

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

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May 11, 2011

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

Re: Rio Pecos GB Com. #2
2RP-724
30-015-22492
Section 20, T18S-R27E
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 March 24, 2011 (8 B/O released with 0 B/O recovered). A C-141, Initial Report submitted to your office on April 8, 2011. Vertical and horizontal delineation samples were taken on April 6, 2011 sent to an NMOCD approved laboratory. The impacted soils were excavated to a depth of four (4) feet and taken to an NMOCD approved facility. Vertical and horizontal delineation samples were taken on May 5, 2011 sent to an NMOCD approved laboratory. Enclosed are the analytical reports and sample diagram. Site ranking is zero (0), with the depth to ground water >100' (approximately 100', per NMOSE, Section 28, T18S-R27E). Yates Petroleum Corporation requests closure based on the corrective actions taken and analytical results. Upon approval, Yates will have a contractor backfill the excavation with clean, like material.

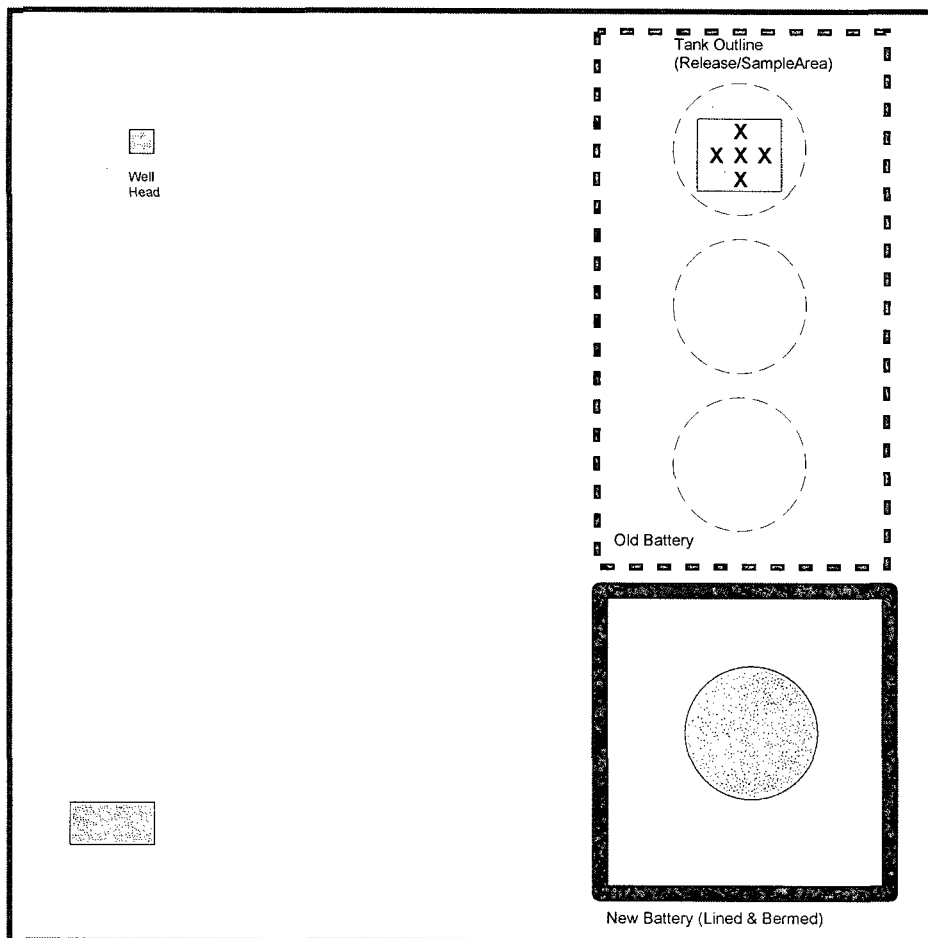
If you have any questions, please call me at 575-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

/rca
Enclosure(s)



Analytical Report- 412342	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL
Comp-01.0	Release Area	4/6/2011	Comp/Auger	1'	0.27500	40.7	269	309.7
Comp-02.0	Release Area	4/6/2011	Comp/Auger	2'	3.130	160	668	828
Comp-03.0	Release Area	4/6/2011	Comp/Auger	3'	4.160	169	673	842
Analytical Report- 415676	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL
Comp-05.0	Excavation Area	5/3/2011	Comp/Auger	5'	1.730	72	184	256
Comp-06.0	Excavation Area	5/3/2011	Comp/Auger	6'	2.580	139	309	448
Comp-07.0	Excavation Area	5/3/2011	Comp/Auger	7'	0.156	ND	50.5	50.5

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

All results are ppm. X - Sample Points

Released: 8 B/O; Recovered: 0 B/O. Release Date: 3/24/2011



Rio Pecos GB Com. #2

30-015-22492

Section 20, T18S-R27E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report: #412342

Report Date: 4/12/2011

Xenco Report: #415676

Report Date: 5/9/2011

Prepared by Robert Asher
Environmental Regulatory Agent

Analytical Report 415676

for
Yates Petroleum Corporation

Project Manager: Robert Asher

Rio Pecos GB Com. #2

30-015-22492

09-MAY-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 (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), 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)



09-MAY-11

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

Reference: XENCO Report No: **415676**
Rio Pecos GB Com. #2
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 415676. 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. 415676 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 415676



Yates Petroleum Corporation, Artesia, NM

Rio Pecos GB Com. #2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp - 05.0	S	May-03-11 14:21	5 - 5 ft	415676-001
Comp - 06.0	S	May-03-11 14:35	6 - 6 ft	415676-002
Comp - 07.0	S	May-03-11 14:51	7 - 7 ft	415676-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Rio Pecos GB Com. #2



Project ID: 30-015-22492

Work Order Number: 415676

Report Date: 09-MAY-11

Date Received: 05/06/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

*Batch: LBA-855115 TPH By SW8015B Mod
SW8015B_NM*

Batch 855115, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 415676-001.

*Batch: LBA-855141 BTEX by EPA 8021B
SW8021BM*

Batch 855141, Benzene, Toluene recovered below QC limits in the Matrix Spike. Ethylbenzene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 415676-001, -002, -003.

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

SW8021BM

Batch 855141, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 415676-001,415676-003,415676-002.



Certificate of Analysis Summary 415676

Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-22492

Contact: Robert Asher

Project Location: Eddy County

Project Name: Rio Pecos GB Com. #2

Date Received in Lab: Fri May-06-11 11:00 am


Report Date: 09-MAY-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	415676-001	415676-002	415676-003			
	<i>Field Id:</i>	Comp - 05.0	Comp - 06.0	Comp - 07.0			
	<i>Depth:</i>	5-5 ft	6-6 ft	7-7 ft			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	May-03-11 14:21	May-03-11 14:35	May-03-11 14:51			
BTEX by EPA 8021B	<i>Extracted:</i>	May-06-11 13:30	May-06-11 13:30	May-06-11 13:30			
	<i>Analyzed:</i>	May-07-11 10:14	May-07-11 11:21	May-07-11 12:32			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0.0234	ND 0.0243	ND 0.0062			
Toluene		ND 0.0469	0.252 0.0485	ND 0.0125			
Ethylbenzene		0.0607 0.0234	0.0876 0.0243	ND 0.0062			
m_p-Xylenes		0.764 0.0469	1.03 0.0485	0.0755 0.0125			
o-Xylene		0.902 0.0234	1.21 0.0243	0.0802 0.0062			
Total Xylenes		1.67 0.0234	2.24 0.0243	0.156 0.0062			
Total BTEX		1.73 0.0234	2.58 0.0243	0.156 0.0062			
Percent Moisture	<i>Extracted:</i>						
	<i>Analyzed:</i>	May-06-11 17:00	May-06-11 17:00	May-06-11 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		15.3 1.00	18.2 1.00	19.9 1.00			
TPH By SW8015B Mod	<i>Extracted:</i>	May-06-11 14:00	May-06-11 14:00	May-06-11 14:00			
	<i>Analyzed:</i>	May-07-11 07:36	May-07-11 08:04	May-07-11 08:33			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		72.0 17.7	139 18.3	ND 18.7			
C10-C28 Diesel Range Hydrocarbons		184 17.7	309 18.3	50.5 18.7			
Total TPH		256 17.7	448 18.3	50.5 18.7			

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



Flagging Criteria

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

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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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**12600 West I-20 East
Odessa, Texas 79765**

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

Project Manager: Robert Asher

Project Name: **Rio Pecos GB Com. #2**

Company Name Yates Petroleum Corporation

Project #: 30-015-22492

Company Address: 105 South 4th Street

Project Loc: Eddy County

City/State/Zip: Artesia, NM 88210

PO #: 105632

Telephone No: 575-748-4217

Fax No: 575-748-4662

Report Format: ☒ Standard☐ TRRP☐ NPDES

Sampler Signature:

e-mail: boba@yatespetroleum.com

[illegible]

**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-InClient: YatesDate/Time: 5-6-11 11:00Lab ID #: 415676Initials: LM**Sample Receipt Checklist**

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	<u>Yes</u>	No	N/A	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
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		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	<u>No</u>	<u>N/A</u>	
17. VOC sample have zero head space?	Yes	No	<u>N/A</u>	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 3.5 °C	lbs °C	lbs °C	lbs °C	lbs °C

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 5.5.8.3.1.a.1.
 - ☐ Initial and Backup Temperature confirm out of temperature conditions
 - ☐ Client understands and would like to proceed with analysis

Analytical Report 412342

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Rio Pecos GB Com. # 2

30-015-22492

12-APR-11



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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)

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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)



12-APR-11

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

Reference: XENCO Report No: **412342**
Rio Pecos GB Com. # 2
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 412342. 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. 412342 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 412342



Yates Petroleum Corporation, Artesia, NM

Rio Pecos GB Com. # 2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-01.0	S	Apr-06-11 09:41	1 - 1 ft	412342-001
Comp-02.0	S	Apr-06-11 09:58	2 - 2 ft	412342-002
Comp-03.0	S	Apr-06-11 10:21	3 - 3 ft	412342-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Rio Pecos GB Com. # 2



Project ID: 30-015-22492

Work Order Number: 412342

Report Date: 12-APR-11

Date Received: 04/07/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-851326 TPH By SW8015B Mod
SW8015B_NM

Batch 851326, 1-Chlorooctane, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis
Samples affected are: 412342-002.

Batch: LBA-851512 BTEX by EPA 8021B
SW8021BM

Batch 851512, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 412342-002,412342-003.

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

Samples affected are: 412342-001,412342-003,412342-002.



Certificate of Analysis Summary 412342

Yates Petroleum Corporation, Artesia, NM

Project Name: Rio Pecos GB Com. # 2



Project Id: 30-015-22492

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Thu Apr-07-11 09:45 am


Report Date: 12-APR-11

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	412342-001	412342-002	412342-003			
	Field Id:	Comp-01.0	Comp-02.0	Comp-03.0			
	Depth:	1-1 ft	2-2 ft	3-3 ft			
	Matrix:	SOIL	SOIL	SOIL			
	Sampled:	Apr-06-11 09:41	Apr-06-11 09:58	Apr-06-11 10:21			
BTEX by EPA 8021B	Extracted:	Apr-11-11 08:47	Apr-11-11 08:47	Apr-11-11 08:47			
	Analyzed:	Apr-11-11 13:50	Apr-11-11 16:14	Apr-11-11 16:37			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0.0012	ND 0.0237	ND 0.0241			
Toluene		0.0286 0.0023	0.554 0.0474	0.861 0.0481			
Ethylbenzene		0.0155 0.0012	0.131 0.0237	0.210 0.0241			
m_p-Xylenes		0.0863 0.0023	1.10 0.0474	1.47 0.0481			
o-Xylene		0.145 0.0012	1.34 0.0237	1.62 0.0241			
Total Xylenes		0.231 0.0012	2.44 0.0237	3.09 0.0241			
Total BTEX		0.275 0.0012	3.13 0.0237	4.16 0.0241			
Percent Moisture	Extracted:						
	Analyzed:	Apr-07-11 17:00	Apr-07-11 17:00	Apr-07-11 17:00			
	Units/RL:	% RL	% RL	% RL			
Percent Moisture		14.1 1.00	15.8 1.00	16.9 1.00			
TPH By SW8015B Mod	Extracted:	Apr-07-11 10:30	Apr-07-11 10:30	Apr-07-11 10:30			
	Analyzed:	Apr-08-11 17:47	Apr-08-11 18:17	Apr-08-11 18:47			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		40.7 17.5	160 17.8	169 18.0			
C10-C28 Diesel Range Hydrocarbons		269 17.5	668 17.8	673 18.0			
Total TPH		310 17.5	828 17.8	842 18.0			

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

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Brent Barron, II
Odessa Laboratory Manager



Flagging Criteria

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

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

PQL Practical Quantitation Limit

* Outside XENCO's scope of NELAC Accreditation.

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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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Robert Asher

Project Name: **Rio Pecos GB Com.#2**

Company Name Yates Petroleum Corporation

Project #: 30-015-22492

Company Address: 105 South 4th Street

Project Loc: Eddy County

City/State/Zip: Artesia, NM 88210

PO #: 105632

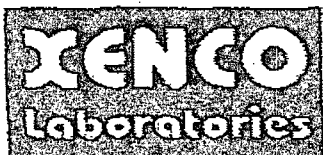
Telephone No: 575-748-4217 Fax No: 575-748-4662

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: e-mail: boba@yatespetroleum.com

e-mail: boba@yatespetroleum.com

[illegible]



XENCO Laboratories
Atlanta, Boca Raton, Corpus Christi, Dallas
Houston, Miami, Odessa, Philadelphia
Phoenix, San Antonio, Tampa

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

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates
Date/Time: 4/7/11 9:45
Lab ID #: 412342
Initials: AH

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		
10. Sample matrix / properties agree with chain of custody?	Yes	No		
11. Samples in proper container / bottle?	Yes	No		
12. Samples properly preserved?	Yes	No	N/A	
13. Sample container intact?	Yes	No		
14. Sufficient sample amount for indicated test(s)?	Yes	No		
15. All samples received within sufficient hold time?	Yes	No		
16. Subcontract of sample(s)?	Yes	No	N/A	
17. VOC sample have zero head space?	Yes	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 4 °C	lbs °C	lbs °C	lbs °C	lbs °C

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 5.5.8.3.1.a.1.
 - ☐ Initial and Backup Temperature confirm out of temperature conditions
 - ☐ Client understands and would like to proceed with analysis