

EOG Resources, Inc. Artesia Division Office 104 S. 4th Street Artesia, N. M. 88210

July 29, 2022

Bradford Billings EMNRD 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Laney AGJ Federal Com #1 30-015-26091 K-11-18S-24E Eddy County, NM 2RP-534 Incident # nMLB1014041598

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site which currently has open incident on the NMOCD E-Permitting website. The report is being submitted in reference to the release notification submitted on May 19, 2010, and the C-141 Final dated January 26, 2011. This open incident appears to be an additional incident entry for 2RP-534, which is officially closed in E-Permitting with Incident # nKMW1035742614. EOG Resources, Inc. has included a C-141 Final with the most current form in this Closure Report, and hereby requests closure of the open incident.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chase Settle

Chase Settle Rep Safety & Environmental Sr EOG Resources, Inc.

Laney AGJ Federal Com #1 Closure Report #nMLB1014041598



July 29, 2022

Laney AGJ Federal Com #1

Closure Report

30-015-26091

K-11-18S-24E

Eddy County, NM

July 29, 2022

nMLB1014041598

energy opportunity growth

Laney AGJ Closure Rep #nMLB1014		July	29, 2022
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111.	Scope of Work Completed		1
IV.	Closure Request		1

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Appendices:

- Appendix A: Release Notification Email
- Appendix B: NMOCD E-Permitting Page
- Appendix C: Current C-141 Closure Request
- Appendix D: nKMW1035742614 Documents

Laney AGJ Federal Com #1 Closure Report #nMLB1014041598



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I. Location

The site is located in Eddy County, New Mexico approximately 8.75 miles west southwest of Atoka.

II. Background

On May 19, 2010, Yates Petroleum Corporation (YPC) discovered a release at the Laney AGJ Federal Com #1. Due to the estimated volume released, a Major Release notification was submitted to NMOCD through phone and email that same day (Appendix A). The initial volume reported in the notification email was estimated to be 112 barrels of condensate. On the NMOCD E-Permitting page for Incident nMLB1014041598, it states in the Details section "release notification- C-141 due 6/3/10. Release due to bottom rotting out of storage tank". The entry date for the details is May 20, 2010, the day after the release notification was submitted through email. A view of the E-Permitting page is included as Appendix B. However, when the C-141 Initial was submitted on May 25, 2010, the volume release had been corrected to 128 barrels oil and 5 barrels produced water. For unknown reasons, the incident that had been created from the release notification email was not updated, and a new incident (nKMW1035742614) was created with the corrected volumes, but the first incident was not canceled or closed.

III. Scope of Work Completed

Impacted soil was excavated and hauled to a NMOCD approved disposal facility with analytical results confirming the removal of impacted soil above the NMOCD required thresholds. NMOCD provided approval for backfill activities and granted closure of the remediation on January 20, 2011. Details for this remediation work are included as Appendix D.

IV. Closure Request

The release received closure from NMOCD on January 26, 2011, when the C-141 Final was signed and approved by Mike Bratcher. However, during a review of the open incidents on the NMOCD E-Permitting website, it was discovered that the duplicated incident which had been created based on the release notification email remained open.

Based on the already approved closure of the release, and this incident being a duplicate for the same release, EOG is submitting nMLB1014041598 with the current C-141 Closure Form as Appendix C to officially close the open duplicate incident.

Laney AGJ Federal Com #1 Closure Report #nMLB1014041598



July 29, 2022

Appendix A Release Notification Email

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Bob Asher

From:	Bob Asher
Sent:	Wednesday, May 19, 2010 1:59 PM
To:	' (mike.bratcher@state.nm.us)'
Cc:	Jerry Fanning
Subject	: Release (Laney AGJ Federal Com. #1)

Yates Petroleum Corporation is reporting a release at the following location.

Laney AGJ Federal Com. #1 30-015-26091 Section 11, T18S-R24E Eddy County, New Mexico.

Release from a tank bottom failure, approximately 112 B/C were released, 0 B/C recovered.

An Initial C-141 will be submitted with complete information.

Thank you.

Robert Asher **Yates Petroleum Corporation** boba@yatespetroleum.com 575-748-4217 (Office) 575-365-4021 (Cell) 575-748-4662 (Fax) Lo. Beached at

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 March 1997 Constraints and the second se second sec Laney AGJ Federal Com #1 Closure Report #nMLB1014041598



July 29, 2022

Appendix B NMOCD E-Permitting Page

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OCD Permitting

Home Searches Incidents Incident Details

NMLB1014041598 2010 MAJOR A SPL @ 30-015-26091

General Incident Ir	nformation	
Site Name:		
Well:	[<u>30-015-26091]</u> LANEY AGJ FED. COM #001	
Facility:	<u>50-010-20001</u> LANET AGT ED. CONT#001	
Operator:	[328565] BAM Permian Operating, LLC	
Status:	Closure Not Approved	Severity: Major
	Release Other	Severity: Major Surface Owner: Private
Type: District:	Artesia	County: Eddy (15)
District.		
Incident Location:	F-11-18S-24E 1980 FNL 1980 FWL	
	32.7648849,-104.5612106 NAD83	
Lat/Long:	52.7040043,-104.5012100 NAD05	
Directions:		
Notes		
Source of Referral:	Industry Rep	Action / Escalation:
Decelle due Eine		Will or Has Reached Watercourse:
Resulted In Fire:		
Endangered Public H	lealth:	Property Or Environmental Damage:
Fresh Water Contami	ination:	
Tresh water Containin		
Contact Details		
Contact Name:		Contact Title:
Event Dates		
Date of Discovery:	05/19/2010	OCD Notified of Release:
Extension Date:	11/15/2018	
Initial C-141 Received		Cancelled Date:
Characterization Rep		Characterization Report Approved:
Remediation Plan Re	ceived:	Remediation Plan Approved:
		Remediation Due:
Closure Report Recei	ived:	Closure Report Approved:

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Quick Links

- General Incident Information
- <u>Materials</u>
- Events
- Orders

Associated Images

- Incident Files (0)
- Well Files (28)

New Searches

- New Facility Search
- New Incident Search %
- New Operator Search &
- <u>New Spill Search</u>
- New Tank Search %
- New Well Search §

					Recovered		
	Corrosion	Production Tank	Condensate	112	0	112	BBL
In	cident E	vents					

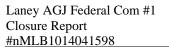
Orders

No Orders Found

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220 SIGN-IN HELP

Searches **Operator Data** Hearing Fee Application

EMNRD Home OCD Main Page OCD Rules Help





July 29, 2022

Appendix C Current C-141 Closure Request

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Incident ID	nMLB1014041598
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

 \square Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Page 6

 Printed Name:
 Chase Settle
 Title:
 Rep Safety & Environmental Sr

 Signature:
 Chase Settle
 Date:
 07/29/2022

_{email:} Chase_Settle@eogresources.com

OCD

Telephone: 575-748-1471

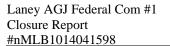
OCD Only

Received by:

Date: 7/31/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:	Ashley Maxwell	Date:	2/27/2023
Printed Name:Ashley Maxw	rell	Title: _	Environmental Specialist





July 29, 2022

Appendix D nKMW1035742614 Documents

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Received by ACD5-231(30PE-700:01 PM YATES ENGINEERING

FAX NO. 15057484585

Form C-141 Revised October 10, 2003

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

Ra KMW 1035742614	elease Notification and Corrective OPERATOR
District III 1000 Rio Bruzos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505
<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210	State of New Mexico Energy Minerals and Natural Resources

tion and Corrective Action

ink	mw 1035742614	OPER	ATOR	Initial Report	Final Report
	Name of Company	OGRID Number	Contact		
	Yates Petroleum Corporation	25575	Robert Asher		
	Address		Telephone No.		
	104 S. 4 TH Street		575-748-1471		
	Facility Name	API Number	Facility Type		
	Laney AGJ Federal Com. #1	30-015-26091	Battery		
ſ	Surface Owner	Mineral Owner		Lease No.	
	Fee	Federal		NM-18481	

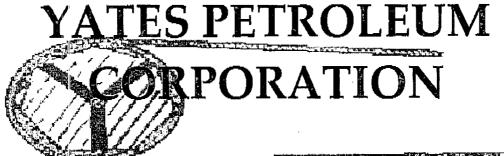
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	11	18S	24E	1980	South	1980	West	Eddy
)	,]				

Latitude 32.74642 Longitude 104.54369

NATURE	OF RELEASE					
Type of Release	Volume of Release Volume Recovered					
Oil & Produced Water	128 B/O & 5 B/PW 0 B/O & 0 B/PW					
Source of Release	Date and Hour of Occurrence Date and Hour of Discovery					
Production tank	5/19/2010, AM 5/19/2010, AM					
Was Immediate Notice Given?	If YES, To Whom?					
🛛 Yes 🗍 No 🔲 Not Required	Mike/Bratcher/NMOCD Artesia					
By Whom?	Date and Hour					
Robert Asher/YPC Environmental	5/19/2010, PM (voicemail & e-mail)					
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.					
🗋 Yes 🖾 No	N/A					
If a Watercourse was Impacted, Describe Fully.*						
N/A						
Describe Cause of Problem and Remedial Action Taken.*						
Hole in bottom of production tank.						
Describe Area Affected and Cleanup Action Taken.*						
An approximate area of 15' X 15'. No oil or produced water to recover.	Production tank to be pulled and vertical/horizontal delineation to determine					
extent of impacted soils. Vertical and horizontal delineation samples will	be taken and analysis ran for TPH & BTEX. If initial analytical results for TPH					
& BTEX are under RRAL's a Final Report, C-141 will be submitted to the	e OCD requesting closure. If the analytical results are above the RRAL a work					
plan will be submitted to the OCD. Depth to Ground Water: >100' (ap	prox. 350', Section 11, T18S-R24E, per New Mexico Office of the State					
Engineer), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and						
I hereby certify that the information given above is true and complete to t	he best of my knowledge and understand that pursuant to NMOCD rules and					
	otifications and perform corrective actions for releases which may endanger					
public health or the environment. The acceptance of a C-141 report by th	e NMOCD marked as "Final Report" does not relieve the operator of liability					
should their operations have failed to adequately investigate and remediat	te contamination that pose a threat to ground water, surface water, human health					
	loes not relieve the operator of responsibility for compliance with any other					
federal, state, or local laws and/or regulations.						
\sim \sim	OIL CONSERVATION DIVISION					
Signature: Jeen (J.						
signature.	Signed By M/4 Dressource					
Printed Name: Robert Asher	Approved by Distrier Supervisor					
3 Inited Pable: Robert Asilei						
Title: Environmental Regulatory Agent	Approval Date: /////// Expiration Date:					
The Environmental Regulatory Agent						
E-mail Address: boba@yatespetrpoleun.com	Conditions of Approval:					
	REMEDIATION per OCD Rules and Attached					
Date: Tuesday, May 25, 2010 Phone: 575-748-4217	REMEDIATION PER OCD MARCO AND					
	uidelines. SUBMIT REMEDIATION					
DE	ROPOSAL BY: 2/11/11 2RP-534					
<u>PT</u>	1/1/1 $1/1/2 $ $1/1/2$					

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FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Mike Bratcher	Robert Asher
FAX NUMBER:	DATE:
9-748-972(Tuesday, May 25, 2010
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER:
NMOCD	. 2
RE:	NOTES/COMMENTS:
C-141; Laney AGJ Federa	Com. #1 Initial Report (5/19/2010 Release)
	🕐 🔲 PLEASE COMMENT 🖾 PLEASE REPLY 🛛 PLEASE RECYCLE
n per segui de ser a la companya de la companya de La companya de la comp	(a) A set of the
ADDITIONAL NOTE: & COMMENTS:	
A general sector and the sector and the	
nga (mana ang ang ang ang ang ang ang ang ang	A share a second se

Call me if you have any questions, 575-748-4217.

Thank you.

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Robert Asher

Environmental Regulatory Department

105 SOUTH FOURTH STREET • ARTESIA, NEW MEXICO 88210-2118 PHONE: 575-748-4217 (DIRECT) • FAX: 575-748-4662

Bratcher, Mike, EMNRD

From: Sent: To: Cc: Subject: Bob Asher [BobA@yatespetroleum.com] Friday, January 07, 2011 8:48 AM Bratcher, Mike, EMNRD Jerry Fanning Sampling (Laney AGJ Federal Com. #1

Mike,

I will be sampling at the following location on Tuesday, January 11, 2011 at 9:30 AM.

Laney AGJ Federal Com. #1 30-015-26091 Section 11, T18S-R24E Eddy County, New Mexico

Thank you.

Robert Asher Yates Petroleum Corporation Office: (575) 748-4217 Cell: (575) 365-4021 Fax: (575) 748-4662 boba@yatespetroleum.com

Administrative/Environmental Order



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pKMW1035742839

2RP - 534

YATES PETROLEUM CORPORATION

12/23/2010

MARTIN YATES, 111 1912-1985

FRANK W. YATES

5.P. YATES



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (575) 748-1471 JOHN A. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES JR.

SCOTT M. YATES

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI CHIEF FINANCIAL OFFICER

January 20, 2011

Mr. Mike Bratcher NMOCD District II 1301 West Grand Artesia, NM 88210

Re: Laney AGJ Federal Com. #1 2RP-534 30-015-26091 Section 11, T18S-R24E Eddy County, New Mexico JAN 2 0 2011 NMOCD ARTESIA

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on May 19, 2010 (128 B/C & 5 B/PW was released with 0 B/C & 0 B/PW recovered). A C-141 Initial Report was submitted to your office on 5/25/2010. Initial samples were taken on 26/10/2010 and were above limits (TPH <5000 ppm & BTEX <50 PPM, chlorides for documentation) for the site ranking of 0. A work plan was mailed to your office on August 2, 2010 and because of contractor availability excavation work began September 17, 2010. The impacted soils were excavated to a depth of ten (10) feet and taken to an NMOCD approved facility. Vertical and horizontal delineation samples were taken on 9/29/2010 and sent to an OCD approved laboratory and were still above limits (TPH <5000 ppm & BTEX <50 PPM). Impacted soils were excavated and hauled to an NMOCD approved facility. Additional delineation samples were taken on 11/8/2010 from the north sidewall and the tank bottom and sent to an NMOCD approved laboratory and the tank bottom results were still above limits (TPH <5000 ppm & BTEX <50 PPM), impacted soils were excavated and hauled to an NMOCD approve facility. Samples were taken on 12/7/2010 and sent to an NMOCD approved laboratory, the tank bottom results were below limits but the east side wall results were still above limits (TPH <5000 ppm & BTEX <50 PPM), impacted soils from the east side wall were excavated and hauled to an NMOCD approve facility. Samples were taken on 12/28/2010 and sent to an NMOCD approved laboratory and the east side wall results were below limits (TPH <5000 ppm & BTEX <50 PPM). The NMOCD was notified of sampling at the location on 1/11/2011 and sent to an NMOCD approved laboratory with all results being below limits (TPH <5000 ppm & BTEX <50 PPM). Enclosed are the analytical reports and sample diagram.

KATHY H. PORTER SECRETARY DENNIS G. KINSEY TREASURER There is currently an open excavation (approximately 30' x 30' x 18' deep), it is fenced but still poses a threat to livestock, human health, Yates Petroleum Corporation requests closure based on the impacted soils excavated/removed, analytical results and current open excavation risks.

If you have any questions, please call me at 575-748-4217.

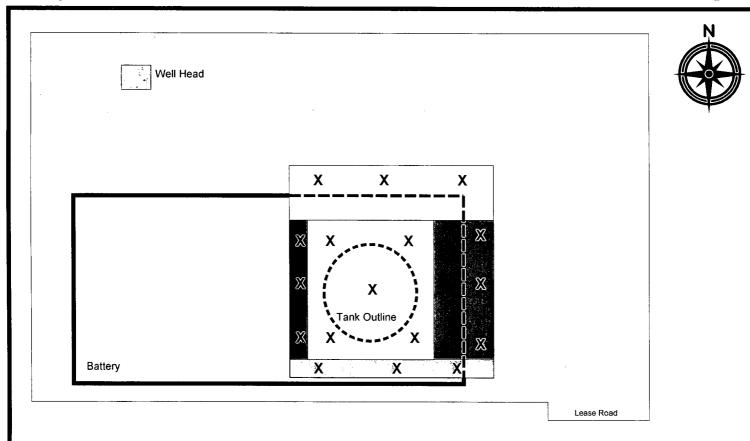
Thank you.

YATES PETROLEUM CORPORATION

UMI

Robert Asher Environmental Regulatory Agent

/rca Enclosure(s)



Analytical Report- 403367	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL
Comp-18.0 T/B	Bottom	1/11/2011	Comp/Shovel	1' (18' BSL)	12.08	459	1320	1780
Comp-16.0 NSW	North Side Wall	1/11/2011	Comp/Shovel	16' BSL	0.0413	ND	ND	ND
Comp-16.0 ESW	East Side Wall	1/11/2011	Comp/Shovel	16' BSL	ND	ND	ND	ND
Comp-16.0.SSW	South Side Wall	1/11/2011	Comp/Shovel	16' BSL	0.0021	ND	ND	ND
Comp-16.0 WSW	West Side Wall	1/11/2011	Comp/Shovel	16' BSL	0.0011	ND	ND	ND

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 350, per New Mexico State Engineer Office).

All results are ppm. BSL - Below Surface Level.

Released: 128 B/O & 5 B/PW; Recovered: 0 B/O & 0 B/PW. Release Date: 5/19/2010



Laney AGJ Federal. #1

30-015-26091

Section 11, T18S-R24E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 403367 Report Date: 1/14/2011

Prepared by Robert Asher Environmental Regulatory Agent

Analytical Report 403367

for Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal Com. #1

30-015-26091

14-JAN-11



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)



14-JAN-11

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

Reference: XENCO Report No: 403367 Laney AGJ Federal Com. #1 Project Address: Eddy 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 403367. 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. 403367 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 *age 21 of 82*

Received by OCD: 7/31/2022 7:10:14 PM



Sample Cross Reference 403367



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal Com. #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp- 18.0 TB	S	Jan-11-11 10:00	18 - 18 ft	403367-001
Comp- 16.0 NSW	S	Jan-11-11 10:05	16 - 16 ft	403367-002
Comp- 16.0 ESW	S	Jan-11-11 10:10	16 - 16 ft	403367-003
Comp- 16.0 SSW	S	Jan-11-11 10:15	16 - 16 ft	403367-004
Comp- 16.0 WSW	S	Jan-11-11 10:20	16 - 16 ft	403367-005

CASE NARRATIVE

Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal Com. #1



Project ID: 30-015-26091 Work Order Number: 403367 Report Date: 14-JAN-11 Date Received: 01/12/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-839679 BTEX by EPA 8021B SW8021BM

Batch 839679, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 403367-001.

4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 403367-001.

SW8021BM

Batch 839679, Benzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike. Ethylbenzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 403367-001, -003, -005, -004, -002.

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



Certificate of Analysis Summary 403367 Yates Petroleum Corporation, Artesia, NM

Project Name: Laney AGJ Federal Com. #1



Project Id: 30-015-26091 Contact: Robert Asher Project Location: Eddy County Date Received in Lab: Wed Jan-12-11 11:30 am

Report Date: 14-JAN-11

Project Location: Eddy County								Kepon	Date.	14-3/11-11		
					-			Project Ma	nager:	Brent Barron	, II	······
	Lah Id:	403367-	001	403367-0	02	403367-	003	403367-0	004	403367-	005	
Anglusis Deguested	Field Id:	Comp-18	.0 TB	Comp- 16.0	NSW	Comp- 16.0) EŞW	Comp- 16.0	SSW	Comp- 16.0	wsw	4
Analysis Requested	Depth:	18-18	ft ·	· 16-16 f	ì	16-16	ft	16-16	ft	16-16	ft	
	Matrix:	SOIL	-	SOIL		SOII	-	SOIL		SOIL		Į
	Sampled:	Jan-11-11	10:00	Jan-11-11	0:05	Jan-11-11	10:10	Jan-11-11	10:15	Jan-11-11	10:20	4
BTEX by EPA 8021B	Extracted:	Jan-13-11	15:45	Jan-13-11	5:45	Jan-13-11	15:45	Jan-13-11	15:45	Jan-13-11	15:45	
	Analyzed:	Jan-14-11	08:50	Jan-14-11 (0:30	Jan-14-11	00:53	Jan-14-11	01:16	Jan-14-11	01:38	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Benzene		ND	0.0205	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0011	·
Toluene		1.019	0.0411	0.0063	0.0021	ND	0.0021	ND	0.0020	ND	0.0021	·····
Ethylbenzene		1.367	0.0205	0.0041	0.0010	ND	0.0010	ND	0.0010	ND	0.0011	
m,p-Xylenes		8.813	0.0411	0.0296	0.0021	ND	0.0021	0.0021	0.0020	ND	0.0021]
o-Xylene		0.8801	0.0205	0.0013	0.0010	ND	0.0010	. ND	0.0010	ND	0.0011	
Xylenes, Total		9.693	0.0205	0.0309	0.0010	ND	0.0010	0.0021	0.0010	ND	0.0011	
Total BTEX		12.08	0.0205	0.0413	0.0010	ND	0.0010	0.0021	0.0010	0.0011	0.0011	
Percent Moisture	Extracted:	:										
	Analyzed:	Jan-12-11	17:00	Jan-12-11	7:00	Jan-12-11	17:00	Jan-12-11	17:00	Jan-12-11	17:00	
· · ·	Units/RL:	%	RL	. %	RL	%	RL	. %	RL	%	RL	
Percent Moisture		2.84	1.00	3.84	1.00	4.89	1.00	1.33	1.00	5.40	1.00	
TPH By SW8015B Mod	Extracted:	Jan-13-11	09:30	Jan-13-11 (9:30	Jan-13-11	09:30	Jan-13-11	09:30	Jan-13+11	09:30	
	Analyzed:	Jan-13-11	13:53	Jan-13-11	6:20	Jan-13-11	14:53	Jan-13-11	15:23	Jan-13-11	15:51	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
C6-C10 Gasoline Range Hydrocarbons		459	15.4	ND	15.6	ND	15.7	ND	15.2	ND	15.8	
C10-C28 Diesel Range Hydrocarbons		1320	15.4	ND	15.6	ND	15.7	ND	15.2	ND	15.8	
Total TPH		1780	15.4	ND	15.6	ND	15.7	ND	15.2	ND	15.8	

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Brent Barron, II

Odessa Laboratory Manager

Released to Imaging: 2/27/2023 11:21:49 AM

Page 5 of 15

Received by OCD: 7/31/2022 7:10:14 PM

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.

 \mathbf{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.

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XENCO-Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phone: 432-563-1800 Fax: 432-563-1713

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	Project Manager: Robert Asher														Pro	oject	Nar	ne:]	Lan	ey	AG	JF	ede	eral	<u> C</u>	om	. #1		
	Company Name Yates Petroleum Corpora	ation	: `			;					<u></u>		· ·			Pr	ojec	t #: <u>-</u>	30-0	15-2	609	1							
	Company Address: 105 South 4th Street		,		· · · · · · · · · · · · · · · · · · ·		:						<u>. </u>	• .	F	roje	ct L	oc: _E	Eddy	Cour	nty								
	City/State/Zip: Artesia, NM 88210											·- ·		_	•		PC)#: <u>1</u>	0563	32									
	Telephone No: 575-718-4217				Fax No:		575	5-748	3-466	3 <u>2</u>					Repor	t For	mat	: [s	tanda	ard	, ,		TRR	۱P	Γ		PDES	;
	Sampler Signature:	•			e-mail;			b	oba	@ya	tespe	etrol	eum.c	com				_									<u> </u>		•
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AB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	ield Filtered	otal #. ul Containers		HNO ₃		NaOH	Na ₂ S ₂ O ₃	None Other (Snerify)	DW=Drinking Water SL=Sludge	GW ≖ Groundwater S≖Sow/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015	TPH: TX 1005 TX 1006	Cations (Ca. Mg. Na. K)	Amons (CI, SO4, Akalinity) SAR / ESD / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles .	Semivolatiles	BTEX 8021B/5030 or 81EX 8260	5	N.O.R.M.	Chlorides		RUSH TAT (Pre-Schedule) 24.48, 72 hrs	andard TAT
	FIELD CODE			· · · · · · · · · · · · · · · · · · ·		та Ш			Í	Ē	ÊŽ	N	žč		_		₽	S.	a s	ž	8	ŝ	_	ВĊ ЧС	ž	박	+-	Ĩ	
	Comp-18.0 TB	18'	18'	1/11/2011	10:00 AM		1	X X	-			$\left \cdot \right $		╉	<u>s</u>	X X		-+		+-	+	┢┤	X X	-+	+	+		╂╌┨	X X
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	Comp-16.0 WSW	16'	16'	1/11/2011	10:20 AM			х				ŀ			S	x				Τ			x	\Box		\Box		\Box	х
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Special Ir	nstructions: TPH: 8015B & E	BTEX:	8021E	I. Please sh	ow ALL result	s as	s m	g/kg	ι. Τ	hank	(you	•						Sami	ole C	ontai	iners	ients Intac dspac	ct?		¢	$\langle \tilde{q} \rangle$	P,	z z z	9
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Relinquish	ed by: Date	Tir	ne	Received by ELC	Muldocs	k				1	•		D 1-1:2-	ate []		Time	÷		•			Rece						<u>°</u> С	

12600 West I-20 East

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oratories

XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas

Houston, Miami, Odessa, Philadelphia

Document Title: Sample Re	ceipt Checklist
Document No.: SYS-SRC	•
Revision/Date: No. 01, 5/27	7/2010
Effective Date: 6/1/2010	Page 1 of 1

Phoenix, San Antonio, Tampa

Prelogin / Nonconformance Report - Sample Log-In

client: lates Petroleum Corporation	
Date/Time: 1-12-10 11:30	*
Lab ID #: 403367	
Initials: 2M	

Sample Receipt Checklist

1. Samples on ice?	Blue	Water	No	<u>.</u>
2. Shipping container in good condition?	Fes	No	None	
3. Custody seals intact on shipping container (cooler) and pottles?	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	. ~.,	1.5
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		<u> </u>
10. Sample matrix / properties agree with chain of custody?	Tes	No		1. <u>1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1</u>
11. Samples in proper container / bottle?	Tes	·· No		in the second
12. Samples properly preserved?	Yest	No	N/A	
13. Sample container intact?	Yes	No		and a second
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	NAS	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 N	o	Cooler 5 No	•
	C lbs	°c	lbs	°C

Nonconformance Documentation

Contact:	Contacted by:		Date/Time:	· · · ·
Regarding:				
Regarding:	· · · · · · · · · · · · · · · · · · ·	······		
Corrective Action Tak	(en:		,	
e				
Check all that apply:	□ Cooling process has begun shortly condition acceptable by NELA □ Initial and Backun Temperature con	C 5.5.8.3.1.a.1.	-	re

□ Client understands and would like to proceed with analysis

.

Comp-160.SSW

Comp-16.0 WSW

Analytical Report-

402132

South Side Wall

West Side Wall

Sample Area

RPORATION

Well Head

TOTAL

4040

ND

7600

ND

ND

TOTAL

ND

Х X Lease Road Analytical Report-Sample Area Sample Type Sample Date Depth BTEX GRO DRO 399757 Comp-18.0 T/B Bottom 12/7/2010 Comp/Shovel 1' (18' BSL) 23.401 1690 2350 Comp-16.0 NSW North Side Wall 12/7/2010 Comp/Shovel 16' BSL 0.176 ND ND Comp-16.0 ESW East Side Wall 12/7/2010 Comp/Shovel 16' BSL 27.560 3040 4560

Comp/Shovel

Comp/Shovel

Sample Type

16' BSL

16' BSL

Depth

ND

ND

BTEX

ND

ND

GRO

 Comp-10.0 ESW
 East Side Wall
 12/28/2010
 Comp/Shovel
 16' BSL
 ND
 ND
 ND

 Site Ranking is Zero (0).
 Depth to Ground Water >100' (approx. 350, per New Mexico State Engineer Office).

 All results are ppm.
 BSL - Below Surface Level.
 X - Sample Points (12/7/2010) O - Sample Points (12/28/2010)

 Released:
 128 B/O & 5 B/PW; Recovered:
 0 B/O & 0 B/PW.
 Release Date:
 5/19/2010

12/7/2010

12/7/2010

Sample Date



30-015-26091

Section 11, T18S-R24E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale) Xenco Report #: 399757 Report Date: 12/13/2010

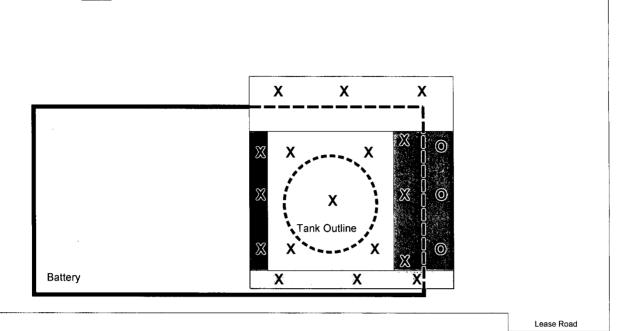
ND

ND

DRO

Xenco Report #: 402132 Report Date: 1/4/2011

Prepared by Robert Asher Environmental Regulatory Agent



Analytical Report 402132

for Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal #1

30-015-26091

04-JAN-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



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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)





04-JAN-11

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

Reference: XENCO Report No: 402132 Laney AGJ Federal # 1 Project Address: Eddy 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 402132. 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. 402132 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 402132



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-16.0 ESW	S.	Dec-28-10 10:54	16 - 16 ft	402132-001

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Page 3 of 14

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal # 1



 Project ID:
 30-015-26091

 Work Order Number:
 402132

Report Date: 04-JAN-11 Date Received: 12/30/2010

Sample receipt non conformances and Comments: None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-838209 BTEX by EPA 8021 SW8021BM

Batch 838209, Ethylbenzene, Toluene, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 402132-001.

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

Batch: LBA-838307 TPH by SW 8015B SW8015B_NM

Batch 838307, C10-C28 Diesel Range Hydrocarbons, C6-C10 Gasoline Range Hydrocarbons recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 402132-001.

The Laboratory Control Sample for C6-C10 Gasoline Range Hydrocarbons , C10-C28 Diesel Range Hydrocarbons is within laboratory Control Limits

SW8015B_NM

Batch 838307, o-Terphenyl recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 402132-001 S.

o-Terphenyl recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis

Samples affected are: 402132-001 SD,402132-001.



Certificate of Analysis Summary 402132

Page 33 of 82

Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-26091 Contact: Robert Asher Project Location: Eddy County Project Name: Laney AGJ Federal # 1
Date Received in Lab: Thu Dec-30-10 09:30 am
Report Date: 04-JAN-11
Project Manager: Brent Barron, II
Lab Id: 402132-001
Field Id: Comm 16 0 ESW

	Lab Id:	402132-001				
Analysis Requested	Field Id:	Comp-16.0 ESW	· · · · · ·			
Analysis Kequestea	Depth:	16-16 ft				
	Matrix:	SOIL				
	Sampled:	Dec-28-10 10:54		. *		
BTEX by EPA 8021	Extracted:	Dec-30-10 11:59				
	Analyzed:	Dec-30-10 13:54				
·	Units/RL:	mg/kg RL	· · · · · · · · · · · · · · · · · · ·			
Benzene		ND 0.0010	a de la			
Toluene		ND 0.0020				
Ethylbenzene		ND 0.0010				
m,p-Xylenes		ND 0.0020	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
o-Xylene		ND 0.0010	- 1 Pr []			
Xylenes, Total		ND 0.0010				
Total BTEX		ND 0.0010				
Percent Moisture	Extracted:					
	Analyzed:	Dec-30-10 11:00				
	Units/RL:	% RL				
Percent Moisture		2.56 1.00	· · · ·			4.
TPH by SW 8015B	Extracted:	Jan-03-11 12:00				
	Analyzed:	Jan-03-11 19:12		· · · ·		
	Units/RL:	mg/kg RL		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		
C6-C10 Gasoline Range Hydrocarbons	• •	ND 15.3				
C10-C28 Diesel Range Hydrocarbons		ND 15.3				
Total TPH	·	ND 15.3				

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Page 5 of 14

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.

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Brent Barron, II

Odessa Laboratory Manager

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Received by OCD: 7/31/2022 7:10:14 PM



Flagging Criteria

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- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

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U Analyte was not detected.

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RL Reporting Limit

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Received by OCD: 7/31/2022 7:10:14 PM

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	Project Manager: Robert As	her							_							_	Pro	ject	Nan	ne: <u> </u>	an	ey /	AG	J F	ede	ral	#1		
	Company Name Yates Peter	oleum Corpora	tion		<u>.</u>					·						_		Pro	ject	#: 3	0-01	5-2	6 <u>09</u>	1					
	Company Address: 105 South	4th Street								•							Р	rojec	t Lo	oc: E	ddy (Cour	nty						
	City/State/Zip: Artesia, N	M 88210					· .	: -											PO	#: 1	0563	2							
	Telephone No: 575-748-4	217					Fax No).	575	5-748-4	4662	2				- F	Report	Forr	nat:		Sta	anda	ird			TRRP		<u></u> N	PDI
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AB # (lab use only)	FIELD CODE		Beginning Depth	Ending Depth	Date Sampled		Time Sampled	field Filtered	fotal #. of Containers	lce HNO.	HCI	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃ None	Other (Specify)	•	0 5 1	418.1 8015	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K) Anions (Ci, SCM, Alkalinitud	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatites	BTEX 8021B/5030 or BTEX 8260	RGI N.O.R.M.	Chlorides		RUSH TAT (Pre-Schediule) 24
21	Comp-16.0 ESW	/	16'	16'	12/28/2010	10:	54 AM		1	x						í –	s	x	1	T	T			\square	x	1	\square		Í
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XENCO Laboratories

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ocument Title: Sample Receipt Checklist
ocument No.: SYS-SRC
evision/Date: No. 01, 5/27/2010

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

Prelogin / Nonconformance Report - Sample Log-In

Client:	lates	Petrol	Cum	
Date/Time:	12	30:10	9:30	
Lab ID # :		4021	32	
Initials:		AE	/ 	<u> </u>

Sample Receipt Checklist

1. Samples on ice?	Blue	Water	No	1
2. Shipping container in good condition?	Yes	No No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes		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		a set with
8. Chain of custody agrees with sample label(s)?	Yes	No		
9. Container labels legible and intact?	(Yes)	No		and State And
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		the second second second
11. Samples in proper container / bottle?	(Yes)	No		i madmada ta m
12. Samples property preserved?	Yes)	No.	N/A 33	S. CAMER COLLES
13. Sample container intact?	(Yes)	No		Lives Agenting
14. Sufficient sample amount for indicated test(s)?		No		and the second
15. All samples received within sufficient hold time?		No		
16. Subcontract of sample(s)?		No	(NA)	- 225 M
17. VOC sample have zero head space?		No	NA	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 N	D.	Cooler 5 No	······································
ibs 3. Coc libs oc libs	°C ibs	0	C lbs	°c

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Nonconformance	L'ACTIONE DE LA COM

Contact:	Contacted by:			_ Date/Time):		
Regarding:	· .		1. ¹ .			. *	
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Corrective Action Taken:							
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ling 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 399757

for Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal #1

30-015-26091

13-DEC-10



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



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 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 Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757), California(06244CA), 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)

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13-DEC-10

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

Reference: XENCO Report No: **399757** Laney AGJ Federal #1 Project Address: Eddy 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 399757. 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. 399757 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 399757



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-18.0 TB	S	Dec-07-10 10:43	12 - 12 ft	399757-001
Comp-16.0 NSW	S	Dec-07-10 10:48	14 - 14 ft	399757-002
Comp-16.0 ESW	S	Dec-07-10 10:52	16 - 16 ft	399757-003
Comp-16.0 SSW	S	Dec-07-10 10:58	8 - 8 ft	399757-004
Comp-16.0 WSW	S	Dec-07-10 11:04	8 - 8 ft	399757-005

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal #1



 Project ID:
 30-015-26091

 Work Order Number:
 399757

Report Date: 13-DEC-10 Date Received: 12/08/2010

Sample receipt non conformances and Comments: None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-835333 BTEX by EPA 8021 SW8021BM

Batch 835333, 1,4-Difluorobenzene recovered below QC limits Data not confirmed by reanalysis. Samples affected are: 590902-1-BLK,399757-005. QC not confirmed by re-analysis.

Batch: LBA-835357 BTEX by EPA 8021 SW8021BM

Batch 835357, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 399757-002 D,399757-003,399757-002,399757-004. 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 399757-001.

SW8021BM

Batch 835357, o-Xylene recovered below QC limits in the Blank Spike Duplicate. Samples affected are: 399757-001, -002, -003, -004.

SW8021BM

Batch 835357, o-Xylene RPD was outside laboratory control limits. Samples affected are: 399757-001, -002, -003, -004



Certificate of Analysis Summary 399757

Project Name: Laney AGJ Federal #1

Yates Petroleum Corporation, Artesia, NM

sinelao

Project Id: 30-015-26091 Contact: Robert Asher Project Location: Eddy County

Date Received in Lab: Wed Dec-08-10 10:11 am

Report Date: 13-DEC-10

Foject Location: Eddy County					Project Manager:	Brent Barron, II	
	Lab Id:	399757-001	399757-002	399757-003	399757-004	399757-005	-
Annalise Demonstrat	Field Id:	Comp-18.0 TB	Comp-16.0 NSW	Comp-16.0 ESW	Comp-16.0 SSW	Comp-16.0 WSW	
Analysis Requested	Depth:	12-12 ft	14-14 ft	16-16 ft	8-8 ft	. 8-8 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Dec-07-10 10:43	Dec-07-10 10:48	Dec-07-10 10:52	Dec-07-10 10:58	Dec-07-10 11:04	
BTEX by EPA 8021	Extracted:	Dec-08-10 16:30	Dec-08-10 16:30	Dec-08-10 16:30	Dec-08-10 16:30	Dec-08-10 14:30	
	Analyzed:	Dec-10-10 04:09	Dec-10-10 02:02	Dec-10-10 04:31	Dec-10-10 03:27	Dec-09-10 08:56	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene		ND 0.1019	ND 0.0010	ND 0.1017	ND 0.0010	ND 0.0011	
Toluene	1	5.432 0.2038	0.0224 0.0020	5.878 0.2033	ND 0.0020	ND 0.0021	
Ethylbenzene		6.869 0.1019	0.0156 0.0010	8.191 0.1017	ND 0.0010	ND 0.0011	
m,p-Xylenes		2.032 0.2038	0.1127 0.0020	2.442 0.2033	ND 0.0020	ND 0.0021	
o-Xylene		9.068 0.1019	0.0256 0.0010	11.05 0.1017	ND 0.0010	ND 0.0011	
Xylenes, Total		11.100 0.1019	0.1383 0.0010.	13.49 0.1017	ND 0.0010	ND 0.0011	
Total BTEX		23.401 0.1019	0.1763 0.0010	27.56 0.1017	ND 0.0010	ND 0.0011	
Percent Moisture	Extracted:						
	Analyzed:	Dec-09-10 08:30	Dec-09-10 08:30	Dec-09-10 08:30	Dec-09-10 08:30	Dec-09-10 08:30	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture	· · ·	2.24 1.00	2.73 1.00	1.83 1.00	ND 1.00	5.57 1.00	- <u></u>
TPH by SW 8015B	Extracted:	Dec-08-10 13:00	Dec-08-10 13:00	Dec-08-10 13:00	Dec-08-10 13:00	Dec-08-10 13:00	
	Analyzed:	Dec-09-10 10:42	Dec-09-10 11:12	Dec-09-10 11:40	Dec-09-10 12:08	Dec-09-10 12:36	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons		1690 15.3	ND 15.4	3040 15.2	ND 15.1	ND 15.8	·
C10-C28 Diesel Range Hydrocarbons		2350 15.3	ND 15.4	4560 15.2	ND 15.1	ND 15.8	· · · · · · · · · · · · · · · · · · ·
Total TPH		4040 15.3	ND 15.4	7600 15.2	ND 15.1	ND 15.8	

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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.

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Brent Barron, II

Odessa Laboratory Manager

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- 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

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* Outside XENCO's scope of NELAC Accreditation.

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	Project Manager:	Robert Asher														. .	Pr	oject	Nan	1e: [an	ey .	AG	J F	ede	ral	#1			
	Company Name	Yates Petroleum Corpora	tion					•	÷ .	:						-		· Pr	oject	#: 3	0-0	15-2	609	1						
	Company Address:	105 South 4th Street															F	roje	ct Lo	c: E	ddy	Cour	ntv							
	City/State/Zip:	Artesia, NM 88210						:								• ,				#: 1										
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AB # (lab use only)	FIEL	.D CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	field Fittered	fotal #. of Containers	lce	HNO3	ЧĊ	H ₂ SO,	NaOH Na-S-O-	None	Other (Specify)		GV = Groundwater S=Sol/Solid NP=Non-Potable Specify Other	418.1 B015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Serrivolatiles	BTEX 80218/5030 or BTEX 8260	RCI NORM	N.U.K.M. Chlorides	600.00		RUSH TAT (Pre-Schedule) 24
	Com	p-18.0 TB	12'	12'	12/7/2010	10:43 AM			х								<u>s</u>	x						I I	x		T		\Box	
	Comp	16.0 NSW	14'	14'	12/7/2010	10:48 AM			х						L_		<u>s</u>	x	_	_		Ļ			x		\perp			
		-16.0 ESW	16'	16'	12/7/2010	10:52 AM	ļ		х			-		_			<u>s</u>	X	_		+				X			+	┝╌┨	
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	Comp-	16.0 WSW	8'	8'	12/7/2010	11:04 AM	ŀ	1	<u>^</u>	\vdash		\vdash	+-	+	┢		s	X	+	+	+	+	\vdash	ŀł	×	┿	+	╋	\vdash	
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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	
Date/Time: 12-8-10 10:11	^
Lab ID #: 399757	
Initials: XIM	

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?	Yes	No		
6. Any missing / extra samples?	Yes	No		ng ng ng ng sa
7. Chain of custody signed when relinquished / received?	(Yes)	No		· · · · · · · · · · · · · · · · · · ·
8. Chain of custody agrees with sample label(s)?	(Yes)	No		1997 - J
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	en la servición Recordence de la servición
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 N	0.	Cooler 5 No	· · ·
lbs 3.5 °C lbs °C lbs °C	lbs	°c) ibs	°C

Nonconformance Documentation

Contacted by:	Date/Time:
n:	
□ Cooling process has begun shortly after samplin condition acceptable by NELAC 5.5.8.3.1.a.	.1.
	n:

□ Client understands and would like to proceed with analysis

Section 11, T18S-R24E

Eddy County, NM

Xenco Report #: 396759 Report Date: 11/15/2010

Prepared by Robert Asher Environmental Regulatory Agent

PETRO

JM

Analytical Report 396759

for Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal # 1

30-015-26091

15-NOV-10



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 (AAL11), 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), California(06244CA), 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)

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15-NOV-10

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

Reference: XENCO Report No: **396759** Laney AGJ Federal # 1 Project Address: Eddy 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 396759. 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. 396759 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 396759



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-12.0 TB	S	Nov-08-10 14:18	12 - 12 ft	396759-001
Comp-14.0 TB	S	Nov-08-10 14:23	14 - 14 ft	396759-002
Comp-16.0 TB	S .	Nov-08-10 14:27	16 - 16 ft	396759-003
Comp-8X2 NSW	S	Nov-08-10 14:31	8 - 8 ft	396759-004
Comp-8X4 NSW	S	Nov-08-10 14:34	8 - 8 ft	396759-005

Received by OCD: 7/31/2022 7:10:14 PM

CASE NARRATIVE

Page 49 of 82



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal # 1



 Project ID:
 30-015-26091

 Work Order Number:
 396759

Report Date: 15-NOV-10 Date Received: 11/10/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-831605 TPH by SW 8015B SW8015B NM

Batch 831605, 1-Chlorooctane recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 396759-003,396759-001.

Batch: LBA-831762 BTEX by EPA 8021 SW8021BM

Batch 831762, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike. Samples affected are: 396759-005, -004. The Laboratory Control Sample for Toluene, m,p-Xylenes, Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-831952 BTEX by EPA 8021 SW8021BM

Batch 831952, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 396759-001,396759-003,396759-002.

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Benzene

Toluene

o-Xvlene

Total TPH

Certificate of Analysis Summary 396759

Yates Petroleum Corporation, Artesia, NM

Project Name: Laney AGJ Federal #1



Project Id: 30-015-26091 Contact: Robert Asher Project Location: Eddy County

Date Received in Lab: Wed Nov-10-10 11:00 am Report Date: 15-NOV-10

Project Manager: Brent Barron, II 396759-004 396759-005 Lab Id: 396759-001 396759-002 396759-003 Comp-8X4 NSW Field Id: Comp-12.0 TB Comp-14.0 TB Comp-16.0 TB Comp-8X2 NSW Analysis Requested 8-8 ft 8-8 ft Depth: 12-12 ft 14-14 ft 16-16 ft SOIL SOIL SOIL SOIL Matrix: SOIL Nov-08-10 14:31 Nov-08-10 14:34 Sampled: Nov-08-10 14:18 Nov-08-10 14:23 Nov-08-10 14:27 BTEX by EPA 8021 Extracted: Nov-12-10 11:22 Nov-12-10 11:22 Nov-12-10 11:22 Nov-11-10 12:46 Nov-11-10 12:46 Analyzed: Nov-12-10 16:56 Nov-12-10 17:17 Nov-12-10 17:38 Nov-11-10 17:33 Nov-11-10 17:54 RL mg/kg RL mg/kg RL Units/RL: mg/kg RL mg/kg RL mg/kg ND 0.0011 ND 11.03 ND 10.99 ND 10.74 ND 0.0011 164.2 21.97 182.1 21.47 ND 0,0021 ND 0.0022 22.06 206.1 Ethylbenzene 54,48 ND 0.0011 11.03 67.79 10.99 61.52 10.74 ND 0.0011 m,p-Xylenes 420.5 22.06 536.8 21.97 433.0 21.47 ND 0.0021 ND 0.0022 81.72 10.99 85.57 10.74 ND 0.0011 ND 0.0011 11.03 109.8 Xylencs, Total 502.2 10.99 10.74 ND 0.0011 ND 0.0011 11.03 646.6 518.6 Total BTEX ND 0.0011 720.9 11.03 10.99 762.2 10.74 ND 0.0011 920.5 **Percent Moisture** Extracted: Nov-11-10 11:19 Nov-11-10 11:19 Analvzed: Nov-11-10 11:07 Nov-11-10 11:07 Nov-11-10 11:07 Units/RL. % RL % RL % RL % RL % RL Percent Moisture 9.33 ·7.78 1.00 7.13 1.00 7.24 1.00 1.00 8.98 1.00 **TPH by SW 8015B** Nov-10-10 16:00 Nov-10-10 16:00 Nov-10-10 16:00 Nov-10-10 16:00 Nov-10-10 16:00 Extracted: Analyzed: Nov-11-10 12:08 Nov-11-10 12:38 Nov-11-10 14:33 Nov-11-10 11:11 Nov-11-10 11:40 Units/RL. mg/kg mg/kg RL mg/kg RL mg/kg RL mg/kg RL RL C6-C10 Gasoline Range Hydrocarbons 11400 82.8 16800 165 12000 81.7 ND 16.2 ND 16.1 C10-C28 Diesel Range Hydrocarbons 2270 82.8 1970 81.7 16.2 ND 3080 165 ND 16.1 ND 13670 82.8 165 81.7 ND 16.2 16.1 19880 13970

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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 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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Brent Barron, II

Odessa Laboratory Manager

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Page 5 of 18

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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.

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(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
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XENCO-Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 12600 West I-20 East Phone: 432-563-1800 Odessa, Texas 79765 Fax: 432-563-1713 Project Manager: Project Name: Laney AGJ Federal #1 Robert Asher Company Name Yates Petroleum Corporation Project #: 30-015-26091 Company Address: 105 South 4th Street Project Loc: Eddy County PO #: 105632 City/State/Zip: Artesia, NM 88210 Report Format: X Standard **NPDES** Telephone No: Fax No: 575-748-4662 575-748-4217 Sampler Signature: boba@yatespetroleum.com e-mail: Analyze For: TCLP: RUSH TAT (Pre-Schedule) 24, 48, 72 hrs TOTAL 396759 Preservation & # of Containers Matrix 3260 Cd Cr Pb Hg Se 1006 BTEX ž Na, K) **B015M** ъ eginning Depth Sampled Depth Date Sampled As Ag Ba Мg TX 1005 TAT ns (Ca, 021 Standard õ inding l N.O.R.M. eld Filter Na₂S₂O₃ Chloride Time H₂SO NaOH RTEX Ś Vone Ŷ õ 8 FIELD CODE 12' 12' 11/8/2010 2:18 PM Х s Х X Comp-12.0 TB Comp-14.0 TB 14' 11/8/2010 2:23 PM х S X Х 14' Х Comp-16.0 TB 16' 16' 11/8/2010 2:27 PM 1 X s Х X х s Comp-8X2 NSW 8' 8' 11/8/2010 2:31 PM 1 х s 8' 2:34 PM Comp-8X4 NSW 8' 11/8/2010 1 X Special Instructions: TOH- 80158 & RTEY- 80218 Please show Al L results as ma/ka Laboratory Comments: Thank you Ŷ Ν NÆ N

apecial instructions.		1 EA: 004 1	D. Please show ALL results as mu	/kg. mank you.		Laboratory comments.
					· · .	Sample Containers Intact?
· · · · · · · · · · · · · · · · · · ·					1	VOCs Free of Headspace?
Relinquished by:	Date	Time	Received by:	· · · ·	Date Tim	
here Kentlinge	11/09/10	3:11 PM			(·	Custody seals on container(s) Custody seals on cooler(s)
Relinquished by:	Date	Time	Received by:		Date Tim	
Kemidularied by.	Build	THIS	Incesived by	· · ·		by Sampler/Client Rep. ?
						by Courier? UPS DI
Relinquished by:	Date	Time	Received by ELOT:	_ ···	Date Tim	Temperature Upon Receipt:
			Xim Mundock		11-10-10 11:0	O Temperature opon Receipt

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XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas

Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa_____

Document Title:	Sample Receipt	Checklist	
Document No.: S	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: 11-10-10 11.00	
Lab ID #: 396759	
Initials: $\chi[V]$	

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?	(Nes)	No		
5. Sample instructions complete on chain of custody?	Yes,	No		· · · · · ·
6. Any missing / extra samples?	Yes	(No))		د. بيدينه ۲۰۰ منځو
7. Chain of custody signed when relinquished / received?	Yes	No		
8. Chain of custody agrees with sample label(s)?	Yes	No		a Di Ang
9. Container labels legible and intact?	Yes	No	·	
10. Sample matrix / properties agree with chain of custody?	Yes	No -		er er fresta d
11. Samples in proper container / bottle?	Tes	No	4	
12. Samples properly preserved?	(Yes)	No	N/A	a trà ates
13. Sample container intact?	Yes	No	:	ere parte i
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	(NA)	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 N	0.	Cooler 5 No	tanya 140
Ibs Fill °C ibs °C ibs °C	lbs	°c	lbs	. °C

Nonconformance Documentation

Contact:	Contacted by:	Date/Time:	
Regarding:	· · · · · · · · · · · · · · · · · · ·		
		· · · · · · · · · · · · · · · · · · ·	
Corrective Action Taken:		 ·	
·			<u> </u>
		1	
		 · · ·	
Check all that apply:	Cooling process has begun short condition acceptable by NEL	out of temperature	

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

Analytical Report 392024

for Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal #1

30-015-26091

05-OCT-10



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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)

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05-OCT-10

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

Reference: XENCO Report No: **392024** Laney AGJ Federal #1 Project Address: Eddy 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 392024. 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. 392024 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,

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Odessa Laboratory Manager

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Sample Cross Reference 392024



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-10.0 TB	S	Sep-29-10 13:49	10 - 10 ft	392024-001
Comp-08.0 NSW	S	Sep-29-10 14:03	8 - 8 ft	392024-002
Comp-08.0 ESW	Ś	Sep-29-10 14:18	8 - 8 ft	392024-003
Comp-08.0 SSW	S	Sep-29-10 14:31	8 - 8 ft	392024-004
Comp-08.0 WSW	. S .	Sep-29-10 14:43	8 - 8 ft	392024-005

Page 3 of 19

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal #1



Project ID: 30-015-26091 Work Order Number: 392024 Report Date: 05-OCT-10 Date Received: 10/01/2010

Sample receipt non conformances and Comments: None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-825786 BTEX by EPA 8021B SW8021BM

Batch 825786, 4-Bromofluorobenzene recovered above QC limits Sample Data confirmed by reanalysis. Samples affected are: 574992-1-BKS,574992-1-BLK,574992-1-BSD,392024-003 S,392024-003 SD,392024-003. Surrogate Failures in QC were not reanalyzed.

Batch: LBA-825796 BTEX by EPA 8021B SW8021BM

Batch 825796, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; QC data not confirmed by re-analysis Samples affected are: 392068-001 S,392068-001 SD.

Batch: LBA-825799 TPH By SW8015B Mod SW8015B NM

Batch 825799, 1-Chlorooctane recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis Samples affected are: 392024-002. o-Terphenyl was within QC limits for this sample.

Batch: LBA-825962 BTEX by EPA 8021B SW8021BM

Batch 825962, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 392024-002.1,4-Difluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 392024-001. 4-Bromofluorobenzene recovered above QC limits Data confirmed by re-analysis. Samples affected are: 575112-1-BLK,575112-1-BSD,392024-001,392024-005.



Certificate of Analysis Summary 392024

Yates Petroleum Corporation, Artesia, NM

Project Name: Laney AGJ Federal #1



Project Id: 30-015-26091 Contact: Robert Asher Project Location: Eddy County

Date Received in Lab: Fri Oct-01-10 09:45 am

Report Date: 05-OCT-10

roject Location: Eddy County				•	•		
ojee Doeanom Daag County			<u> </u>	11 - A	Project Manager:	Brent Barron, II	
	Lab Id:	392024-001	392024-002	392024-003	392024-004	392024-005	
	Field Id:	Comp-10.0 TB	Comp-08.0 NSW	Comp-08.0 ESW	Comp-08.0 SSW	Comp-08.0 WSW	
Analysis Requested	Depth:	10-10 ft	8-8 ft	8-8 ft	8-8 ft	8-8 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Sep-29-10 13:49	Sep-29-10 14:03	Sep-29-10 14:18	Sep-29-10 14:31	Sep-29-10 14:43	
BTEX by EPA 8021B	Extracted:	Oct-04-10 13:00	Oct-04-10 13:00	Oct-03-10 14:00	Oct-01-10 17:00	Oct-04-10 13:00	
	Analyzed:	Oct-04-10 20:13	Oct-04-10 21:45	Oct-03-10 17:08	Oct-02-10 05:40	Oct-04-10 17:05	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene		2.717 0.5780	1.705 0.5554	ND 0.0011	0.0012 0.0011	ND 0.0055	
Toluene		85.33 1.156	77.10 1.111	ND 0.0022	0.0090 0.0021	ND 0.0110	
Ethylbenzene		37.38 0.5780	30.59 0.5554	ND 0.0011	0.0029 0.0011	ND 0.0055	
m,p-Xylenes		229.8 1.156	221.1 1.111	0.0028 0.0022	0.0156 0.0021	ND 0.0110	
o-Xylene		69.65 0.5780	64.70 0.5554	0.0012 0.0011	0.0044 0.0011	ND 0.0055	
Total Xylenes		299.5 0.5780	285.8 0.5554	0.0040 0.0011	0.0200 0.0011	ND 0.0055	
Total BTEX		424.9 0.5780	395.2 0.5554	0.0040 0.0011	0.0331 0.0011	ND 0.0055	
Percent Moisture	Extracted:			······			
	Analyzed:	Oct-01-10 17:00	Oct-01-10 17:00	Oct-01-10 17:00	Oct-01-10 17:00	Oct-01-10 17:00	
	Units/RL:	- % RL	% RL	% RL	% RL	% RL	
Percent Moisture		13.5 1.00	9.97 1.00	7.35 1.00	6.26 1.00	8.74 1.00	
TPH By SW8015B Mod	Extracted:	Oct-01-10 12:30	Oct-01-10 12:30	Oct-01-10 12:30	Oct-01-10 12:30	Oct-01-10 12:30	
	Analyzed:	Oct-01-10 16:27	Oct-01-10 16:58	Oct-01-10 17:29	Oct-01-10 17:59	Oct-01-10 18:29	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons		5920 86.5	6420 83.2	ND 16.3	ND 16.0	ND 16.4	
C10-C28 Diesel Range Hydrocarbons		1540 86.5	1800 83.2	ND 16.3	ND 16.0	ND 16.4	
Total TPH		7460 86.5	8220 83.2	ND 16.3	ND 16.0	ND 16.4	

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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.

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Brent Barron, II

Odessa Laboratory Manager

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Page 5 of 19

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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.

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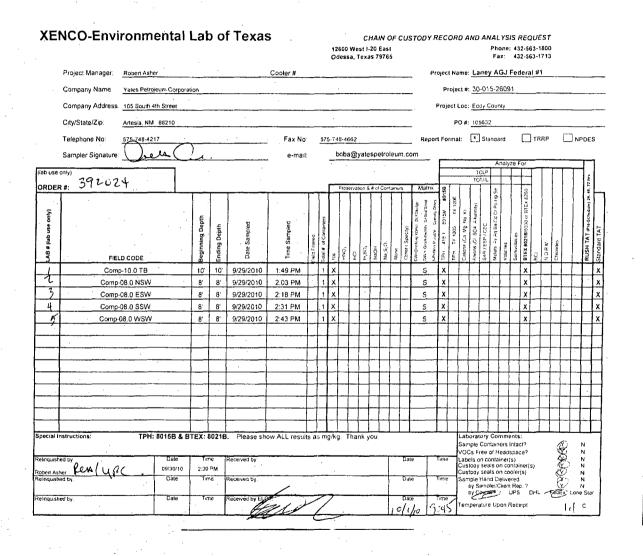
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XENCO Laboratories Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist Document No.: SYS-SRC Revision/Date: No. 01, 5/27/2010 Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client 4	tis	· •	
Date/Time:	10/11.0	9:45an	
Lab ID # :	30.70	24	
Initials.	MS.		

Sample Receipt Checklist

18. Cooler 1 No. Cooler 2 No. Cooler 3 No. ibs 1 °C ibs °C ibs	°C Ibe	T	Cooler 5 No. Ibs	<u> </u>
17. VOC sample have zero head space?		No	N/A	
16. Subcontract of sample(s)?	Yes	No	N/A	
15. All samples received within sufficient hold time?	Ges	No		
14. Sufficient sample amount for indicated test(s)?	(Ces	No		
13. Sample container intact?	(Yes)	No		
12. Samples property preserved?	Yes	No	N/A	
11. Samples in proper container / bottle?	(Tes)	^d No	· .	
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		
9. Container labels legible and intact?	(Yes)	No		
8. Chain of custody agrees with sample label(s)?	(Tes)	No		
7. Chain of custody signed when relinquished / received?	Yes	No		
6. Any missing / extra samples?	Yes	No		
5. Sample instructions complete on chain of custody?	(Yes)	No		
1. Chain of Custody present?	(Yes)	No		
3. Custody seals intact on shipping container (cooler) and bottles?	(Tes)	No	N/A	
2. Shipping container in good condition?	(Yes)	No	None	
I. Samples on ice?	Blue	Water	No	

Nonconformance Documentation

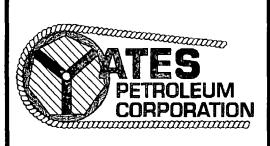
Contact:	Contacted by:	Date/Time:
Regarding:		
Corrective Action Taken:		
	· · ·	

Check all that apply: Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.58.3.1.a.1. Unitial and Backup Temperature confirm out of temperature conditions Client understands and would like to proceed with analysis

Ņ

	Well Head								
					-				
Battery		Tank Outline	X X X)					
							Lease Roa	ıd	
Analytical Report- 376799 & 376805	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-002 B/E	Battery Edge	6/10/2010	Comp/Backhoe	2' BSL	539.0	4230	306	4536	229
Comp-004 B/E	Battery Edge	6/10/2010	Comp/Backhoe	4' BSL	695.4	16700	1470	18170	452
Comp-002 T/B	Tank Bottom	6/10/2010	Grab/Backhoe	2' BSL	127.9	1700	187	1887	2740
Comp=004 17/B	Tank Bottom	6/10/2010	Grab/Backhoe	4' BSL	518.7	5360	330	5690	235
Comp-006 T/B	Tank Bottom	6/10/2010	Grab/Backhoe	6' BSL	359.6	3260	189	3449	11.2
Comp=003 173	Tank Bottom	6/10/2010	Grab/Backhoe	8' BSL	541.4	15900	1220	17120	7.78
Site Ranking is Zero All results are ppm.	• •					-	-		

Released: 128 B/O & 5 B/PW; Recovered: 0 B/O & 0 B/PW. Release Date: 5/19/2010



Laney AGJ Federal. #1

30-015-26091

Section 11, T18S-R24E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 376799 & 376805 Report Date: 6/17/2010

Prepared by Robert Asher Environmental Regulatory Agent

Analytical Report 376805

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal #1 30-015-26091

17-JUN-10





12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-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)
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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: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

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17-JUN-10

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

Reference: XENCO Report No: 376805 Laney AGJ Federal #1 Project Address: Lea County, NM

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 376805. 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. 376805 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 376805



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-002B/E	S	Jun-10-10 10:02	2' - 2' ft	376805-001
Comp-004B/E	S	Jun-10-10 10:07	4' - 4' ft	376805-002
Comp-002T/B	S	Jun-10-10 10:15	2' - 2' ft	376805-003
Comp-004T/B	S	Jun-10-10 10:18	4' - 4' ft	376805-004
Comp-006T/B	S	Jun-10-10 10:21	6' - 6' ft	376805-005
Comp-008T/B	S	Jun-10-10 10:25	8' - 8' ft	376805-006
				· · ·

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal #1



 Project ID:
 30-015-26091

 Work Order Number:
 376805

Report Date: 17-JUN-10 Date Received: 06/11/2010

Sample receipt non conformances and Comments: None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-810369 Percent Moisture None

Batch: LBA-810903 Inorganic Anions by EPA 300 None



Certificate of Analysis Summary 376805 Yates Petroleum Corporation, Artesia, NM

Project Name: Laney AGJ Federal #1



Project Id: 30-015-26091 Contact: Robert Asher Project Location: Lea County, NM

Date Received in Lab: Fri Jun-11-10 01:43 pm

Report Date: 17-JUN-10

								Project Ma	nager:	Brent Barron,	II		
	Lab Id:	376805-0	001	376805-0	02	376805-0	03	376805-0	04	376805-0	05	376805-0	006
Analysis Requested	Field Id:	Comp-002	2B/E	Comp-004	B/E	Comp-002	T/B	Comp-004	T/B	Comp-006	T/B	Comp-008	T/B
	Depth:	2'-2' ft	t	'∵ 4'-4' ft		2'-2' ft		.4'-4' ft		6'-6' ft		8'-8' ft	
	Matrix:	SOIL		SOIL	· .	SOIL	· · ·	SOIL		SOIL		SOIL	
	Sampled:	Jun-10-10	Jun-10-10 10:02		0:07	Jun-10-10 10:15		Jun-10-10 1	0:18	Jun-10-10 1	0:21	Jun-10-10 1	0:25
Anions in Soil By EPA 300.0	Extracted:		Jun-16-10 08:46							Jun-16-10 08:46			
	Analyzed:	Jun-16-10			10 08:46 Jun-16-10 08:46		Jun-16-10 08:46		Jun-16-10 08:46			Jun-16-10 08:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	ing/kg	RL
Chloride		229	9.89	452	9.58	2740	50.7	235	10.1	11.2	4.88	7.78	4.72
Percent Moisture	Extracted:												
	Analyzed:	Jun-12-10	Jun-12-10 09:20		9:20	Jun-12-10 0	9:20	Jun-12-10 (9:20	Jun-12-10 (09:20	Jun-12-10 0	9:20
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL.
Percent Moisture		15.1	1.00	12.3	1.00	17.2	1.00	· 17.1	1.00	14.0	1.00	. 11.1	1.00

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Brent Barron, II

Odessa Laboratory Manager

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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.
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RL Reporting Limit

MDL Method Detection Limit

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	Project Manager: Robert Ash	ier				Cooler #		*							. 1	Projec	t Nar	ne: <u> </u>	ane	y A	GJ F	eder	al #	1			
	Company Name Yates Petro	oleum Corpora	tion		· .											P	ojec	<u>:</u> #: <u>ا</u>	30-01	5-2	5091						
	Company Address: 105 South	4th Street			•		•	Ì								Proj	ect L	oc: <u>E</u>	iddy (Cour	ty						
	City/State/Zip: Artesia, NN							l									PC)#:1	0563	2							
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AB # (lab use only)	FIELD CODE		Jeginning Depth	Ending Depth	Date Sampled	Time Sampled	ield Filtered	otal #. of Contisinens	kæ HND,	HCI -	H _s o,	NaOH Na S-D-	None	Other (Specify)	W=Drinking Water SL=Skudge SW = Groundwater S=So⊌'Solid	4P=Non-Potable Specify Other [PH: 418.1 8015M 8	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles RTFY 80718/5030 or RTFX 8260	RCI	N.O.R.M.	Chlorides		RUSH TAT (Pre-Schedule) 24. 48. 72 hrs
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003	Comp-002T/B		2'	2'	6/10/2010	10:15 AM		1	x						S	X			1	ļ		<u> </u>	<u>(</u>		x		
<u>004</u>	Comp-004T/B		4'	4'	6/10/2010	10:18 AM		1		 	++			$\left \right $	S	<u> </u>		_				 >		┝	×	\downarrow	+-
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006	Comp-008T/B		8'	8'	6/10/2010	10:25 AM	$\left - \right $	1	<u>×</u>	\vdash	╉┼┼	┿	+-	┼╌╂	<u> </u>			_+-	╋	\vdash		_ ×	-	$\left \right $	<u>×</u>		╉
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XENCO Laboratories

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Houston, Miami, Odessa, Philadelphia

Phoenix, San Antonio, Tampa

Document Title: Sample Re	ceipt Checklist
Document No.: SYS-SRC	
Revision/Date: No. 01, 5/27	7/2010
Effective Date: 6/1/2010	Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client:	Yates Petro Icum	
Date/Time:	6.11.10 9:45	
Lab ID # :	376799 / 376805	
Initials:	AL	

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?	(Fes	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?	Tes	No		1. 1
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?	Xée	No		sel e entre
11. Samples in proper container / bottle?	Tes	No		general de la com
12. Samples properly preserved?	Yes	No	N/A	
13. Sample container intact?	Yes	No		
14. Sufficient sample amount for indicated test(s)?	Yes	No	5 (1) (1)	
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 No	•	Cooler 5 No	•
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Nonconformance Documentation

Contact:	Contacted by:	Date/Time:	· · · · · · · · · · · · · · · · · · ·
Regarding:			
Corrective Action Taken:	·		
			· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	······································
Check all that apply: □Cod	oling process has begun shortly after samp	ling event and out of temperat	ure

condition acceptable by NELAC 5.5.8.3.1.a.1.

Initial and Backup Temperature confirm out of temperature conditions

 \Box Client understands and would like to proceed with analysis

Released to Imaging: 2/27/2023 11:21:49 AM

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Laney AGJ Federal #1

30-015-26091

17-JUN-10





12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-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: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

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Received by OCD. 7/31/2022 7:10:14 PM



17-JUN-10

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

Reference: XENCO Report No: **376799** Laney AGJ Federal #1 Project Address: Lea County, NM

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 376799. 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. 376799 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 376799



Yates Petroleum Corporation, Artesia, NM

Laney AGJ Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-002B/E	S	Jun-10-10 10:02	2' - 2' ft	376799-001
Comp-004B/E	S	Jun-10-10 10:07	4' - 4' ft	376799-002
Comp-002T/B	S	Jun-10-10 10:15	2' - 2' ft	376799-003
Comp-004T/B	S	Jun-10-10 10:18	4' - 4' ft	376799-004
Comp-006T/B	S	Jun-10-10 10:21	6' - 6' ft	376799-005
Comp-008T/B	S	Jun-10-10 10:25	8' - 8' ft	376799-006

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal #1



 Project ID:
 30-015-26091

 Work Order Number:
 376799

Report Date: 17-JUN-10 Date Received: 06/11/2010

Sample receipt non conformances and Comments: None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-810369 Percent Moisture None

Batch: LBA-810858 BTEX by EPA 8021 SW8021BM

Batch 810858, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 376799-001,376799-003,376799-002.

SW8021BM

Batch 810858, Benzene, Ethylbenzene, Toluene, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 376799-002, -003, -001. The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-810931 TPH by SW 8015B SW8015B NM

Batch 810931, 1-Chlorooctane, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 376799-006,376799-002.

SW8015B NM

Batch 810931, C10-C28 Diesel Range Hydrocarbons, C6-C10 Gasoline Range Hydrocarbons recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 376799-004, -002, -005, -006, -003, -001.

The Laboratory Control Sample for C6-C10 Gasoline Range Hydrocarbons , C10-C28 Diesel Range Hydrocarbons is within laboratory Control Limits

Final Ver. 1.000

Received by OCD: 7/31/2022 7:10:14 PM

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Laney AGJ Federal #1



 Project ID:
 30-015-26091

 Work Order Number:
 376799

Report Date: 17-JUN-10 Date Received: 06/11/2010

Batch: LBA-810935 BTEX by EPA 8021 SW8021BM

Batch 810935, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 376799-006. 4-Bromofluorobenzene recovered below QC limits Data not confirmed by re-analysis. Samples affected are: 565901-1-BLK.



Certificate of Analysis Summary 376799 Yates Petroleum Corporation, Artesia, NM

Project Name: Laney AGJ Federal #1



Project Id: 30-015-26091 Contact: Robert Asher Project Location: Lea County, NM

Date Received in Lab: Fri Jun-11-10 09:45 am

Report Date: 17-JUN-10

roject Location: Lea County, NM				1. A.				• · ·					
					· · ·	·		Project Ma	nager:	Brent Barron	<u> II </u>		
	Lab Id:	376799-	001	376799-	002	376799-0	003	376799-	004	376799-	005	376799-0	006
Anglusis Deguarted	Field Id:	Comp-002	2B/E	Comp-004	4B/E	Comp-002	2T/B	Comp-004	4 T/B	Comp-000	6T/B	Comp-008	T/B
Analysis Requested	Depth:	2'-2' f	t .	4'-4' f	t,	2'-2' fi	t	4'-4' f	ì	6'-6' f	t	8'-8' ft	
	Matrix:	SOIL		SOIL	, [,] ,	SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jun-10-10	10:02	Jun-10-10	10:07	Jun-10-10	10:15	Jun-10-10	10:18	Jun-10-10	10:21	Jun-10-10 1	0:25
BTEX by EPA 8021	Extracted:	Jun-15-10	14:00	Jun-15-10 14:00		Jun-15-10	14:00	Jun-16-10	08:30	Jun-16-10	08:30	Jun-16-10 0)8:30
	Analyzed:	Jun-15-10	19:41	Jun-15-10	20:48	Jun-15-10	21:55	Jun-16-10	18:37	Jun-16-10	20:06	Jun-16-10 2	21:13
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene	· · · · ·	8.764	5.843	9.935	5.645	1.981	1.208	34.98	30.16	ND	11.63	ND	11.24
Toluene		76.13	11.69	128.3	11.29	7.621	2.415	154.1	60.31	99.30	23.26	140.0	22.47
Ethylbenzene		58.78	5.843	69.49	5.645	7.186	1.208	ND	30.16	40.12	11.63	47.64	11.24
m,p-Xylenes		323.3	11.69	397.5	11.29	87.10	2.415	259.7	60.31	183.7	23.26	292.6	22.47
o-Xylene		71.98	5.843	90.20	5.645	24.01	1.208	. 69.96	30.16	36.51	11.63	61.12	11.24
Xylenes, Total		395.3	5.843	487.7	5.645	111.11	1.208	329.7	30.16	220.2	11.63	353.7	11.24
Total BTEX		539.0	5.843	695.4	5.645	127.90	1.208	518.7	30.16	359.6	11.63	541.4	11.24
Percent Moisture	Extracted:					-							
	Analyzed:	Jun-12-10	09:20	Jun-12-10	09:20	Jun-12-10 (09:20	Jun-12-10	09:20	Jun-12-10	09:20	Jun-12-10 0	9:20
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		15.1	1.00	12.3	1.00	17.2	1.00	17.1	1.00	14.0	1.00	11.1	. 1.00
TPH by SW 8015B	Extracted:	Jun-12-10	09:30	Jun-12-10	09:30	Jun-12-10 (09:30	Jun-12-10	09:30	Jun-12-10	09:30	Jun-12-10 0	9:30
	Analyzed:	Jun-15-10	18:43	Jun-16-10	14:15	Jun-15-10	19:37	Jun-15-10	20:04	Jun-15-10	20:32	Jun-16-10 1	4:42
	Units/RL:	' mg/kg	RL [°]	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C10 Gasoline Range Hydrocarbons	1. f	4230	17.6	16700	85.3	1700	18.0	5360	18.2	3260	87.6	15900	84.1
C10-C28 Diesel Range Hydrocarbons		306	17.6	1470	85.3	187	18.0	330	18.2	189	87.6	1220	84.1
Total TPH		. 4536	17.6	18170	85.3	1887	18.0	5690	18.2	3449	87.6	17120	84.1

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and 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

Final Ver. 1.000

- 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.

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

Final Ver. 1.000

Page 78 of 82

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	Company Name Yates Petroleum Corpor	ation	:			. .					÷					•	P	roje	:t #:	30	-015	5-26	091							
	Company Address: 105 South 4th Street									-					_		Proi	ect I	.oc:	Edd	dv C	ounty	,							
	City/State/Zip: Artesia, NM 88210						i				•				_		,		D #:											
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Client:	Yales Petro Icum
Date/Time:	6.11.10 9:45
Lab.ID # :	376799 / 376805
Initiale	A1

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

ient:	19165 PETRO ICUM	
te/Time:	6.11.10 9:45	_
b.ID#:	376799 / 376805	_
itials:	AL	-

XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi. Dallas

Houston, Miami, Odessa, Philadelphia

Phoenix, San Antonio, Tampa

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?	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	t starter	
10. Sample matrix / properties agree with chain of custody?	Xes	No	4 1	
11. Samples in proper container / bottle?	Tes	No		
12. Samples properly preserved?	Yes	No	N/A 🖂	
13. Sample container intact?	Yes	No		and the second
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	NA	
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	
	°C lbs	°0) ibs	°(

Nonconformance Documentation

· · · ·
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

Released to Imaging: 2/27/2023 11:21:49 AM

Bratcher, Mike, EMNRD

From:Bratcher, Mike, EMNRDSent:Thursday, January 20, 2011 4:36 PMTo:'Bob Asher'Cc:Jerry FanningSubject:RE: Closure Request (Laney AGJ Federal Com. #1)

Bob,

Based on the analytical data presented, this site is approved to backfill. Closure documents will be imaged to <u>2RP-534</u>, but will not be available for review until after 1/25/2011.

If you have any questions or concerns, please contact me.

Sincerely,

MIKE BRATCHER

NMOCD District 2 1301 W. Grand Ave. Artesia, NM 88210 575-748-1283 Ext.108 575-626-0857 mike.bratcher@state.nm.us

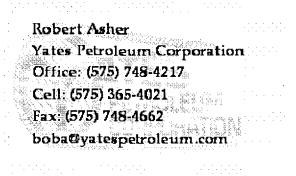
From: Bob Asher [mailto:BobA@yatespetroleum.com]
Sent: Thursday, January 20, 2011 3:28 PM
To: Bratcher, Mike, EMNRD
Cc: Jerry Fanning
Subject: Closure Request (Laney AGJ Federal Com. #1)

Mike,

I submitted a C-141 Final Report, analyticals and sample diagrams to your office today, I would like to request permission for Yates to begin backfilling the excavation after you have reviewed the submitted documents.

If you have any questions, please contact me.

Thank you.



Received by OCD: 7/31/2022 7:10:14 PM District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Page 81 of 82 Form C-141 Revised October 10, 2003 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form
Re	lease Notification and Corrective Action	

			Rele	ase Notific	atio	n and Co	rrective A	ction				
				OI	PERA	TOR			Initial	Report	🖂 Final	Report
Name of Co Yates Petro		ooration		OGRID Nun 25575		Contact Robert Ashe						
Address 104 S. 4 TH S	Street					Telephone N 575-748-14						
Facility Nat Laney AGJ		om. #1		API Number 30-015-2609		Facility Typ Battery	e	•		· ·		
Surface Ow Fee	mer			Mineral C Federal)wner				ease N IM-184			
				LOCA	TIO	N OF REI	EASE		·.,			
Unit Letter K	Section 11	Township 18S	Range 24E	Feet from the 1980	North	/South Line South	Feet from the 1980	East/West West		County Eddy	· .	
	.1	4. <u></u>	 	Latitude 32.	74642	_ Longitude	104.54369	·		· · ·		
				NAT	URE	OF REL	EASE		•			
Type of Rele Oil & Produ	ced Water	· · ·		· · · · · · · · · · · · · · · · · · ·		Volume of 128 B/O &	5 B/PW	(0 I	3/0 & (Recovered 0 B/PW		
Source of Re Production ta	ank	·				5/19/2010,		5/	9/2010	Hour of D), AM	iscovery	
Was Immedi	ate Notice		Yes] No 🗌 Not Re	equired	If YES, To Mike Brate	Whom? her/NMOCD Ar		lat, s			
By Whom? Robert Ashe	r/YPC Envi	ironmental				Date and H 5/19/2010,	lour PM (voicemail &	k e-mail)	****		· :	
Was a Water	course Rea] Yes 🛛] No		If YES, Vo N/A	olume Impacting	the Waterco	urse.	÷.,		
If a Waterco N/A	urse was In	pacted, Desci							F	RECE	EIVED	
Describe Ca Hole in botto		lem and Reme	dial Actio	n Taken.*				······································	·	jan 2	2011	1
Describe Ar	an Affected	and Cleanup	Action Tal	ken.* oduced water to re	ecover.	Production ta	nk to be pulled a	nd vertical/h		VIQCID	ARTESIA	ne
& BTEX are	pacted soils ander RRA	. Vertical and AL's a Final R	l horizonta leport, C-1	l delineation sam 41 will be submit round Water: >1	ples will ted to th	l be taken and ne OCD reque	analysis ran for sting closure. If	TPH & BTE the analytica	X. If a al result	nitial analy ts are abov	e the RRAL a	r TPH work
Engineer), V	Wellhead P	rotection Are	ea: No, Di	stance to Surface	e Water	Body: >1000)', SITE RANKI					
I hereby cert regulations a	ify that the all operators	information g	iven abov to report a	e is true and comp nd/or file certain r ce of a C-141 repo	olete to t release r	the best of my notifications a	knowledge and under the second	ctive actions	for rel	eases whic	ch may endange	er
should their or the enviro	operations l	have failed to	adequately OCD accep	v investigate and r ptance of a C-141	emedia	te contaminat	on that pose a the	reat to groun	id wate	r, surface v	water, human h	ealth
Signature:	\bigcap	er a	L .	<u></u>			OIL CON	SERVAT	ΓΙΟΝ #	DIVISI	ON	
Printed Nam	ne: Robert A	sher				Approved by	Signed By District Supervis	sor:	OLMA	ula-		
							Ilan la	011 -			1.	

Title: Environmental Regulatory Agent	Approval Date: /						
E-mail Address: boba@yatespetrpoleun.co	m	Conditions of App	oroval: 🖊	JA.	NR.1	Attached	
Date: Thursday, January 20, 2011	Phone: 575-748-4217	2RP-534		TIMA	Nepovil		

* Attach Additional Sheets If Necessary

C-141 10, 2003 oropriate cordance on back of form

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	129923
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
amaxwell	None	2/27/2023

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Action 129923