

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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CHIEF FINANCIAL OFFICER

June 23, 2011

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

Re: Serrano Federal #1  
2RP-785  
30-015-28166  
Section 11, T19S-R25E  
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 May 3, 2011 (150 bbls of oil/produced water mix with 130 bbls of oil/produced water mix being recovered). The release was from a water transfer pump that air locked, the oil and produced water overflowed from the water leg and hatch. The release area was excavated twelve (12) inches below the surface; impacted soils were taken to an NMOCD approved facility. Vertical and horizontal samples were taken on 6/8/2011 and sent to an NMOCD approved laboratory for analysis. Analytical results show TPH & BTEX (chlorides for documentation) below RRAL's for the site ranking of (10) ten, (enclosed sample diagram and results). Results of the analytical data were accepted by the NMOCD on 6/23/2011. Based on impacted soils being excavated and analytical results; Yates Petroleum Corporation requests closure. Upon NMOCD approval the excavated area will be backfilled with clean, like soils.

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

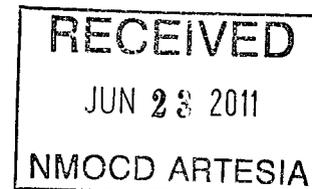
Thank you.

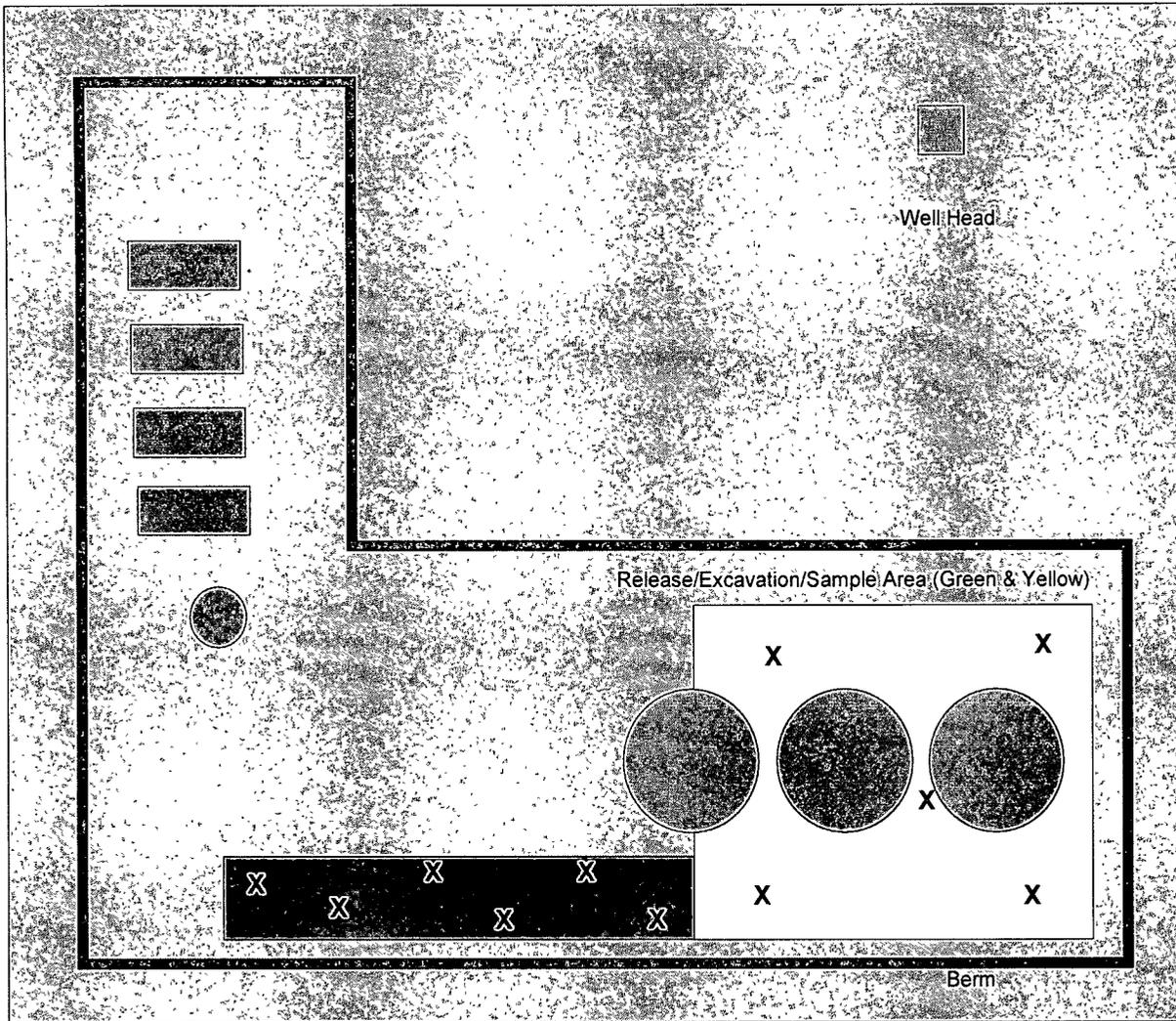
YATES PETROLEUM CORPORATION

A handwritten signature in black ink, appearing to read 'Robert Asher'.

Robert Asher  
Senior Environmental Regulatory Agent

/rca  
Enclosure(s)





Analytical Report 419825 & 419827	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	6/8/2011	Comp/Auger	6" (1.5' BSL)	0.0220	21.9	388	409.9	464
Comp-01.0	Release Area	6/8/2011	Comp/Auger	12" (2.0' BSL)	ND	ND	ND	ND	378
<b>Comp-00.5</b>	Release Area	6/8/2011	Comp/Auger	6" (1.5' BSL)	0.00143	ND	60.1	60.1	506
<b>Comp-01.0</b>	Release Area	6/8/2011	Comp/Auger	12" (2.0' BSL)	ND	ND	ND	ND	422

Site Ranking is Ten (10). Depth to Ground Water 50' -99' (approx. 85', per Trend Map).

All results are ppm. BSL - Below Surface Level. Chlorides for documentation. X - Sample Points

Released: 150 B/O & B/PW mix; Recovered: 130 B/O & B/PW mix. Release Date: 5/3/2011



**Serrano Federal #1**  
**30-015-28166**  
**Section 11, T19S-R25E**  
**Eddy County, NM**

**SAMPLE DIAGRAM (Not to Scale)**

**Xenco Report #: 419825 & 419827**  
**Report Date: 6/20/2011**

**Prepared by Robert Asher**  
**Environmental Regulatory Department**

# Analytical Report 419827

for

## Yates Petroleum Corporation

**Project Manager: Robert Asher**

**Serrano Federal # 1**

**30-015-28166**

**20-JUN-11**

Collected By: Client



**Celebrating 20 Years of commitment to excellence in Environmental Testing Services**



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

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (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)



20-JUN-11

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

Reference: XENCO Report No: **419827**  
**Serrano 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 419827. 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. 419827 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 419827**



**Yates Petroleum Corporation, Artesia, NM**

Serrano Federal # 1

<b>Sample Id</b>	<b>Matrix-</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
Comp-00.5 A	S	Jun-08-11 10:28	6 - 6 In	419827-001
Comp-01.0 A	S	Jun-08-11 10:54	12 - 12 In	419827-002
Comp-00.5 B	S	Jun-08-11 11:12	6 - 6 In	419827-003
Comp-01.0 B	S	Jun-08-11 11:27	12 - 12 In	419827-004



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Serrano Federal # 1*



*Project ID: 30-015-28166*

*Report Date: 20-JUN-11*

*Work Order Number: 419827*

*Date Received: 06/14/2011*

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**Sample receipt non conformances and comments:**

None

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**Sample receipt non conformances and comments per sample:**

None



# Certificate of Analysis Summary 419827

Yates Petroleum Corporation, Artesia, NM

Project Name: Serrano Federal # 1



Project Id: 30-015-28166

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Tue Jun-14-11 01:23 pm

Report Date: 20-JUN-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	419827-001	419827-002	419827-003	419827-004		
	<i>Field Id:</i>	Comp-00 5 A	Comp-01.0 A	Comp-00.5 B	Comp-01.0 B		
	<i>Depth:</i>	6-6 In	12-12 In	6-6 In	12-12 In		
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	Jun-08-11 10:28	Jun-08-11 10:54	Jun-08-11 11:12	Jun-08-11 11:27		
<b>Anions by E300</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jun-15-11 17:42	Jun-15-11 17:55	Jun-15-11 18:08	Jun-15-11 18:21		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		464 19.3	378 24.3	506 19.7	422 24.2		
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jun-14-11 17:00	Jun-14-11 17:00	Jun-14-11 17:00	Jun-14-11 17:00		
	<i>Units/RL:</i>	% RL	% RL	% RL	% RL		
Percent Moisture		13.1 1.00	13.7 1.00	14.8 1.00	13.2 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.

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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
- NC** Non-Calculable
- + Outside XENCO's scope of NELAC Accreditation.

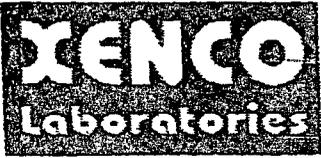
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5332 Blackberry Drive, San Antonio TX 78238	(214) 902 0300	(214) 351-9139
2505 North Falkenburg Rd, Tampa, FL 33619	(210) 509-3334	(210) 509-3335
5757 NW 158th St, Miami Lakes, FL 33014	(813) 620-2000	(813) 620-2033
12600 West I-20 East, Odessa, TX 79765	(305) 823-8500	(305) 823-8555
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	(602) 437-0330	





**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 Petroleum  
 Date/Time: 6/14/11 13:23  
 Lab ID #: 419825 / 419827  
 Initials: AE

**Sample Receipt Checklist**

1. Samples on ice?	Blue	<del>Water</del>	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	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 7.6 °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 419825

## for Yates Petroleum Corporation

**Project Manager: Robert Asher**

**Serrano Federal # 1**

**30-015-28166**

**21-JUN-11**

Collected By: Client



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

Xenco-Houston (EPA Lab code: TX00122):

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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 (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-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)



21-JUN-11

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

Reference: XENCO Report No: **419825**  
**Serrano 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 419825. 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. 419825 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 419825**



**Yates Petroleum Corporation, Artesia, NM**

Serrano Federal # 1

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
Comp-00.5 A	S	Jun-08-11 10:28	6 - 6 In	419825-001
Comp-01.0 A	S	Jun-08-11 10:54	12 - 12 In	419825-002
Comp-00.5 B	S	Jun-08-11 11:12	6 - 6 In	419825-003
Comp-01.0 B	S	Jun-08-11 11:27	12 - 12 In	419825-004



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Serrano Federal # 1*



*Project ID: 30-015-28166*

*Work Order Number: 419825*

*Report Date: 21-JUN-11*

*Date Received: 06/14/2011*

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**Sample receipt non conformances and comments:**

None

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**Sample receipt non conformances and comments per sample:**

None

**Analytical non nonformances and comments:**

Batch: LBA-860290 BTEX by EPA 8021B

SW8021BM

Batch 860290, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis

Samples affected are: 419825-001 S,419825-001 SD.

SW8021BM

Batch 860290, Benzene, Ethylbenzene, Toluene, m\_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 419825-001, -004, -003, -002.

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



# 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.
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- J** The target analyte was positively identified below the MQL and above the SQL.
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- 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

**NC** Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

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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
3725 E Atlanta Ave, Phoenix, AZ 85040	(602) 437-0330	



# Certificate of Analysis Summary 419825

Yates Petroleum Corporation, Artesia, NM

Project Name: Serrano Federal # 1



Project Id: 30-015-28166

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Tue Jun-14-11 01:23 pm

Report Date: 21-JUN-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	419825-001	419825-002	419825-003	419825-004		
	<i>Field Id:</i>	Comp-00.5 A	Comp-01.0 A	Comp-00.5 B	Comp-01.0 B		
	<i>Depth:</i>	6-6 In	12-12 In	6-6 In	12-12 In		
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	Jun-08-11 10:28	Jun-08-11 10:54	Jun-08-11 11:12	Jun-08-11 11:27		
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	Jun-15-11 16:00	Jun-15-11 16:00	Jun-15-11 16:00	Jun-15-11 16:00		
	<i>Analyzed:</i>	Jun-16-11 06:23	Jun-16-11 06:45	Jun-16-11 07:08	Jun-16-11 07:31		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		ND 0.0012	ND 0.0012	ND 0.0012	ND 0.0012		
Toluene		ND 0.0023	ND 0.0023	ND 0.0023	ND 0.0023		
Ethylbenzene		0.00375 0.0012	ND 0.0012	ND 0.0012	ND 0.0012		
m_p-Xylenes		0.0144 0.0023	ND 0.0023	ND 0.0023	ND 0.0023		
o-Xylene		0.00382 0.0012	ND 0.0012	0.00143 0.0012	ND 0.0012		
Total Xylenes		0.0182 0.0012	ND 0.0012	0.00143 0.0012	ND 0.0012		
Total BTEX		0.0220 0.0012	ND 0.0012	0.00143 0.0012	ND 0.0012		
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jun-14-11 17:00	Jun-14-11 17:00	Jun-14-11 17:00	Jun-14-11 17:00		
	<i>Units/RL:</i>	% RL	% RL	% RL	% RL		
Percent Moisture		13.1 1.00	13.7 1.00	14.8 1.00	13.2 1.00		
<b>TPH By SW8015B Mod</b>	<i>Extracted:</i>	Jun-15-11 09:30	Jun-15-11 09:30	Jun-15-11 09:30	Jun-15-11 09:30		
	<i>Analyzed:</i>	Jun-15-11 15:08	Jun-15-11 15:37	Jun-15-11 16:06	Jun-15-11 16:35		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons		21.9 17.3	ND 17.3	ND 17.6	ND 17.3		
C10-C28 Diesel Range Hydrocarbons		388 17.3	ND 17.3	60.1 17.6	ND 17.3		
Total TPH		410 17.3	ND 17.3	60.1 17.6	ND 17.3		

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





**XENCO Laboratories**  
 Altamira, Boca Raton, Corpus Christi, Dallas  
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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: Yates Petroleum  
 Date/Time: 6/14/11 13:23  
 Lab ID #: 419825 / 419827  
 Initials: AE

**Sample Receipt Checklist**

1. Samples on ice?	Blue	<del>Water</del>	No	
2. Shipping container in good condition?	<input checked="" type="radio"/> Yes	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	<input checked="" type="radio"/> Yes	No	N/A	
4. Chain of Custody present?	<input checked="" type="radio"/> Yes	No		
5. Sample instructions complete on chain of custody?	<input checked="" type="radio"/> Yes	No		
6. Any missing / extra samples?	Yes	<input checked="" type="radio"/> No		
7. Chain of custody signed when relinquished / received?	<input checked="" type="radio"/> Yes	No		
8. Chain of custody agrees with sample label(s)?	<input checked="" type="radio"/> Yes	No		
9. Container labels legible and intact?	<input checked="" type="radio"/> Yes	No		
10. Sample matrix / properties agree with chain of custody?	<input checked="" type="radio"/> Yes	No		
11. Samples in proper container / bottle?	<input checked="" type="radio"/> Yes	No		
12. Samples properly preserved?	<input checked="" type="radio"/> Yes	No	N/A	
13. Sample container intact?	<input checked="" type="radio"/> Yes	No		
14. Sufficient sample amount for indicated test(s)?	<input checked="" type="radio"/> Yes	No		
15. All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	No		
16. Subcontract of sample(s)?	Yes	No	<input checked="" type="radio"/> N/A	
17. VOC sample have zero head space?	<input checked="" type="radio"/> Yes	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 7.6 °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