

District I  
1625 N. French Dr., Hobbs, NM 88201  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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**AUG 23 2010**  
**HOBBSOCD**

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report     Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 <sup>TH</sup> Street	Telephone No. 575-748-1471	
Facility Name Bilbrey SWD #1	API Number 30-025-27620	Facility Type Battery
Surface Owner Federal	Mineral Owner Federal	Lease No. NM-105220

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	5	22S	32E	660	North	1980	East	Lea

Latitude 32.42597 Longitude 103.69426

**NATURE OF RELEASE**

Type of Release Produced Water	Volume of Release 30 B/PW	Volume Recovered 0 B/PW
Source of Release Water valve on pump	Date and Hour of Occurrence 6/18/2010 - AM	Date and Hour of Discovery 6/18/2010 - AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson, NMOCD District I	
By Whom? Robert Asher, Yates Petroleum Corporation	Date and Hour 6/18/2010 (Voice mail & E-mail)	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* A 1" water valve blew out on an 8" poly line. Vacuum truck called.		
Describe Area Affected and Cleanup Action Taken.* An approximate area of 125' X 12', inside berm and outside berm. Repairs made. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL a work plan will be submitted to the OCD. <b>Depth to Ground Water: &gt;100' (approx. 280', per the NM Office of the State Engineer); Wellhead Protection Area: No; Distance to Surface Water Body: &gt;1000'; SITE RANKING IS 0. Based on analytical results (below RRAL's for site ranking) and depth to ground water, Yates Petroleum Corporation is requesting closure.</b>		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Robert Asher	Approved by District Supervisor:	
Title: Environmental Regulatory Agent	Approval Date:	Expiration Date:
E-mail Address: boba@yatespetroleum.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Thursday, August 19, 2010      Phone: 575-748-4217	IRP-	

\* Attach Additional Sheets If Necessary

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 OPERATING OFFICER  
JOHN D. PERINI  
CHIEF FINANCIAL OFFICER

August 19, 2010

Mr. Larry Johnson  
NMOCD District I  
1625 French Drive  
Hobbs, NM 88240

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AUG 23 2010  
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RE: Bilbrey SWD #1  
30-025-27620  
Section 5, T22S-R32E  
Lea County, New Mexico

Dear Mr. Johnson,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on June 18, 2010 (30 bbls of produced water with 0 bbls of produced water recovered). The cause of the release was from a water valve failure on a 8" poly line. Samples were taken on July 20, 2010 and August 4, 2010; these were sent for analysis (TPH, BTEX and chlorides for documentation) at an NMOCD approved laboratory. The results for BTEX and Total TPH are below the RRAL's for the site ranking of zero (0) and depth to ground water is recorded at 280' per the New Mexico Office of the State Engineer. Based on enclosed analytical sampling results (analytical results for water from battery for chloride content are also enclosed) and depth to ground water, Yates Petroleum Corporation requests closure. **Please note that Yates Petroleum Corporation finds, based on analytical results that there is no correlation between the chloride content of the produced water from the battery and the chloride content in the soil samples.**

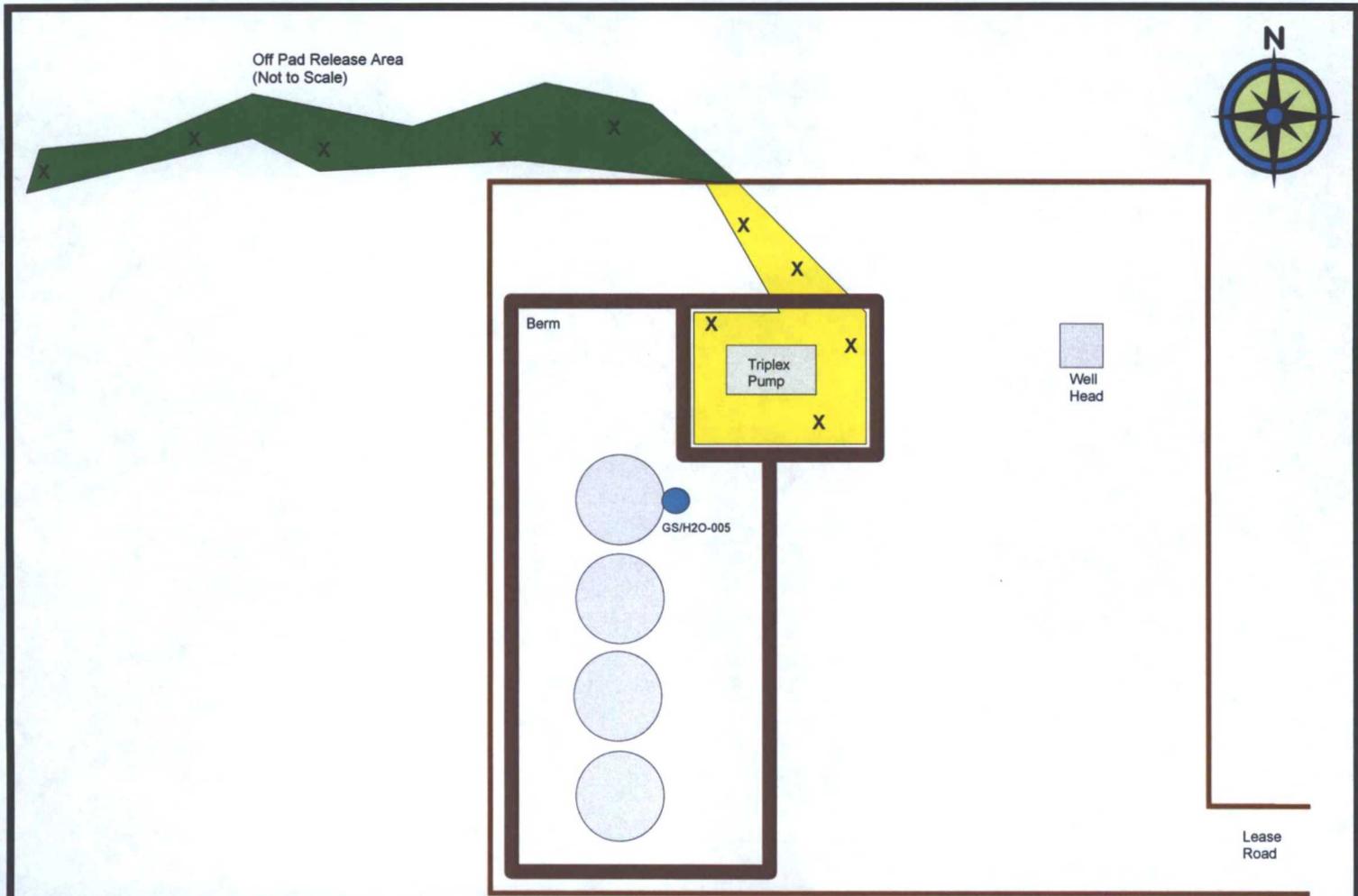
If you have any questions, please call me at 575-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent

/rca  
Enclosure(s)



Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-01.0-P	Pad	7/20/2010	Grab/Auger	12"	ND	ND	ND	ND	3160
Comp-02.0-P	Pad	7/20/2010	Grab/Auger	24"	ND	ND	ND	ND	122
Comp-03.0-P	Pad	7/20/2010	Grab/Auger	36"	ND	ND	ND	ND	336
Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-01.0-OP	Off Pad	7/20/2010	Grab/Auger	12"	ND	ND	ND	ND	8.01
Comp-02.0-OP	Off Pad	7/20/2010	Grab/Auger	24"	ND	ND	ND	ND	1120
Comp-03.0-OP	Off Pad	7/20/2010	Grab/Auger	36"	ND	ND	ND	ND	1120
Comp-04.0-OP	Off Pad	8/4/2010	Grab/Auger	48"					1150
Comp-05.0-OP	Off Pad	8/4/2010	Grab/Auger	60"					1330
Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/H2O-005	Battery Area	6/27/2007	Grab	N/A	ND	N/A	N/A	N/A	262000

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 280' per NMOSE).

All results are ppm. Chloride results are for documentation. X - Sample Points



Bilbrey SWD #1

30-025-27620

Section 5, T22S-R32E

Lea County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco: #285189, 7/6/2007

Xenco: #382769 & #382771, 8/5/2010

Xenco: #384451, 8/10/2010

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 384451

for

## Yates Petroleum Corporation

Project Manager: Robert Asher

Bilbrey SWD #1

30-025-27620

10-AUG-10

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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)

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: FL00449):

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

North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

10-AUG-10

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

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Reference: XENCO Report No: **384451**  
**Billbrey SWD #1**  
Project Address: Lea 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 384451. 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. 384451 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 384451**

**Yates Petroleum Corporation, Artesia, NM**

**Bilbrey SWD #1**

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
Comp-04.0-OP	S	Aug-04-10 10:34	4 ft	384451-001
Comp-05.0-OP	S	Aug-04-10 10:55	5 ft	384451-002



# CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Bilbrey SWD #1*



*Project ID: 30-025-27620*

*Work Order Number: 384451*

*Report Date: 10-AUG-10*

*Date Received: 08/05/2010*

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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-817728 Percent Moisture

None

Batch: LBA-818183 Anions in Soil By EPA 300.0

None

Project Id: 30-025-27620

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Thu Aug-05-10 10:35 am

Report Date: 10-AUG-10

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	384451-001	384451-002				
	<i>Field Id:</i>	Comp-04.0-OP	Comp-05.0-OP				
	<i>Depth:</i>	4- ft	5- ft				
	<i>Matrix:</i>	SOIL	SOIL				
	<i>Sampled:</i>	Aug-04-10 10:34	Aug-04-10 10:55				
<b>Anions in Soil By EPA 300.0</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Aug-09-10 17:57	Aug-09-10 17:57				
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL				
Chloride		1150 18.5	1330 22.3				
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Aug-06-10 08:37	Aug-06-10 08:37				
	<i>Units/RL:</i>	% RL	% RL				
Percent Moisture		9.36 1.00	6.04 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 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
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
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: 8-5-10 10:35  
 Lab ID #: 384451  
 Initials: BR / A

**Sample Receipt Checklist**

1. Samples on ice?	Blue	Water	<u>No</u>	
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?	Yes	No	<u>N/A</u>	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>23.0°C</u>	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 382771

for

## Yates Petroleum Corporation

**Project Manager: Robert Asher**

**Bilbrey SWD # 1**

**30-025-27620**

**30-JUL-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)

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: FL00449):

Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)  
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

30-JUL-10

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

Reference: XENCO Report No: **382771**  
**Bilbrey SWD # 1**  
Project Address: Lea 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 382771. 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. 382771 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 382771

Yates Petroleum Corporation, Artesia, NM

Bilbrey SWD # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-01.0-P	S	Jul-20-10 09:08	1 - 1 ft	382771-001
Comp-02.0-P	S	Jul-20-10 09:15	2 - 2 ft	382771-002
Comp-03.0-P	S	Jul-20-10 09:23	3 - 3 ft	382771-003
Comp-01.0-OP	S	Jul-20-10 09:52	1 - 1 ft	382771-004
Comp-02.0-OP	S	Jul-20-10 10:04	2 - 2 ft	382771-005
Comp-03.0-OP	S	Jul-20-10 10:15	3 - 3 ft	382771-006



# CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Bilbrey SWD # 1*



*Project ID: 30-025-27620*

*Work Order Number: 382771*

*Report Date: 30-JUL-10*

*Date Received: 07/23/2010*

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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-816016 Percent Moisture

None

Batch: LBA-816151 Anions in Soil By EPA 300.0

E300MI

Batch 816151, Chloride RPD is outside the QC limit. This is most likely due to sample non-homogeneity.

Samples affected are: 382771-001, -002, -005, -003, -004, -006.

E300MI

Batch 816151, Chloride recovered above QC limits in the Matrix Spike.

Samples affected are: 382771-001, -002, -005, -003, -004, -006.

# Certificate of Analysis Summary 382771

Yates Petroleum Corporation, Artesia, NM

Project Name: **Bilbrey SWD # 1**



Project Id: 30-025-27620

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri Jul-23-10 10:00 am

Report Date: 30-JUL-10

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	382771-001	382771-002	382771-003	382771-004	382771-005	382771-006
	<i>Field Id:</i>	Comp-01.0-P	Comp-02.0-P	Comp-03.0-P	Comp-01.0-OP	Comp-02.0-OP	Comp-03.0-OP
	<i>Depth:</i>	1-1 ft	2-2 ft	3-3 ft	1-1 ft	2-2 ft	3-3 ft
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Jul-20-10 09:08	Jul-20-10 09:15	Jul-20-10 09:23	Jul-20-10 09:52	Jul-20-10 10:04	Jul-20-10 10:15
<b>Anions in Soil By EPA 300.0</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jul-26-10 14:00					
	<i>Units/RL:</i>	mg/kg RL					
Chloride		3160 44.6	122 9.12	336 8.80	8.01 4.44	1120 23.4	1120 23.3
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jul-23-10 17:00					
	<i>Units/RL:</i>	% RL					
Percent Moisture		5.77 1.00	7.86 1.00	4.51 1.00	5.35 1.00	10.2 1.00	10.0 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 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 Laboratories**  
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 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: 7.23.10 10:00  
 Lab ID #: 382769 / 382771  
 Initials: JG / AL

**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 4.0°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 382769

for

## Yates Petroleum Corporation

**Project Manager: Robert Asher**

**Bilbery SWD # 1**

**30-025-27620**

**30-JUL-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)

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: FL00449):

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

North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

30-JUL-10

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

Reference: XENCO Report No: **382769**  
**Bilbery SWD # 1**  
Project Address: Lea 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 382769. 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. 382769 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 382769

Yates Petroleum Corporation, Artesia, NM

Bilbery SWD # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-01.0-P	S	Jul-20-10 09:08	1 - 1 ft	382769-001
Comp-02.0-P	S	Jul-20-10 09:15	2 - 2 ft	382769-002
Comp-03.0-P	S	Jul-20-10 09:23	3 - 3 ft	382769-003
Comp-01.0-OP	S	Jul-20-10 09:52	1 - 1 ft	382769-004
Comp-02.0-OP	S	Jul-20-10 10:04	2 - 2 ft	382769-005
Comp-03.0-OP	S	Jul-20-10 10:15	3 - 3 ft	382769-006



# CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*  
*Project Name: Bilbery SWD # 1*



*Project ID: 30-025-27620*  
*Work Order Number: 382769*

*Report Date: 30-JUL-10*  
*Date Received: 07/23/2010*

---

**Sample receipt non conformances and Comments:**

None

---

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

None

**Analytical Non Conformances and Comments:**

Batch: LBA-816016 Percent Moisture

None

Batch: LBA-816045 TPH by SW 8015B  
SW8015B\_NM

Batch 816045, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis

Samples affected are: 382769-005.

Batch: LBA-816669 BTEX by EPA 8021  
SW8021BM

Batch 816669, Benzene recovered below QC limits in the Matrix Spike. Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 382769-005, -001, -003, -002, -004, -006.

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

# Certificate of Analysis Summary 382769

Yates Petroleum Corporation, Artesia, NM

Project Name: Bilbery SWD # 1



Project Id: 30-025-27620

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri Jul-23-10 10:00 am

Report Date: 30-JUL-10

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	382769-001	382769-002	382769-003	382769-004	382769-005	382769-006
	<i>Field Id:</i>	Comp-01.0-P	Comp-02.0-P	Comp-03.0-P	Comp-01.0-OP	Comp-02.0-OP	Comp-03.0-OP
	<i>Depth:</i>	1-1 ft	2-2 ft	3-3 ft	1-1 ft	2-2 ft	3-3 ft
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Jul-20-10 09:08	Jul-20-10 09:15	Jul-20-10 09:23	Jul-20-10 09:52	Jul-20-10 10:04	Jul-20-10 10:15
<b>BTEX by EPA 8021</b>	<i>Extracted:</i>	Jul-24-10 15:45					
	<i>Analyzed:</i>	Jul-28-10 07:27	Jul-28-10 07:50	Jul-28-10 08:12	Jul-28-10 08:37	Jul-28-10 08:59	Jul-28-10 09:22
	<i>Units/RL:</i>	mg/kg RL					
Benzene		ND 0.0011	ND 0.0011	ND 0.0010	ND 0.0011	ND 0.0011	ND 0.0011
Toluene		ND 0.0021	ND 0.0022	ND 0.0021	ND 0.0021	ND 0.0022	ND 0.0022
Ethylbenzene		ND 0.0011	ND 0.0011	ND 0.0010	ND 0.0011	ND 0.0011	ND 0.0011
m,p-Xylenes		ND 0.0021	ND 0.0022	ND 0.0021	ND 0.0021	ND 0.0022	ND 0.0022
o-Xylene		ND 0.0011	ND 0.0011	ND 0.0010	ND 0.0011	ND 0.0011	ND 0.0011
Xylenes, Total		ND 0.0011	ND 0.0011	ND 0.0010	ND 0.0011	ND 0.0011	ND 0.0011
Total BTEX		ND 0.0011	ND 0.0011	ND 0.0010	ND 0.0011	ND 0.0011	ND 0.0011
<b>Percent Moisture</b>	<i>Extracted:</i>	Jul-23-10 17:00					
	<i>Analyzed:</i>	Jul-23-10 17:00					
	<i>Units/RL:</i>	% RL					
Percent Moisture		5.77 1.00	7.86 1.00	4.51 1.00	5.28 1.00	10.2 1.00	10.0 1.00
<b>TPH by SW 8015B</b>	<i>Extracted:</i>	Jul-23-10 14:30					
	<i>Analyzed:</i>	Jul-23-10 18:49	Jul-23-10 19:19	Jul-23-10 19:49	Jul-23-10 20:19	Jul-23-10 20:48	Jul-23-10 21:17
	<i>Units/RL:</i>	mg/kg RL					
C6-C10 Gasoline Range Hydrocarbons		ND 15.8	ND 16.3	ND 15.7	ND 15.8	ND 16.6	ND 16.6
C10-C28 Diesel Range Hydrocarbons		ND 15.8	ND 16.3	ND 15.7	ND 15.8	ND 16.6	ND 16.6
Total TPH		ND 15.8	ND 16.3	ND 15.7	ND 15.8	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.
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- RL** Reporting Limit
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**XENCO Laboratories**  
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 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: 7.23.10 10:00  
 Lab ID #: 382769 / 382771  
 Initials: JG / AL

**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>4.0</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 285189

for

**Yates Petroleum Corporation**

**RECEIVED**

AUG 23 2010

HOBBSOCD

**Project Manager: Robert Asher**

**Bilbrey SWD # 1**

**30-025-27620**

**06-JUL-07**



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

**A Xenco Laboratories Company**

NELAC certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



06-JUL-07

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

Reference: XENCO Report No: **285189**  
**Bilbrey SWD # 1**  
Project Address: Lea 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 285189. 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. 285189 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**

Odessa Laboratory Director

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**Sample Cross Reference 285189**



**Yates Petroleum Corporation, Artesia, NM**  
Bilbrey SWD # 1

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
GS/Comp-001	S	Jun-27-07 09:52		285189-001
GS/Comp-002	S	Jun-27-07 10:06		285189-002
GS/Comp-003	S	Jun-27-07 10:20		285189-003
GS/Comp-004	S	Jun-27-07 10:34		285189-004
GS/H2O-005	W	Jun-27-07 10:44		285189-005



# Certificate of Analysis Summary 285189

Yates Petroleum Corporation, Artesia, NM

Project Name: **Bilbrey SWD # 1**



Project Id: 30-025-27620

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri Jun-29-07 10:45 am

Report Date: 06-JUL-07

Project Manager: Brent Barron, II

<b>Analysis Requested</b>	<i>Lab Id:</i>					285189-005
	<i>Field Id:</i>					GS/H2O-005
	<i>Depth:</i>					
	<i>Matrix:</i>					WATER
	<i>Sampled:</i>					Jun-27-07 10:44
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>					
	<i>Analyzed:</i>					
	<i>Units/RL:</i>					
Benzene						
Toluene						
Ethylbenzene						
m,p-Xylenc						
o-Xylene						
Total Xylenes						
Total BTEX						
<b>Inorganic Anions by EPA 300</b>	<i>Extracted:</i>					Jul-03-07 14:14
	<i>Analyzed:</i>					mg/L RL
	<i>Units/RL:</i>					262000 5000
Chloride						
<b>Percent Moisture</b>	<i>Extracted:</i>					
	<i>Analyzed:</i>					
	<i>Units/RL:</i>					
Percent Moisture						
<b>TPH by SW 8015B</b>	<i>Extracted:</i>					
	<i>Analyzed:</i>					
	<i>Units/RL:</i>					
C6-C10 Gasoline Range Hydrocarbons						
C10-C28 Diesel Range Hydrocarbons						

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  
 Odessa Laboratory Director



## 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.
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- K** Sample analyzed outside of recommended hold time.

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(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



**Environmental Lab of Texas**  
Variance/ Corrective Action Report- Sample Log-In

Client: lates  
 Date/ Time: 6/29/07 10:45  
 Lab ID #: 205189  
 initials: al

**Sample Receipt Checklist**

			Client Initials	
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>10</u> °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#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	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELOT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	<u>Yes</u>	No	Not Applicable
#20	VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable

**Variance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that Apply:
- See attached e-mail/ fax
  - Client understands and would like to proceed with analysis
  - Cooling process had begun shortly after sampling event