

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

SEP 28 2009

Form C-141
Revised October 10, 2003

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

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

Release Notification and Corrective Action

30-015-27775

NMCB 0927340104

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street	Telephone No. 505-748-1471	
Facility Name Creek AL Federal #12	API Number 30-015-27775	Facility Type Pumping Unit
Surface Owner Federal	Mineral Owner Federal	Lease No. LC-028990B

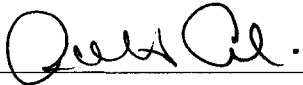
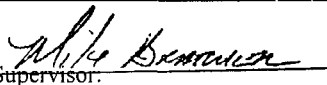
LOCATION OF RELEASE

Unit Letter E	Section 25	Township 18S	Range 30E	Feet from the 1405'	North/South Line South	Feet from the 330'	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	------------------------	---------------------------	-----------------------	------------------------	----------------

Latitude 32.72166 Longitude 103.93253

NATURE OF RELEASE

Type of Release Oil & Produced Water	Volume of Release 20 B/O & 18 B/PW	Volume Recovered 10 B/O & 5 B/PW
Source of Release Flow Line	Date and Hour of Occurrence 1/29/2009; AM	Date and Hour of Discovery 1/29/2009; AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bracher/NMOCD	
By Whom? Mike Stubblefield/Yates Petroleum Corporation	Date and Hour 1/29/2009; AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* The flow line ruptured. The well was shut in and a vacuum truck was called to the location.		
Describe Area Affected and Cleanup Action Taken.* An approximate area of 75' X 75'. The flow line was repaired and remaining oil and produced water recovered. Impacted soils were excavated and hauled to an NMOCD approved facility. The less impacted soils were excavated and placed on a liner at the location, soils were blended with nitrogen fertilizer and water applied. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX. Chlorides will be documented. Depth to Ground Water: >100' (approximately 184'), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Based on recovered amounts of oil & produces water, soils excavated/removed and enclosed analytical results, Yates Petroleum Corporation requests closure. Yates requests use of stockpiled soils to backfill excavation area east of well head.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations		

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Robert Asher		Signed By:  Approved by District Supervisor.	
Title: Environmental Regulatory Agent		Approval Date: SEP 30 2009	Expiration Date: N/A
E-mail Address: boba@yatespetroleum.com		Conditions of Approval: N/A	Attached <input type="checkbox"/>
Date: Thursday, September 24, 2009		Phone: 505-748-4217	

* Attach Additional Sheets If Necessary

2RP-344

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986

S.P. YATES
1914-2008



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

SFP 28 2009

JOHN A. YATES
CHAIRMAN OF THE BOARD
PRESIDENT

JOHN A. YATES JR.
ASSISTANT TO THE PRESIDENT

JAMES S. BROWN
CHIEF OPERATING OFFICER

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

September 24, 2009

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

Re: Creek AL Federal #12
30-015-27775
Section 25, T18S-R30E
Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on January 29, 2009 (20 B/O & 18 B/ PW release with approximately 10 B/O & 5 B/PW recovered). Per the February 6, 2009 C-141, Initial Report submitted to your office, heavily impacted soils were excavated and taken to an OCD approved facility, lesser impacted soils were stockpiled on a liner at the location, nitrogen fertilizer and water applied to the stockpiled soils. Vertical and horizontal delineation samples were taken on September 3, 2009 and sent to an OCD approved laboratory. Enclosed are the analytical reports and sample diagram. Site ranking is zero (0), with the depth to ground water >100' (approximately 184'). RRAL's based on the site ranking of 0, BTEX (ppm) @ 50 and TPH (ppm) @ 5000, (chlorides are for documentation) sample results are within these limits. Yates Petroleum Corporation requests closure based on the corrective actions taken and analytical results. Upon approval of the C-141, the excavation will be backfilled with the remediated stockpiled soils on location.

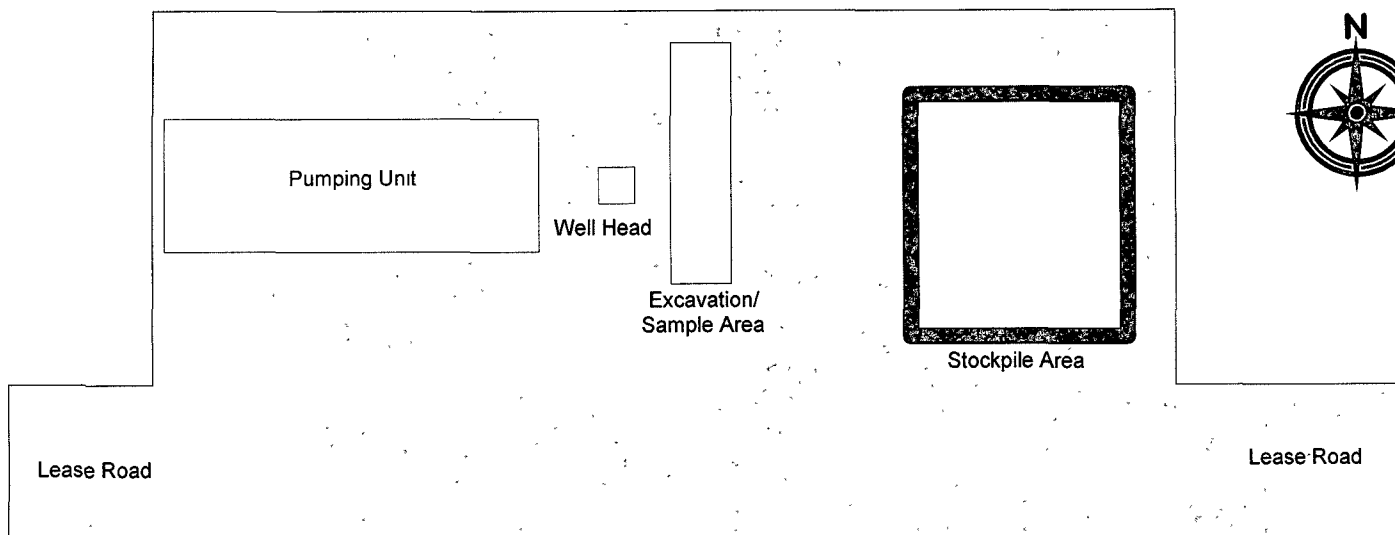
If you have any questions, please call me at 575-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

/rca
Enclosure(s)



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-001	9/3/2009	Grab/Auger	1'	ND	ND	25.8	25.8	8.92
GS/Comp-002	9/3/2009	Grab/Auger	2'	ND	ND	15.4	15.4	6.03
GS/Comp-003	9/3/2009	Grab/Shovel	6"	ND	ND	1040.0	1040.0	1490

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 184'). All results are ppm.



Creek AL Federal #12
30-015-12775

Section 25, T18S-R30E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Laboratories#: 343500 & 343501
Report Date: 9/10/2009

Prepared by Robert Asher
Environmental Regulatory Agent

Analytical Report 343501

for

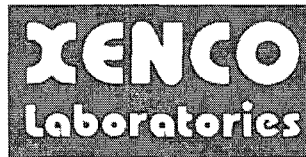
Yates Petroleum Corporation

Project Manager: Robert Asher

Creek AL Federal # 12

30-015-27775

10-SEP-09



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-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 (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87428), 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 (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Xenco-Boca Raton (EPA Lab Code: FL00449): Florida (E86240),

South Carolina (96031001), Louisiana (04154), Georgia (917)



10-SEP-09

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

Reference: XENCO Report No: **343501**
Creek AL Federal # 12
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 343501. 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. 343501 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 343501



Yates Petroleum Corporation, Artesia, NM

Creek AL Federal # 12

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Sep-03-09 10:50	1 - 1 ft	343501-001
GS/Comp-002	S	Sep-03-09 11:03	2 - 2 ft	343501-002
GS/Comp-003	S	Sep-03-09 11:31	6 - 6 In	343501-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Creek AL Federal # 12

Project ID: 30-015-27775

Work Order Number: 343501

Report Date: 10-SEP-09

Date Received: 09/04/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-771219 Inorganic Anions by EPA 300

None

Batch: LBA-771222 Percent Moisture

None



Certificate of Analysis Summary 343501

Yates Petroleum Corporation, Artesia, NM

Project Name: Creek AL Federal # 12



Project Id: 30-015-27775

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Sep-04-09 12:10 pm


Report Date: 10-SEP-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	343501-001	343501-002	343501-003			
	Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	Depth:	1-1 ft	2-2 ft	6-6 In			
	Matrix:	SOIL	SOIL	SOIL			
	Sampled:	Sep-03-09 10 50	Sep-03-09 11 03	Sep-03-09 11 31			
Anions by EPA 300	Extracted:						
	Analyzed:	Sep-04-09 16 13	Sep-04-09 16 13	Sep-04-09 16 13			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		8 92 5 04	6 03 5 08	1490 50 8			
Percent Moisture	Extracted:						
	Analyzed:	Sep-08-09 08 50	Sep-08-09 08 50	Sep-08-09 08 50			
	Units/RL:	% RL	% RL	% RL			
Percent Moisture		ND 1 00	1 67 1 00	1 61 1 00			

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

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


Brent Barron, II
Odessa Laboratory Manager



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phone. 432-563-1800
Fax. 432-563-1713

Project Name: Creek AL Federal #12

Project #: 30-015-27775

Project Loc: Eddy County

PO #, 105632

Fax No. 505-748-4682

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

e-mail, boba@yatespetroleum.com

[illegible]

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum
Date/ Time: 9.4.09 12:10
Lab ID #: 343901 / 343501
Initials: al

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>5.1</u> °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	<u>ID written on Curt / Lid</u>
#9	Container label(s) legible and intact?	<u>Yes</u>	No	<u>Not Applicable</u>
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELDT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	<u>See Below</u>
#13	Samples properly preserved?	<u>Yes</u>	No	<u>See Below</u>
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	<u>See Below</u>
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	<u>See Below</u>
#19	Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>
#20	VOC samples have zero headspace?	<u>Yes</u>	No	<u>Not Applicable</u>

Variance Documentation

Contact _____ Contacted by _____ Date/ Time _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event

Analytical Report 343500

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Creek AL Federal # 12

30-015-27775

10-SEP-09



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-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 (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87428), 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 (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Xenco-Boca Raton (EPA Lab Code: FL00449): Florida (E86240),

South Carolina (96031001), Louisiana (04154), Georgia (917)



10-SEP-09

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

Reference: XENCO Report No: **343500**
Creek AL Federal # 12
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 343500. 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. 343500 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 343500



Yates Petroleum Corporation, Artesia, NM
Creek AL Federal # 12

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Sep-03-09 10:50	1 - 1 ft	343500-001
GS/Comp-002	S	Sep-03-09 11:03	2 - 2 ft	343500-002
GS/Comp-003	S	Sep-03-09 11:31	6 - 6 in	343500-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Creek AL Federal # 12

Project ID: 30-015-27775

Work Order Number: 343500

Report Date: 10-SEP-09

Date Received: 09/04/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-771222 Percent Moisture

None

Batch: LBA-771272 BTEX-MTBE EPA 8021B

SW8021BM

Batch 771272, 4-Bromofluorobenzene recovered below QC limits Data not confirmed by re-analysis. Samples affected are: 537124-1-BLK.

SW8021BM

Batch 771272, Toluene recovered below QC limits in the Matrix Spike.

Samples affected are: 343500-001, -002, -003.

The Laboratory Control Sample for Toluene is within laboratory Control Limits

Batch: LBA-771675 TPH by SW 8015B

None



Certificate of Analysis Summary 343500

Yates Petroleum Corporation, Artesia, NM

Project Name: Creek AL Federal # 12



Project Id: 30-015-27775

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Sep-04-09 12:10 pm

Report Date: 10-SEP-09

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	343500-001	343500-002	343500-003			
	<i>Field Id:</i>	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	<i>Depth:</i>	1-1 ft	2-2 ft	6-6 In			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Sep-03-09 10 50	Sep-03-09 11 03	Sep-03-09 11 31			
BTEX by EPA 8021B	<i>Extracted:</i>	Sep-04-09 12 30	Sep-04-09 12 30	Sep-04-09 12 30			
	<i>Analyzed:</i>	Sep-04-09 18 30	Sep-05-09 09 56	Sep-05-09 10 15			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0 0010	ND 0 0010	ND 0 0010			
Toluene		ND 0 0020	ND 0 0020	ND 0 0020			
Ethylbenzene		ND 0 0010	ND 0 0010	ND 0 0010			
m,p-Xylenes		ND 0 0020	ND 0 0020	ND 0 0020			
o-Xylene		ND 0 0010	ND 0 0010	ND 0 0010			
Total Xylenes		ND 0 0010	ND 0 0010	ND 0 0010			
Total BTEX		ND 0 0010	ND 0 0010	ND 0 0010			
Percent Moisture	<i>Extracted:</i>	Sep-08-09 08 50	Sep-08-09 08 50	Sep-08-09 08 50			
	<i>Analyzed:</i>	Sep-08-09 08 50	Sep-08-09 08 50	Sep-08-09 08 50			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		ND 1 00	1 67 1 00	1 61 1 00			
TPH By SW8015B Mod	<i>Extracted:</i>	Sep-09-09 09 39	Sep-09-09 09 39	Sep-09-09 09 39			
	<i>Analyzed:</i>	Sep-10-09 01 01	Sep-10-09 07 55	Sep-10-09 08 19			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		ND 15 1	ND 15 3	ND 15 2			
C10-C28 Diesel Range Hydrocarbons		25 8 15 1	15 4 15 3	1040 15 2			
Total TPH		25 8 15 1	15 4 15 3	1040 15 2			

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

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

Brent Barron, II
Odessa Laboratory Manager



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

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(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116

XENCO-Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Phone: 432-663-1600
Odessa, Texas 79765 Fax: 432-563-1713

Project Manager: Robert Asher

Project Name: Creek AL, Federal #12

Company Name Yates Petroleum Corporation

Project #: 30-015-27775

Company Address 105 South 4th Street

Project Loc: Eddy County

City/State/Zip. Artesia, NM 88210

PO #: 105632

Telephone No: 505-748-4217

Fax No: 505-748-4682

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

4
Sampler Signature:

e-mail: boba@yatespetroleum.com

[illegible]

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum
Date/Time: 9.4.09 12:10
Lab ID #: 343301 / 343501
Initials: al

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>5.1</u> °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELOT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	<u>Yes</u>	No	Not Applicable
#20	VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply.
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event