District II——
1301 W. Grand Avenue, Artesia, NM 88210 A 2011
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505 District II

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

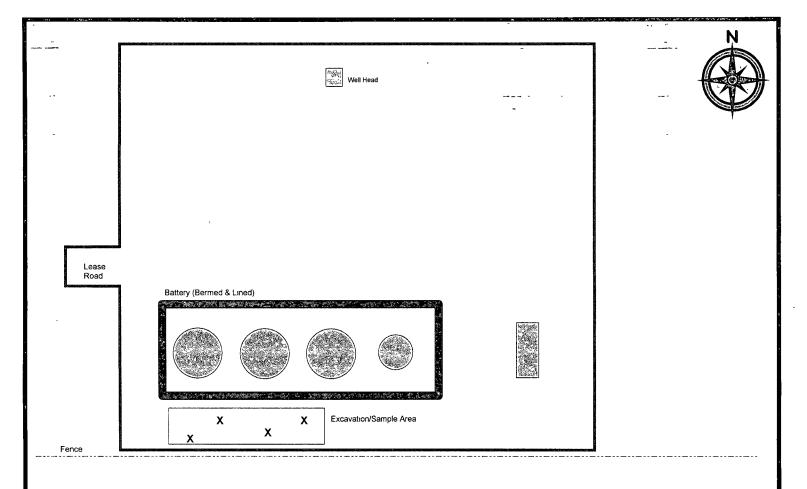
> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

- Revised October 10, 2003

Form C-141

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

ė	Release Notification and Corrective Action OPERATOR ☐ Initial Report ☐ Final Report															
				0	PERA	TOR			Initia	l Report		Final Report				
Name of Co	mpany			OGRID Nur	nber	Contact				***************************************						
Yates Petro	leum Corp	oration		25575		Robert Ash										
Address 104 S. 4 TH S	744					Telephone I										
Facility Nar				API Number		575-748-14 Facility Typ										
Gill BGJ #1				30-025-3710		Battery) C									
										-						
Surface Ow Fee	ner			Mineral (Owner ———				Lease N	No.						
_		T					LEASEAP #				60					
Unit Letter L	Section 29	Township 9S	Range 35E	Feet from the 1650	1	South Line South	Feet from the 660		Vest Line Vest	County Lea						
	1		r	Latitude 33.	50238	_ Longitud	e_103.38888									
				NAT	URE	OF REL		WA	RERO	150'						
Type of Rele						Volume of 25 B/PW	Release		Volume I 20 B/PW	Recovered						
Produced Wa Source of Re				•			lour of Occurrenc	e	-	Hour of Disc						
Flow line	10000					3/29/2010			3/29/201		,0 ver j					
Was Immedia	ate Notice (Yes [] No □ Not R	equired	If YES, To Larry Hill/										
By Whom?						Date and I										
Robert Asher		oleum Corpoi	ation			3/29/2011,	PM olume Impacting t	h a Wata								
was a water	course Read		Yes 🗵] No		N/A	nume impacting t	ne wate	rcourse.							
If a Watercou	ırse was Im	pacted, Descr				'										
Describe Cau	ise of Probl	em and Reme	dial Actio	n Taken.*	•											
		n truck called														
		and Cleanup A			n truck i	recovered ren	naining produced	water V	ertical/hor	rizontal delin	eation	samples will				
be taken and	analysis rar	n for TPH & F	BTEX, (ch	lorides for docum	entation). If initial a	nalytical results fo	or TPH &	k BTEX a	re under RRA	\L's a	Final Report,				
C-141 will be	submitted	to the NMOC	D request	ing closure. Dept	h to Gr	ound Water:	>100' (approx. 1	135', per	r Chevron	Texaco Tre	nd Ma	ар), три <i>е</i>				
							NKING IS 0. Ba soils excavated, Y									
I hereby certi	fy that the i	information g	iven above	e is true and comp	lete to t	he best of my	knowledge and u	nderstan	d that purs	suant to NM(OCD r	ules and				
regulations al	ll operators	are required t	o report a	nd/or file certain r	elease n	otifications a	nd perform correc	tive acti	ons for rel	eases which	may e	ndanger				
should their of	or the envi	ronment. The	acceptant	ce of a C-141 repo	ort by the remediat	e NMOCD m e contaminati	arked as "Final Re on that pose a thre	eport" de	oes not rel	ieve the oper	ator of	f liability				
or the environ	nment. In a	iddition, NMC	OCD accer	stance of a C-141	report d	oes not reliev	e the operator of i	responsil	bility for c	ompliance wa	ith an	v other				
federal, state,												,				
OIL CONSERVATION DIVISION																
Signature:																
						Approved by	District Supervisor									
Printed Name	e: Robert A	sher						<u> </u>	e for Like	we						
Title: Enviro	nmental Re	gulatory Ager	nt			Approval Da	te: 06/17/11	E	Expiration	08/17	111					
E-mail Addre	ess: boba@g	yatespetroleur	n.com			Conditions of	f Approval: 508v	MKT FI	NAL	A4411						
Date: M. 1		2011	DI. 5	75 740 4017		C-1446	34,08113/11		_	Attached	_	1-2717				
Date: Monda	y, June 13,	2011	Phone: 5	75-748-4217	1	1RP-06-()	ーノコハコ			I MIVI "U(d	۱۱۰ - د	-6111				



Analytical Report- 413424 & 413426	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	4/13/2011	Comp/Auger	6" (2.5' BSL)	0.173	110	522	632	4500
Comp-01.0	Release Area	4/13/2011	Comp/Auger	12" (3.0' BSL)	0.013	29.1	388	417.1	4160
Analytical Report 416495 & 416505	THE WAR IS TO A PARTY THE	Sample Date	* Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	5/10/2011	Comp/Auger	6" (3.5' BSL)	ND	ND	632	632	4200
Comp-01.0	Release Area	5/10/2011	Comp/Auger	18" (4.0' BSL)	ND	ND	398	398	3950

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 135', per Trend Map).

All results are ppm. BSL - Below Surface Level. **X - Sample Points** Released: 25 B/PW; Recovered: 20 B/PW. Release Date: 3/29/2011



Gill BGJ #1

30-025-37103

Section 29, T9S-R35E

Lea County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 413424 & 413426 Report Date: 4/18/2011 Xenco Report #:416495 & 416505

Report Date: 5/18/2011

Prepared by Robert Asher Environmental Regulatory Agent

Analytical Report 416505

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Gill BGJ #1

MOBBS OCD

30-025-37103

JUN 1 4 2011

18-MAY-11

RECEIVED



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 (AZ0738), 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-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917) North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

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





18-MAY-11

Project Manager: Robert Asher Yates Petroleum Corporation
105 South Fourth St

105 South Fourth St. Artesia, NM 88210

HOBBS OCD

JUN 1 4 2011

RECEIVED

Reference: XENCO Report No: 416505

Gill BGJ #1

Project Address: Lea County

Robert Asher:

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 416505. 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. 416505 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 416505



Yates Petroleum Corporation, Artesia, NM

Gill BGJ #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp- 00.5	S	May-10-11 11:55	6 - 6 In	416505-001
Comp- 01.0	S	May-10-11 12:12	12 - 12 In	416505-002

CASE NARRATIVE



Client Name: Yates Petroleum Corporation

Project Name: Gill BGJ #1



Project ID:

30-025-37103

Work Order Number: 416505

Report Date: 18-MAY-11 Date Received: 05/13/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-856077 Anions by E300

Chloride %RPD for Sample/ Sample Duplicate is above QC Limt. Samples affected are:

416505-001 and -002

Final 1.000



Certificate of Analysis Summary 416505

Yates Petroleum Corporation, Artesia, NM

Project Name: Gill BGJ #1



Project Id: 30-025-37103

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri May-13-11 09:30 am

Report Date: 18-MAY-11

roject Location: Lea County						Project Manager: Brent Barron, II
	Lab Id:	416505-0	001	416505-0	02	
Analysis Requested	Field Id:	Comp- 0	0.5	Comp- 01	0	
Anaiysis Kequesieu	Depth:	6-6 In		12-12 In	n	
	Matrix:	SOIL		SOIL		
	Sampled:	May-10-11	11:55	May-10-11	12.12	
Anions by E300	Extracted:					
	Analyzed:	May-13-11	22:25	May-13-11 2	22.25	
	Units/RL:	mg/kg	RL	mg/kg	RL	
Chloride		4200	96.8	3950	98 0	0
Percent Moisture	Extracted:					
	Analyzed:	May-13-11	17:00	May-13-11	17:00	
	Units/RL:	%	RL	%	RL	
Percent Moisture		13.2	1.00	14.3	1.00	0

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 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.
- **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.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- LOD Limit of Detection
- LOQ Limit of Quantitation
- DL Method Detection Limit
- * 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 - 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

Environmental Lab of Texas

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West 1-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager:	Robert Asher														_		Proj	ect l	lam	e: <u>C</u>	ill	BC	J ‡	!1_								
	Company Name	Yates Petroleum Corpo	oration																Proj	ect	#: <u>3</u>	0-0	<u> 25-</u>	3710)3_								_
	Company Address:	105 South 4th Street				`										_		Pr	ojec	t Lo	c: <u>L</u>	ва С	oun	ty									
	City/State/Zip:	Artesia, NM 88210					_						_							PO	#: <u>1</u>	056	32_										
	Telephone No:	575-748-4217	$\overline{)}_{0}$			Fax No:		575								_	•	ort	Forn	at:	Ľ]s	tand	ard			TRI	RP	ļ		NPD	ES	
	Sampler Signature:					e-mail:		00	ba	<u>(0.)</u>	ate	esp	etr	oleu	ım.	cor	<u>n</u>	Г		-				naly	ze F	or:		_			_	7	1
(lab use	only)	Chlorides																İ				TCL	P·	Ľ							\sqcap	Ę	į
ORDE	a#: 416495 /1	416505						,		roso	nyatio	on &	# of (Contair	ners	т	Matr	J	m	$\overline{}$	- [OTA		+	\sqcup					Í	. (1	48, 72 hrs	l
# (lab use only)			Beginning Depth	Ending Depth	Date Sampled	Time Sampled	ield Filtered	Total # of Containers		33		H ₂ SO ₄	NaOH 6		(Specify)	St=Studoe	S=Soll/Solid	n-Potable Specify Other	8015M	IPH: 1A 1005 1A 1006	Cations (Ca, Mg, Na, K)	SAD / ESD / CC	Metals As Ao Ba Cd Cr Pb Ho Se		Semivolatiles	BTEX 8021B/5030 or BTEX 8260		NORM.	Chlorides	*	1	e-Schedule) 24,	Standard TAT
<u> </u>	 	.D CODE		T	 		ü	101	\vdash	Ī	Ĭ	<u> </u>	ž	ž	ŽĈ	ă		-+	-	- (3 5	Ú	Ž	<u> *</u>	တီ	1	Ş	ž	\rightarrow	-		_	
001	<u> </u>	mp-00.5	6"	6"	5/10/2011	11:55 AM	<u> </u>		Х	_	4			4	+	╀	<u>_s</u>	_	X	+	4	╀	-	╄	┦	X	\vdash	\vdash	X		-+	\neg	X
002	Cor	np-01.0	12"	12"	5/10/2011	12:12 PM	<u> </u>	\sqcup	Х	_	4		_	4		1	<u>s</u>	-	X	+	_	+	+	_	\sqcup	X		\vdash	X	_	4	4	X
				<u> </u>				Ш		_	_	_	_	4		\perp		_	_	1	\perp	4-	4-	↓_	$oxed{oxed}$	\sqcup	<u> </u>	1	$\vdash \dashv$	_	4	4	
				<u> </u>			<u> </u>						\Box	_		\perp		_		1	┵		_	_	\sqcup	Ш		Ш	\Box	_	4	\bot	_
				<u> </u>			_				\sqcup					L			\bot		\perp			L	\square	\square		Ш		\sqcup			
																1							1_								$oldsymbol{\perp}$		
																							1		1								
																			T			1								\neg		T	
	PLEASE PUT CHL	ORIDES										_		\top	T				\top	Ţ			Γ	Г	П			Π	Т	\Box	\top	Т	
	ON SEPARATE RE							П								Τ			T	7	Τ	Τ		Π		П		\Box		\exists	T	T	
Special	Instructions:	TPH 8015M, E	STEX 80	21B 8	CHLORIDES	3. ALL results	in	mg/	/kg.			•			•				•	s	amp	le C	onta	iners	nents Inta	ct?			(?	N		_ >
Relinquis		Date	Ti	me	Received by:		_		_					T	D	ate		Ť	ime	∣∟	ab o l:	s on	con	aine					ς	2	Ž	سعم ا	
Robert As Relinquis	hed by:	05/12/1 Date		me	Received by	······································						_		+	C	ate		1	ime	- C s	usto amp bv	dy s le H Sar	eais and	on o Deliv /Clie	coolei vered nt Re	r(s) ` ! .p. ?		_	Fedi))) ×	N N N N N Lone:	l I I Star	r
Relinquisl	hed by:	Date	Ti	me	Received by ELC	lundock								٤	D 5-17	ate 5-1	J.	9 :	me 30	Т	emp	erat	ure l	Jpon	UPS 72. Rec	9/0 eipt:	C			3.1			



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: Yakes	_				
Date/Time: 5-13-11 9:30	_				
Lab 10#: 416495/416505-Chlorides					
Initials: LM					
Sample Rece	– ipt Checki	ist			
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 bottle	es?	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?		(Yes)	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?		Yes	No	(N/A)	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.		Cooler 4 No).	Cooler 5 No.	
Ibs 3.\ °C Ibs °C Ib	s °C	lbs	°c	lbs	သိ
Nonconformance	e Docume	ntation			
Contact:Contacted by:			Date/Time:		
Regarding: Spoke with Robert Asher ar run 8015B not 8015M as listed in the	nd conf	irmed	that	he wante	d bo
	u opi	17130		U.J. V.	
Corrective Action Taken:					
			·· · · · · · · · · · · · · · · · · · ·		
Check all that apply: Cooling process has begun shortly aff condition acceptable by NELAC			ut of tempe	rature	

☐ Initial and Backup Temperature confirm out of temperature conditions

□Client understands and would like to proceed with analysis

Analytical Report 416495

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Gill BGJ #1

30-025-37103

18-MAY-11

HOBBS OCD

JUN 1 4 2011



RECEIVED

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 (AZ0738), 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-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917) North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816) Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

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





18-MAY-11

Project Manager: Robert Asher Yates Petroleum Corporation 105 South Fourth St.

Artesia, NM 88210

Reference: XENCO Report No: 416495

Gill BGJ #1

Project Address: Lea County

Robert Asher:

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 416495. 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. 416495 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 416495



Yates Petroleum Corporation, Artesia, NM

Gill BGJ #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp- 00.5	S	May-10-11 11:55	6 - 6 In	416495-001
Comp- 01.0	S	May-10-11 12:12	12 - 12 In	416495-002

CASE NARRATIVE



Client Name: Yates Petroleum Corporation

Project Name: Gill BGJ #1



Project ID:

30-025-37103

Work Order Number: 416495

Report Date: 18-MAY-11

Date Received: 05/13/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

Analytical Non Conformances and Comments:

Batch: LBA-856222 BTEX by EPA 8021B

SW8021BM

Batch 856222, Benzene, Ethylbenzene, Toluene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 416495-001, -002.

The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, m_p-Xylenes, o-Xylene is

within laboratory Control Limits

SW8021BM

Batch 856222, Benzene, Ethylbenzene, Toluene, o-Xylene RPD was outside QC limits. Samples affected are: 416495-001, -002

Batch: LBA-856472 TPH By SW8015B Mod

SW8015B NM

Batch 856472, C10-C28 Diesel Range Hydrocarbons recovered below QC limits in the Matrix

Spike Duplicate.

Samples affected are: 416495-001, -002.

The Laboratory Control Sample for C10-C28 Diesel Range Hydrocarbons is within laboratory

Control Limits

Final 1 000



Certificate of Analysis Summary 416495

Yates Petroleum Corporation, Artesia, NM

Project Name: Gill BGJ #1



Project Id: 30-025-37103

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri May-13-11 09:30 am

Report Date: 18-MAY-11

Project Manager: Brent Barron, II

						 Froject Manager:	Diene Burron, 11	
	Lab Id:	416495-0	001	416495-0	02			
Analysis Requested	Field Id:	Comp- 0	0.5	Comp- 01	.0			
Amerysis Requesicu	Depth:	6-6 In		12-12 Ir	ւ			
	Matrix:	SOIL		SOIL				
	Sampled:	May-10-11	11:55	May-10-11 1	12 12			
BTEX by EPA 8021B	Extracted:	May-13-11	14.50	May-13-11 1	14.50			
	Analyzed:	May-16-11	14.32	May-16-11 1	15.03			
	Units/RL:	mg/kg	RL	mg/kg	RL			
Benzene		ND	0 0012	ND	0 0012			
Toluene		ND	0.0023	ND	0 0023			
Ethylbenzene		ND	0.0012	ND	0 0012			
m_p-Xylenes		ND	0.0023	ND	0 0023			
o-Xylene		ND	0.0012	ND	0.0012			
Total Xylenes		ND	0.0012	ND	0 0012			
Total BTEX		ND	0.0012	ND	0 0012			
Percent Moisture	Extracted:							
	Analyzed:	May-13-11	17:00	May-13-11 1	17 00			
	Units/RL:	%	RL	%	RL			
Percent Moisture		13.2	1.00	14.3	1.00			
TPH By SW8015B Mod	Extracted:	May-17-11	10.00	May-17-11 1	10 00			
	Analyzed:	May-18-11	01 10	May-18-11 (09·29			
	Units/RL:	mg/kg	RL	mg/kg	RL			
C6-C10 Gasoline Range Hydrocarbons		ND	17.2	ND	17.5			
C10-C28 Diesel Range Hydrocarbons		632	17 2	398	17.5			
Total TPH		632	172	398	17.5			

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 involved 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.
- **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.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

PQL Practical Quantitation Limit

LOD Limit of Detection

LOQ Limit of Quantitation

DL Method Detection Limit

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	rax
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 Christs, TX 78408	(361) 884-0371	(361) 884-9116

Page 6 of 14 Final 1.000

^{*} Outside XENCO's scope of NELAC Accreditation.

Environmental Lab of Texas

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West 1-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager: Robert Ash	ner														-	Pro	oject	Naı	me:	GII	I R	GJ	#1								
	Company Name Yates Petro	oleum Corpora	ition													_		Pr	ojec	t #: _	30-0	025-	- <u>37</u>	103								:
	Company Address: 105 South	4th Street														_	F	roje	ct L	oc:	Lea	Cou	nty									
	City/State/Zip: Artesia, NM	88210														_			PC) #: ₋	1056	32										
	Telephone No: 575-748-42	217				Fax No:		575	5-74	3-46	62					_ F	Repor	t For	mat	:	X ,	Stane	darc	t] TF	₹Ŗ₽] NPI	DES	;
	Sampler Signature:	Ju M	ولا	•		e-mail:		<u>bo</u>	ba	<u>@y</u>	ate	sp	etro	leu	m.c	om	_						<u> </u>		F			سندسا			_	
lab use	only)																	 			TÇ		T	alyze	For:	$\overline{}$	$\overline{}$	Τ_	_	\dashv	۾ ا	
	chlorid R#: 416505							,								Т					TOT	AL	ゴ	丰	丰	1					, 72 hrs	l
JKDEI	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	<u>, </u>	T^{-}	т	Τ		Г	\dashv	-	rese	rvatio	on & a	# of Co	ntaını	ers	<u> </u>	atrix	8015B	96			[Fg Se		8260						24, 48,	\vdash
e onły)			epth	ء	P	þ ₆		iners								er St.=Sludge	r S=Soil/Solid Specify Other	8015M	5 TX 1006	3, Na, K)	f, Alkalınıty)	18	a Cd Cr Pb Hg		30 or BTEX						-Schedule)	
LAB # (lab use only)	FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	lce	HNO ₃	면	H ₂ SO ₄	NaOH Na ₂ S ₂ O ₂	None	Other (Specify)	DW=Drinking Water	GW ≍ Groundwater NP≃Non-Potable	TPH. 418.1	TPH: TX 1005	Cations (Ca, Mg,	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals. As Ag Ba	Volatiles Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	NORM	Chlorides			RUSH TAT (Pre-Schedule)	Standard TAT
ळा	Comp-00.5		6"	6"	5/10/2011	11:55 AM			х		\neg			1		1	s	х			Ť	\top	丁	\top	x	+	T	X		\Box	$\overline{}$	X
002	Comp-01.0	····	12"	12"	5/10/2011	12:12 PM			х						\top	1	s	х			\top	7	丁		x	+-	T	x		П		Х
																						T			T							
																						floor			\perp		L					
														\perp	\perp	L.								\perp		\perp						
			↓											_	\perp	_		Ц		_	_	\perp	\downarrow	_	┸	ot	L					
			↓							_	_	_	_	1	$oldsymbol{\perp}$	L		Ц	_	_	_	\downarrow	\downarrow	4	1	↓_	\perp	لط		Ш	\rightarrow	
			↓							_	-	\dashv	_	+	_	 		Н		_}	_	4	\downarrow	4	4	ot	+			\sqcup	_	
	PLEASE PUT CHLORIDES		 	<u> </u>				Н	\vdash	_	4	\dashv	_	+	╁-	 _		Н	\dashv	_}	-	+	+	+	+	\downarrow	┼		<u> </u>	\vdash	\dashv	
en cial	ON SEPARATE REPORT Instructions: TPF	LOOATIA DI		242.0	OUI ODIDEC	A11		ليا	(1.5					L.	Ш_	L_				Lab			<u></u>	ımen	<u></u>	上			لــا		ᆚ	
phaciai	maductions: [Pf	1 80 1 5M, B I	EX 80	216 6	CHLORIDES	o. ALL results	i In	mg/	/κg.											Sam	ple (Cont	aine	ers Inte	tact?			(ŷ	1	N N)
Relinquis	hed by:	Date	Ti	me	Received by:							_		T	Da	te	\top	Time		Labe	els o	n cor	ntair	ner(s))			Ç	2		N N	
Robert A	sher Ran/4pc	05/12/11	1	PM										L						Cust	ody	seals	s on	n cont n cool	ler(s)			8	ď	i	N	
Relinquis	hed by:	Date	Ti	me	Received by										Da	ite		Time		t	y Sa		er/Cl r?	elivere hent F UF	Rep 1	. DH	I L	(Fed	Ex Ex	l i i Lone	N N Sta	ır
Relinquis	hed by:	Date	Ti	me	Received by ELC	Jurdock								5	Da -13	ite -		Time	į.		-		Ч	on Re	. 9	lC			3.\		°C	



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								
Date/Time: 5-13- \	9:30							
Lab ID#: 416495	1416505-CH	Moria	les	-				
Initials: XM				_				
		s	ample Recei	pt Checki	list			
1. Samples on ice?					Blue	Water	No	
2. Shipping container	in good condition?				(Yes	No	None	
3. Custody seals intac	t on shipping conta	iner (co	ooler) and bottle	s?	Yes	No	N/A	
4. Chain of Custody p	resent?				Yes	No		
5. Sample instructions	s complete on chain	of cus	tody?		(Yes)	No		
6. Any missing / extra	samples?				Yes	(No)		
7. Chain of custody si	gned when relinquis	shed / r	eceived?		Yes	No		
8. Chain of custody ag	grees with sample la	bel(s)?)		Yes	No		
9. Container labels leg	gible and intact?				Yes	No		
10. Sample matrix / pr	operties agree with	chain c	of custody?		Yes	No ·		
11. Samples in proper	container / bottle?				(Yes)	No		
12. Samples property	preserved?		· · · · · · · · · · · · · · · · · · ·		(Yes	No	N/A	
13. Sample container	intact?				(Yes)	No		
14. Sufficient sample	amount for indicated	i test(s	;)?		(Yes)	No		
15. All samples receiv	ed within sufficient	hold tii	me?		Yes	No		
16. Subcontract of sai	mple(s)?				Yes	(No)	N/A	
17. VOC sample have	zero head space?		,		Yes	No	(N/A)	
18. Cooler 1 No.	Cooler 2 No.		Cooler 3 No.		Cooler 4 No		Cooler 5 No.	
lbs 3.\	°C ibs	℃	lbs	°C	lbs	°c	ibs	°C
		None	onformance	Docume	ntation			
Contact:	Conta	cted by				Date/Time:		
Regarding: Spok	e with Robe	rt.	Asher an	d con	irmed	that	he wanted	160
run 8015 B	ot 8015M 5	is lik	sted in th	e spec	ial inst	ruction	15 dy	
Corrective Action Tak			•	,				
						*		
								
•							· · · · · · · · · · · · · · · · · · ·	
Charle all the transit	50							
Check all that apply:	☐Cooling process condition	nas be	egun shortly afte able by NELAC 5	er sampling 5.5.8.3.1.a.1.	event and o	ut of temper	ature	
	☐Initial and Backu	ıp Tem	perature confirm	out of tem	perature cor	nditions		
	☐ Client understar	ids and	i would like to p	roceed with	analysis			

Analytical Report 413426

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Gill BGJ #1

HOBBS OCD

30-025-37103

JUN 1 4 2011

18-APR-11

RECEIVED



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 (AZ0738), 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-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917) North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

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





18-APR-11

Project Manager: Robert Asher Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 413426

Gill BGJ #1

Project Address: Lea County

Robert Asher:

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 413426. 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. 413426 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 413426



Yates Petroleum Corporation, Artesia, NM

Gill BGJ #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	Apr-13-11 10:18	6 - 6 In	413426-001
Comp-01.0	S	Apr-13-11 10:36	12 - 12 In	413426-002

CASE NARRATIVE



Client Name: Yates Petroleum Corporation

Project Name: Gill BGJ #1



Project ID:

30-025-37103

Work Order Number: 413426

Report Date: 18-APR-11

Date Received: 04/15/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Final 1.000



Certificate of Analysis Summary 413426

Yates Petroleum Corporation, Artesia, NM

Project Name: Gill BGJ #1



Project Id: 30-025-37103

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri Apr-15-11 11:45 am

Report Date: 18-APR-11

Project Manager:	Brent Barron, II	
		1

						 1 Toject Manager.	 · · · · · · · · · · · · · · · · · · ·
	Lab Id:	413426-0	01	413426-0	02		
Analysis Requested	Field Id:	Comp-00).5	Comp-01	.0		
marysis Requesteu	Depth:	6-6 In		12-12 In			
	Matrix:	SOIL		SOIL			
	Sampled:	Apr-13-11	0:18	Apr-13-11 1	0.36		
Anions in Soil By EPA 300.0	Extracted:						
	Analyzed:	Apr-15-11	21·39	Apr-15-11 2	21:39		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		4500	96.9	4160	96 5		
Percent Moisture	Extracted:						
	Analyzed:	Apr-15-11	17:00	Apr-15-11 1	7.00		
	Units/RL:	%	RL	%	RL		
Percent Moisture		13.3	1.00	12.9	1.00		

This analytical report, and the entile 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 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 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.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- * 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 - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

	Phone	rax
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

Environmental Lab of Texas

A Xenco Laboratories Company

Page 10 of 11

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:	Robert Ashe	er														-	Proj	ect	Nam	e: <u>G</u>	ill I	BG	J #	<u>1_</u>							
Company Name	Yates Petro	leum Corpo	ation													_		Pro	ject	#: <u>3(</u>	-02	<u>5-3</u>	7103	3							
Company Address:	105 South 4	Ith Street								_						_	Pr	ojec	t Lo	c: <u>Le</u>	a Co	unty	<u>/</u>						·		
City/State/Zip:	Artesia, NM	88210									-								РО	#: 10	5632	2									
•						Fax No:		575	-74	8-46	÷2					- Ra	nort			_			rd		<u> </u>	TRE	ρ	Г	7,1	IDDE	
•				· <u> </u>		-						sp	etro	leu	m.c	_	port		ilut,	L	J 016	mau			_		•		- 114	r DC.	3
only difficulty is	D					•											_ [_			CLD	Aı	nalyz	e Fo	or:		_	一	_	T.	7
•																				_				\exists	\exists					72 hr	
(#: 413426-	<u> </u>			T-	T	<u> </u>	Γ-		┝	Prese	rvatio	on & #	of Co	ntaine	ers	Mat	rix	8015E	اي			1g Se			8260		-				-
FIEL	D CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	lce	HNO3	HCI	H ₂ SO ₄	NaOH	None None	Other (Specify)	DW≠Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid	n-Potable Specify Other	418 1 8015M	XT 1005 TX	Anions (Cl. SO4, Alkalınıty)	SAR / ESP / CEC	Metals. As Ag Ba Cd Cr Pb H	Votatiles	Semivolatiles	BTEX 8021B/5030 or BTEX (RCI	NOR.M.	Chicitaes		-Schedule)	Standard TAT
Con			6"	6"	4/13/2011	10:18 AM	_		х						T			$\overline{}$	1	T					x	1	\neg		1	†	X
f			12"	12"	4/13/2011	10:36 AM			Х							s		x							x		_	\neg		\top	X
																								\Box	\bot		\perp	\perp	I	$oxed{\mathbb{L}}$	
			<u> </u>				_				\dashv	\dashv	_ _	_	\perp		_	\downarrow	_	\perp				_	\perp	\perp		\perp	\bot	L	
											\dashv	_	_	1.	↓_		_	4	_	-	_		4	\dashv	\dashv	_	\bot	\downarrow	4	1_	_
				 							\dashv	_		\bot			4	4	- -	\bot			_	_	\downarrow	4	\bot	+	+	<u> </u>	_
	- 		-								\dashv	-+		+-	+		\dashv	+	+	+-	H	-	-	\dashv	\dashv	+	+	+	+	1	_
PLEASE PUT CHLO	ORIDES		+						Н	4	\dashv	+		+	+	-	+	+	+	十			+	\dashv	\dashv	+	+	+	+	+	
											1	7		T				7	\top	1				十	寸	十	1	\uparrow	十	T	
		8015M, B	TEX 80	21B &	CHLORIDES	. ALL results	in	mg	/kg.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					• <u>-</u>			s	ample	e Coi	ntain	ers 1	Intac	t?			Ŝ	シ	N	
ned by:		Date	Ti	me i	Received by:							_		1	Da	ite	T	ime	TL	bels	on c	onta	iner((s)				ø	ζ,	N	-
ther ECA/L	18C_	04/14/11 Date			Received by:				<u></u> -	 -,				-	Da	ite	T	ime	c	ustod ample by t	y sea Har Samp	als o nd D oler/C	n co elive Client	ioler(ered	(s)	5)	1	XXX	ر در در	N N N	
ned by.		Date	Ti	ne			/.							14					- T(by	Coun	er?		UPS	Е		Fe	igex	Lor	ne Sta °C	ar
	Company Name Company Address: City/State/Zip: Telephone No: Sampler Signature: only) 413 424 R#: 413 424 Con Con Con PLEASE PUT CHLO ON SEPARATE RE Instructions:	Company Name Yates Petro Company Address: 105 South 4 City/State/Zip: Artesia, NM Telephone No: 575-748-42 Sampler Signature: Call Only) 413 412 4 - THB R#: 413 412 4 - THB Comp-00 5 Comp-01.0 PLEASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH Ined by:	Company Name Yates Petroleum Corpor Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Sampler Signature: Cold Cold Only) 413 424 - T3 B R#: 413 4/2 L - C(FIELD CODE Comp-00 5 Comp-01.0 PLEASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH 8015M, B and by Date O4/14/11 Date	Company Name Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Sampler Signature: Company Address: Pielb Code FIELD CODE Comp-00 5 Comp-01.0 PLEASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH 8015M, BTEX 802 The bear Code Compone Time Code Compone Time Code Compone Time Code Code Code Code Code Code Code Cod	Company Name Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Sampler Signature: Company Address: Pielb Code FIELD CODE Comp-00 5 Comp-01.0 PLEASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH 8015M, BTEX 8021B & Time Od/14/11 2:56 PM Time Od/14/11 2:56 PM Time	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Sampler Signature: Company Address: 155-748-4217 Sampler Signature: Company Address: 1575-748-4217 Sampler Signatu	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: sampler Signature: e-mail: only) 413 412 4 - T4 B R#: 413 412 4 - T4 B Comp-00 5 6" 6" 4/13/2011 10:18 AM Comp-01.0 12" 12" 4/13/2011 10:36 AM PLEASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH 8015M, BTEX 8021B & CHLORIDES. ALL results only in the composition of the	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: e-mail: only) 413 412 4 - Tile Reference of the composition of the c	Company Name Yates Petroleum Corporation	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Sampler Signature: e-mail: boba R#: 413 4/2 4 - 74 B R#: 413 4/2 4 - 74 B Comp-00 5 6" 6" 4/13/2011 10:18 AM X Comp-01.0 12" 12" 4/13/2011 10:36 AM X PLEASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH 8015M, BTEX 8021B & CHLORIDES. ALL results in mg/kg. Page 19 19 19 19 19 19 19 19 19 19 19 19 19	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Sampler Signature:	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4217 Fax No: 575-748-4662 boba@yate page page page page page page page page	Company Name Vates Petroleum Corporation Company Address: City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Telephone No: 575-748-4217 Sampler Signature: Company Address: Sampler Signature: Company Address: Preservation 8.1 FIELD CODE Sampler Signature: Samp	Company Name Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4662 Sampler Signature: boba@yatespetro only) 413 412 4 - 14 B Reservation & # of Co page 15	Company Name Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4662 Sampler Signature: conby) 4 3 4 2 4 - 14 B Reservation & # of Cortein B FIELD CODE FIELD CODE Comp-00 5 Comp-01.0 12" 12" 4/13/2011 10:36 AM X X I I I I I I I I I I I I I I I I I	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Antesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4682 Sampler Signature: Company Address Petroleum.com Sampler Signature: Preservation & Following Street Antesia, NM 88210 Field Company Address: 105 South 4th Street Fie	Company Name Yates Petroleum Corporation Company Address: 105 South 4th Street City/State/Zip: Anesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4662 Re-mail: boba@yatespetroleum.com only) 4 3 4/2 4 - T 4 B R#: 4 3 4/2	Company Address: 105 South 4th Street City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4662 Report: Sampler Signature: Collaboration Report Signature: Prize Signat	Company Name Yetes Petroleum Corporation Project City/State/Zip: Artesia, NM 88210 Telephone No: 575-748-4217 Fax No: 575-748-4662 Report Form Sampler Signature: e-mail: boba@yatespetroleum.com Project Fig. 13 4/2 1-74 B R#: 413 4/2 1-74 B R#: 413 4/2 1-74 B R#: 413 4/2 1-74 B Comp-01 5 6° 6° 4/13/2011 10:18 AM Comp-01 10 12° 12° 4/13/2011 10:36 AM Comp-01 10 12° 12° 4/13/2011 10:36 AM PELASE PUT CHLORIDES ON SEPARATE REPORT Instructions: TPH 8015M, BTEX 8021B & CHLORIDES. ALL results in mg/kg. Date Time Received by: Date Time	Company Address: 105 South 4th Street	Company Address: 105 South 4th Street	Company Name Yales Petroleum Corporation Project 8: 30-02 Project Loc: Lea Co Company Address: 105 South 4th Street Project Loc: Lea Co City/State/Zip: Artesia, NM 88210 Project Loc: Lea Co Project Loc:	Company Name Vales Petroleum Corporation Project #: 30-025-3 Company Address: 105 South 4th Street Project Loc: Les County Project #: 30-025-3 Report Format: Standa Sampler Signature: Occur Only 415 42 4 1 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	Company Name Vales Petroleum Corporation Project to: 30-025-3710: Company Address: 105 South 4th Street Project Los: Lea County Project Los:	Company Name	Company Name Vales Petrolaum Corporation Project #: 30-025-37103	Company Name Vales Petroleum Corporation Project tel: 30-025-37103 Project tel: 30-025-37103 Project tel: 30-025-37103 Project tel: 30-025-37103 Project tel: 40-025-37103 Project tel: 40-025-32 Report Format:	Company Name Value Percleum Corporation Project & 30-025-37103	Company Name Vales Peroleum Corporation Project 8: 30-025-37103	Company Name	Company Name Vates Percleum Corporation Project Loc: Lea County Project Loc: Lea County



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: lates							
Date/Time: 4-15-11	11:45						
Lab ID#: 413424							
Initials: LM							
	•	Sample Receipt Ch	ecki	ist			
1. Samples on ice?				Blue	Water	No	
2. Shipping container i	n good condition?			Yes	No	None	
3. Custody seals intact	t on shipping container (cooler) and bottles?		Yes	No	N/A	
4. Chain of Custody pr	esent?			Yes	No		
5. Sample instructions	complete on chain of cu	stody?		Yes	No		
6. Any missing / extra	samples?			Yes	No		
7. Chain of custody sig	ned when relinquished /	received?		Yes	No		
8. Chain of custody ag	rees with sample label(s)?		Yes	No		
9. Container labels leg	ible and intact?			Yes	No		
10. Sample matrix / pro	operties 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 i	ntact?			Yes	No		
14. Sufficient sample a	mount for indicated test	(s)?		Yes	No		
15. All samples receive	ed within sufficient hold	time?		Yes	No		
16. Subcontract of san	nple(s)?			Yes	No	N/A	
17. VOC sample have:	zero head space?			Yes	No	(N/A)	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.		Cooler 4 N	0.	Cooler 5 No.	
1bs 5.6	°C lbs °	C lbs	°C	lbs	<u>°c</u>	lbs	°c
	Non	conformance Doc	ume	ntation			
Contact:	Contacted	by:			Date/Time:_		
Regarding:							
				· · · · · · · · · · · · · · · · · · ·			 -
Corrective Action Take	en:						
	·		· · · · · · · · · · · · · · · · · · ·				
							
Check all that apply:	☐ Cooling process has				out of temper	ature	
	condition accep ☐ Initial and Backup Ter	table by NELAC 5.5.8.3			onditions		
	☐ Client understands a						

Analytical Report 413424

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Gill BGJ #1

30-025-37103

18-APR-11

HOBBS OCD

JUN 1 4 2011

RECEIVED



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 (AZ0738), 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-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917) North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

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





Project Manager: Robert Asher Yates Petroleum Corporation

105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 413424

Gill BGJ #1

Project Address: Lea County

Robert Asher:

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 413424. 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. 413424 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 413424



Yates Petroleum Corporation, Artesia, NM

Gill BGJ #1

Sample Id	Matrix	Date Collected	Sample-Depth	Lab Sample Id
Comp-00.5	S	Apr-13-11 10:18	6 - 6 In	413424-001
Comp-01.0	S	Apr-13-11 10:36	12 - 12 In	413424-002



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Gill BGJ #1



 Project ID:
 30-025-37103
 Report Date:
 18-APR-11

 Work Order Number:
 413424
 Date Received:
 04/15/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-852309 TPH by SW 8015B

SW8015B_NM

Batch 852309, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data

not confirmed by re-analysis

Samples affected are: 413419-001 D,413424-001,413424-002.

Batch: LBA-852397 BTEX by EPA 8021

SW8021BM

Batch 852397, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is

suspected; data confirmed by re-analysis

Samples affected are: 413424-001 D,413424-001.

4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data

confirmed by re-analysis

Samples affected are: 413424-001 D,413424-001.

Final 1.000



Certificate of Analysis Summary 413424

Yates Petroleum Corporation, Artesia, NM

Project Name: Gill BGJ #1

nelac:

Project Id: 30-025-37103 Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri Apr-15-11 11:45 am

Report Date: 18-APR-11

Project Manager: Brent Barron, II

			,			 Troject Manager.	 r
	Lab Id:	413424-0	001	413424-0	02		
Analysis Requested	Field Id:	Comp-00).5	Comp-01	.0		
11milysis Requesieu	Depth:	6-6 In		12-12 I	n		
	Matrix:	SOIL		SOIL			
	Sampled:	Apr-13-11	10:18	Apr-13-11	0:36		
BTEX by EPA 8021	Extracted:	Apr-18-11	08:50	Apr-18-11 (08:50		
]	Analyzed:	Apr-18-11	11:32	Apr-18-11	11:54		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		ND	0.0012	ND	0 0012		
Toluene		0 0174	0.0023	ND	0 0023		
Ethylbenzene		0.00972	0 0012	ND	0.0012		
m,p-Xylenes		0 0756	0.0023	0 00591	0.0023		
o-Xylene		0 0703	0 0012	0 00750	0.0012		
Xylenes, Total		0 146	0.0012	0 0134	0.0012		
Total BTEX		0 173	0.0012	0 0134	0.0012		
Percent Moisture	Extracted:						
	Analyzed:	Apr-15-11	17 00	Apr-15-11	17.00		
	Units/RL:	%	RL	%	RL		
Percent Moisture		13.3	1.00	12.9	1.00		ı
TPH by SW 8015B	Extracted:	Apr-15-11	13:45	Apr-15-11	13:45		
	Analyzed:	Apr-16-11	16:13	Apr-16-11	16:42		
	Units/RL:	mg/kg	RL	mg/kg	RL		
C6-C10 Gasoline Range Hydrocarbons		110	17.3	29.1	17.2		
C10-C28 Diesel Range Hydrocarbons		522	17.3	388	17.2		
Total TPH		632	17.3	417	17.2		

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 - Latın 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 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.
- RPD exceeded lab control limits.
- 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 OA 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
- **PQL** Practical Quantitation Limit
- * 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 - 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

Environmental Lab of Texas

A Xenco Laboratories Company

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:	Robert Asher															-	Pre	oject	Nar	ne:_	Gill	В	<u>3J</u>	#1							
	Company Name	Yates Petrole	um Corporal	ion													•		Pr	ojec	t #: _	30-0	25-3	<u>37</u> ′	103							
	Company Address:	105 South 4th	n Street														_	F	Proje	ct L	oc: <u> </u>	Lea (Coun	ıty								
	City/State/Zip:	Artesia, NM	88210													_	_			PC) #: <u>_</u>	1056	32									
	Telephone No:	575-748-4217	7				Fax No:		<u>57£</u>	5-74	8-46	62						Repor	t For	mat	: [× s	tand	dard	1] TR	≀RP			NPDE	s
	Sampler Signature:	Peer	1 al.				e-mail:		<u>bc</u>	ba	<u>@</u> y	ate	sp	etro	leui	<u>m.c</u>	<u>om</u>															_
(lab use	only) 413424-	TIB																				TCL	Ρ.	Ana	alyze	For	T	T	T		ᅴ.	
	2#: 413426-								ı		rese	rvation	on & a	# of Co	ntaine	ers	М	atnx	8		1	TOTA	G.	<u>_</u>	+	+-					48, 72 hra	
AB # (lab use only)		D CODE	1	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	ield Filtered	Total # of Containers			뎐		NaOH		(Specify)	SL=Sludge	GW = Groundwater S=Soit/Solid NP=Non-Potable Specify Other	TPH 4181 8015M 8015B	TPH. TX 1005 TX 1006	Cations (Ca, Mg. Na, K)	Anions (Cl. SO4, Alkalinity)	Cd Cr Pb Ha	s Ag ba cd of Pb Hg	Volatiles Semivolatiles	BTEX 8021B/5030 or BTEX 8260		N.O.R.M.	Chlorides		4	
ool		mp-00.5		6"	6"	4/13/2011	10:18 AM	1		Х			\neg		1	\top	_	s z	x			+	+-	Ť	+	X	+	Ť	X	_	十	Χ
003	T	np-01.0		12"	12"	4/13/2011	10:36 AM			Х			\neg		1		_	s S	х		7	\top	T	7	\top	X	_	T	x	\top	十	X
							-		П						1								T	7	\top	1	T			\top	\top	П
																							\prod	\prod	\mathbb{T}	\prod_{i}						
																						$oldsymbol{\perp}$	\perp		\perp					1		
		·								L					$oldsymbol{\perp}$						\perp		丄	┵	\perp	\perp	上	L		\perp	L	
								_					_		_						\perp	\perp	\perp	╧		\perp	丄	L	Ш	\perp	丄	
			·							Ш			_	_	_					_	_	_ _	\perp	\perp	\bot	\perp	↓_	L		\dashv	1	
	PLEASE PUT CHL	ORIDES			<u> </u>					Ш		_	4	_	1	لــــــــــــــــــــــــــــــــــــــ				_	_	\downarrow	4	\downarrow	4	1	$oldsymbol{\perp}$	<u> </u>		_	\bot	\sqcup
	ON SEPARATE RE							Ļ		لــا	l	\perp	\perp		\perp					_			丄	\perp		丄	丄	<u> </u>			上	Ц
Special I	nstructions:	TPH 8	1015М, ВТ	EX 80	218 8	CHLORIDES	6. ALL results	s in	mg/	/kg.											Sam	ple C	onta	aine	menters Interested	tact?		ŧ	(\$ \$	N N N N N N N one St	
Relinquish	ned by		Date	Ti	me	Received by.					_	_	_		T	Da	te	T	Time	,	Labe	is on	con	ntain	ner(s))			9	2	N	
Robert As Relinquish		480	04/14/11 Date		PM me	Received by.									+	Da	te	+	Time		Cust Sam	ody s ole H	eals land	on Del	cont cool livere	ler(s) ed) '		کِ	×	2 2 2 2 2 2 2 2 2	}
	•																	}		1	b	y Sai y Coi	mpler uner?	r/Cli ?	lent R UP	Rep. 1 PS	? DH!	L	Fed	۲) ا	N one St	ar I
Relinquish	ned by.		Date	Ti	me	Received by ELC	Muzikan	li							4	Da -15		i	Time	- 1					O Z on Re			5		5.0	°C	

Page 12 of 13

Final 1.000



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								
Date/Time: 4-15-11	11:45							
Lab 10#: 413424	1413426		<u> </u>					
Initials: XM								
		Sampl	e Receipt Cl	hecki	ist			
1. Samples on ice?					Blue	Water	No	
2. Shipping container	in good condition?				Yes	No	None	
3. Custody seals intac	t on shipping cont	iner (cooler)	and bottles?		Yes	No	N/A	
4. Chain of Custody p	resent?	· · · · · · · · · · · · · · · · · · ·			Yes	No		
5. Sample instructions	complete on chair	of custody?			(Yes)	No		
6. Any missing / extra	samples?				Yes	No		
7. Chain of custody si	gned when relinqui	shed / receive	ed?		Yes	No		
8. Chain of custody ac	rees with sample I	abel(s)?			Yes	No		
9. Container labels leg	ible and intact?				Yes	No		
10. Sample matrix / pr	operties agree with	chain of cust	ody?		Yes	No -		
11. Samples in proper	container / bottle?				Yes	No		
12. Samples properly	preserved?				Yes	No	N/A	
13. Sample container	ntact?				Yes	No		
14. Sufficient sample a	amount for indicate	ed test(s)?			Yes	No		
15. All samples receiv	ed within sufficient	hold time?			Yes	No		
16. Subcontract of sar	nple(s)?				Yes	No	N/A	
17. VOC sample have	zero head space?				Yes	No	NA	
18. Cooler 1 No.	Cooler 2 No.	Coole	er 3 No.		Cooler 4 N	o	Cooler 5 No.	
1bs 5.6	°C lbs	°c	lbs	°င	lbs	· °c	lbs	°C
		Nonconfo	rmance Doo	ume	ntation			
Contact:	Cont	acted by:				Date/Time:		
					·····			
Regarding:								
Corrective Action Tak	en:							
		~~~						
Check all that apply:	□ Cooling proces	e hae hoeur o	horth after sec	nolina	event and	out of tempe	rature	
oneck an mar apply:			y NELAC 5.5.8.3			out or rempe		
	☐ Initial and Back ☐ Client understa					onditions		

Final 1.000