District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

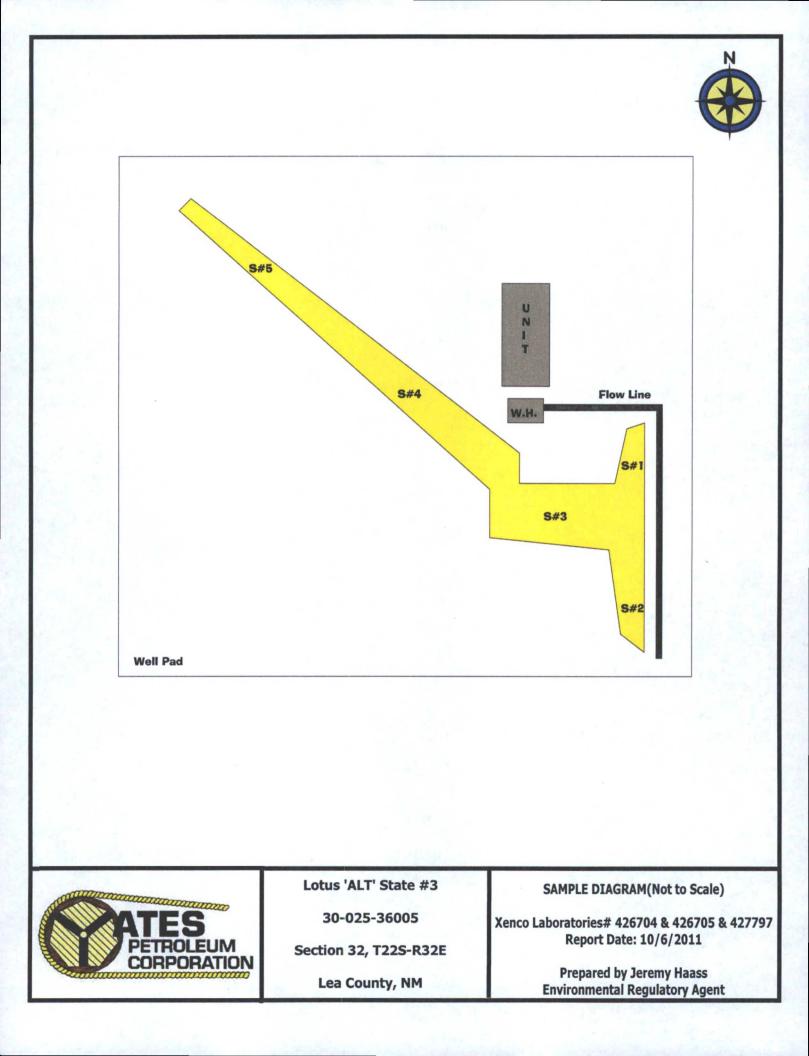
> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505

Form C-141 Revised October 10, 2003

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

220 S. St. Fran	cis Dr., Sant	a Fe, NM 8750	5			e, NM 875		UCT 1	2 2011		viui Kui	side of form
			Rele	ease Notifie			orrective A			1		
						TOR		IKE	Initia	l'Report	\boxtimes	Final Report
Name of Co		· · ·		OGRID Nur	nber	Contact						
Yates Petro	leum Corp	oration		25575		Jeremy Haa						
Address 104 S. 4 TH S	Etwaat					Telephone N 575-748-14						
Facility Nai				API Number		Facility Typ						
Lotus 'ALT				30-025-3600		Pumping Ur						
10103 71131	State 115			50 025 5000		r uniping of	int					
Surface Ow	mer			Mineral (Owner				Lease N			
State				State					V-2443			*
				LOCA	ATIO	N OF REI	LEASE					5
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/W	est Line	County		
С	32	228	32E	660		North	1980	W	est	Lea		
				Latitude 32.	35323	Longitude	103.69841					
Town of Dala				NAI	URE	OF RELI			X7-1			
Type of Rele Crude Oil, Pi		ter				Volume of 7 B/O, 53 1			0 B/O, 0	Recovered B/PW		
Source of Re	and the second se						lour of Occurrenc			Hour of D	iscoverv	
Poly Line						8/17/2011			8/17/201			
Was Immedia	ate Notice (_	_		If YES, To						
		\boxtimes	Yes] No 🗌 Not R	equired	Maxey G. 1	Brown, NMOCD	I				
By Whom?						Date and H						
		troleum Corpo	oration				AM (email)	1 117				
Was a Water	course Read	ched?	Yes 🗵	1 No		If YES, VC N/A	olume Impacting t	the Water	course.			
If a Watercou	irse was Im	pacted, Descr				19/74						11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
N/A												
		em and Reme							~	~		
A weak spot truck in to pi			n the well	to the battery pop	pped. L	eak was isolat	ed and crew was	called ou	t to fix lin	ie. Called	backhoe	and dump
		and Cleanup	Action Tal	ken *								
				ad. Impacted soil	s were c	cleaned up and	taken to an NMC	OCD appr	oved faci	lity. Verti	cal and h	norizontal
				for TPH & BTE								
				ly 325', Section 3								
				Based on spill oc I results, Yates F					ground w	ater being	g 325', II	mpacted
				e is true and comp					that purs	suant to NN	AOCD r	ules and
				nd/or file certain i								
				ce of a C-141 repo								
				investigate and r stance of a C-141								
		ws and/or regi			report d	ioes not renev	e the operator of i	responsio	inty for c	omphanee	with any	ounci
		11					OIL CONS	SERVA	TION	DIVISI	ON	
		14	RT									
Signature:	2	Aur.	5	<u> </u>				Ac	cepted	for Rec	ord O	nly
Drintad Marri	a laramu Li	1		\supset		Approved by	District Supervise		-16			
Printed Name	e. Jereiny H	ladSS										
Fitle: Enviro	nmental Re	gulatory Ager	nt			Approval Dat	e:	E	xpiration	Date:	11	
E-mail Addre	ess: jhaass@	yatespetroleu	im.com			Conditions of	Approval:			Attache	d 🔲	
Data Tara Ia	u Ostala	11 2011	Dhar	575 749 1471		2RP-						
Date: Tuesda	y, Uctober	11, 2011	Phone	e: 575-748-1471		2111-						

* Attach Additional Sheets If Necessary



Analytical Report- 426704 & 426705 & 427797	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Sample #1	8/22/2011	1'	ND	ND	ND	ND	16700
Sample #2	8/22/2011	1'	.0226	ND	ND	ND	111
Sample #3	8/22/2011	1'	ND	ND	ND	ND	17900
Sample #4	8/22/2011	1'	ND	ND	ND	ND	5520
Sample #5	8/22/2011	1'	.0461	27.7	502	530	407
Sample #1	9/14/2011	3'	-	-	-	1. m	2590
Sample #3	9/14/2011	3'		-		1.1.1.1	3810
Sample #4	9/14/2011	3'	-	-	-		2880

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 325', per Trend Map).

All results are ppm.Chlorides for documentation. S - Sample Points

Released: 53 B/PW & 7 B/O; Recovered: 0 B/PW & 0 B/O. Release Date: 8/17/2011

Analytical Report 426704

for Yates Petroleum Corporation

Project Manager: Jeremy Haass

Lotus 'ALT' State # 3

30-025-36005

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



08-SEP-11

Project Manager: Jeremy Haass Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 426704 Lotus 'ALT' State # 3 Project Address: Lea

Jeremy Haass:

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 426704. 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. 426704 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 426704



Yates Petroleum Corporation, Artesia, NM

Lotus 'ALT' State # 3

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Sample # 1	S	08-22-11 10:30	1 - 1 ft	426704-001
Sample # 2	S	08-22-11 10:45	1 - 1 ft	426704-002
Sample # 3	S	08-22-11 11:00	1 - 1 ft	426704-003
Sample # 4	S	08-22-11 11:20	1 - 1 ft	426704-004
Sample # 5	S	08-22-11 11:30	1 - 1 ft	426704-005



CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Lotus 'ALT' State # 3



 Project ID:
 30-025-36005

 Work Order Number:
 426704

Report Date: 08-SEP-11 Date Received: 08/30/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-869198 BTEX by EPA 8021B SW8021BM

Batch 869198, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis Samples affected are: 426704-005.

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: 426704-005, -003, -001, -002, -004.



Project Id: 30-025-36005 Contact: Jeremy Haass Project Location: Lea

Certificate of Analysis Summary 426704 Yates Petroleum Corporation, Artesia, NM Project Name: Lotus 'ALT' State # 3



Date Received in Lab: Tue Aug-30-11 09:45 am Report Date: 08-SEP-11

Project Location: Lea							
					Project Manager: Brent Barron II	Brent Barron II	
	Lab Id:	426704-001	426704-002	426704-003	426704-004	426704-005	
And Damage	Field Id:	Sample # 1	Sample # 2	Sample # 3	Sample # 4	Sample # 5	
naisanhay sistinuty	Depth:	1-1 ft	1-1 ft	1-1 ft	1-1 ft	1-1 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Aug-22-11 10:30	Aug-22-11 10:45	Aug-22-11 11:00	Aug-22-11 11:20	Aug-22-11 11:30	
BTEX by EPA 8021B	Extracted:	Sep-02-11 11:00	Sep-02-11 11:00	Sep-02-11 11:00	Sep-02-11 11:00	Sep-02-11 11:00	
	Analyzed:	Sep-02-11 13:07	Sep-03-11 03:10	Sep-03-11 03:33	Sep-03-11 03:56	Sep-03-11 04:19	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene		ND 0.00108	ND 0.00101	ND 0.00107	ND 0.00112	ND 0.00102	
Toluene		ND 0.00216	ND 0.00203	ND 0.00214	ND 0.00223	ND 0.00205	
Ethylbenzene		ND 0.00108	0.00349 0.00101	ND 0.00107	ND 0.00112	0.0110 0.00102	
m_p-Xylenes		ND 0.00216	0.0123 0.00203	ND 0.00214	ND 0.00223	0.0241 0.00205	
o-Xylene		ND 0.00108	0.00680 0.00101	ND 0.00107	ND 0.00112	0.0110 0.00102	
Total Xylenes		ND 0.00108	0.0191 0.00101	ND 0.00107	ND 0.00112	0.0351 0.00102	
Total BTEX		ND 0.00108	0.0226 0.00101	ND 0.00107	ND 0.00112	0.0461 0.00102	
Percent Moisture	Extracted:						
	Analyzed:	Aug-30-11 11:45	Aug-30-11 11:45	Aug-30-11 11:45	Aug-30-11 11:45	Aug-30-11 11:45	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		7.57 1.00	1.49 1.00	7.13 1.00	10.7 1.00	3.37 1.00	
TPH By SW8015B Mod	Extracted:	Sep-01-11 13:40	Sep-01-11 13:40	Sep-01-11 13:40	Sep-01-11 13:40	Sep-01-11 13:40	
	Analyzed:	Sep-03-11 02:36	Sep-03-11 03:09	Sep-03-11 03:38	Sep-03-11 04:11	Sep-03-11 04:41	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons		ND 16.2	ND 15.2	ND 16.1	ND 16.8	27.7 15.5	
C10-C28 Diesel Range Hydrocarbons		ND 16.2	ND 15.2	ND 16.1	ND 16.8	502 15.5	
Total TPH		ND 16.2	ND 15.2	ND 16.1	ND 16.8	530 15.5	

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 warrany 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

Odessa Laboratory Manager Brent Barron II

Final 1.000



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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Form 2 - Surrogate Recoveries

Project Name: Lotus 'ALT' State # 3

Work Orders: 426704				D: 30-025-36	005	
Lab Batch #: 869198	Sample: 426704-001 / SMP	Batch	h: 1 Matrix: RROGATE RE		OTHINK	
Units: mg/kg	Date Analyzed: 09/02/11 13:07	50	RROGATE KI	COVERY	STUDY	
BTEX	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		1
1,4-Difluorobenzene		0.0300	0.0300	100	80-120	
4-Bromofluorobenzene		0.0292	0.0300	97	80-120	
Lab Batch #: 869326	Sample: 426704-001 / SMP	Batch	h: 1 Matrix:	:Soil		
Units: mg/kg	Date Analyzed: 09/03/11 02:36	SU	RROGATE RE	ECOVERY	STUDY	
ТРН В	By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		80.7	99.7	81	70-135	
o-Terphenyl		41.9	49.9	84	70-135	
Lab Batch #: 869326	Sample: 426704-002 / SMP	Batch	h: 1 Matrix:	: Soil		
Units: mg/kg	Date Analyzed: 09/03/11 03:09		RROGATE RE		STUDY	
ТРН В	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Section Street	Analytes			[D]		
1-Chlorooctane		83.9	99.9	84	70-135	
o-Terphenyl		41.7	50.0	83	70-135	
Lab Batch #: 869198	Sample: 426704-002 / SMP	Batch				
Units: mg/kg	Date Analyzed: 09/03/11 03:10	SU	RROGATE RE	ECOVERY	STUDY	
BTEX	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	Analytes	0.0300	0.0300	100	80-120	
4-Bromofluorobenzene		0.0300	0.0300	100	80-120	
	S				00-120	L
Lab Batch #: 869198	Sample: 426704-003 / SMP	Batch	h: 1 Matrix: RROGATE RI		STUDY	
Units: mg/kg	Date Analyzed: 09/03/11 03:33		1	T		
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene		0.0287	0.0300	96	80-120	
4-Bromofluorobenzene		0.0286	0.0300	95	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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



Form 2 - Surrogate Recoveries

Project Name: Lotus 'ALT' State # 3

Vork Orders : 426704 Lab Batch #: 869326	4, Sample: 426704-003 / SMP	Batc		D: 30-025-36	005	
Units: mg/kg	Date Analyzed: 09/03/11 03:38	SU	URROGATE R	ECOVERY	STUDY	
ТРН Е	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1-Chlorooctane		86.2	99.5	87	70-135	
o-Terphenyl		43.9	49.8	88	70-135	
Lab Batch #: 869198	Sample: 426704-004 / SMP	Batc				
Units: mg/kg	Date Analyzed: 09/03/11 03:56	SU	JRROGATE R	ECOVERY	STUDY	
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene		0.0258	0.0300	86	80-120	
4-Bromofluorobenzene		0.0251	0.0300	84	80-120	
Lab Batch #: 869326	Sample: 426704-004 / SMP	Batc	ch: 1 Matrix	• Soil		
Units: mg/kg	Date Analyzed: 09/03/11 04:11		JRROGATE R		STUDY	
	By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	Allarytes	87.4	100	87	70-135	
o-Terphenyl		44.3	50.1	88	70-135	
Lab Batch #: 869198	Sample: 426704-005 / SMP	Batc	ch: 1 Matrix	r: Soil		
Units: mg/kg	Date Analyzed: 09/03/11 04:19		JRROGATE R		STUDY	
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	Analytes	0.0286	0.0300	95	80-120	
4-Bromofluorobenzene		0.0286	0.0300	155	80-120	*
Lah Batch #: 869326	Sample: 426704-005 / SMP	Batc	ch: 1 Matrix	· Soil		
Lab Batch #: 869326 Units: mg/kg	Sample: 426704-005 / SMP Date Analyzed: 09/03/11 04:41	Bate SU	ch: 1 Matrix URROGATE R		STUDY	
Units: mg/kg	Date Analyzed: 09/03/11 04:41 By SW8015B Mod			ECOVERY S Recovery %R	STUDY Control Limits %R	Flags
Units: mg/kg	Date Analyzed: 09/03/11 04:41	SU Amount Found	True Amount	ECOVERY S	Control Limits	Flags

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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



Form 2 - Surrogate Recoveries

Project Name: Lotus 'ALT' State # 3

-1-BLK / BLK Bate	-		005	
			STUDY	
Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
			80-120	
1 02:06 SU	RROGATE R	ECOVERY	STUDY	
Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
86.1	100	86	70-135	
44.4	50.0	89	70-135	
-1-BKS/BKS Batc	h: 1 Matrix	: Solid		
			STUDY	
Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
		[D]		
0.0295	0.0300	98	80-120	
0.0260	0.0300	87	80-120	-
-1-BKS / BKS Bate	h: 1 Matrix	s:Solid		
1 01:03 SU	RROGATE R	ECOVERY	STUDY	
Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flag
101	100	101	70-135	
42.9	50.1	86	70-135	
-1-BSD / BSD Batc	h: 1 Matriy	: Solid		
		ECOVERY	STUDY	
Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flag
0.0308	0.0300	103	80-120	
0.0288	0.0300	96	80-120	
	112:45 SU Amount Found I 0.0291 0.0288 0.0288 1-BLK / BLK Bate 102:06 SU Amount Found I 86.1 44.4 1 1-BKS / BKS Bate 11:13 SU Amount Found I 0.0295 0.0295 0.0260 1-BKS / BKS Bate 01:03 SU Amount Found I 101 42.9 1 1-BSD / BSD Bate 11:36 SU Amount Found I 101 42.9 1 1-BSD / BSD Bate 11:36 SU Amount Found I I I 101 42.9 1 I SU I I I 0.0308	1-BLK / BLK Batch: 1 Matrix 12:45 SURROGATE R Amount True Found [A] [A] 0.0291 0.0288 0.0300 1-BLK / BLK Batch: 1 02:06 SURROGATE R Amount True Found Amount [A] "Intrue 02:06 SURROGATE R Amount True Amount [B] 102:06 SURROGATE R Amount Intrue Found Amount [A] [B] 1:BKS / BKS Batch: 1 11:13 SURROGATE R Amount Found [Amount [A] [B] [B] 0.0295 0.0300 0.0300 1-BKS / BKS Batch: 1 Matrix [A] [B] [B] [B] [01:03 SURROGATE R [B] [A] [B] [B] [B] [A] [B] [B]<	1-BLK / BLK Batch: 1 Matrix: Solid 12:45 SURROGATE RECOVERY in the second region of the second region region of t	SURROGATE RECOVERY STUDYAmount Found [A]True Amount [B]Recovery $%R$ [D]Control Limits $%R$ [D]0.02910.03009780-1200.02880.03009680-1201-BLK / BLKBatch:1Matrix: Solid02:06SURROGATE RECOVERY STUDYAmount [A]True Amount [B]Recovery $%R$ [D]Control Limits $%R$ [D]1-BLK / BLKBatch:1Matrix: Solid02:06SURROGATE RECOVERY STUDYAmount [A]True Amount [B]Recovery $%R$ [D]1-BKS / BKSBatch:1Matrix: SolidSURROGATE RECOVERY STUDY1-BKS / BKSBatch:1Mamount [A]True Amount [B]Recovery $%R$ [D]0.02950.03009880-1200.02600.03008780-1201-BKS / BKSBatch:1Matrix: Solid01:03SURROGATE RECOVERY STUDY1-BKS / BKSBatch:1Matrix: Solid10170-1351-BKS / BKSBatch:1Matrix: Solid10170-1351-BKS / BKSBatch:1Mamount [A]True Amount [B]Recovery %R [D]1-BKS / BKSBatch:11-136SURROGATE RECOVERY STUDY1-136SURROGATE RECOVERY STUDY1-137Matrix: Solid1-1380Batch:11-1391K

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / BAll results are based on MDL and validated for QC purposes.



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Form 2 - Surrogate Recoveries

Project Name: Lotus 'ALT' State # 3

Vork Orders : 426704 Lab Batch #: 869326	, Sample: 610994-1-BSD / BS	SD Bate		D: 30-025-36	005	
Units: mg/kg	Date Analyzed: 09/03/11 01:34		RROGATE R		STUDY	
ТРН В	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	Analytes					
1-Chlorooctane		96.2	99.9	96	70-135	_
o-Terphenyl		40.5	50.0	81	70-135	
Lab Batch #: 869198	Sample: 426704-001 S / MS					
Units: mg/kg	Date Analyzed: 09/02/11 14:16	su	RROGATE R	ECOVERY	STUDY	
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene		0.0308	0.0300	103	80-120	
4-Bromofluorobenzene		0.0306	0.0300	102	80-120	
Lab Batch #: 869326	Sample: 426704-001 S / MS	Batc	h: 1 Matrix	:Soil		
Units: mg/kg	Date Analyzed: 09/03/11 10:32		RROGATE R	ECOVERY	STUDY	
ТРН В	By SW8015B Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1-Chlorooctane	8	112	101	111	70-135	
o-Terphenyl		46.3	50.3	92	70-135	
Lab Batch #: 869198	Sample: 426704-001 SD / M	ISD Bate	h: 1 Matrix	:Soil		
Units: mg/kg	Date Analyzed: 09/02/11 14:39	SU	RROGATE R	ECOVERY	STUDY	1
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene		0.0305	0.0300	102	80-120	-
4-Bromofluorobenzene		0.0322	0.0300	107	80-120	-
Lab Batch #: 869326	Sample: 426704-001 SD / M	ISD Bate	h: 1 Matrix	: Soil		1. C. C.
Units: mg/kg	Date Analyzed: 09/03/11 11:03	SU	RROGATE R	ECOVERY	STUDY	
TPH E	By SW8015B Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		102	99.5	103	70-135	
o-Terphenyl		40.8	49.8	82	70-135	1

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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



BS / BSD Recoveries



Project Name: Lotus 'ALT' State # 3

 Work Order #: 426704

 Analyst: ASA

 Lab Batch ID: 869198
 Sample: 610915-1-BKS

Date Prepared: 09/02/2011

Batch #: 1

Project ID: 30-025-36005 Date Analyzed: 09/02/2011 Matrix: Solid

Units: mg/kg		BLANK	(BLANK S	PIKE / B	LANK S	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	ICATE F	RECOVE	RY STUD	Y	
BTEX by EPA 8021B	Blank Sample Result	Spike Added	Blank Spike	Blank Spike	Spike Added	Blank Spike	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	[A]	[B]		[D]	[E]	Dupncate Result [F]	/ww	0/	N0/	70MLD	
Benzene	<0.00100	0.100	0.115	115	0.100	0.118	118	3	70-130	35	
Toluene	<0.00200	0.100	0.101	101	0.100	0.105	105	4	70-130	35	
Ethylbenzene	<0.00100	0.100	0.110	110	0.100	0.115	115	4	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.222	111	0.200	0.231	116	4	70-135	35	
o-Xylene	<0.00100	0.100	0.100	100	0.100	0.106	106	6	71-133	35	
Analyst: BBH	Da	te Prepare	Date Prepared: 09/01/2011	-			Date Ar	Date Analyzed: 09/03/2011	9/03/2011		

Lab Batch ID: 869326	Sample: 610994-1-BKS	KS	Batch #:	n#: 1					Matrix: S	Solid			
Units: mg/kg			BLAN	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	PIKE / B	LANK S	PIKE DUPL	ICATE]	RECOVE	RY STUD	Y		
TPH By SW8015B Mod	B Mod	Blank Sample Result IAl	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duolicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag	
Analytes		2	[B]	[C]	[D]	[E]	Result [F]	[G]					
C6-C10 Gasoline Range Hydrocarbons	suoc	<15.0	1000	706	11	666	678	68	4	70-135	35	L	
C10-C28 Diesel Range Hydrocarbons	SUC	<15.0	1000	814	81	666	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

XENCO Laboratories

Form 3 - MS / MSD Recoveries



Project ID: 30-025-36005

QC- Sample ID: 426704-001 S Date Prepared: 09/02/2011

Date Analyzed: 09/02/2011 Lab Batch ID: 869198 Work Order #: 426704

Reporting Units: mg/kg

Matrix: Soil ASA 1

Analyst: Batch #:

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B	Parent Sample Result	Spike Added	Spiked Sample Result [C]	Spiked Sample %R	Spike Added	Duplicate Spiked Sample Result [F]	Spiked Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes	[A]	[B]		[D]	E		[G]				
Benzene	<0.00108	0.108	0.0882	82	0.108	0.0986	91	11	70-130	35	
Toluene	<0.00216	0.108	0.0792	73	0.108	0.0886	82	11	70-130	35	
Ethylbenzene	<0.00108	0.108	0.0877	81	0.108	0.0977	90	11	71-129	35	
m_p-Xylenes	<0.00216	0.216	0.173	80	0.216	0.194	90	11	70-135	35	
o-Xylene	<0.00108	0.108	0.0794	74	0.108	0.0889	82	11	71-133	35	
Lab Batch ID: 869326 Q	QC- Sample ID: 426704-001 S	426704-	001 S	Bat	Batch #:	1 Matrix:	: Soil				

	C TON LOUNT . ITON AND	101071		Da	Daten T.	TANKING . VIIINTIT						
Date Analyzed: 09/03/2011	Date Prepared: 09/01/2011	09/01/20	110	An	Analyst:]	BBH						
Reporting Units: mg/kg		M	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY	E / MAT	RIX SPII	KE DUPLICA	TE RECO	VERY S	STUDY			
TPH By SW8015B Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Spiked Result Sample [C] %R	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spike Spiked Sample Added Result [F] [E] [E]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
C6-C10 Gasoline Range Hydrocarbons	<16.3	1090	810	74	1080	762	71	9	70-135	35		
C10-C28 Diesel Range Hydrocarbons	<16.3	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)

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Final 1.000

Page 12 of 15



Sample Duplicate Recovery



Project Name: Lotus 'ALT' State # 3

Work Order #: 426704

Lab Batch #:	868800				Project I	D: 30-025-3	36005
Date Analyzed:	08/30/2011 11:45	Date Prepar	ed: 08/30/2011	Ana	lyst:BRB		
QC- Sample ID:	426704-001 D	Batch	h #: 1	Mat	rix: Soil		
Reporting Units:	%		SAMPLE /	SAMPLE	DUPLIC	ATE REC	OVERY
	Percent Moisture		Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag
	Analyte			[B]			
Percent Moisture			7.57	7.12	6	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes. BRL - Below Reporting Limit

Odessa, Texas 79765 Fax: 432-563-1713 Project Name: Lotus 'ALT' State #3		Project	8210 PO#: 103-2636	Fax No: Report Format: X Standard TRRP	e-mail: jhaass@yatespetroleum.com		Preservation & # of Containers Matrix 58 6601 56	Beginning Depth Ending Depth Ending Depth Date Sampled Time Sampled Field Filtered Total #, of Containers Field Filtered Merch Spanpled Mark (Specify) HC3 Mark (Specify) Mark (Specify) Mark (Specify) Mark (Specify) Mark (Specify) HC3 Mark (Specify) Mark (Specify	1ft 8/22/2011 10:30am	1ft 1ft 8/22/2011 10:45am X X X X X	1ft 1ft 8/22/2011 11:00am X S X X X	1ft 1ft 8/22/2011 11:20am X X X X	1ft 1ft 8/22/2011 11:30am X X X X X					B		Time 9:12 AM
					Preservation & # of Containers	Preservation & # of Containers		Total #. of Containers lee H ₁ CO H ₂ CO H ₂ CO H ₂ CO H ₂ CO H ₂ O Mone			_							as mg/kg.		Date
				Fax N	e-mő			belqms2 ets0	8/22/2011	8/22/2011	8/22/2011	8/22/2011	8/22/2011					1.000	Received by:	Received by:
	_				V)	$\left \right $							-				X: 8021	Time 9:12 AM	Time
		ress:	City/State/Zip: Artesia, NM 88210	Telephone No: 575-748-4311	Sampler Signature:	arily intra	1	FIELD CODE	Sample #1	Sample #2	Sample #3	Sample #4	Sample #5			PLEASE PUT CHLORIDES	ON SEPARATE REPORT	TPH: 8015B, BTE	Date 08/29/11	Date



XENCO Laboratories

Phoenix, San Antonio, Tampa

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia 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	Petro	oleum	
Date/Time:	8.30	D·II	9:45	
Lab ID # :	426704	+ 7	426705	
Initials:		ae		

Sample Receipt Checklist

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?	k	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)?		Tes	No		
9. Container labels legible and intact?		(Yes)	No		
10. Sample matrix / properties agree with chain of custody?		(Tes)	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)?		Tes	No		
15. All samples received within sufficient hold time?		Yes	No		
16. Subcontract of sample(s)?		Yes	No	NIA	
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 2.1 °C Ibs °C Ibs	°C	lbs	°C	lbs	°c

Nonconformance Documentation

Contact:_____Contacted by: _____Date/Time: ______
Regarding: ______
Corrective Action Taken: ______
Corrective Action Taken: ______
Check all that apply: □ Cooling process has begun shortly after sampling event and out of temperature

condition acceptable by NELAC 5.5.8.3.1.a.1.

□ Initial and Backup Temperature confirm out of temperature conditions

Client understands and would like to proceed with analysis

Analytical Report 426705

for Yates Petroleum Corporation

Project Manager: Jeremy Haass

Lotus 'ALT' State # 3

30-025-36005

08-SEP-11

Collected By: Client



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



08-SEP-11

Project Manager: Jeremy Haass Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 426705 Lotus 'ALT' State # 3 Project Address: Lea

Jeremy Haass:

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 426705. 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. 426705 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 426705



Yates Petroleum Corporation, Artesia, NM

Lotus 'ALT' State # 3

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Sample # 1	S	08-22-11 10:30	1 - 1 ft	426705-001
Sample # 2	S	08-22-11 10:45	1 - 1 ft	426705-002
Sample # 3	S	08-22-11 11:00	1 - 1 ft	426705-003
Sample # 4	S	08-22-11 11:20	1 - 1 ft	426705-004
Sample # 5	S	08-22-11 11:30	1 - 1 ft	426705-005



CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Lotus 'ALT' State # 3



 Project ID:
 30-025-36005

 Work Order Number:
 426705

Report Date: 08-SEP-11 Date Received: 08/30/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 426705 Yates Petroleum Corporation, Artesia, NM Project Name: Lotus 'ALT' State # 3



Project Id:	30-025-36005
Contact:	Jeremy Haass
Project Location:	Lea

Date Received in Lab: Tue Aug-30-11 09:45 am Report Date: 08-SEP-11

					FTOJCCI MAILAGEL: DICIII DAILOII II	DIGILI DALIOU II	
	Lab Id:	426705-001	426705-002	426705-003	426705-004	426705-005	
Andreis Ponnoctod	Field Id:	Sample # 1	Sample # 2	Sample # 3	Sample # 4	Sample # 5	
naicanhay ciclimur	Depth:	1-1 ft	1-1 ft	1-1 ft	1-1 ft	1-1 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Aug-22-11 10:30	Aug-22-11 10:45	Aug-22-11 11:00	Aug-22-11 11:20	Aug-22-11 11:30	
Anions by E300	Extracted:						
	Analyzed:	Sep-01-11 08:19	Sep-01-11 08:19	Aug-31-11 18:04	Aug-31-11 18:04	Aug-31-11 18:04	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		16700 182	111 8.53	17900 452	5520 94.1	407 8.69	
Percent Moisture	Extracted:						
	Analyzed:	Aug-30-11 11:45	Aug-30-11 11:45	Aug-30-11 11:45	Aug-30-11 11:45	Aug-30-11 11:45	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		7.57 1.00	1.49 1.00	7.13 1.00	10.7 1.00	3.37 1.00	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretentions and results expressed throughout this analytical report represent the best juggment of XENCO Laboratories. XENCO Laboratorics 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.

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Odessa Laboratory Manager Brent Barron II



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 quantitation 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 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 LOQ Limit of Quantitation

POL Practical Quantitation Limit **MOL** Method Quantitation Limit

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

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(770) 449-8800	(770) 449-5477
(602) 437-0330	



BS / BSD Recoveries



Project Name: Lotus 'ALT' State # 3

Sample: 868916-1-BKS Work Order #: 426705 Lab Batch ID: 868916 Analyst: BRB 1

Date Prepared: 08/31/2011

Batch #: 1

Project ID: 30-025-36005 Date Analyzed: 08/31/2011 Matrix: Solid

RI ANK /RI ANK SPIKE / BI ANK SPIKE DUPLICATE RECOVERY STUDY

Units: mg/kg		BLAN	BLANN /BLANN SPINE / BLANN SPINE DUPLICATE RECOVERY STUDY	FINE / B	CANA S	FINE DUPL	ICAIE	KECUVE	LKY STUD	Y	
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]	[0]	E	Result [F]	[<u>G</u>]				
Chloride	<0.840	20.0	21.8	109	20.0	21.8	109	0	75-125	20	
Analyst: BRB	Da	ite Prepar	Date Prepared: 09/01/2011	-			Date A	Date Analyzed: 09/01/2011	9/01/2011		
Lab Batch ID: 869030 Sample: 869030-1-BKS	sks	Batch #:	1 #: 1					Matrix: Solid	solid		
Units: mg/kg		BLAN	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY	PIKE / B	LANK S	PIKE DUPL	ICATE	RECOVE	CRY STUD	X	
Anions by E300	Blank Sample Result	Spike Added	Blank Spike	Blank Spike	Spike	Blank Spike	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag
	[A]		Result	%R		Duplicate	%R	0/0	%R	%RPD	D
Analytes		[B]	[C]	[0]	[E]	Result [F]	[6]				

20

75-125

_

112

22.4

20.0 Ξ

113

22.6

20.0

<0.840

Analytes Chloride

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 Relative Percent Difference RPD = 200* (C-F)/(C+F)



Form 3 - MS Recoveries



Project Name: Lotus 'ALT' State # 3

Work Order #: 426705							
Lab Batch #: 868916				Pro	oject ID:	30-025-360	05
Date Analyzed: 08/31/2011	Date P	repared: 08/3	1/2011	A	nalyst: B	RB	
QC- Sample ID: 426772-001 S		Batch #: 1		Ν	Matrix: S	oil	
Reporting Units: mg/kg		MATE	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300		Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes		[A]	[B]		[D]	/or	
Chloride		618	201	811	96	75-125	
Lab Batch #: 869030							
Date Analyzed: 09/01/2011	Date P	repared: 09/0	1/2011	А	nalyst: B	RB	
QC- Sample ID: 426798-001 S		Batch #: 1		I	Matrix: S	oil	
Reporting Units: mg/kg		MATE	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300		Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes		[A]	[B]				
Chloride		382	215	647	123	75-125	

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

BRL - Below Reporting Limit



Sample Duplicate Recovery



Project Name: Lotus 'ALT' State # 3

Work Order #: 426705

Lab Batch #: 868916			Project I	D: 30-025-3	6005
	ate Prepared: 08/31/201	1 An	alyst:BRB		
QC- Sample ID: 426772-001 D	Batch #: 1	Ma	trix: Soil		
Reporting Units: mg/kg	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Anions by E300 Analyte	Parent Sample Result [A]	e Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	618	619	0	20	
Lab Batch #: 869030					
	ate Prepared: 09/01/201	1 An:	alyst:BRB		
QC- Sample ID: 426798-001 D	Batch #: 1	Ma	trix: Soil		
Reporting Units: mg/kg	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Anions by E300	Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		[B]			
Chloride	382	387	1	20	
Lab Batch #: 868800					
Date Analyzed: 08/30/2011 11:45	ate Prepared: 08/30/201	1 An:	alyst: BRB		
QC- Sample ID: 426704-001 D	Batch #: 1	Ma	trix: Soil		
Reporting Units: %	SAMPLE	/ SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture Analyte	Parent Sample Result [A]	e Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	7.57	7.12	6	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes. BRL - Below Reporting Limit

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST t1-20 East Phone: 432-563-1800 tax: 432-563-1713	Project Name: Lotus 'ALT' State #3	Project #: <u>30-025-36005</u>	Lea	PO #: 103-2636	X Standard TRRP NPDES	Analyza For		95 95	Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metais: As Ag Ba Cd Cr Pb Hg Samivolatiles RCI N.O.R.M. Chlorides Chlorides Standard TAT (Pre-Schedule) 24, Standard TAT (Pre-Schedule) 24,	X X X	X X X	x x x	×	x					Laboratory Comments: Sample Containers Intact? NOTE Free of Headstrace?	Custody seals on container(s)	O K	
Y RECORD A	Project Name	Project #	Project Loc: Lea	#O4	Report Format:	mo		Matrix	GM = Groundwater Specify Other TPH: 416,1 8015/M = 00 TPH: 416,1 8015/M = 00 TPH: 416,1 8015/M = 00	s x	s x	s x	×	×					Sa Vr	Time	Time	Time
DF CUSTOD It 55					2	etroleum.o		H	DW=Drnking Water SL=Studge Other (Specify)										Thank you.	Date	Date	Date
CHAIN OF 12600 West I-20 East Odessa, Texas 79765						jhaass@yatespetroleum.com		Preservation & # of Containers	otal #, of Containers Ice HgCo HaCA NaOH	×	×	×	×	×					Please show BTEX results as mg/kg.	2		
					Fax No:	e-mail:			Delqms2 smiT ield Fitered	10:30am	10:45am	11:00am	11:20am	11:30am					Please show BT			
Texas									belqms2 etsD	8/22/2011	8/22/2011	8/22/2011	8/22/2011	8/22/2011					& Chlorides. F	Received by:	Received by:	TO LEAST AND
of		-			1				dîqa Depth	1ft	1ft	1ft	1ft	1ft		-	1					T
-ab		5							dinning Depth	1ft	1ft	1ft	1ft	1ft					EX: 80	Time 9:12 AM	Time	Time
ental L	SS	Yates Petroleum Corporation	th Street	88210	-	Siller	-	50										DES	TPH: 8015B, BTEX: 8021B	Date 08/29/11	Date	Data
XENCO-Environmental Lab o	Project Manager: Jeremy Haass	Company Name Yates Petrole	Company Address: 105 South 4th Street	City/State/Zip: Artesia, NM 88210	Telephone No: 575-748-4311	Sampler Signature:		ORDER # 426704 / 426705	FIELD CODF	Sample #1	Sample #2	Sample #3	Sample #4	Sample #5				PLEASE PUT CHLORIDES ON SEPARATE REPORT	Special Instructions: TPH	A by	d by:	
EN	٩	0	0	0	F	S	(lab use only)	RDER #	(yino seu dsi) # 8A	2	3	60	ha	8			+		ecial Ins	Relinquished by	Relinquished by:	



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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 1	etre	leum
Date/Time:	8.30	· 11	9:45
Lab ID # :	426704	7	426705
Initials:		ae	

Sample Receipt Checklist

1. Samples on ice?	Blue	Water	No	
2. Shipping container in good condition?	Tes	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Tes	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)?	Tes	No		
9. Container labels legible and intact?	(Yes)	No		
10. Sample matrix / properties agree with chain of custody?	(Tes)	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)?	TYPES	No		
15. All samples received within sufficient hold time?	Yes	No		
16. Subcontract of sample(s)?	Yes	No	NA	
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.	
Ibs 2.1 °C Ibs °C Ibs	°C Ibs	°C	lbs	°C

Nonconformance Documentation

□ Initial and Backup Temperature confirm out of temperature conditions

Client understands and would like to proceed with analysis

Analytical Report 427797

for Yates Petroleum Corporation

Project Manager: Jeremy Haass

Lotus 'ALT' State # 3

30-025-36005

29-SEP-11

Collected By: Client



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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)

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



29-SEP-11

Project Manager: Jeremy Haass Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 427797 Lotus 'ALT' State # 3 Project Address: Lea County

Jeremy Haass:

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 427797. 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. 427797 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 427797

Yates Petroleum Corporation, Artesia, NM

Lotus 'ALT' State # 3

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Sample # 1	S	09-14-11 09:45	3 - 3 ft	427797-001
Sample # 3	S	09-14-11 10:00	3 - 3 ft	427797-002
Sample # 4	S	09-14-11 10:15	3 - 3 ft	427797-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Lotus 'ALT' State # 3



 Project ID:
 30-025-36005

 Work Order Number:
 427797

Report Date: 29-SEP-11 Date Received: 09/16/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 427797 Yates Petroleum Corporation, Artesia, NM Project Name: Lotus 'ALT' State # 3



Project Id: 30-025-36005 Contact: Jeremy Haass Project Location: Lea County

Date Received in Lab: Fri Sep-16-11 12:00 pm Report Date: 29-SEP-11

					Project Manager: Brent Barron II	
	Lab Id:	427797-001	427797-002	427797-003		
Andraia Domoctod	Field Id:	Sample # 1	Sample # 3	Sample # 4		
naisanhay sistimut	Depth:	3-3 ft	3-3 ft	3-3 ft		
	Matrix:	SOIL	SOIL	SOIL		
	Sampled:	Sep-14-11 09:45	Sep-14-11 10:00	Sep-14-11 10:15		
Anions by E300	Extracted:					
	Analyzed:	Sep-21-11 18:27	Sep-21-11 18:27	Sep-21-11 18:27		
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		2590 21.5	3810 43.4	2880 42.6		
Percent Moisture	Extracted:					
	Analyzed:	Sep-19-11 10:30	Sep-19-11 10:30	Sep-19-11 10:30		
	Units/RL:	% RL	% RL	% RL		
Percent Moisture		2.30 1.00	3.17 1.00	1.41 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 represensibility 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 quantitation 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 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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(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	



BS / BSD Recoveries



Project Name: Lotus 'ALT' State # 3

Work Order #: 427797	<i>t</i> : 427797	
Analyst: BRB	BRB	
Lab Batch ID: 870534	870534	Sample: 870534-1-BKS
Units: mg/kg	mg/kg	

Date Prepared: 09/21/2011

Batch #: 1

Project ID: 30-025-36005 Date Analyzed: 09/21/2011 Matrix: Solid

Units: mg/kg		BLANH	K/BLANK S	PIKE / B	LANK S	3LANK /BLANK SPIKE / BLANK SPIKE DUPLICATE 1	ICATE I	RECOVE	RECOVERY STUDY	Y	
Anions by E300	Blank	Spike	Blank	Blank	Spike	Blank	Blk. Spk		Control	Control	
	Sample Result	Added	Spike	Spike	Added	Spike	Dup.	RPD	Limits	Limits	Flag
	[A]		Result	%R		Duplicate	%R	%	%R	%RPD	
Analytes		[B]	[C]	[D]	[E]	Result [F]	[6]				
Chloride	<0.840	20.0	21.8	109	20.0	22.1	111	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)/[F] All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries



Project Name: Lotus 'ALT' State # 3

Work Order #: 427797 Lab Batch #: 870534			Pr	oject ID:	30-025-360	005
Date Analyzed: 09/21/2011	Date Prepared: 09/2	1/2011	Α	nalyst: B	RB	
QC- Sample ID: 427797-001 S	Batch #: 1		I	Matrix: S	oil	
Reporting Units: mg/kg	MATE	IX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300	Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes	[A]	[B]				
Chloride	2590	512	3000	80	75-125	

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

BRL - Below Reporting Limit



Sample Duplicate Recovery



Project Name: Lotus 'ALT' State # 3

Work Order #: 427797

Lab Batch #: 870534			Project I	D: 30-025-3	6005
	ared: 09/21/2011	Ana	lyst:BRB		
QC- Sample ID: 427797-001 D Bat	ch #: 1	Mat	rix: Soil		
Reporting Units: mg/kg	SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		[B]			
Chloride	2590	2590	0	20	
Lab Batch #: 870381					
	ared: 09/19/2011	Anal	lyst:BRB		
Date Analyzed: 09/19/2011 10:30 Date Prepa	nred: 09/19/2011 ch #: 1		lyst:BRB rix: Soil		
Date Analyzed: 09/19/2011 10:30 Date Prepa	ch #: 1		rix: Soil	ATE REC	OVERY
Date Analyzed: 09/19/2011 10:30 Date Prepared QC- Sample ID: 427800-001 D Bate	ch #: 1	Mat / SAMPLE	rix: Soil	ATE RECO Control Limits %RPD	OVERY Flag

Spike Relative Difference RPD 200 * | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes. BRL - Below Reporting Limit

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S REQUEST 432-563-1800 432-563-1713	Sta						ğ	09	BTEX 80218/5030 or BTEX 826		-			-	+	-	+	+	-	-	-4	tact?	() taine	Rep.	eceip
VAL YS/S REQUEST Phone: 432-563-1800 Fax: 432-563-1713	E	005					Analyze For:	+	Volatiles		-	-		-	+	+	+	+	-	+	-	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?	Labels on container(s) Custody seals on container(s)	Sample Hand Delivered by Sampler/Client Rep.	by counter UPS to
ALY: Phone Fax:	A'	Project #: 30-025-36005	Inty	9	X Standard		A	85	Metals: As Ag Ba Cd Cr Pb Hg					-	+	+	+	-	-	-		taine of He	Is on	d De	er v
AN	tus	-025	Cou	-263	Star		TCLP:	ł	SAR / ESP / CEC													Con	y sea	Han	rature
DN	Ľ	30	Lea	103	×		P P		(vitinits) Alkalinity)													mple Cs F	stod	by	Zape v
SD A	ame	ct #	Loc	PO #: 103-2636	at:			-	Cations (Ca, Mg, Va, K)		_	-			-	-		-	-	-	-	Sa	50E	Sa	10
COF	ct N	Proje	Project Loc: Lea County		orm	- 1		89	TPH: 416.1 8015M 801 8001 XT 8015X 3001 XT 3001		-	-	-	-	+	-	+	+	-+	+	-		ime	Time	n S
CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Phone: 432-563-1800 xas 79765 Fax: 432-563-1713	Project Name: Lotus 'ALT' State	_	Pro		Report Format:	εl			NP=Non-Potable Specify Other					+	+	+	+	+	-	-	-		F	F	Time 12:0
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CU						ihaass@yatespetroleum.com		ners	None (1910002) 1041()		-	_		+	+	-	+	+	-	+	+	Thank you	1	Ľ	9.16.11
1 OF ast 765						pet		Preservation & # of Containers	©ZS2BN		-			-	+	-	-	+		-	-	L L		-	
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CHAIN OI 12600 West I-20 East Odessa, Texas 79765						haa		Pre	HNO ² Ice	×	×	×		-	+	+	-			+	-[esul			2
10								Ч	Total #. of Containers		~	-		-	+	+	+	+	-	+		X		1	W
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					Fax No:	e-mail:			belqms2 emiT	9:45am	10:00am	10:15am										Please show BTEX results as mg/kg.			la E
Texas)		bəiqms2 əts0	9/14/2011	9/14/2011	9/14/2011									-	B & Chlorides.	Received by:	Received by:	Received by ELOT
of						VS,			ding Depth	3ft	3ft	3ft													
-ab		u				11			dîqe0 galanige5	3ft	3ft	3ft										X: 80	Time 2:32 PM	Time	Time
ental L	SS	Yates Petroleum Corporation	h Street	88210	-	1	- 	_												ES	RT	TPH: 8015B, BTEX: 8021	Date 09/15/11	Date	Date
XENCO-Environmental Lab	Project Manager: Jeremy Haass	Company Name Yates Petrole	Company Address: 105 South 4th Street	City/State/Zip: Artesia, NM 88210	Telephone No: 575-748-4311	Sampler Signature:	-	LHLICH	FIELD CODE	Sample #1	Sample #2	Sample #3								PLEASE PUT CHLORIDES	N SEPARATE R		N. M.	DV: D	POLX
XENC	Prc	ů	S	Cit	Tel	Sai	(lab use only)	ORDER #:	(Yino seu dsi) # 8A.	б	23	Ŝ										Special Instructions:	Relinquished by:	Relinquished by:	Relinquished by:



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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:	Vates Petroleum
Date/Time:	9.16.11 12:00
Lab ID # :	427797
Initials:	Q.E

Sample Receipt Checklist

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 pottles		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?		(Tes)	No		
14. Sufficient sample amount for indicated test(s)?		Tes	No		
15. All samples received within sufficient hold time?		(Yes)	No		
16. Subcontract of sample(s)?		Yes	No	(NA)	
17. VOC sample have zero head space?		Yes	No	NA>	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	0	Cooler 4 No.		Cooler 5 No.	
Ibs 11.0 °C Ibs °C Ibs	°C	lbs	°C	lbs	°C

Nonconformance Documentation

Contact:_____Contacted by:_____Date/Time:_____ Regarding: _____Corrective Action Taken: ______Corrective Action Taken: _______Corrective Action Taken: ______Corrective Action Taken: _______Corrective Action Taken

condition acceptable by NELAC 5.5.8.3.1.a.1.

□ Initial and Backup Temperature confirm out of temperature conditions □ Client understands and would like to proceed with analysis