

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

JOHN A. YATES  
CHAIRMAN OF THE BOARD  
PRESIDENT

DAVID LANNING  
CHIEF OPERATING OFFICER

DEC 15 2008  
OCD-ARTESIA

December 11, 2008

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

Re: Texaco State BJ #1  
2RP-274  
30-015-20649  
Section 36, T18S-R30E  
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 October 28, 2008 (5 B/O & 15 B/ PW release with approximately 5 B/O & 15 B/PW recovered). Per the November 11, 2008 C-141, Initial Report submitted to your office, soils were excavated and taken to an OCD approved facility. Vertical and horizontal delineation samples were taken on 12/3/2008 and sent to an OCD approved laboratory. Enclosed are the analytical reports and sample diagram. Site ranking is zero (0), with the depth to ground water >100' (approximately 175'). RRAL's based on the site ranking of 0, BTEX (ppm) @ 50 and TPH (ppm) @ 5000, (chlorides are for reference purposes) sample results are within these limits. Yates Petroleum Corporation requests closure based on the corrective actions taken and analytical results. Upon approval of the C-141, the excavation will be backfilled with clean, native soils.

If you have any questions, please call me at 505-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent

/rca  
Enclosure(s)

District I  
1625 N French Dr., Hobbs, NM 88240  
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

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

DEC 15 2008  
OCD-ARTESIA

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 Texaco State BJ #1	API Number 30-015-20649	Facility Type Battery
		Order Number 2RP-
Surface Owner State	Mineral Owner State	Lease No. B-1565

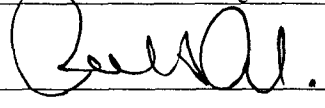
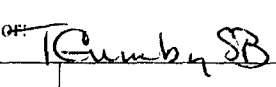
LOCATION OF RELEASE

Unit Letter F	Section 36	Township 18S	Range 30E	Feet from the 1980	North/South Line North	Feet from the 1980	East/West Line West	County Eddy
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Latitude 32.27090 Longitude 104.42270

NATURE OF RELEASE

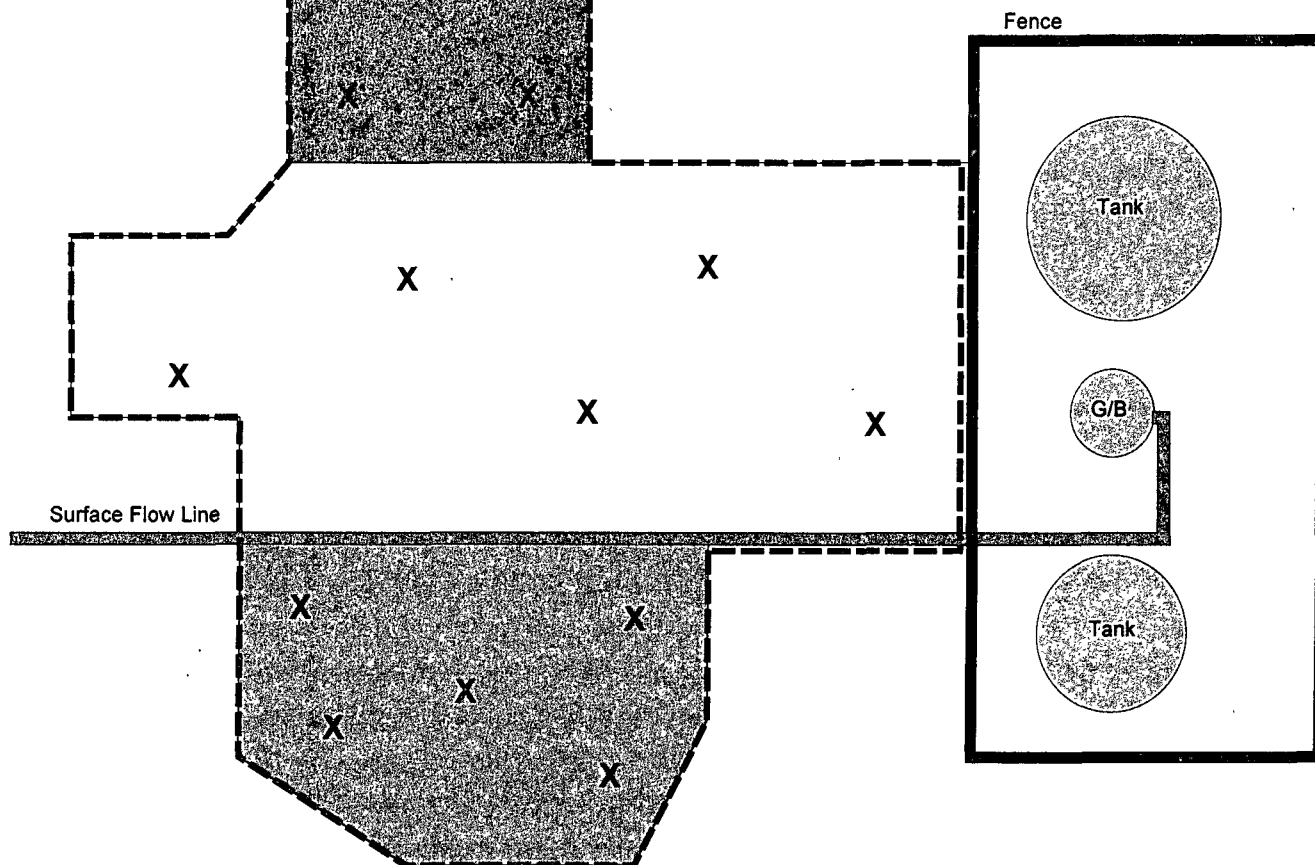
Type of Release Oil & Produced Water	Volume of Release 5 B/O & 15 B/PW	Volume Recovered 5 B/O & 15 B/PW
Source of Release Gun Barrel	Date and Hour of Occurrence 10/28/2008 - PM	Date and Hour of Discovery 10/28/2008 - PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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.* Cows broke water leg on gun barrel causing release. Vacuum truck called.		
Describe Area Affected and Cleanup Action Taken.* An approximate area of 30' X 25', outside of battery. Vacuum truck recovered oil and produced water. Impacted soils to be excavated and taken to an OCD approved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX. 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. Depth to Ground Water: >100' (approx. 175'); Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 0. Yates Petroleum Corporation requests closure based on impacted soils excavated and analytical results are below RRAL's for the site ranking.		
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: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Approved by District Supervisor: 	
Title: Environmental Regulatory Agent	Approval Date: 1-2-09	Expiration Date: N/A
E-mail Address: boba@ypcnm.com	Conditions of Approval: N/A	Attached <input type="checkbox"/> N/A
Date: Thursday, December 11, 2008	Phone: 575-748-4217	

\* Attach Additional Sheets If Necessary

2RP-274

Release/Sample Area  
(shaded green, yellow and red).  
Impacted soils were excavated  
to an approximate average depth of 18"



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-001	12/3/2008	Grab/Composite	3"-6"	ND	ND	429	429	171
GS/Comp-002	12/3/2008	Grab/Composite	3"-6"	0.0137	90.3	1090	1180.3	148
GS/Comp-003	12/3/2008	Grab/Composite	3"-6"	ND	ND	544	544	296

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 175'). All results are ppm.

X - indicate sample points.

----- - outline of total excavation area

Chloride results are for reference purposes. Because of a rock subsurface approximately 24" below ground surface, deeper delineation was not possible.



Texaco State BJ #1  
Section 36, T18S-R30E  
Eddy County, NM

Sample Diagram  
(Not to Scale)

Prepared by Robert Asher  
Environmental Regulatory Agent  
December 11, 2008

# **Analytical Report 319440**

**for**

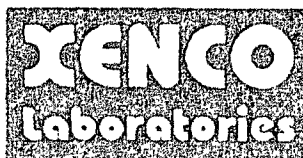
## **Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**Texaco State BJ # 1**

**30-015-20649**

**10-DEC-08**



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

**Texas certification numbers:**

**Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX**

**Florida certification numbers:**

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

**Norcross(Atlanta), GA E87429**

**South Carolina certification numbers:**

**Norcross(Atlanta), GA 98015**

**North Carolina certification numbers:**

**Norcross(Atlanta), GA 483**

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

**Midland - Corpus Christi - Atlanta**



10-DEC-08

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

Reference: XENCO Report No: **319440**  
**Texaco State BJ # 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 319440. 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. 319440 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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*Certified and approved by numerous States and Agencies.*

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## Sample Cross Reference 319440



Yates Petroleum Corporation, Artesia, NM  
Texaco State BJ # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Dec-03-08 10:50	3 - 6 In	319440-001
GS/Comp-002	S	Dec-03-08 11:02	3 - 6 In	319440-002
GS/Comp-003	S	Dec-03-08 11:14	3 - 6 In	319440-003



# Certificate of Analysis Summary 319440

Yates Petroleum Corporation, Artesia, NM

Project Name: Texaco State BJ # 1



Project Id: 30-015-20649

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Thu Dec-04-08 12 00 pm


Report Date: 10-DEC-08

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	319440-001	319440-002	319440-003			
	<i>Field Id:</i>	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	<i>Depth:</i>	3-6 In	3-6 In	3-6 In			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Dec-03-08 10 50	Dec-03-08 11 02	Dec-03-08 11 14			
<b>BTEX by EPA 8021B</b>	<i>Extracted:</i>	Dec-05-08 12 15	Dec-05-08 12 15	Dec-05-08 12 15			
	<i>Analyzed:</i>	Dec-05-08 22 53	Dec-05-08 23 16	Dec-05-08 23 40			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0 0010	ND 0 0010	ND 0 0010			
Toluene		ND 0 0020	0 0027 0 0020	ND 0 0020			
Ethylbenzene		ND 0 0010	0 0070 0 0010	ND 0 0010			
m,p-Xylenes		ND 0 0020	0 0024 0 0020	ND 0 0020			
o-Xylene		ND 0 0010	0 0016 0 0010	ND 0 0010			
Total Xylenes		ND 0 0020	0 004 0 0020	ND 0 0020			
Total BTEX		ND 0 0010	0 0137 0 0010	ND 0 0010			
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-04-08 17 00	Dec-04-08 17 00	Dec-04-08 17 00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		1 92 1 00	1 71 1 00	1 91 1 00			
<b>TPH By SW8015B Mod</b>	<i>Extracted:</i>	Dec-08-08 14 30	Dec-08-08 14 30	Dec-08-08 14 30			
	<i>Analyzed:</i>	Dec-10-08 02 58	Dec-10-08 03 21	Dec-10-08 03 45			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		ND 76 5	90 3 76 3	ND 76 5			
C10-C28 Diesel Range Hydrocarbons		429 76 5	1090 76 3	544 76 5			
Total TPH		429 76 5	1180 3 76 3	544 76 5			

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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

  
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.
- 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.

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4143 Greenbriar Dr, Stafford, Tx 77477  
9701 Harry Hines Blvd , Dallas, TX 75220  
5332 Blackberry Drive, San Antonio TX 78238  
2505 North Falkenburg Rd, Tampa, FL 33619  
5757 NW 158th St, Miami Lakes, FL 33014  
12600 West I-20 East, Odessa, TX 79765  
842 Cantwell Lane, Corpus Christi, TX 78408

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



**CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST**

12600 West I-20 East      Phone 432-563-1800  
Odessa, Texas 79765      Fax 432-563-1713

Lab use only

ORDER # 319440 / 319449

Special Instructions				TPH: 8015B, BTEX 8021B & Chlorides. Please show BTEX results as mg/kg				Thank you			
Reinquired by	Date	Time	Received by	Date	Time	Time	Time	Laboratory Comments: Sample Containers Intact? VOCs Free of Petrolspills? Labels on Containers? Custody seals on container(s) Custody seals on cooler(s) Sample Hand Delivered by Sample/Cient Rep ? Date: 11/11/03 Time: 10:45 AM Temperature Upon Receipt: 15 °C			
Reinquired by	Date	Time	Received by	Date	Time	Time	Time				
Reinquired by	Date	Time	Received by	Date	Time	Time	Time				
Reinquired by	Date	Time	Received by	Date	Time	Time	Time				
Reinquired by	Date	Time	Received by	Date	Time	Time	Time				

Laboratory Comments:  
 Sample Containers Intact?  
 VOCs Free of Headspace?  
 Labels on container(s)  
 Custody seals on container(s)  
 Custody seals on cooler(s)  
 Sample Hand Delivered  
 by Sampler/Client Rep?  
 DHL  
 UPS  
 402,9435  
 Temperature Upon Receipt  
 15 °C  
 N N N N N N N N  
 Y Y Y Y Y Y Y Y  
 (EAST) Lone Star

[illegible]

Thank you	Date	Date	Date
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mg/kg			
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results as			
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BTEX re			
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Case show				
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es. Ple

. Chloride

8021B &	Time	Time	Time
	32 PM		

te	1	
te		
te		

H: 8015E			
	Da	12/03	
	Da		
	Da		

TP	PC
----	----

\_\_\_\_\_

Instructions	by	by	by
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Special Ins  
Relinquished  
Robert Ashe  
Relinquished  
Relinquished

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

Client Kites  
Date/ Time 12:00 12:00  
Lab ID # 311440 / 311441  
Initials RL

**Sample Receipt Checklist**

				Client Initials	
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	-52 °C	
#2	Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#3	Custody Seal's intact on shipping container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#4	Custody Seal's intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#5	Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#11	Containers supplied by ELOT?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#13	Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#14	Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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

# **Analytical Report 319449**

**for**

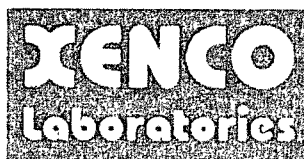
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**Texaco State BJ # 1**

**30-015-20649**

**08-DEC-08**



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

**Texas certification numbers:**

**Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX**

**Florida certification numbers:**

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

**Norcross(Atlanta), GA E87429**

**South Carolina certification numbers:**

**Norcross(Atlanta), GA 98015**

**North Carolina certification numbers:**

**Norcross(Atlanta), GA 483**

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

**Midland - Corpus Christi - Atlanta**



08-DEC-08

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

Reference: XENCO Report No: **319449**  
**Texaco State BJ # 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 319449. 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. 319449 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 319449



Yates Petroleum Corporation, Artesia, NM

Texaco State BJ # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Dec-03-08 10:50	3 - 6 In	319449-001
GS/Comp-002	S	Dec-03-08 11:02	3 - 6 In	319449-002
GS/Comp-003	S	Dec-03-08 11:14	3 - 6 In	319449-003



# Certificate of Analysis Summary 319449

Yates Petroleum Corporation, Artesia, NM

Project Name: Texaco State BJ # 1



Project Id: 30-015-20649

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Thu Dec-04-08 12 00 pm


Report Date: 08-DEC-08

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	319449-001	319449-002	319449-003			
	<i>Field Id:</i>	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	<i>Depth:</i>	3-6 In	3-6 In	3-6 In			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Dec-03-08 10 50	Dec-03-08 11 02	Dec-03-08 11 14			
<b>Anions by EPA 300</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-05-08 11 32	Dec-05-08 11 32	Dec-05-08 11 32			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		171 5 10	148 5 09	296 5 10			
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Dec-04-08 17 00	Dec-04-08 17 00	Dec-04-08 17 00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		1 92 1 00	1 71 1 00	1 91 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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

  
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.
- 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.

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*Certified and approved by numerous States and Agencies.*

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(361) 884-0371	(361) 884-9116

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Project Name: Texaco State BJ #1

Project #: 30-015-20649

Project Loc: Eddy County

PQ #: 105632

Report Format    ☒ Standard    ☐ TRRP    ☐ NPDES

LAB # (lab use only)		1CLP		TOTAL		1CLP		TOTAL		1CLP		TOTAL		1CLP		TOTAL		1CLP		TOTAL									
ORDER #: 319440 / 319449		Preservation & # of Containers		Matrix		TPH 8015B		BTEX 8021B		Chlorides		TPH 8015B		BTEX 8021B		Chlorides		TPH 8015B		BTEX 8021B									
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	None	Other (Specify)	Dry-Downing Water, S. = Sulfate	Gr. = Groundwater, Below Solid	Unlabeled Plastic	Specify Other:	TPH 8015B	BTEX 8021B	Chlorides	TPH 8015B	BTEX 8021B	Chlorides	TPH 8015B	BTEX 8021B	Chlorides	
01	GS/Comp-001	3"	6"	12/3/2008	10 50 AM	1	X													X	X	X	X	X	X	X	X	X	
02	GS/Comp-002	3"	6"	12/3/2008	11 02 AM	1	X													X	X	X	X	X	X	X	X	X	
03	GS/Comp-003	3"	6"	12/3/2008	11 14 AM	1	X													X	X	X	X	X	X	X	X	X	
PLEASE PUT CHLORIDE RESULTS																													
ON SEPARATE REPORT																													
Special Instructions.		TPH 8015B, BTEX 8021B & Chlorides Please show BTEX results as mg/kg. Thank you																		Laboratory Comments. Sample Containers Intact? VOC's Free of Headspace? Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) Sample Hand Delivered by Sampler/Client Rep ? by Courier? UPS DHT Temperature Upon Receipt									
Reinquisitioned by	Date	Time	Received by	Date	Time																								
Robert Asher	12/3/08	1 32 PM	Received by																										
Reinquisitioned by	Date	Time	Received by	Date	Time																								
Reinquisitioned by	Date	Time	Received by	Date	Time																								
Reinquisitioned by	Date	Time	Received by	Date	Time																								



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

Client WHS  
Date/ Time 12/4/08 12:00  
Lab ID # 31440 / 31441  
Initials EL

**Sample Receipt Checklist**

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