

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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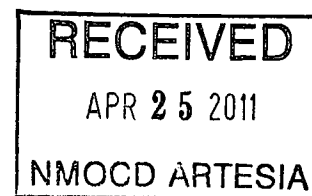
JAMES S. BROWN
CHIEF OPERATING OFFICER

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

April 25, 2011

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

Re: Robinson B Federal #1
2RP-650
30-015-03766
Section 34, T17S-R29E
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 January 22, 2010 (18 B/PW released with 10 B/PW recovered). The C-141 Initial Report was submitted to your office by Yates Drilling Company on January 26, 2010. A C-145/Change of Operator was approved by the NMOCD on February 28, 2011 and Yates Petroleum Corporation is the current operator. Vertical and horizontal delineation samples were taken on 4/14/2011 and sent to an OCD approved laboratory. Enclosed are the analytical reports, results show TPH and BTEX, to be below RRAL's and decreasing (chlorides are for documentation), based on a site ranking of zero (depth to ground water recorded at 150' per the ChevronTexaco trend map); Yates Petroleum Corporation requests closure based on the analytical results, impacted soils excavated/hailed and site ranking/depth to ground water.

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)

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

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. 575-748-1471	
Facility Name Robinson B Federal #1	API Number 30-015-03766	Facility Type Tank Battery
Surface Owner Federal	Mineral Owner Federal	Lease No. LC-064073

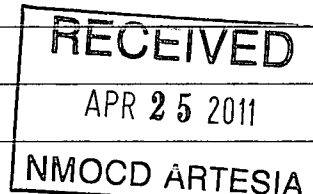
LOCATION OF RELEASE

Unit Letter F	Section 34	Township 17S	Range 29E	Feet from the 2310'	North/South Line North	Feet from the 2310'	East/West Line West	County Eddy
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Latitude 32.72166 Longitude 103.93253

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 18 B/PW	Volume Recovered 10 B/PW
Source of Release Gun Barrel Water Leg	Date and Hour of Occurrence 1/22/2010; PM	Date and Hour of Discovery 1/22/2010; PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Bobby Ballard/BLM Carlsbad	
By Whom? Greg Boans/Yates Drilling Company	Date and Hour 1/22/2010	
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.*
Vacuum trucked recovered 10 bbls of produced water and hauled to disposal. Recovered contaminated soil (about 30 yds) hauled to Lea County Land Farm.

Describe Area Affected and Cleanup Action Taken.*
Repaired water leg. Removed recovered produced water and remediated contaminated soil to Lea Land Farm. Vertical/horizontal delineation sampling on 4/14/2011 analyzed for THP & BTEX (chlorides for documentation). **Depth to Ground Water: >100' (approximately 150', Chevron/Texaco Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Based on amounts of produced water recovered, impacted soils excavated/hauled and analytical results, 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@yatespetroleum.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: Monday, April 25, 2011 Phone: 575-748-4217	2RP-		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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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

JAN 27 2010

NMOCD 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 Drilling company	25575	Contact	Greg Boans
Address	105 South 4 th Street, Artesia, NM 88210		Telephone No.	575-748-5363
Facility Name	Robinson "B" Federal #1		Facility Type	Tank Battery

Surface Owner	BLM	Mineral Owner		Lease No.	LC-064073
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LOCATION OF RELEASE

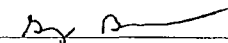
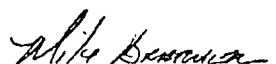
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	34	17S	29E	2310	North	2310	West	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

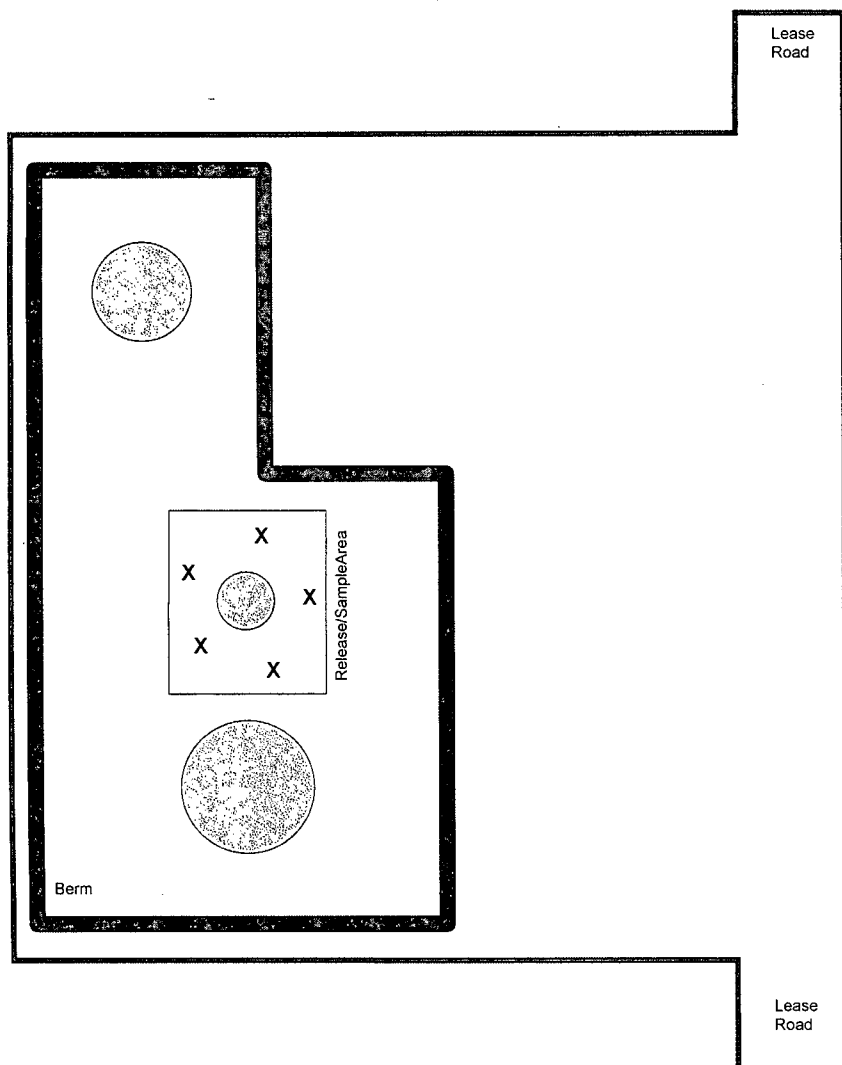
Type of Release	Produced Water	Volume of Release	18.bbls	Volume Recovered	10.bbls
Source of Release	Gun Barrel Water Leg	Date and Hour of Occurrence	1:30 PM, 1/22/10	Date and Hour of Discovery	2:00 PM, 1/22/10
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher, NMOCD Bobby Ballard, BLM Carlsbad, NM			
By Whom?	Greg Boans	Date and Hour: 2:08 PM, 1/22/10			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.* Vacuum trucked recovered 10 bbls fluid and hauled to disposal. Recovered contaminated soil (about 30 yds) and hauled to Lea County Land Farm.					
Describe Area Affected and Cleanup Action Taken.* Repaired water leg. Removed recovered fluid and remediated contaminated soil to Lea Land Farm.					
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.					

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor Signed By 	
Printed Name: Greg Boans	Approval Date: 3/21/11	Expiration Date:
Title: Production Supervisor	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: 4/21/11	
E-mail Address: greg@yatespetroleum.com	Attached <input type="checkbox"/>	
Date: 1/26/2010 Phone: 575-748-5363		

* Attach Additional Sheets If Necessary

2RP-650



Analytical Report- 413419/413422	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	4/14/2011	Comp/Auger	6"	ND	ND	2470	2470	41
Comp-01.0	Release Area	4/14/2011	Comp/Auger	12"	0.0047	ND	1440	1440	24.9
Comp-01.5	Release Area	4/14/2011	Comp/Auger	18"	0.0251	ND	1230	1230	35.7

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 150', per ChevronTexaco Trend Map).

All results are ppm. Chlorides results are for documentation.



Robinson B Federal #1

30-015-03766

Section 34, T17S-R29E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco: #413419 & 413422
April 19, 2011

Prepared by Robert Asher
Environmental Regulatory Agent

Analytical Report 413419

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Robinson B Federal #1

30-015-03766

19-APR-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AAL11), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

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

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

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

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

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



19-APR-11

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

Reference: XENCO Report No: **413419**
Robinson B Federal #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 413419. 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. 413419 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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Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 413419



Yates Petroleum Corporation, Artesia, NM

Robinson B Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	Apr-14-11 09:44	6 - 6 In	413419-001
Comp-01.0	S	Apr-14-11 09:52	12 - 12 In	413419-002
Comp-01.5	S	Apr-14-11 10:11	18 - 18 In	413419-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Robinson B Federal #1



Project ID: 30-015-03766

Work Order Number: 413419

Report Date: 19-APR-11

Date Received: 04/15/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-852309 TPH by SW 8015B

SW8015B_NM

Batch 852309, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis

Samples affected are: 413419-001 D,413419-002,413419-001.

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

Samples affected are: 413419-002.

Batch: LBA-852397 BTEX by EPA 8021

SW8021BM

Batch 852397, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 413424-001 D.

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

Samples affected are: 413424-001 D,413419-003.



Certificate of Analysis Summary 413419

Yates Petroleum Corporation, Artesia, NM

Project Name: Robinson B Federal #1



Project Id: 30-015-03766

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Apr-15-11 11:45 am


Report Date: 19-APR-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	413419-001	413419-002	413419-003			
	<i>Field Id:</i>	Comp-00.5	Comp-01.0	Comp-01.5			
	<i>Depth:</i>	6-6 In	12-12 In	18-18 In			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Apr-14-11 09:44	Apr-14-11 09:52	Apr-14-11 10:11			
BTEX by EPA 8021	<i>Extracted:</i>	Apr-18-11 08:50	Apr-18-11 08:50	Apr-18-11 08:50			
	<i>Analyzed:</i>	Apr-18-11 12:39	Apr-18-11 13:02	Apr-18-11 13:25			
	<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 0.0021	ND 0.0021	ND 0.0021			
Ethylbenzene		ND 0.0010	ND 0.0010	0.00467 0.0010			
m,p-Xylenes		ND 0.0021	0.00362 0.0021	0.0144 0.0021			
o-Xylene		ND 0.0010	0.00109 0.0010	0.00600 0.0010			
Xylenes, Total		ND 0.0010	0.00471 0.0010	0.0204 0.0010			
Total BTEX		ND 0.0010	0.00471 0.0010	0.0251 0.0010			
Percent Moisture	<i>Extracted:</i>	Apr-15-11 17:00	Apr-15-11 17:00	Apr-15-11 17:00			
	<i>Analyzed:</i>	Apr-15-11 17:00	Apr-15-11 17:00	Apr-15-11 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		4.17 1.00	3.64 1.00	4.05 1.00			
TPH by SW 8015B	<i>Extracted:</i>	Apr-15-11 13:45	Apr-15-11 13:45	Apr-15-11 13:45			
	<i>Analyzed:</i>	Apr-16-11 14:46	Apr-16-11 15:15	Apr-16-11 15:44			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		ND 77.9	ND 78.0	ND 77.9			
C10-C28 Diesel Range Hydrocarbons		2470 77.9	1440 78.0	1230 77.9			
Total TPH		2470 77.9	1440 78.0	1230 77.9			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi


Brent Barron, II
Odessa Laboratory Manager



Flagging Criteria

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

A Xenco Laboratories Company

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

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

Sampler Signature:

Don Ch.

e-mail: boba@yatespetroleum.com

PO #: 105632

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only) 413419-T+B
ORDER #: 413422-cl

[illegible]

Special Instructions: TPH 8015M, BTEX 8021B & Chlorides. ALL results in mg/kg. Thank you.

Laboratory Comments:

Sample Containers Intact?
VOCs Free of Headspace?
Labels on container(s)
Custody seals on container
Custody seals on cooler(s)

Sample Hand Delivered
by Sampler/Client Rep. ?
by Courier? UPS

4oz glass
Temperature Upon Receipt:

Y
Y
Y
Y
Y
Y
Y
FedEx Lone Star
5.6 °C

Relinquished by:

Date _____

Time

Received by:

Date _____

Time

Robert Asher

04/14/11

2:56 PM

Received by:

Date _____

Time

Refiniquished by:

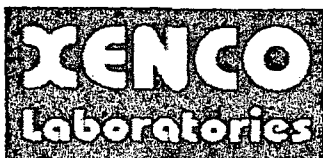
Date _____

Time

Received by ELOT;

Date _____

Time



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
Date/Time: 4-15-11 11:45
Lab ID #: 413419 / 413422
Initials: LM

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	<u>No</u>	N/A	
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>5.6</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 413422

for

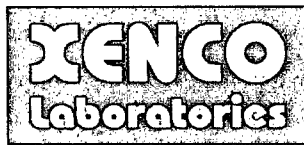
Yates Petroleum Corporation

Project Manager: Robert Asher

Robinson B Federal #1

30-015-03766

19-APR-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

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

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

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

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

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



19-APR-11

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

Reference: XENCO Report No: **413422**
Robinson B Federal #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 413422. 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. 413422 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 413422



Yates Petroleum Corporation, Artesia, NM

Robinson B Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	Apr-14-11 09:44	6 - 6 In	413422-001
Comp-01.0	S	Apr-14-11 09:52	12 - 12 In	413422-002
Comp-01.5	S	Apr-14-11 10:11	18 - 18 In	413422-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Robinson B Federal #1



Project ID: 30-015-03766

Work Order Number: 413422

Report Date: 19-APR-11

Date Received: 04/15/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None



Certificate of Analysis Summary 413422

Yates Petroleum Corporation, Artesia, NM

Project Name: Robinson B Federal #1



Project Id: 30-015-03766

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Apr-15-11 11:45 am


Report Date: 19-APR-11

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	413422-001	413422-002	413422-003			
	Field Id:	Comp-00.5	Comp-01.0	Comp-01.5			
	Depth:	6-6 In	12-12 In	18-18 In			
	Matrix:	SOIL	SOIL	SOIL			
	Sampled:	Apr-14-11 09:44	Apr-14-11 09:52	Apr-14-11 10:11			
Anions in Soil By EPA 300.0	Extracted:						
	Analyzed:	Apr-15-11 21:39	Apr-15-11 21:39	Apr-15-11 21:39			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		41.0 9.67	24.9 4.36	35.7 4.38			
Percent Moisture	Extracted:						
	Analyzed:	Apr-15-11 17:00	Apr-15-11 17:00	Apr-15-11 17:00			
	Units/RL:	% RL	% RL	% RL			
Percent Moisture		13.1 1.00	3.64 1.00	4.05 1.00			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi


Brent Barron, II
Odessa Laboratory Manager



Flagging Criteria

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

A Xenco Laboratories Company

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

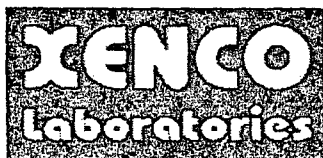
Fax: 432-563-1713

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Y N
Y NA
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Final 1.000

**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-InClient: YatesDate/Time: 4-15-11 11:45Lab ID #: 413419 / 413422Initials: LM**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	<u>No</u>	N/A	
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 5.6 °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