

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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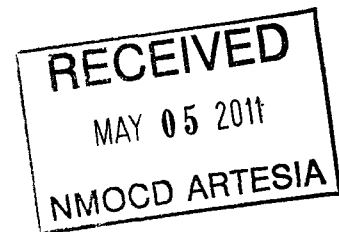
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CHIEF OPERATING OFFICER

JOHN D. PERINI  
CHIEF FINANCIAL OFFICER

May 5, 2011

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

Re: Jackson EM Com. #1  
30-015-21564  
Section 25, T17S-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 February 11, 2010 (54 B/O and 9 B/PW released with 0 B/O and 0 B/PW recovered). The C-141 Initial Report was submitted to your office on February 22, 2010. Vertical and horizontal delineation samples were taken on 3/2/2011 and sent to an NMOCD approved laboratory and analyzed for TPH/BTEX (chlorides for documentation). Results showed BTEX, to be above RRAL's (70.24 ppm). A work plan was resubmitted on 3/16/2011 where scope of work entailed excavating impacted soils to a depth of four (4) feet, these impacted soils were taken to an NMOCD approved facility. Addition samples were taken on 4/20/2011, results show TPH and BTEX (chlorides for documentation), to be non-detect and below RRAL's based on a site ranking of zero (depth to ground water recorded at 150' per NMOSE, Section 25, T17S-R25E); Yates Petroleum Corporation requests closure based on impacted soils excavated/hailed and analytical results.

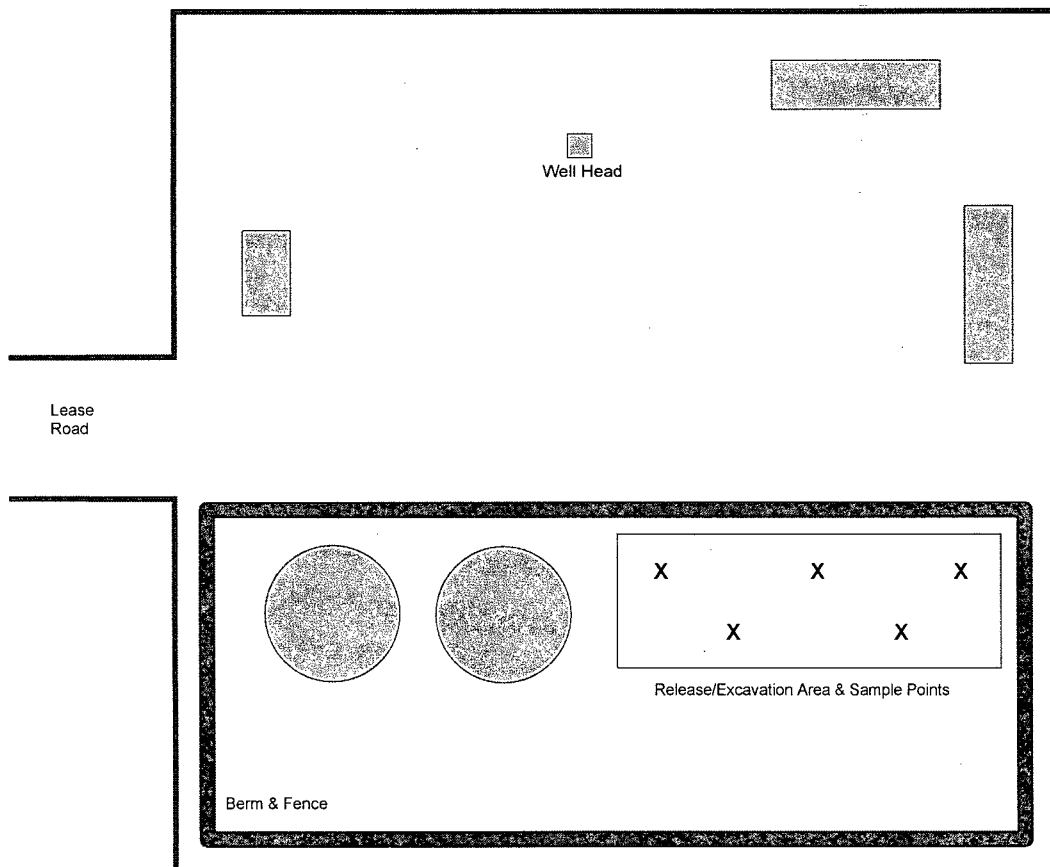
If you have any questions, please call me at 575-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent

/rca  
Enclosure(s)



Analytical Report- 364311/364313	Sample Area	Sample Date	Sample Type	Depth	Benzene	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-001	Release Area	3/2/2010	Composite/Auger	1' (1' BSL)	ND	14.279	728	91.8	819.8	798
Comp-002	Release Area	3/2/2010	Composite/Auger	2' (2' BSL)	ND	16.410	1070	117	1187	236
Comp-003	Release Area	3/2/2010	Composite/Auger	3' (3' BSL)	0.145	70.240	1200	142	1342	175
Analytical Report- 414137/414139	Sample Area	Sample Date	Sample Type	Depth	Benzene	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-001	Excavation	4/20/2011	Composite/Auger	12" (5' BSL)	ND	ND	ND	ND	ND	121
Comp-002	Excavation	4/20/2011	Composite/Auger	18" (5.5' BSL)	ND	ND	ND	ND	ND	92
Comp-003	Excavation	4/20/2011	Composite/Auger	24" (6' BSL)	ND	ND	ND	ND	ND	56.5

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 150', NMOSE).

All results are ppm. Chlorides results are for documentation.



Jackson EM Com. #1

30-015-21564

Section 25, T17S-R25E

Eddy County, NM

**SAMPLE DIAGRAM (Not to Scale)**

Xenco Laboratories: #364311 & 364313

Report Date: 3/14/2010

Xenco Laboratories: #414137 & 414139

Report Date: 4/28/2011

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 414137

for  
Yates Petroleum Corporation

Project Manager: Robert Asher

Jackson EM Com. #1

30-015-21564

28-APR-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)



28-APR-11

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

Reference: XENCO Report No: **414137**  
**Jackson EM 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 414137. 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. 414137 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 414137



**Yates Petroleum Corporation, Artesia, NM**

Jackson EM Com. #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Apr-20-11 09:14	1 - 1 ft	414137-001
GS/Comp-002	S	Apr-20-11 09:32	1.5 - 1.5 ft	414137-002
GS/Comp-003	S	Apr-20-11 09:46	2 - 2 ft	414137-003



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Jackson EM Com. #1*



*Project ID: 30-015-21564*  
*Work Order Number: 414137*

*Report Date: 28-APR-11*  
*Date Received: 04/22/2011*

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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 Conformances and Comments:**

Batch: LBA-853848 BTEX by EPA 8021B  
SW8021BM

Batch 853848, m\_p-Xylenes RPD was outside QC limits.  
Samples affected are: 414137-003, -001, -002

SW8021BM

Batch 853848, Ethylbenzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Toluene, m\_p-Xylenes recovered below QC limits in the Matrix Spike Duplicate.  
Samples affected are: 414137-003, -001, -002.  
The Laboratory Control Sample for Toluene, Ethylbenzene, m\_p-Xylenes is within laboratory Control Limits



# Certificate of Analysis Summary 414137

Yates Petroleum Corporation, Artesia, NM

Project Name: Jackson EM Com. #1



Project Id: 30-015-21564

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Apr-22-11 09:58 am


Report Date: 28-APR-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	414137-001	414137-002	414137-003			
	<i>Field Id:</i>	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	<i>Depth:</i>	1-1 ft	1.5-1.5 ft	2-2 ft			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Apr-20-11 09:14	Apr-20-11 09:32	Apr-20-11 09:46			
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	Apr-25-11 11:00	Apr-25-11 11:00	Apr-25-11 11:00			
	<i>Analyzed:</i>	Apr-27-11 11:54	Apr-27-11 12:16	Apr-27-11 12:39			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0.0011	ND 0.0011	ND 0.0011			
Toluene		ND 0.0022	ND 0.0022	ND 0.0022			
Ethylbenzene		ND 0.0011	ND 0.0011	ND 0.0011			
m_p-Xylenes		ND 0.0022	ND 0.0022	ND 0.0022			
o-Xylene		ND 0.0011	ND 0.0011	ND 0.0011			
Total Xylenes		ND 0.0011	ND 0.0011	ND 0.0011			
Total BTEX		ND 0.0011	ND 0.0011	ND 0.0011			
<b>Percent Moisture</b>	<i>Extracted:</i>	Apr-22-11 15:00	Apr-22-11 15:00	Apr-22-11 15:00			
	<i>Analyzed:</i>	Apr-22-11 15:00	Apr-22-11 15:00	Apr-22-11 15:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		7.73 1.00	9.44 1.00	9.59 1.00			
<b>TPH By SW8015B Mod</b>	<i>Extracted:</i>	Apr-25-11 10:00	Apr-25-11 10:00	Apr-25-11 10:00			
	<i>Analyzed:</i>	Apr-26-11 06:15	Apr-26-11 06:45	Apr-26-11 07:14			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		ND 16.2	ND 16.6	ND 16.6			
C10-C28 Diesel Range Hydrocarbons		ND 16.2	ND 16.6	ND 16.6			
Total TPH		ND 16.2	ND 16.6	ND 16.6			

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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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



## XENCO-Environmental Lab of Texas

### 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: Jackson EM Com. #1

Company Name Yates Petroleum Corporation

**Project #:** 30-015-21564

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](mailto: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: YatesDate/Time: 4-22-11 9:58Lab ID #: 414137/414139Initials: XM**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>	<u>No</u>		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	<u>Yes</u>	<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>	N/A	
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 <u>2.1</u> °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 414139

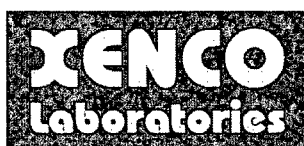
for  
Yates Petroleum Corporation

Project Manager: Robert Asher

Jackson EM Com. #1

30-015-21564

28-APR-11



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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)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

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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)



28-APR-11

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

Reference: XENCO Report No: **414139**  
**Jackson EM 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 414139. 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. 414139 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 414139



**Yates Petroleum Corporation, Artesia, NM**

Jackson EM Com. #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Apr-20-11 09:14	1 - 1 ft	414139-001
GS/Comp-002	S	Apr-20-11 09:32	1.5 - 1.5 ft	414139-002
GS/Comp-003	S	Apr-20-11 09:46	2 - 2 ft	414139-003



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Jackson EM Com. #1*



*Project ID: 30-015-21564*

*Work Order Number: 414139*

*Report Date: 28-APR-11*

*Date Received: 04/22/2011*

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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 Conformances and Comments:**

*Batch: LBA-853285 Anions by E300*

*Chloride %RPD in the Sample/Sample Duplicate is above the QC Limit.*



# Certificate of Analysis Summary 414139

Yates Petroleum Corporation, Artesia, NM

Project Name: Jackson EM Com. #1



Project Id: 30-015-21564

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Apr-22-11 09:58 am


Report Date: 28-APR-11

Project Manager: Brent Barron, II

<b>Analysis Requested</b>	<b>Lab Id:</b>	414139-001	414139-002	414139-003			
	<b>Field Id:</b>	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	<b>Depth:</b>	1-1 ft	1.5-1.5 ft	2-2 ft			
	<b>Matrix:</b>	SOIL	SOIL	SOIL			
	<b>Sampled:</b>	Apr-20-11 09:14	Apr-20-11 09:32	Apr-20-11 09:46			
<b>Anions by E300</b>	<b>Extracted:</b>						
	<b>Analyzed:</b>	Apr-22-11 13:42	Apr-22-11 13:42	Apr-22-11 13:42			
	<b>Units/RL:</b>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		121 9.10	92.0 4.64	56.5 4.65			
<b>Percent Moisture</b>	<b>Extracted:</b>						
	<b>Analyzed:</b>	Apr-22-11 15:00	Apr-22-11 15:00	Apr-22-11 15:00			
	<b>Units/RL:</b>	% RL	% RL	% RL			
Percent Moisture		7.73 1.00	9.44 1.00	9.59 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.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

  
Brent Barron, II  
Odessa Laboratory Manager



## Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to 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.
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- 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

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

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

Project Manager: Robert Asher

**Project Name: Jackson EM Com. #1**

Company Name Yates Petroleum Corporation

**Project #: 30-015-21564**

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](mailto: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: YatesDate/Time: 4-22-11 9:58Lab ID #: 414137/414139Initials: RM**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>	<u>No</u>		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	<u>Yes</u>	<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>	N/A	
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 2.1 °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