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Cally D. Herne

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received: Reported:

10/01/2012

10/05/2012

Project Name:

ANENOME BATTERY

Project Number:

NONE GIVEN

Project Location:

SECTION 9 T22S R24E

Sampling Date:

09/28/2012

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Amanda Ponce

Sample ID: WEST EXC SAMPLE 1 (H202393-01)

Chloride, SM4500CI-B

Chloride

mg/kg

Analyzed By: HM

Analyte

Result

32.0

10/05/2012 16.0

Analyzed

Reporting Limit

Method Blank ND

ND

BS 400 % Recovery 100

True Value QC 400

RPD

0.00

Qualifier

Sample ID: WEST EXC SAMPLE 2 (H202393-02)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Analyte Result Reporting Limit Analyzed Chloride 64.0 16.0 10/05/2012

Method Blank

400

BS

100

% Recovery

True Value QC 400

RPD

0.00

Qualifier

Cardinal Laboratories

*=Accredited Analyte

PIFASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, incliningly, withink limitation, business interruptions, loss of use, or loss of profits incuried by clerit, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such Chium is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories

of the diese

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



ND

Notes and Definitions

RPID Relative Percent Difference

Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

PELASE NOTE: Lability and Damages Cardinal's lability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by chient for analyses. All claims, including those for negligence and any other cause whatsnewer shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, unclaiming, without limitation, business interruptions, loss of use, or loss of profits incurred by clerit, its subsidiaries, affiliates or successions arising out of or related to the petermance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with nettren approval of Cardinal Laboratores.

Chief Litreme

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST



ARDINAL LABORATORIES 101 East Mariand Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Project Wahager Amanda Trujil	lc														ļ	Proje	ct N	ame				<u></u>	<u>ien</u>	cme	_p at	ttery			
Comp. (505) 393-2326 Yates Petrole	um Corporation	1 '		· · · · · · · · · · · · · · · · · · ·												i	Proj	ect#											
Company Address 105 South 4th	Street						_									Pro	ojec	Loc				Sec	tion	9 T.	22 <u>S</u>	R24	E_		
City/State/Zip. Artesia NM	88210																	PO #	:										
Telephone No 575-748-4310)				Fax No										Rep	ort F	orn	nat:	х	Star	ndard	i		TF	RP.	[r	NPDE	:S
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ORDER #: HZD 2393							Į		Pruse	rvatio	11 & #	of Cor	tainer	ç	Matr	iX (ا ڌ				c l	+		_				72 h	_
(lab use only) # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	reld Filtered	Total # of Contemers	lce	HNO ₃	нсі	H,SO,	NaOH Na ₂ S ₂ O ₃	None	Other (Specify)	DW-Drinking Water SL=Sludge GW = Groundwater G+Soil/Solid	Sperify Otha	IPH 4181 R015M 8015B	Calians (Ca. Ma. Na. K.)	Amons (Ct. SO4, Alkalinity)	SAR / ESP / CEC	Herals As Ag Ba Cd Cr Po Hg S	Volatiles	STEX 80218/5030 or STEX 8050		NOR.M	Chiorides	SAR	RUSH TAT (Pro-Schedule) 21: 48, 72 hrs	Standard TAT
) west excavation Sample 1		6"	8"	9/28/2012	9 00 AM	-	1	1			1				s	Ť	x .	1	Ť				Į	X	Ť	x		1	
west excavation Sample 2		6"	8"	9/28/2012	9 00 AM		1	х							s		х						Ī,	x		х			
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Special Instructions: Plea	se Place Chi	lorid	es in s	separate rep	ort.	1			1	11		·		.	<u> </u>	L.		S	ampl	e Coi	าเลเก	nmei ers Ir eags:	ntact	?		ا ا ا	(XXX \QQQ \ XXX \	N N	. 1
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October 18, 2011

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: ANENOME ANE FEDERAL #2

Enclosed are the results of analyses for samples received by the laboratory on 10/12/11 10:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM)

Method EPA 524.4 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Celes & Keens

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

_Sincerely, ____

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

10/12/2011

Sampling Date:

10/11/2011

Reported:

10/18/2011

Sampling Type:

Soil

Project Name:

ANENOME ANE FEDERAL #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: WEST SIDE (H102198-01)

mg,	kg	Analyze	d By: AP					S-04
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	10/14/2011	ND	2.08	104	2.00	0.829	
3.87	0.050	10/14/2011	ND	2.07	103	2.00	0.173	
2.95	0.050	10/14/2011	ND	2.05	102	2.00	0.0754	
5.54	0.150	10/14/2011	ND	6.20	103	6.00	1 .3 3	
411 9	% 64.4-13	4						
mg/	kg	Analyze	d By: AB			 		
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1320	50.0	10/12/2011	ND	173	86.5	200	0.679	
5290	50.0	10/12/2011	ND	167	83.4	200	0.0336	
112 9	6 55 5-15-	4						
	Result <0.050 3.87 2.95 5.54 411 9 mg/ Result 1320 5290	<0.050 0.050 3.87 0.050 2.95 0.050 5.54 0.150 411 % 64.4-13 mg/kg Result Reporting Limit 1320 50.0 5290 50.0	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD < 0.050

Cardinal Laboratories

*=Accredited Analyte

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aley & Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

10/12/2011

Sampling Date:

10/11/2011

Reported:

Sampling Type:

Soil

Project Name:

10/18/2011 ANENOME ANE FEDERAL #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SLOP TANK (H102198-02)

BTEX 8021B	mg,	/kg	Analyze	ed By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2011	ND	2.08	104	2.00	0.829	
Toluene*	0.913	0.050	10/14/2011	ND	2.07	103	2.00	0.173	
Ethylbenzene*	2.22	0.050	10/14/2011	ND	2.05	102	2.00	0.0754	
Total Xylenes*	3.76	0.150	10/14/2011	ND	6.20	103	6.00	1.33	
Surrogate 4-Bromofluorobenzene (PIL	230 5	% 64 4-13	4						
TPH 8015M	mg/	kg	Analyze	d By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	366	10.0	10/12/2011	ND	173	86.5	200	0.679	
DRO >C10-C28	3390	10.0	10/12/2011	ND	167	83.4	200	0.0336	
Surrogate 1-Chlorooctane	111 9	6 55.5-15	4		-				
Surrogate 1-Chlorooctadecane	132 9	6 57 6-15	Q						

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PLEASE NOTE Libbility and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg in here



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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aleg & Keene



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

	Project Manager:	Amanda Trujillo		- n									_					Pro	ject	Nar	ne:_			An	eno	me A	INE	Fe	dera	ıl #2	2		
	Compi (505) 393-232	€ Yates Petroleum	n Corporatio	n	!	and the second s								.,					Pre	ojec	t #:_												_
	Company Address:	105 South 4th S	Street		!	·												P	roje	ct L	oc:	-		Ап	enc	me A	ANE	Fe	dera	ıl #2	2		
	City/State/Zip:	Artesia, NM 88	8210	· · · · · · · · · · · · · · · · · · ·																PC) #: _												
	Telephone No:	575-748-4310			!		Fax No:										R	eport	For	rmat	: [λ	Stan	dard	i]TRI	RP	[NPDE	ES	_
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LAB # ((ab use only)	FIE	LD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampied	Fleid Filtered	Total ≠. of Containers	lce	HNO ₃	HO!	H.SO ₄	NaOH Na.S.O.	None	Otner (Specify)		GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH 418 10 8015ME/4500	TX 1005	Cations (Ca. Mg, Na, K)	Anions (Cl, SOL, Alkalinity)		s Ag Ba Cd Cr Ptı Hg	Volatiles	Semivoraties		NORM	Chlorides	SAR	to talk the day of TAT Holling	KUSH 1A1 (Pre-Schedule) 44.46, 72 hrs	וביו חומשות
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October 18, 2011

AMANDA TRUJILLO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: ANENOME ANE FEDERAL #2

Enclosed are the results of analyses for samples received by the laboratory on 10/12/11 10:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM)

Method EPA 524.4 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Celey & Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

__Sincerely,_____

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

10/12/2011

Sampling Date:

10/11/2011

Reported:

10/18/2011

Sampling Type:

Soil

Project Name:

ANENOME ANE FEDERAL #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: WEST SIDE (H102198-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/15/2011	ND	400	100	400	11.3	

Sample ID: SLOP TANK (H102198-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Anaiyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/15/2011	ND	400	100	400	11.3	

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Celeg Litrema



ND

Notes and Definitions

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

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Celeg L'treene

Celey D. Keene, Lab Director/Quality Manager



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

	Project Manager:	Amanda Trujillo	<u> </u>														-	Pr	ojeci	t Na	me:_			An	eno	me	ANE	<u>: Fe</u>	der	<u>al #:</u>	<u>2</u>		
	Comp: (505) 393-2326	Yates Petroleur	m Corporation	n	:												_		Pr	ojec	t#:_												
	Company Address:	105 South 4th	Street	_	!												_	ı	^o roje	ect L	oc:			An	ienc	ome	ANE	ΞFε	der	al#	2		
	City/State/Zip:	Artesia, NM 8	8210		r											<u></u>	-			P	O #: _							···					
	Telephone No:	575-748-4310			t t		Fax No:										F	Repor	t Fo	rma	t: [λ.	Stan	dard	i		TR	:RP			NPDE	=s	
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Analytical Report 426797

for Yates Petroleum Corporation

Project Manager: Amanda Trujillo
Amenome Battery

08-SEP-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





08-SEP-11

Project Manager: Amanda Trujillo Yates Petroleum Corporation 105 South Fourth St.
Artesia, NM 88210

Reference: XENCO Report No: 426797

Amenome Battery Project Address:

Amanda Trujillo:

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 426797. 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. 426797 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 QUALITY

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



Sample Cross Reference 426797



Yates Petroleum Corporation, Artesia, NM

Amenome Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
West	S	08-30-11 09:30	3 - 3.5 ft	426797-001
Middle	S	08-30-11 09:30	2 - 2.5 ft	426797-002
East	S	08-30-11 09:30	4 - 4.5 ft	426797-003

Final 1.000

CASE NARRATIVE



Client Name: Yates Petroleum Corporation

Project Name: Amenome Battery



Project ID: Report Date: 08-SEP-11
Work Order Number: 426797 Date Received: 08/31/2011

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-869210 BTEX by EPA 8021B

SW8021BM

Batch 869210, 4-Bromofluorobenzene recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis Samples affected are: 426797-001.

4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis
Samples affected are: 426797-002, -003.

SW8021BM

Batch 869210, Ethylbenzene, Toluene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 426797-002, -003, -001,

The Laboratory Control Sample for Toluene, Ethylbenzene, m_p-Xylenes, o-Xylene is within laboratory Control Limits

Batch: LBA-869326 TPH By SW8015B Mod

SW8015B_NM

Batch 869326, C6-C10 Gasoline Range Hydrocarbons recovered below QC limits in the Blank Spike Duplicate however was within limits for the Blank Spike, therefore data is reported as is. Samples affected are: 426797-002, -003, -001.

Final 1.000



Certificate of Analysis Summary 426797

Yates Petroleum Corporation, Artesia, NM

Project Name: Amenome Battery



Project Id:

Contact: Amanda Trujillo

Project Location:

Date Received in Lab: Wed Aug-31-11 10:00 am

Report Date: 08-SEP-11

Project Manager: Brent Barron II

	-,							rroject Manager:	Diene Barron II	
	Lab Id:	426797-0	001	426797-0	002	426797-0	. 1			
Analysis Requested	Field Id:	East West	-	Middle	e	-East 1	nest			
Analysis Requested	Depth:	3-3 5 1	n l	2-2.5 f	t	4-4.5 ft				
	Matrix:	SOIL		SOIL		SOIL				
	Sampled:	Aug-30-11	09.30	Aug-30-11	09·30	Aug-30-11 (9.30			
BTEX by EPA 8021B	Extracted:	Sep-02-11	12:00	Sep-02-11	12 00	Sep-02-11 1	2:00			
	Analyzed:	Sep-03-11	15:21	Sep-03-11	15 44	Sep-03-11 1	6:08			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Benzene		ND	0 00537	ND	0 00506	ND	0 203			
Toluene		ND	0 0107	ND	0 0101	0 514	0 407			
Ethylbenzene		ND	0 00537	0 111	0 00506	1 28	0 203	***************************************		
m_p-Xylenes		ND	0 0107	0 221	0 0101	9.49	0 407			
o-Xylene -,		ND	0 00537	0 310	0 00506	2.53	0 203			
Total Xylenes		, ND	0 00537	0 531	0 00506	12.0	0 203			
Total BTEX		ND	0 00537	0 642	0 00506	13.8	0.203			
Percent Moisture	Extracted:									
	Analyzed:	Aug-31-11	15 55	Aug-31-11	15.55	Aug-31-11	15.55			
	Units/RL:	; %	RL	%	RL	%	RL			
Percent Moisture	OF A 1990 IN THE PRICE STORY COMMENTS AND ADMINISTRAL PRICE STORY	6.83	1 00	1 79	1 00	1.84	1.00			
TPH By SW8015B Mod	Extracted:	Sep-01-11	13:40	Sep-01-11	13 40	Sep-01-11 1	13.40			
	Analyzed:	i Sep-03-11	05.13	Sep-03-11	05.44	Sep-03-11 (06:15			
	Units/RL:	, mg/kg	RL	mg/kg	RL	mg/kg	RL			
C6-C10 Gasoline Range Hydrocarbons	A A CONTROL OF THE PARTY OF THE	ND	16.1	51.7	15.3	595	76 1			
C10-C28 Diesel Range Hydrocarbons	THE RESIDENCE AND	155	16.1	1980	15.3	7030	76.1			
Total TPH		155	16.1	2030	15.3	7630	76.1			

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 inakes no warranty to the end use or the data hereby presented. Our hability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brent Barron II
Odessa Laboratory Manager



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 affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- 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 quantiation limit and above the detection limit.
- 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 OA 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 OC 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.
- BRL Below Reporting Limit.
- **RL** Reporting Limit

MDL Method Detection Limit

SDL Sample Detection Limit

LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit

LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ 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 QUALITY

Houston - Dallas - San Antonio - Atlanta - Midland/Odessa - Tampa/Lakeland - Miami - Phoenix - Latin America

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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
6017 Financial Drive, Noicross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave, Phoenix, AZ 85040	(602) 437-0330	



Project Name: Amenome Battery

Work Orders: 426797,

Project ID:

Lab Batch #: 869326

Sample: 426797-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 05.13	SU	RROGATE R	ECOVERY	STUDY	
TPH By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes	• •		[D]		
I-Chlorooctane	109	99 8	109	70-135	
o-Terphenyl	56.6	49 9	113	70-135	

Lab Batch #: 869326

Sample: 426797-002 / SMP

Batch: 1

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 05:44	SURROGATE RECOVERY STUDY										
TPH By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags						
1-Chlorooctane	113	99.9	113	70-135							
o-Terphenyl	60.0	50.0	120	70-135	 -,						

Lab Batch #: 869326

Sample: 426797-003 / SMP

Batch:

Matrix: Soil

Units: mg/kg Date Analyzed:	09/03/11 06:15	SURROGATE F	ECOVERY	STUDY	
TPH By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
I-Chlorooctane	114	99 6	114	70-135	
o-Terphenyl	45 2	49.8	91	70-135	

Lab Batch #: 869210

Sample: 426797-001 / SMP

Batch:

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 15:21	St	JRROGATE R	ECOVERY S	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes		ļ	[D]		
1,4-Dırluorobenzene	0 0287	0 0300	96	80-120	
4-Bromofluorobenzene · · · · · · · · · · · · · · · · · ·	·0.0198 ·-	0.0300 -	- 66	80-120 -	*

Lab Batch #: 869210

Sample: 426797-002 / SMP

Batch: 1

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11	15:44 SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			[5]	Ī	
I,4-Dıfluorobenzene	0.0253	0.0300	84	80-120	
4-Bromofluorobenzene	0.0505	0.0300	168	80-120	*

^{*} Surrogate outside of Laboratory QC limits

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

^{***} Poor recoveries due to dilution



Project Name: Amenome Battery

Work Orders: 426797,

Project ID:

Lab Batch #: 869210

Sample: 426797-003 / SMP

Batch:

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 16:08	SU	IRROGATE RI	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			101		
1,4-Difluorobenzene	0.0260	0.0300	87	80-120	
4-Bromofluorobenzene	0.0435	0.0300	145	80-120	*

Lab Batch #: 869326

Sample: 610994-1-BLK / BLK

Batch:

Matrix: Solid

Units: mg/kg Date Analyzed: 09/03/11 02:06	SU	RROGATE R	ECOVERY	STUDY	· <u>-</u> .
TPH By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.1	100	86	70-135	
o-Terphenyl	44.4	50.0	89	70-135	-

Lab Batch #: 869210

Sample: 610920-1-BLK / BLK

Batch: 1

Matrix: Solid

Units: mg/kg	Date Analyzed: 09/03/11 08:30	SU	RROGATE R	ECOVERY	STUDY	
ВТЕ	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1,4-Dıfluorobenzene		0 0282	0 0300	94	80-120	
4-Bromotluorobenzene		0.0256	0 0300	85	80-120	

Lab Batch #: 869326

Sample: 610994-1-BKS/BKS

Batch:

Matrix: Solid

Units: mg/kg Date Analyzed: 09/03/11 01:03	SU	RROGATE RI	ECOVERY	STUDY	
TPH By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes	_				
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	42 9	50.1	- 86 -	-70-135	

Lab Batch #: 869210

Sample: 610920-1-BKS / BKS

Batch: 1

Matrix: Solid

Units: mg/kg Date Analyzed: 09/03/11 06:59	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			1-7		
1,4-Dıfluorobenzene	0 0297	0 0300	99	80-120	
4-Bromofluorobenzene	0 0279	0 0300	93	80-120	

^{*} Surrogate outside of Laboratory QC limits

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

^{***} Poor recoveries due to dilution



Project Name: Amenome Battery

Work Orders: 426797,

Project ID:

Lab Batch #: 869326

Sample: 610994-1-BSD / BSD

Batch: Matrix: Solid

Units: mg/kg Date Analyzed: 09/03/11 01:34	SU	RROGATE R	ECOVERY	STUDY	
TPH By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			121		
1-Chlorooctane	96 2	99.9	96	70-135	
o-Terphenyl	40.5	50.0	81	70-135	

Lab Batch #: 869210

Sample: 610920-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg

Date Analyzed: 09/03/11 07:21

SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0285	0.0300	95	80-120	
4-Bromofluorobenzene	0.0279	0.0300	93	80-120	

Lab Batch #: 869326

Sample: 426704-001 S / MS

Batch:

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 10:32	SU	RROGATE R	ECOVERY	STUDY	
TPH By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1-Chlorooctane	112	101	111	70-135	
o-Terphenyl	46.3	50.3	92	70-135	

Lab Batch #: 869210

Sample: 426978-002 S / MS

Batch:

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 12:43	SURROGATE RECOVERY STUDY									
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags					
Analytes			[D]							
1.4-Difluorobenzene	0.0284	0.0300	95	80-120						
4-Bromofluorobenzene	0 0276	0 0300	92	80-120						

Lab Batch #: 869326

Sample: 426704-001 SD / MSD

Batch: 1

Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 1	1:03 SU	RROGATE R	ECOVERY	STUDY	**********
TPH By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
I-Chlorooctane	102	99 5	103	70-135	
o-Terphenyl	40 8	49.8	82	70-135	

^{*} Surrogate outside of Laboratory QC limits

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

^{***} Poor recoveries due to dilution



Project Name: Amenome Battery

Work Orders: 426797,

Project ID:

Lab Batch #: 869210

Sample: 426978-002 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg Date Analyzed: 09/03/11 13:	:05 SU	IRROGATE RI	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R D	Control Limits %R	Flags
Analytes			(10)		
1,4-Dıfluorobenzene	0.0264	0.0300	88	80-120	
4-Bromofluorobenzene	0 0257	0.0300	86	80-120	

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes

^{*} Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



BS / BSD Recoveries



35

Project Name: Amenome Battery

Work Order #: 426797

Analyst: ASA Date Prepared: 09/02/2011

< 0.00100

Project ID:

Date Analyzed: 09/03/2011

Lab Batch ID: 869210

Analytes Benzene

Toluene

Ethylbenzene

Sample: 610920-1-BKS

Sample: 610994-1-BKS

Batch #: 1

105

0.100

Matrix: Solid

71-129

Units: mg/kg

BTEX by EPA 8021B

		BLANI	K/BLANK S	SPIKE / E	BLANK S	PIKE DUPI	ACATE F	RECOVE	ERY STUD) Y	
	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	Fla
-	<0.00100	0.100	0.111	111	0.100	0.108	108	3	70-130	35	
	<0 00200	0.100	0 0974	97	0 100	0.0965	97	1	70-130	35	

0 104

104

m p-Xylenes < 0 00200 0 200 0.209 105 0.200 0 209 105 70-135 35 o-Xylene < 0 00100 0.100 0.0980 98 0.100 0.0975 98 71-133 35 Date Analyzed: 09/03/2011 Analyst: BBH **Date Prepared:** 09/01/2011 Matrix: Solid

Batch #: 1

0.105

0.100

Unite mg/kg

Lab Batch ID: 869326

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Units. "5"5	<u> </u>										
TPH By SW8015B 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]	Bik. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C10 Gasoline Range Hydrocarbons	<15.0	1000	706	71	999	678	68	4	70-135	35	L
C10-C28 Diesel Range Hydrocarbons	<15,0	1000	814	81	999	784	78	4	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 / MSD Recoveries



Project Name: Amenome Battery

Work Order #: 426797

Project ID: Matrix: Soil

Lab Batch ID: 869210 **Date Analyzed:** 09/03/2011

QC - Sample 1D: 426978-002 S

Batch #:

Date Prepared: 09/02/2011

Analyst: ASA

Reporting Units: mg/kg		N	IATRIX SPIK	E / MAT	RIX SPI	KE DUPLICA	TE REC	OVERY	STUDY		
BTEX by EPA 8021B	Parent Sample	Spike	Spiked Sample Result	Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Tradea	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
Benzene	<0 000998	0 0998	0 0798	80	0.100	0 0718	72	11	70-130	35	
Toluene	< 0.00200	0.0998	0.0665	67	0 100	0.0580	58	14	70-130	35	X
Ethylbenzene	< 0 000998	0.0998	0.0641	64	0.100	0 0520	52	21	71-129	35	Х
m p-Xvlenes	< 0.00200	0.200	0.123	62	0.200	0.0983	49	22	70-135	35	X

0.0543

Lab Batch ID: 869326

o-Xylene

< 0 000998

QC-Sample ID: 426704-001 S

0 0998

Batch #:

54

Matrix: Soil

21

71-133

35

X

0 0438

Date Analyzed: 09/03/2011

Date Prepared: 09/01/2011

Analyst:

0.100

BBH

Reporting Units: mg/kg	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
TPH By SW8015B Mod Analytes	Parent Sample Result	Spike	Spiked Sample Result	Sample		Duplicate Spiked Sample	•	RPD	Control Limits	Control Limits	Flag
	[A]	Added [B]	{C}	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
C6-C10 Gasoline Range Hydrocarbons	<16.3	1090	810	74	1080	762	71	6	70-135	35	
C10-C28 Diesel Range Hydrocarbons	<163	1090	988	91	1080	895	83	10	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference RPD = 200*[(C-f)/(C+f)]

ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E



Sample Duplicate Recovery

<1.00



Project Name: Amenome Battery

Work Order #: 426797

Lab Batch #: 868917

Project ID:

0

Date Prepared: 08/31/2011

Analyst: BRB

QC- Sample ID: 426801-003 D

Date Analyzed: 08/31/2011 15.55

Percent Moisture

Analyte

Batch #: 1

Matrix: Soil

Reporting	Units:	%
-----------	--------	---

Percent Moisture

SAMPLE
Parent Sample Result [A]

<1.00

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax. 432-563-1713

	Project Manager	Amanda Trujillo														_	Pi	ojec	t Na	me:					4me	non	ne f	<u>3att</u>	ery				_
	Company Name	Yales Petroleum Corporat	ion	on											Ρ	rojec	:t #:													_			
	Company Address:	105 South 4th Street																Proj	ect L	et Loc:													
	City/State/Zip	Artesia, NM 88210																		PO #: 12693													
	Telephone No:	575-748-431	0			Fax No:		575	-748	-45	B5						Repo	rt Fo	rma	t:		Sta	ndar	rd	[- 	TRR	 {P	Γ		NPDE	s	
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	Sampler Signature.					·				===	<u></u>	0 (0	215	.00	90.		<u> </u>	<u> </u>					Ar	nalyz	e Fr	or:	_		***************************************	-		٦	
(lab use	only)	7/426798																F			TO	CLP TAL:			\exists	\exists					25		
ORDEF	1#: 42679-	7/426798							F	rese	rvatio	n & #	# of C	ontair	iers		Matrix	8015B	T				Se	П		2					18. 72	L	
LAB # (lab use only)	FIEI	LD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	lce	HNO3	HCI	H ₂ SO ₄	NaOH	Na,S ₂ O ₃	Other (Specify)	OW=Droking Water St =Studge	GW = Groundwater S=Soil/Solid	118 1 8015M	ļ ē	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	NORM	Chlorides	TLCP	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	Standard IAI
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	N	Middle	2'	2.5"	8/30/2011	9:30 AM			х						1		S	x	ļ							х	T		х			X	_
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SA	Fred	08/30/11	1	5 PM																Cus	stody	y se	als c	on co	ooler	(s)	s)		Ć	Z)	(V)	,	
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XENCO Laboratories

Atlanta, Boca Raton, Corpus Chnsti, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist

Document No : SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Y	alra	Potro	leum		•	•			
	85		10.						
Date/Time:	<u> </u>		7	<u>. 798</u>					
Lab ID#:		42670	11774	<u>c (70</u>					
Initials:		93							
			5	Sample Receip	t Check	list	_		
1. Samples o	n ice?					Blue	Water	No	
2. Shipping o	ontainer in	good cond	tion?			Yes	No	None	
3. Custody se	eals intact o	on shipping	container (c	ooler) and bottles	À	(Yes)	No	N/A	
4. Chain of C	ustody pres	sent?				(AS)	No		
5. Sample ins	tructions c	omplete on	chain of cus	tody?		Yes	No		
6. Any missir	ng / extra sa	imples?				Yes	Na		
7. Chain of c	ustody sign	ed when re	linguished / i	received?		(Yes)	No		
8. Chain of c	ustody agre	es with san	nple label(s)1	?		Yes	No		
9. Container	labels legib	le and intac	t?			Yes	No		
10. Sample m	natrix / prop	erties agree	with chain	of custody?		(Yes)	No		
11. Samples	in proper co	ontainer / bo	ottle?			Yes	No		
12. Samples	properly pr	eserved?				Yes	No	N/A	
13. Sample c	ontainer int	act?	- · · · · · · · · · · · · · · · · · · ·			Øes .	No		
14. Sufficient	sample arr	ount for inc	licated test(s	s)?		Yes	No		
15. All sample	es received	within suff	icient hold ti	me?		Yes	No		
16. Subcontra	act of samp	le(s)?				Yes	No	(N/A)	
17. VOC sam	ple have ze	ro head spa	ce?			Yes	No	N/A	
18. Cooler 1 !	No.	Cooler 2 N	o	Cooler 3 No.		Cooler 4 No	·	Cooler 5 No.	
lbs	1.5 ℃	lbs	°c	lbs	°c	lbs	°C	lbs	°c
			None	onformance I	ocume	ntation			
Contact:				<i>f</i> :			Date/Time:		
				/ 		 '	Date/Talle.		
Regarding:									
			 						
Corrective Ac	tion Taken	:							
							*		
Check all that	tapply:	Cooling	oces has he	gun shortly after	samolina	event and or	it of tempo	ratura	
		cond	ition accepta	ible by NELAC 5.5	i.8.3.1.a.1.			1 M E G 1 G	

□ Client understands and would like to proceed with analysis

Analytical Report 426798

for

Yates Petroleum Corporation

Project Manager: Amanda Trujillo
Amenome Battery

08-SEP-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





08-SEP-11

Project Manager: Amanda Trujillo Yates Petroleum Corporation 105 South Fourth St.
Artesia, NM 88210

Reference: XENCO Report No: 426798

Amenome Battery Project Address:

Amanda Trujillo:

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 426798. 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. 426798 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

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Sample Cross Reference 426798



Yates Petroleum Corporation, Artesia, NM

Amenome Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
West	S	08-30-11 09:30	3 - 3.5 ft	426798-001
Middle	S	08-30-11 09:30	2 - 2.5 ft	426798-002
East	S	08-30-11 09:30	4 - 4.5 ft	426798-003

CASE NARRATIVE



Client Name: Yates Petroleum Corporation

Project Name: Amenome Battery



Project ID:

Work Order Number: 426798

Report Date: 08-SEP-11 Date Received: 08/31/2011

Sample receipt non conformances and comments:

None

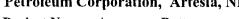
Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 426798

Yates Petroleum Corporation, Artesia, NM



Project Name: Amenome Battery

Date Received in Lab: Wed Aug-31-11 10.00 am

Report Date: 08-SEP-11

Contact: Amanda Trujillo **Project Location:**

Project Id:

oject Escation.								Project Manager	: Brent Barron II	
	Lab Id:	426798-0	01	426798-0	02	426798-0	03			
Analysis Requested	Field Id:	West		Mıddle		East				
Analysis Requested	Depth:	3-3.5 f	t	2-2.5 ft	. }	4-4.5 ft	:			
	Matrix:	SOIL		SOIL		SOIL				
	Sampled:	Aug-30-11	09.30	Aug-30-11 (09.30	Aug-30-11 (09:30			
Anions by E300	Extracted:									
	Analyzed:	Sep-01-11	08.19	Sep-01-11 (8:19	Sep-01-11 (08:19			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL			
Chloride		382	9 02	167	8.55	47.4	4.28			
Percent Moisture	Extracted:									
	Analyzed:	Aug-31-11	15.55	Aug-31-11	15:55	Aug-31-11	15:55			
	Units/RL:	%	RL	%	RL	%	RL			
Percent Moisture		6.83	1.00	1.79	1 00	1.84	1.00			

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

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin Ainerica - Odessa - Corpus Christi

Final 1.000

Brent Barron II Odessa Laboratory Manager

Page 5 of 11



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 affect the recovery of the spike concentration. This condition could also affect 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 quantiation limit and above the detection limit.
- 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.
- BRL Below Reporting Limit.
- RL Reporting Limit

MDL Method Detection Limit SDL Sample Detection Limit LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

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	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
6017 Financial Drive, Norcross, GA 30071	(770) 449-8800	(770) 449-5477
3725 E. Atlanta Ave, Phoenix, AZ 85040	(602) 437-0330	



BS/BSD Recoveries



Project Name: Amenome Battery

Work Order #: 426798

Analyst: BRB

Date Prepared: 09/01/2011

Project ID:

Date Analyzed: 09/01/2011

Lab Batch ID: 869030

Sample: 869030-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg	BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY														
Anions by E300	Blank Sample Result [A]	Spike Added	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]								
Chloride	<0.840	20 0	22.6	113	20 0	22.4	112	1	75-125	20					

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

10

Project Name: Amenome Battery

Work Order #: 426798

Lab Batch #: 869030 **Date Analyzed:** 09/01/2011

Project ID:

Date Prepared: 09/01/2011

Analyst: BRB

QC-Sample ID: 426798-001 S

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg MATRIX SPIKE RECOVERY STUDY													
Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag							
Chloride	382	215	647	123	75-125								

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

BRL - Below Reporting Limit

Final 1.000



Sample Duplicate Recovery



Project Name: Amenome Battery

Work Order #: 426798

Lab Batch #: 869030 Project ID:

 Date Analyzed:
 09/01/2011 08.19
 Date Prepared:
 09/01/2011
 Analyst:
 BRB

 QC- Sample ID:
 426798-001 D
 Batch #:
 1
 Matrix:
 Soil

Reporting Units: mg/kg	SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Anions by E300 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chlonde	382	387	1	20	

Lab Batch #: 868917

 Date Analyzed:
 08/31/2011 15 55
 Date Prepared:
 08/31/2011
 Analyst:
 BRB

 QC- Sample ID:
 426801-003 D
 Batch #:
 1
 Matrix:
 Soil

Reporting Units: %	SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	<1.00	<1.00	0	20	

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager.	Amanda Truji	illo														_	Pr	ojec	t Na	me:				Am	eno	me	Bat	tery			
	Company Name	Yates Petrole	um Corporat	ation									_		Pı	ojec	t #:_															
	Company Address	105 South 4th	n Street	·		···											_	ĺ	Proje	ect L	oc:											
	City/State/Zip	Artesia, NM	88210																			1269										
	Telephone No:		575-748-431	10			Fax No		575	-748	-458	35					- 	Repor	t Fo	rmai	:	ΧĘ	Stanc	lard			TRF	 २Р		٦١	IPDE:	 S
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LAB # (lab use only)	FIE	ELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Ice	HNO ₃	HCI	H ₂ SO ₄	NaOH Na-S-O ₃	None	Other (Specify)	DW=Drinking Water SL≖Sludge	GW = Groundwater S=Soit/Solid NP=Non-Polable Specify Other	8015M	TX 1005 TX 10	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	Malak As As Ba CA Cr Bh Ha	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	NORM	Chlorides	TLCP	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
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03		East		4'	4.5"	8/30/2011	9:30 AM			х								s	x	1						х			х			Х
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XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist

Document No., SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates Petroleum	·	-			
Date/Time: 8 51-11 10-00					
Lab ID#: 426797/426798					
Initials: $G\mathcal{E}$					
	 eceipt Check	list			
1. Samples on ice?		Blue	Water	No	
2. Shipping container in good condition?		Yes	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?		(Yes)	No	N/A	
4. Chain of Custody present?		(Yes)	No		
5. Sample instructions complete on chain of custody?		Yes	No		
6. Any missing / extra samples?		Yes	No		
7. Chain of custody signed when relinquished / received?		Yes	No		
8. Chain of custody agrees with sample label(s)?		Yes	No		
9. Container labels legible and intact?		Yes	No		
10. Sample matrix / properties agree with chain of custody?		(Yes)	No		
11. Samples in proper container / bottle?		Yes	No		
12. Samples properly preserved?		Yes	No	N/A	
13. Sample container intact?		Ø€s	No		
14. Sufficient sample amount for indicated test(s)?		Yes	No		
15. All samples received within sufficient hold time?		Yes	No		
16. Subcontract of sample(s)?		Yes	No	(N/A)	
17. VOC sample have zero head space?			No	N/A	
18. Cooler 1 No. Cooler 2 No. Cooler 3 N	0.	Cooler 4 No.		Cooler 5 No.	
lbs /.5°c lbs °c	lbs °C	lbs	°C	lbs	°c
Nonconforma	nce Docume	ntation			
Contact:Contacted by:			Date/Time:_		
Regarding:					
Corrective Action Taken:					
Check all that apply: ☐ Cooling process has begun shortly condition acceptable by NEL ☐ Initial and Backup Temperature co	AC 5.5.8.3.1.a.1.			rature	

□ Client understands and would like to proceed with analysis