

MARTIN YATES, III  
1912-1985

FRANK W. YATES  
1936-1986

S.P. YATES  
1914-2008



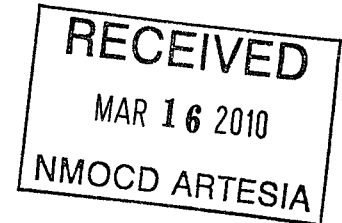
105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (575) 748-1471

JOHN A. YATES  
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ASSISTANT TO THE PRESIDENT

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CHIEF OPERATING OFFICER

JOHN D. PERINI  
CHIEF FINANCIAL OFFICER



March 16, 2010

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

Re: Jackson EM Com. #1  
30-015-21564  
Section 25, T17S-R25E  
Eddy County, New Mexico

Dear Mr. Bratcher:

Yates Petroleum Corporation would like to submit for your consideration the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated February 22, 2010. Scope of work described in the plan will be conducted as soon as the work plan is approved, and a contractor can be scheduled.

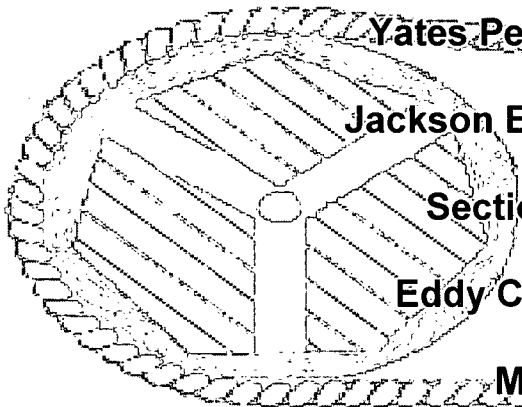
If you have any questions call me at (575) 748-4217

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent

Enclosure(s)



**Yates Petroleum Corporation**

**Jackson EM Com. #1 Work Plan**

**Section 25, T17S-R25E**

**Eddy County, New Mexico**

**March 16, 2010**

## **I. Location**

The well is located approximately 5 miles south of Artesia, NM, approximately 1.3 miles west of 13<sup>th</sup> Street (CR 48) and 1.2 miles northwest of Blevins Road (CR50), as represented by the attached Artesia, NM, USGS Quadrangle Map.

## **II. Background**

On February 22, 2010, Yates submitted to the NMOCD District II office a Form C-141 for a release of 54 barrels of condensate and 9 barrels of produced water with no condensate or produced water recovered. This release occurred 2/11/2010. The NMOCD was notified of the release (voicemail and e-mail). The total affected area is approximately 20 feet by 10 feet. Initial delineation samples were taken and analyzed at NMOCD approved laboratory. Results and a sample diagram are enclosed.

## **III. Surface and Ground Water**

Area surface geology is Paleozoic. The nearest groundwater of record is listed on the New Mexico Office of the State Engineers web site shows the depth to groundwater is approximately 150 feet (Unit Letter P, Section 25, T17S-R25E) making the site ranking for this site a zero (0). Any watercourses in the area are dry and intermittent, except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the as following:

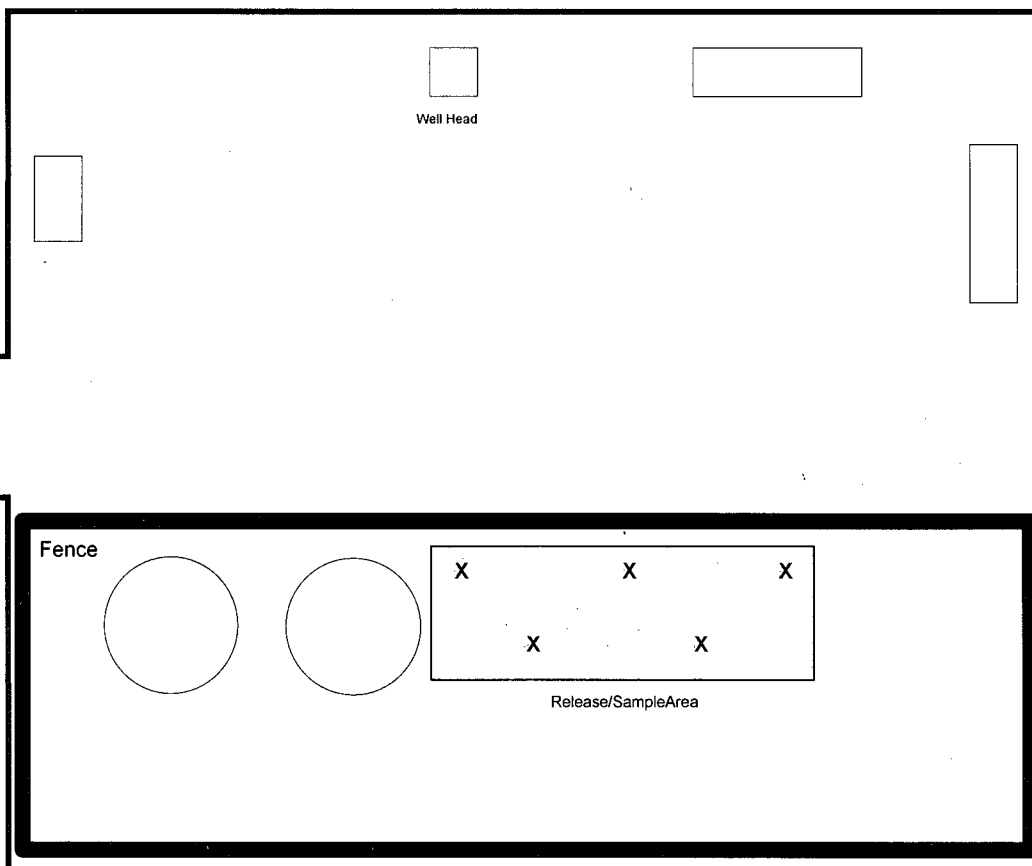
Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

## **IV. Soils**

The area consists of soils that are loamy, interspersed with caliche and clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

## **V. Scope of Work**

Based on analytical results (GS/Comp-003, sample depth of 3 feet, BTEX at 70.24), Yates Petroleum Corporation will have a contractor excavate impacted soils (approximately 20' X 10' X 3') and stockpile on plastic. Currently the battery area is un-bermed, clean soils will be brought in and blended with impacted soils (soils also will be aerated to flash off BTEX contaminants) this process will be done twice within a thirty (30) day period. Grab samples will be obtained, these samples will be sent to an NMOCD approved laboratory and analyzed for BTEX. If results are above RRAL's for BTEX, nitrogen fertilizer will be applied, mixed/aerated and water applied, again this process will be done twice within a thirty (30) day period and then re-sampled. When analytical results are below RRAL's for BTEX, Yates will request a sampling event and then closure of the site (Final C-141 submitted). Upon final approval the excavated area will be backfilled with the remediated stockpiled materials and a containment berm will be constructed around the battery area.



Sample ID	Sample Date	Sample Type	Depth	Benzene	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	3/2/2010	Grab/Auger	1'	ND	14.279	728	91.8	819.8	798
GS/Comp-002	3/2/2010	Grab/Auger	2'	ND	16.410	1070	117	1187	236
GS/Comp-003	3/2/2010	Grab/Auger	3'	0.1450	70.240	1200	142	1342	175

**Site Ranking is Zero (0).** Depth to Ground Water >100' (approx. 150', per New Mexico State Engineer Office).  
 All results are ppm. Chloride results are for documentation. BSL - Below Subsurface Level. X - Sample Points



**Jackson EM Com. #1**

**30-015-21564**

**Section 25, T17S-R25E**

**Eddy County, NM**

**SAMPLE DIAGRAM (Not to Scale)**

**Xenco Laboratories: #364311 & 364313  
 Report Date: 3/14/2010**

**Prepared by Robert Asher  
 Environmental Regulatory Agent**

# Analytical Report 364311

for

## Yates Petroleum Corporation

**Project Manager: Robert Asher**

**Jackson EM Com. # 1**

**30-015-21564**

**14-MAR-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)



14-MAR-10

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

Reference: XENCO Report No: **364311**  
**Jackson EM Com. # 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 364311. 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. 364311 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 364311



Yates Petroleum Corporation, Artesia, NM

Jackson EM Com. # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Mar-03-10 10:41	1 - 1 ft	364311-001
GS/Comp-002	S	Mar-03-10 11:09	2 - 2 ft	364311-002
GS/Comp-003	S	Mar-03-10 11:34	3 - 3 ft	364311-003



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Jackson EM Com. # 1*



*Project ID: 30-015-21564*

*Work Order Number: 364311*

*Report Date: 14-MAR-10*

*Date Received: 03/04/2010*

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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-796840 TPH by SW 8015B

SW8015B\_NM

Batch 796840, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis

Samples affected are: 364311-002.

Batch: LBA-796849 Percent Moisture

AD2216A

Batch 796849, Percent Moisture RPD is outside the QC limit. This is most likely due to sample non-homogeneity.

Samples affected are: 364311-002, -001, -003.

Batch: LBA-797351 BTEX by EPA 8021

SW8021BM

Batch 797351, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis

Samples affected are: 364308-005 D, 364311-002, 364311-003, 364311-001.

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

Samples affected are: 364311-001, 364311-003, 364311-002.



# Certificate of Analysis Summary 364311

Yates Petroleum Corporation, Artesia, NM

Project Name: Jackson EM Com. # 1



Project Id: 30-015-21564

Contact: Robert Asher

Date Received in Lab: Thu Mar-04-10 09:35 am

Report Date: 14-MAR-10


Project Location: Eddy County

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	364311-001	364311-002	364311-003			
	Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	Depth:	1-1 ft	2-2 ft	3-3 ft			
	Matrix:	SOIL	SOIL	SOIL			
	Sampled:	Mar-03-10 10:41	Mar-03-10 11:09	Mar-03-10 11:34			
BTEX by EPA 8021	Extracted:	Mar-09-10 08:00	Mar-09-10 08:00	Mar-09-10 08:00			
	Analyzed:	Mar-09-10 22:49	Mar-09-10 23:12	Mar-09-10 23:34			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0.0558	ND 0.0569	0.1450 0.0556			
Toluene		1.321 0.1116	1.860 0.1137	7.339 0.1111			
Ethylbenzene		2.197 0.0558	2.204 0.0569	9.056 0.0556			
m,p-Xylenes		6.792 0.1116	8.470 0.1137	39.65 0.1111			
o-Xylene		3.969 0.0558	3.876 0.0569	14.05 0.0556			
Xylenes, Total		10.761 0.0558	12.346 0.0569	53.70 0.0556			
Total BTEX		14.279 0.0558	16.410 0.0569	70.24 0.0556			
Percent Moisture	Extracted:	Mar-05-10 17:00	Mar-05-10 17:00	Mar-05-10 17:00			
	Analyzed:						
	Units/RL:	% RL	% RL	% RL			
Percent Moisture		11.3 1.00	12.1 1.00	10.2 1.00			
TPH by SW 8015B	Extracted:	Mar-05-10 14:44	Mar-05-10 14:44	Mar-05-10 14:44			
	Analyzed:	Mar-07-10 14:01	Mar-07-10 14:29	Mar-07-10 14:56			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		728 16.9	1070 17.1	1200 16.7			
C10-C28 Diesel Range Hydrocarbons		91.8 16.9	117 17.1	142 16.7			
Total TPH		820 16.9	1187 17.1	1342 16.7			

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

\* 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

### CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**Phone: 432-563-1800**

**Fax: 432-663-1713**

Project Name: Jackson EM Com. #1

Project #: 30-015-21564

Project Loc: Eddy County

PO #: 105632

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

e-mail: [boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)

[illegible]

# Environmental Lab of Texas

## Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum  
 Date/ Time: 3.4.10 9:35  
 Lab ID #: 364311 / 364313  
 Initials: AL

### Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>04</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	<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 364313

for

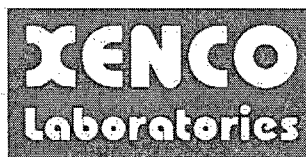
## Yates Petroleum Corporation

Project Manager: Robert Asher

Jackson EM Com. # 1

30-015-21564

14-MAR-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 (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)

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

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

Xenco-Boca Raton (EPA Lab Code: FL00449):

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

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



14-MAR-10

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

Reference: XENCO Report No: **364313**  
**Jackson EM Com. # 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 364313. 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. 364313 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 364313



Yates Petroleum Corporation, Artesia, NM

Jackson EM Com. # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Mar-03-10 10:41	1 - 1 ft	364313-001
GS/Comp-002	S	Mar-03-10 11:09	2 - 2 ft	364313-002
GS/Comp-003	S	Mar-03-10 11:34	3 - 3 ft	364313-003



## CASE NARRATIVE

*Client Name: Yates Petroleum Corporation*

*Project Name: Jackson EM Com. # 1*



*Project ID: 30-015-21564*

*Work Order Number: 364313*

*Report Date: 14-MAR-10*

*Date Received: 03/04/2010*

---

**Sample receipt non conformances and Comments:**

None

---

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

None

**Analytical Non Conformances and Comments:**

Batch: LBA-796849 Percent Moisture

AD2216A

Batch 796849, Percent Moisture RPD is outside the QC limit. This is most likely due to sample non-homogeneity.

Samples affected are: 364313-001, -003, -002.

Batch: LBA-797785 Inorganic Anions by EPA 300

None



# Certificate of Analysis Summary 364313

Yates Petroleum Corporation, Artesia, NM

Project Name: Jackson EM Com. # 1



Project Id: 30-015-21564

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Thu Mar-04-10 09:35 am


Report Date: 14-MAR-10

Project Manager: Brent Barron, II

<b>Analysis Requested</b>	<b>Lab Id:</b>	364313-001	364313-002	364313-003			
	<b>Field Id:</b>	GS/Comp-001	GS/Comp-002	GS/Comp-003			
	<b>Depth:</b>	1-1 ft	2-2 ft	3-3 ft			
	<b>Matrix:</b>	SOIL	SOIL	SOIL			
	<b>Sampled:</b>	Mar-03-10 10:41	Mar-03-10 11:09	Mar-03-10 11:34			
<b>Anions in Soil By EPA 300.0</b>	<b>Extracted:</b>						
	<b>Analyzed:</b>	Mar-11-10 14:20	Mar-11-10 14:20	Mar-11-10 14:20			
	<b>Units/RL:</b>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		798 18.9	263 9.55	175 9.35			
<b>Percent Moisture</b>	<b>Extracted:</b>						
	<b>Analyzed:</b>	Mar-05-10 17:00	Mar-05-10 17:00	Mar-05-10 17:00			
	<b>Units/RL:</b>	% RL	% RL	% RL			
Percent Moisture		11.3 1.00	12.1 1.00	10.2 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, II  
Odessa Laboratory Manager



## Flagging Criteria



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- 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
- \* Outside XENCO's scope of NELAC Accreditation.

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5757 NW 158th St, Miami Lakes, FL 33014  
12600 West I-20 East, Odessa, TX 79765  
842 Cantwell Lane, Corpus Christi, TX 78408

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(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  
Odessa, Texas 79765**

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

**Project Manager:** Robert Asher

Project Name: Jackson EM Com. #1

Company Name Yates Petroleum Corporation

Project #: 30-015-21564

Company Address: 105 South 4th Street

Project Loc: Eddy County

City/State/Zip:     Artesia, NM 88210

PO #: 105632

Telephone No: 575-748-4217 Fax No: 575-748-4662

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:  e-mail: boba@yatespetroleum.com

e-mail: [boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)

[illegible]

# Environmental Lab of Texas

## Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum  
 Date/ Time: 3.4.10 9:35  
 Lab ID #: 364311 / 364313  
 Initials: AL

### Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>04</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	<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

