

**Bratcher, Mike, EMNRD**

2AP-695

**From:** Amanda Trujillo [atrujillo@yatespetroleum.com]  
**Sent:** Thursday, June 17, 2010 3:26 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Jerry Fanning  
**Subject:** Greasewood BD Battery  
**Attachments:** Greasewood BD Battery(06-17-10 Final).pdf; 2010\_374797\_\_165859.pdf

Mr. Mike Bratcher:

Greasewood BD Battery #1      30-015-23011   S6 T19S R25E

Attached are the results from the final sampling on May 7, 2010. This location has a site ranking of zero, with depth to groundwater at approximately 375' per NMSEO. At this time we are requesting closure of this location, attached is the C-141 final and analyticals. Please feel free to call me with any questions or concerns.

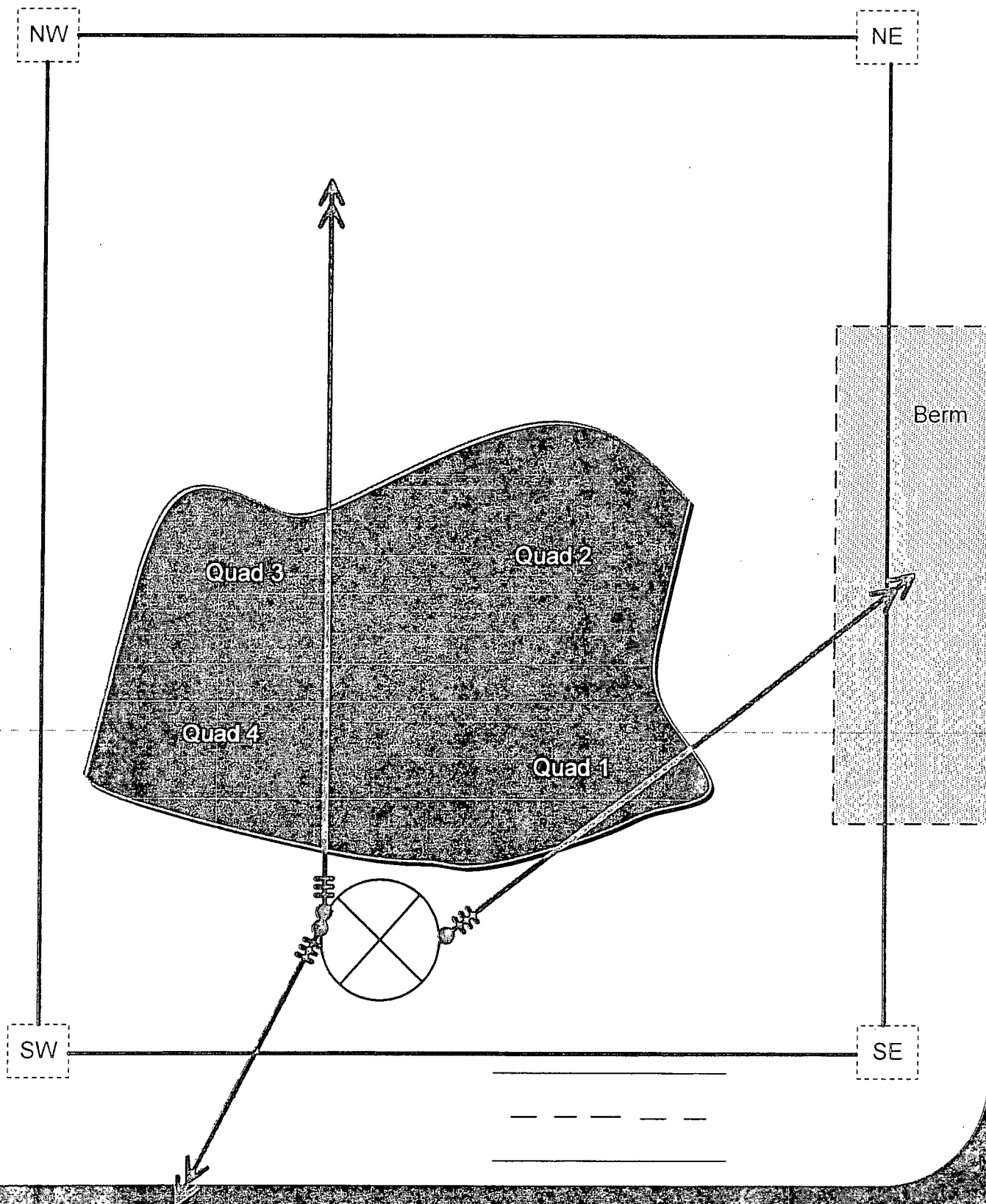
Thank you,

**Amanda N. Trujillo**  
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Yates Petroleum Corporation  
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# YATES PETROLEUM CORPORATION

Thursday, June 17, 2010

## Greasewood BD Battery Sampling Diagram



# Analytical Report 374797

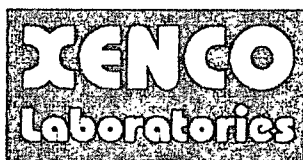
for

## Yates Petroleum Corporation

Project Manager: Amanda Trujillo

Greasewood BD Battery

04-JUN-10



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-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)

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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: FL00449):

Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)

North Carolina(444), Texas(T104704468-TX), Illinois(002295)



04-JUN-10

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

Reference: XENCO Report No: **374797**  
**Greasewood BD Battery**  
Project Address:

**Amanda Trujillo:**

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 374797. 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. 374797 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 374797



Yates Petroleum Corporation, Artesia, NM

Greasewood BD Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Greasewood Quad 1	S	May-27-10 11:00	6 In	374797-001
Greasewood Quad 2	S	May-27-10 11:00	6 In	374797-002
Greasewood Quad 3	S	May-27-10 11:00	6 In	374797-003
Greasewood Quad 4	S	May-27-10 11:00	6 In	374797-004



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Greasewood BD Battery*



*Project ID:*

*Work Order Number: 374797*

*Report Date: 04-JUN-10*

*Date Received: 05/28/2010*

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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-808636 Percent Moisture*

*None*

*Batch: LBA-808708 TPH by SW 8015B*

*None*

*Batch: LBA-808878 Inorganic Anions by EPA 300*

*None*

*Batch: LBA-809297 BTEX by EPA 8021*

*SW8021BM*

*Batch 809297, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.*

*Samples affected are: 374797-004, -002, -003, -001.*

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

*SW8021BM*

*Batch 809297, 1,4-Difluorobenzene recovered below QC limits. Matrix interferences is suspected; data not confirmed by re-analysis*

*Samples affected are: 374797-004.*



# Certificate of Analysis Summary 374797

Yates Petroleum Corporation, Artesia, NM

Project Name: Greasewood BD Battery



Project Id:

Contact: Amanda Trujillo

Project Location:

Date Received in Lab: Fri May-28-10 09:55 am


Report Date: 04-JUN-10

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	374797-001	374797-002	374797-003	374797-004		
	<i>Field Id:</i>	Greasewood Quad 1	Greasewood Quad 2	Greasewood Quad 3	Greasewood Quad 4		
	<i>Depth:</i>	6- In	6- In	6- In	6- In		
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	May-27-10 11:00	May-27-10 11:00	May-27-10 11:00	May-27-10 11:00		
<b>Anions in Soil By EPA 300.0</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jun-01-10 15:23	Jun-01-10 15:23	Jun-01-10 15:23	Jun-01-10 15:23		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		380 9.05	2440 44.1	3060 46.1	1570 47.6		
<b>BTEX by EPA 8021</b>	<i>Extracted:</i>	Jun-02-10 14:50	Jun-02-10 14:50	Jun-02-10 14:50	Jun-02-10 14:50		
	<i>Analyzed:</i>	Jun-04-10 07:19	Jun-04-10 07:41	Jun-04-10 08:04	Jun-04-10 08:27		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011		
Toluene		ND 0.0022	ND 0.0021	ND 0.0022	ND 0.0023		
Ethylbenzene		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011		
m,p-Xylenes		ND 0.0022	ND 0.0021	ND 0.0022	ND 0.0023		
o-Xylene		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011		
Xylenes, Total		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011		
Total BTEX		ND 0.0011	ND 0.0011	ND 0.0011	ND 0.0011		
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	May-29-10 09:14	May-29-10 09:14	May-29-10 09:14	May-29-10 09:14		
	<i>Units/RL:</i>	% RL	% RL	% RL	% RL		
Percent Moisture		7.16 1.00	4.85 1.00	8.88 1.00	11.7 1.00		
<b>TPH by SW 8015B</b>	<i>Extracted:</i>	May-28-10 12:45	May-28-10 12:45	May-28-10 12:45	May-28-10 12:45		
	<i>Analyzed:</i>	May-28-10 16:36	May-28-10 17:03	May-28-10 17:30	May-28-10 17:57		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons		ND 16.1	ND 15.7	ND 16.5	ND 17.0		
C10-C28 Diesel Range Hydrocarbons		38.5 16.1	133 15.7	819 16.5	ND 17.0		
Total TPH		38.5 16.1	133 15.7	819 16.5	ND 17.0		

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