



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pPAC0725448533

1RP - 1548

YATES PETROLEUM CORPORATION

3/14/2016

MAR 14 2016

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

RECEIVED

DEC 31 2009
HOBBSOC

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 TH Street		Telephone No. 505-748-1471
Facility Name Livingston Ridge Water System	API Number	Facility Type Pipeline
		Order Number 1RP-1548
Surface Owner State	Mineral Owner State	Lease No.

LOCATION OF RELEASE

Unit Letter N	Section 2	Township 23S	Range 32E	Feet from the 100	North/South Line South	Feet from the 1500	East/West Line West	County Lea
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Latitude 32.32643 Longitude 103.64885

NATURE OF RELEASE

Type of Release Crude Oil & Produced Water	Volume of Release 5 B/O & 2000 B/PW	Volume Recovered 0 B/O & 0 B/PW
Source of Release Pipeline	Date and Hour of Occurrence 8/12/2007 - AM	Date and Hour of Discovery 8/12/2007 - AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Patricia Richards, NMOCD - District I	
By Whom? Robert Asher, Yates Petroleum Corporation	Date and Hour Telephone - 8/13/2007 @ 8:25 AM; Email - 8/13/2007 @ 8:33 AM	
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		

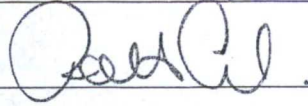
Describe Cause of Problem and Remedial Action Taken.*

A 6" water line ruptured inside valve box. All wells and pumps associated with water line shut down. Crew called to address problem with line, equipment called to cleanup area affected.

Describe Area Affected and Cleanup Action Taken.*

An approximate area of 250' X 350'. Contaminated soils to be excavated and taken to an OCD approved land disposal facility. Vertical and horizontal delineation will be conducted. Approximate chloride content of water is 162,000 ppm. **Depth to Ground Water: >100' (approximately 500' per trend map); Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 0.** Please note: There is no correlation between chloride content of water released and content of chlorides in the sample results for reference purposes. With enclosed information (analytical results indicate BTEX and TPH are below RRAL's for the site ranking per OCD Guidelines), Yates Petroleum Corporation requests closure.

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:	Expiration Date:	
E-mail Address: boba@ypcnm.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: Thursday, December 13, 2007	Phone: 505-748-1471		

* Attach Additional Sheets If Necessary



Buried Pipeline

Release Area

Buried Pipeline

Sample Key

- X 10/23/2007 Samples
- 12/4/2007 Samples
- Valve Box (Release Point)

Amanda AMN Federal #1
Battery

Sample ID	Sample Date	Sample Type	Depth	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)	Chlorides
GS/Comp-001	10/23/2007	Grab/Auger	1'	0.2195	ND	183	183	2820
GS/Comp-002	10/23/2007	Grab/Auger	3'	0.0467	ND	32.5	32.5	12300
GS/4.0-001	12/4/2007	Grab/Drill	4'					6810
GS/5.0-002	12/4/2007	Grab/Drill	5'					8510
GS/Comp-003	10/23/2007	Grab/Auger	1'	0.0046	ND	ND	ND	323
GS/Comp-004	10/23/2007	Grab/Auger	3'	0.0043	ND	31.7	31.7	9000
GS/4.0-003	12/4/2007	Grab/Drill	4'					20800
GS/5.0-004	12/4/2007	Grab/Drill	5'					21300
GS/Comp-005	10/23/2007	Grab/Auger	1'	0.0028	ND	30.7	30.7	2230
GS/Comp-006	10/23/2007	Grab/Auger	3'	0.0016	ND	25.5	25.5	16100
GS/4.0-005	12/4/2007	Grab/Drill	4'					7230
GS/5.0-006	12/4/2007	Grab/Drill	5'					7230
GS/Comp-007	10/23/2007	Grab/Auger	1'	0.0011	ND	18.4	18.4	706
GS/Comp-008	10/23/2007	Grab/Auger	3'	ND	ND	22.1	22.1	13300
GS/4.0-007	12/4/2007	Grab/Drill	4'					11100
GS/5.0-008	12/4/2007	Grab/Drill	5'					12800

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 510'). All results are ppm.



Livingston Ridge Water System

Section 2, T23S-R32E

Lea County, NM

**EXHIBIT 1
Sample Diagram
(Not to Scale)**

**Prepared by Robert Asher
Environmental Regulatory Agent
December 7, 2007**

Analytical Report 291781

for

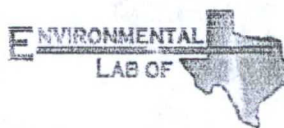
Yates Petroleum Corporation

Project Manager: Robert Asher

Livingston Ridge Water System

1RP-1584

30-OCT-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

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



30-OCT-07

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

Reference: XENCO Report No: **291781**
Livingston Ridge Water System
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 291781. 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. 291781 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

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 291781

Yates Petroleum Corporation, Artesia, NM

Livingston Ridge Water System

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Oct-23-07 10:27	1 - 1 ft	291781-001
GS/Comp-002	S	Oct-23-07 10:44	3 - 3 ft	291781-002
GS/Comp-003	S	Oct-23-07 11:04	1 - 1 ft	291781-003
GS/Comp-004	S	Oct-23-07 11:26	3 - 3 ft	291781-004
GS/Comp-005	S	Oct-23-07 11:53	1 - 1 ft	291781-005
GS/Comp-006	S	Oct-23-07 12:10	3 - 3 ft	291781-006
GS/Comp-007	S	Oct-23-07 12:35	1 - 1 ft	291781-007
GS/Comp-008	S	Oct-23-07 12:49	3 - 3 ft	291781-008



Certificate of Analysis Summary 291781

Yates Petroleum Corporation, Artesia, NM

Project Id: IRP-1584
Contact: Robert Asher
Project Location: Lea County

Date Received in Lab: Wed Oct-24-07 10:10 am
Report Date: 30-OCT-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		291781-001		291781-002		291781-003		291781-004		291781-005		291781-006	
	Field Id:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units:	RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL
BTEX by EPA 8021B														
Percent Moisture														
TPH by SW 8015B														
Total Chloride by EPA 325.3														

This analytical report and the entire data package it represents, has been made for your exclusive and confidential use. The interpretation and results expressed throughout this analytical report represent the best judgment of XESCO Laboratories. XESCO Laboratories assumes no responsibility and makes no warranty to the end user 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



Certificate of Analysis Summary 291781

Yates Petroleum Corporation, Artesia, NM

Project Name: Livingston Ridge Water System

Project Id: IRP-1584
Contact: Robert Asher
Project Location: Lea County

Date Received in Lab: Wed Oct-24-07 10:10 am
Report Date: 30-OCT-07
Project Manager: Brent Barron, II

Analysis Requested		Lab Id:	291781-007	291781-008	
		Field Id:	GS/Comp-007	GS/Comp-008	
		Depth:	1-1 ft	3-3 ft	
		Matrix:	SOIL	SOIL	
		Sampled:	Oct-23-07 12:35	Oct-23-07 12:49	
BTEX by EPA 8021B	Extracted:	Oct-24-07 15:39	Oct-24-07 15:39		
	Analyzed:	Oct-24-07 22:05	Oct-24-07 22:22		
	Units RL:	mg/kg RL	mg/kg RL		
	Benzene	ND 0.0010	ND 0.0010	ND 0.0011	
	Toluene	ND 0.0010	ND 0.0010	ND 0.0011	
Percent Moisture	Ethylbenzene	0.0011 0.0010	0.0011 0.0010	ND 0.0011	
	m,p-Xylene	ND 0.0021	ND 0.0022	ND 0.0022	
	o-Xylene	ND 0.0010	ND 0.0011	ND 0.0011	
	Total Xylenes	ND	ND	ND	
Total BTEX		0.0011	ND	ND	
TPH by SW 8015B	Extracted:	Oct-24-07 11:10	Oct-24-07 11:10		
	Analyzed:	% RL	% RL		
	Units RL:	3.63 1.00	5.01 1.00		
C6-C10 Gasoline Range Hydrocarbons	Extracted:	Oct-26-07 11:45	Oct-26-07 11:45		
	Analyzed:	Oct-29-07 13:37	Oct-29-07 14:03		
	Units RL:	mg/kg RL	mg/kg RL		
	C10-C28 Diesel Range Hydrocarbons	ND 15.6	ND 16.5	ND 16.5	
Total TPH		18.4 15.6	22.1 16.5		
		18.4	22.1		
Total Chloride by EPA 325.3		Oct-25-07 10:13	Oct-25-07 10:13		
	Extracted:	mg/kg RL	mg/kg RL		
	Analyzed:	706 5.19	13,300 5.50		
	Units RL:				
	Chloride				

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Brent Barron
Odessa Laboratory Director

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

Client: Yates
Date/ Time: 10-24-07 10:10
Lab ID #: 291781
Initials: CIL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	3.5 °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	<u>Not Applicable</u>
#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

Analytical Report 294088

for

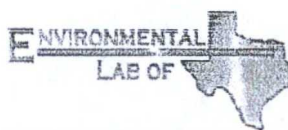
Yates Petroleum Corporation

Project Manager: Robert Asher

Livingston Ridge Water System

1RP-1584

07-DEC-07



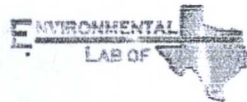
12600 West I-20 East Odessa, Texas 79765

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Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

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



07-DEC-07

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

Reference: XENCO Report No: **294088**
Livingston Ridge Water System
Project Address: Lea County

Robert Asher:

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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,

A handwritten signature in black ink, appearing to read "Brent Barron, II", written over a horizontal line.

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 294088

Yates Petroleum Corporation, Artesia, NM
Livingston Ridge Water System

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/4.0-001	S	Dec-04-07 09:32	4' - 4'	294088-001
GS/5.0-002	S	Dec-04-07 09:45	5' - 5'	294088-002
GS/4.0-003	S	Dec-04-07 09:59	4' - 4'	294088-003
GS/5.0-004	S	Dec-04-07 10:05	5' - 5'	294088-004
GS/4.0-005	S	Dec-04-07 12:42	4' - 4'	294088-005
GS/5.0-006	S	Dec-04-07 12:46	5' - 5'	294088-006
GS/4.0-007	S	Dec-04-07 12:59	4' - 4'	294088-007
GS/5.0-008	S	Dec-04-07 13:06	5' - 5'	294088-008



Certificate of Analysis Summary 294088

Yates Petroleum Corporation, Artesia, NM

Project Name: Livingston Ridge Water System

Project Id: 1RP-1584

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Thu Dec-06-07 10:00 am


Report Date: 07-DEC-07

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	Lab Id:	294088-001	294088-002	294088-003	294088-004	294088-005	294088-006
	Field Id:	GS/4 0-001	GS/5 0-002	GS/4 0-003	GS/5 0-004	GS/4 0-005	GS/5 0-006
	Depth:	4'-4"	5'-5"	4'-4"	5'-5"	4'-4"	5'-5"
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Dec-04-07 09:32	Dec-04-07 09:45	Dec-04-07 09:59	Dec-04-07 10:05	Dec-04-07 12:42	Dec-04-07 12:46
Total Chloride by EPA 325.3	Extracted:						
	Analyzed:	Dec-06-07 12:09	Dec-06-07 12:09	Dec-06-07 12:09	Dec-06-07 12:09	Dec-06-07 12:09	Dec-06-07 12:09
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		6310 5.00	8510 5.00	20800 5.00	21300 5.00	7230 5.00	7230 5.00

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Brent Barron
Odessa Laboratory Director



Certificate of Analysis Summary 294088

Yates Petroleum Corporation, Artesia, NM

Project Name: Livingston Ridge Water System

Project Id: IRP-1584

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Thu Dec-06-07 10:00 am


Report Date: 07DEC-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:				Project Manager: Brent Barron, II			
	Field Id:	Depth:	Matrix:	Sampled:	294088-007	294088-008		
Total Chloride by EPA 325.3	GS/4,0-007	4'-4"	SOIL	Dec-04-07 12:59	Dec-05-07 12:09	Dec-06-07 12:09		
	mg/kg	11100	5.00	RL	mg/kg	12300	5.00	RL
	Units RL:							
Chloride								

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Brent Barron
Odessa Laboratory Director

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phon: 432-553-1800
Fax: 432-553-1713

Project Name: Livingston Ridge Water System

0
0
0
0
0

Project Loo: Lee County

215217 400

Report Form #1
Landing

0001-8708/97/0005-0000\$05.00/0

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1000

$$\frac{d^2 \mathbf{r}}{dt^2} = -\frac{GM}{r^3} \mathbf{r}$$

Abstract

(24)

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Figure 1

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Figure 1

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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Nates Petroleum Corp.

17 July 1950

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12. Qual

Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	Yes	No	2.5 °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 ELOT?	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

Check all that Apply

- ☐ See attached e-mail fax
- ☐ Client understands and would like to proceed with analysis
- ☒ Cooling project had begun shortly after sampling event