

MARTIN YATES, III  
1912-1985  
FRANK W. YATES  
1936-1986  
S.P. YATES  
1914-2008



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ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (575) 748-1471

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April 6, 2011

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

Re: New Mexico DB State Com. #1  
2RP-644  
30-015-23682  
Section 7, T19S-R24E  
Eddy County, New Mexico

Dear Mr. Bratcher,

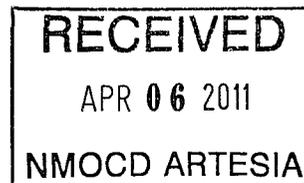
Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on March 1, 2011 (103 B/O & 3 B/ PW release with approximately 21 B/O & 0 B/PW recovered). Per the March 11, 2011, C-141, Initial Report submitted to your office, the impacted soils were excavated to a depth of four (4) feet and taken to an NMOCD approved facility. Vertical and horizontal delineation samples were taken on March 22, 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 480'). RRAL's based on the site ranking of 0, are below levels for BTEX (ppm) @ 50 and TPH (ppm) @ 5000, (chlorides are for documentation). Yates Petroleum Corporation requests closure based on the corrective actions taken and analytical results.

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

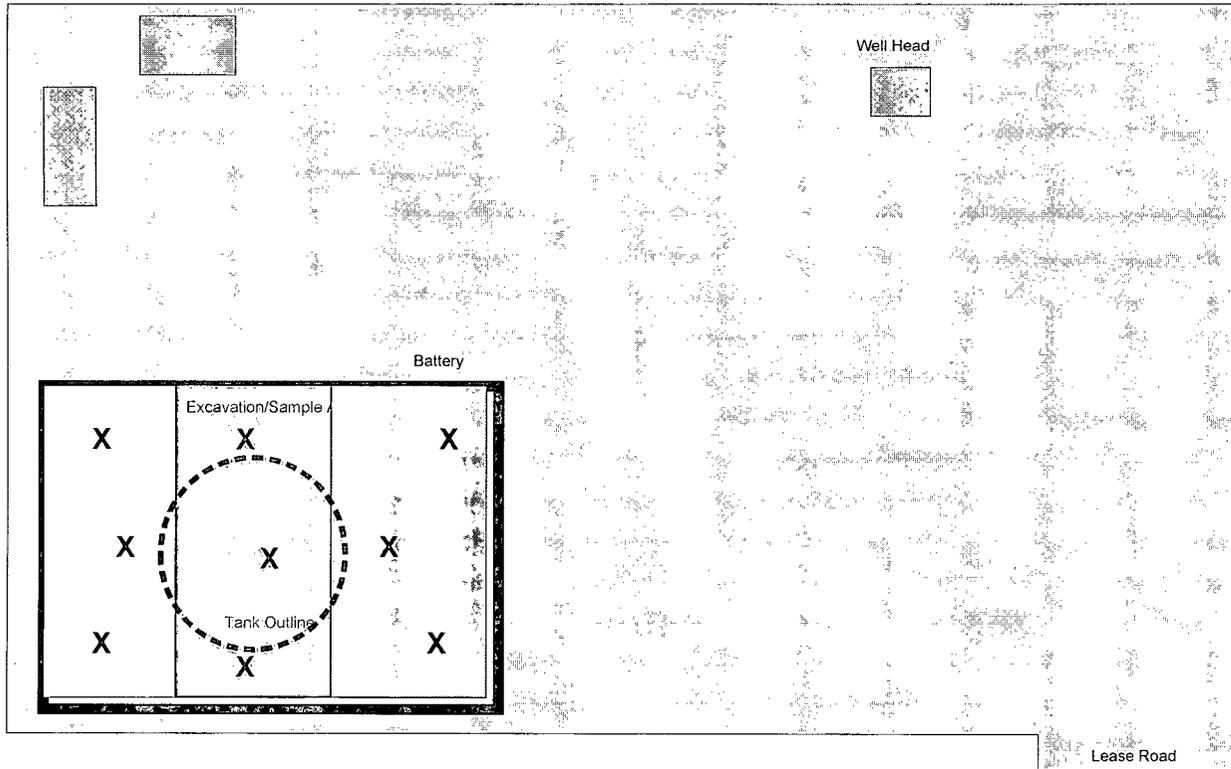
Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent



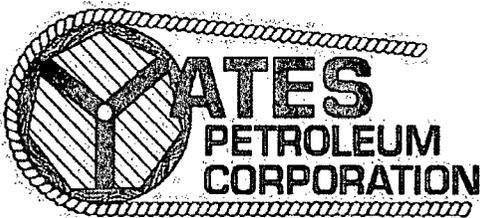
/rca  
Enclosure(s)



Analytical Report- 407075410840 &	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-04.0 W	West 1/3	3/22/2011	Comp/Shovel	4'	0.0459	45.2	24.2	69.4	40.7
Comp-04.0 C	Center 1/3	3/23/2011	Comp/Shovel	4'	2.0000	214	98.9	312.9	192
Comp-04.0 E	East 1/3	3/23/2011	Comp/Shovel	4'	1.0500	77.9	18.8	96.7	65.6

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 480', per NMOSE).

All results are ppm. Chlorides results are for documentation.



New Mexico DB  
State Com. #1  
  
30-015-23682  
  
Section 7, T19S-R24E  
  
Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 410840 & 410841  
Report Date: 3/29/2011

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 410840

## for Yates Petroleum Corporation

**Project Manager: Robert Asher**

**New Mexico DB State Com. # 1**

**30-015-23682**

**29-MAR-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)



29-MAR-11

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

Reference: XENCO Report No: **410840**  
**New Mexico DB State 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 410840. 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. 410840 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

**Brent Barron, II**

Odessa Laboratory Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.  
Certified and approved by numerous States and Agencies.  
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**Sample Cross Reference 410840**



**Yates Petroleum Corporation, Artesia, NM**  
New Mexico DB State Com. # 1

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
Comp-04.0 W	S	Mar-22-11 10:44	4 - 4 ft	410840-001
Comp-04.0 C	S	Mar-22-11 10:50	4 - 4 ft	410840-002
Comp-04.0 E	S	Mar-22-11 10:56	4 - 4 ft	410840-003



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: New Mexico DB State Com. # 1*



*Project ID: 30-015-23682*

*Work Order Number: 410840*

*Report Date: 29-MAR-11*

*Date Received: 03/24/2011*

---

**Sample receipt non conformances and Comments:**

None

---

**Sample receipt Non Conformances and Comments per Sample:**

None

**Analytical Non Conformances and Comments:**

Batch: LBA-849457 TPH By SW8015B Mod  
SW8015MOD\_NM

Batch 849457, C10-C28 Diesel Range Hydrocarbons, C6-C10 Gasoline Range Hydrocarbons recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 410840-002, -003, -001.

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

Batch: LBA-849483 BTEX by EPA 8021B  
SW8021BM

Batch 849483, m\_p-Xylenes RPD was outside QC limits.

Samples affected are: 410840-002, -003, -001

SW8021BM

Batch 849483, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 410840-003.

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

Samples affected are: 410840-002,410840-003.

SW8021BM

Batch 849483, Ethylbenzene, Toluene, m\_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 410840-002, -003, -001.

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



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*  
*Project Name: New Mexico DB State Com. # 1*



*Project ID: 30-015-23682*  
*Work Order Number: 410840*

*Report Date: 29-MAR-11*  
*Date Received: 03/24/2011*

---

*Batch: LBA-849610 BTEX by EPA 8021B*  
*SW8021BM*

*Batch 849610, 4-Bromofluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis*  
*Samples affected are: 410840-003.*



# Certificate of Analysis Summary 410840

Yates Petroleum Corporation, Artesia, NM

Project Name: New Mexico DB State Com. # 1



Project Id: 30-015-23682

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Thu Mar-24-11 10:10 am

Report Date: 29-MAR-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	410840-001	410840-002	410840-003			
	<i>Field Id:</i>	Comp-04.0 W	Comp-04.0 C	Comp-04.0 E			
	<i>Depth:</i>	4-4 ft	4-4 ft	4-4 ft			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Mar-22-11 10:44	Mar-22-11 10:50	Mar-22-11 10:56			
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	Mar-24-11 14:54	Mar-24-11 14:54	Mar-24-11 14:54			
	<i>Analyzed:</i>	Mar-27-11 18:33	Mar-27-11 18:56	Mar-27-11 19:18			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0.0010	0.00354 0.0010	0.00259 0.0010			
Toluene		0.00382 0.0020	0.0327 0.0021	0.0241 0.0021			
Ethylbenzene		0.00291 0.0010	0.0270 0.0010	0.140 0.0010			
m_p-Xylenes		0.00249 0.0020	0.0942 0.0021	0.0448 0.0021			
o-Xylenc		0.0367 0.0010	1.84 D 0.0204	0.835 D 0.0203			
Total Xylenes		0.0392 0.0010	1.93 D 0.0021	0.880 D 0.0021			
Total BTEX		0.0459 0.0010	2.00 D 0.0010	1.05 D 0.0010			
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Mar-24-11 17:00	Mar-24-11 17:00	Mar-24-11 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		1.91 1.00	1.86 1.00	1.87 1.00			
<b>TPH By SW8015B Mod</b>	<i>Extracted:</i>	Mar-24-11 11:30	Mar-24-11 11:30	Mar-24-11 11:30			
	<i>Analyzed:</i>	Mar-27-11 01:15	Mar-27-11 01:40	Mar-27-11 02:06			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		45.2 15.3	214 15.3	77.9 15.3			
C10-C28 Diesel Range Hydrocarbons		24.2 15.3	98.9 15.3	18.8 15.3			

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.

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Brent Barron, II  
Odessa Laboratory Manager



# Flagging Criteria

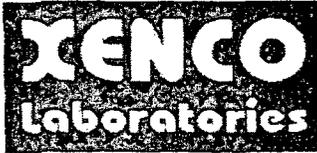
- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the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





**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: 3-24-11 10:10  
 Lab ID #: 410840 / 410841  
 Initials: AE

**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	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 <u>3.1</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 410841

for  
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**New Mexico DB State Com. # 1**

**30-015-23682**

**29-MAR-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)

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

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

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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)



29-MAR-11

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

Reference: XENCO Report No: **410841**  
**New Mexico DB State 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 410841. 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. 410841 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 410841**



**Yates Petroleum Corporation, Artesia, NM**  
New Mexico DB State Com. # 1

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
Comp-04.0 W	S	Mar-22-11 10:44	4 - 4 ft	410841-001
Comp-04.0 C	S	Mar-22-11 10:50	4 - 4 ft	410841-002
Comp-04.0 E	S	Mar-22-11 10:56	4 - 4 ft	410841-003



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: New Mexico DB State Com. # 1*



*Project ID: 30-015-23682*  
*Work Order Number: 410841*

*Report Date: 29-MAR-11*  
*Date Received: 03/24/2011*

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**Sample receipt non conformances and Comments:**

None

---

**Sample receipt Non Conformances and Comments per Sample:**

None



# Certificate of Analysis Summary 410841

Yates Petroleum Corporation, Artesia, NM

Project Name: New Mexico DB State Com. # 1



Project Id: 30-015-23682

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Thu Mar-24-11 10:10 am

Report Date: 29-MAR-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	410841-001	410841-002	410841-003			
	<i>Field Id:</i>	Comp-04.0 W	Comp-04.0 C	Comp-04.0 E			
	<i>Depth:</i>	4-4 ft	4-4 ft	4-4 ft			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Mar-22-11 10:44	Mar-22-11 10:50	Mar-22-11 10:56			
<b>Anions by E300</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Mar-25-11 16:52	Mar-25-11 16:52	Mar-25-11 16:52			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		40.7 21.4	192 8.56	65.6 8.56			
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Mar-24-11 17:00	Mar-24-11 17:00	Mar-24-11 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		1.91 1.00	1.86 1.00	1.87 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.
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  - 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.
  - U** Analyte was not detected.
  - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
  - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
  - K** Sample analyzed outside of recommended hold time.
  - JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- MDL** Method Detection Limit
- PQL** Practical Quantitation Limit
- \* Outside XENCO's scope of NELAC Accreditation.

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**XENCO Laboratories**  
 Atlanta, 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: 3-24-11 10:10  
 Lab ID #: 410840 / 410841  
 Initials: AE

**Sample Receipt Checkiist**

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	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 <u>3</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