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

October 14, 2010

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

Re: Serrano Federal #1
30-015-28166
Section 11, T19S-R25E
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 June 2, 2010 (50 B/O & B/PW mix with 39 B/O & B/PW mix recovered). Per the July 1, 2010 work plan submitted, soils were excavated (an additional 12" and taken to an NMOCD approved facility); samples were taken and sent to an OCD approved laboratory on 10/6/2010 (analytical reports and sample diagram enclosed). Site ranking is ten (10), with the depth to ground water 50-99' (approximately 85'). RRAL's based on the site ranking of 10, BTEX (ppm) @ 50 and TPH (ppm) @ 1000, sample results are within these limits (chloride results are for documentation). Based on oil/produced water recovered, soils excavated and analytical results, Yates Petroleum Corporation requests closure.

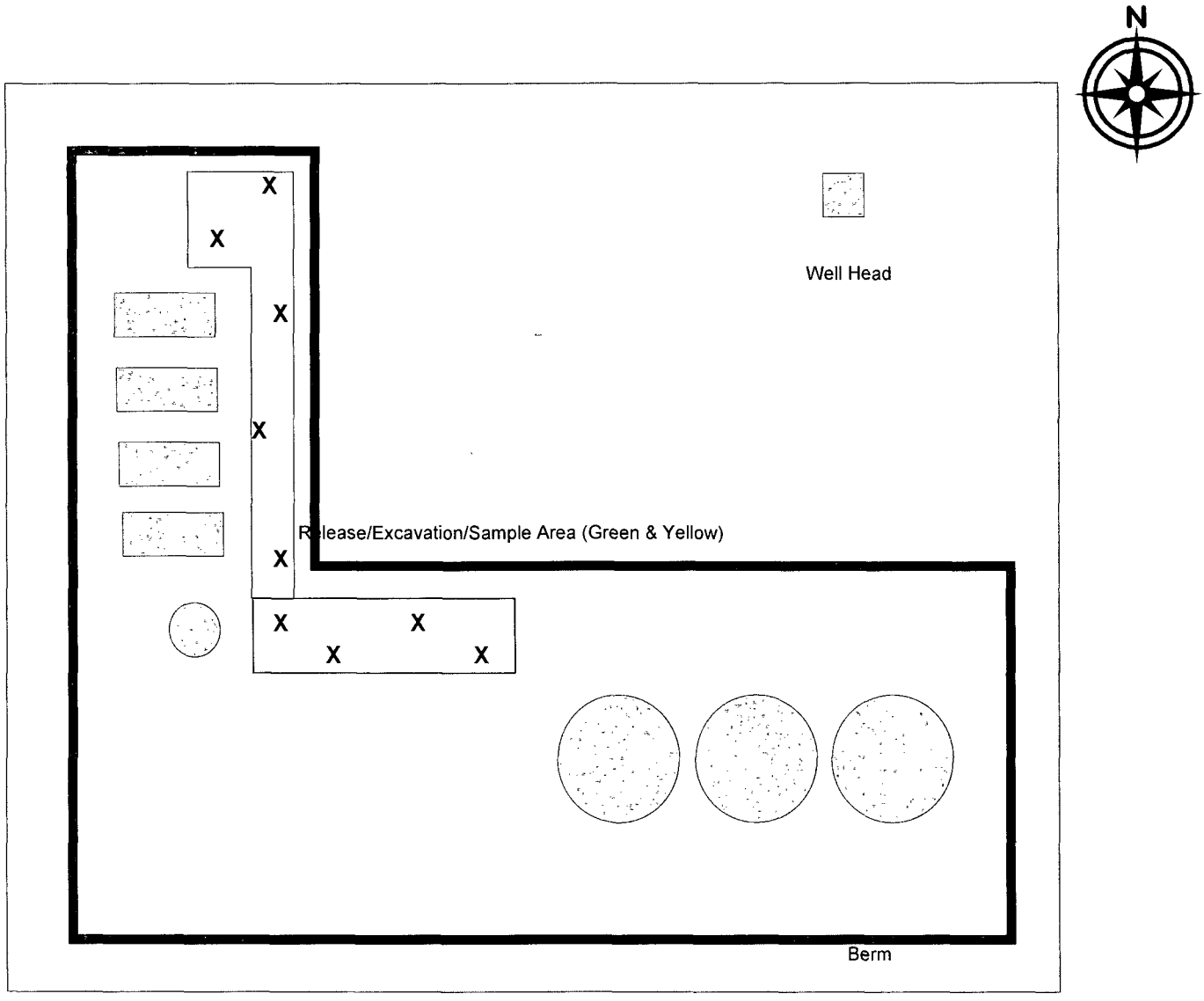
If you have any questions, please call me at 575-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

/rca
Enclosure(s)



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
Comp-00.5 N	10/6/2010	Comp/Auger	6"	1.4536	ND	302	302	46
Comp-01.0 N	10/6/2010	Comp/Auger	12"	1.093	21.4	230	251.4	39
Comp-00.5 E	10/6/2010	Comp/Auger	6"	ND	ND	ND	ND	ND
Comp-01.0 E	10/6/2010	Comp/Auger	12"	ND	ND	ND	ND	ND

Site Ranking is Ten (10). Depth to Ground Water 50' - 99' (approx. 80'). All results are ppm.
X - Sample Points taken. Chlorides for documentation.

YATES PETROLEUM CORPORATION

Serrano Federal #1

30-015-28166

Section 11, T19S-R25E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 392921 & 392927
Report Date: 10/12/2010

Prepared by Robert Asher
Environmental Regulatory Agent

Analytical Report 392921

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Serrano Federal #1

30-015-28166

12-OCT-10

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), California(06244CA), 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)

12-OCT-10

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

Reference: XENCO Report No: **392921**
Serrano 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 392921. 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. 392921 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

Sample Cross Reference 392921

Yates Petroleum Corporation, Artesia, NM

Serrano Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5 N	S	Oct-06-10 10:07	6 - 6 In	392921-001
Comp-01.0 N	S	Oct-06-10 10:24	12 - 12 In	392921-002
Comp-00.5 E	S	Oct-06-10 10:41	6 - 6 In	392921-003
Comp-01.0 E	S	Oct-06-10 10:58	12 - 12 In	392921-004

CASE NARRATIVE

Client Name: Yates Petroleum Corporation
Project Name: Serrano Federal #1

Project ID:	*30-015-28166*	*Report Date:*	*12-OCT-10*
Work Order Number:	*392921*	*Date Received:*	*10/08/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-826725 Percent Moisture

Batch: LBA-826738 BTEX by EPA 8021
SW8021BM

Batch 826738, 4-Bromofluorobenzene recovered below QC limits Data not confirmed by re-analysis. Samples affected are: 575584-1-BLK.

Batch: LBA-826797 TPH by SW 8015B

Certificate of Analysis Summary 392921

Yates Petroleum Corporation, Artesia, NM

Project Name: Serrano Federal #1

Project Id: 30-015-28166
Contact: Robert Asher
Project Location: Eddy County

Date Received in Lab: Fri Oct-08-10 09:30 am
Report Date: 12-OCT-10
Project Manager: Brent Barron, II

Analysis Requested													
	Lab Id:	392921-001		392921-002		392921-003		392921-004					
	Field Id:	Comp-00.5 N		Comp-01.0 N		Comp-00.5 E		Comp-01.0 E					
	Depth:	6-6 In		12-12 In		6-6 In		12-12 In					
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Oct-06-10 10:07		Oct-06-10 10:24		Oct-06-10 10:41		Oct-06-10 10:58					
BTEX by EPA 8021	*Extracted:*	Oct-08-10 18:00		Oct-08-10 18:00		Oct-08-10 18:00		Oct-08-10 18:00					
	Analyzed:	Oct-09-10 03:17		Oct-09-10 03:40		Oct-08-10 23:03		Oct-08-10 23:26					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		ND	0.0602	ND	0.0596	ND	0.0012	ND	0.0012				
Toluene		ND	0.1205	ND	0.1192	ND	0.0024	ND	0.0024				
Ethylbenzene		0.1518	0.0602	0.0924	0.0596	ND	0.0012	ND	0.0012				
m,p-Xylenes		0.5801	0.1205	0.4833	0.1192	ND	0.0024	ND	0.0024				
o-Xylene		0.7217	0.0602	0.5173	0.0596	ND	0.0012	ND	0.0012				
Xylenes, Total		1.3018	0.0602	1.0006	0.0596	ND	0.0012	ND	0.0012				
Total BTEX		1.4536	0.0602	1.0930	0.0596	ND	0.0012	ND	0.0012				
Percent Moisture	*Extracted:*												
	Analyzed:	Oct-09-10 09:20		Oct-09-10 09:20		Oct-09-10 09:20		Oct-09-10 09:20					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		17.0	1.00	16.1	1.00	16.6	1.00	17.9	1.00				
TPH by SW 8015B	*Extracted:*	Oct-08-10 11:30		Oct-08-10 11:30		Oct-08-10 11:30		Oct-08-10 11:30					
	Analyzed:	Oct-08-10 16:02		Oct-08-10 16:34		Oct-08-10 17:03		Oct-08-10 17:35					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C10 Gasoline Range Hydrocarbons		ND	90.3	21.4	17.8	ND	17.9	ND	18.2				
C10-C28 Diesel Range Hydrocarbons		302	90.3	230	17.8	ND	17.9	ND	18.2				
Total TPH		302	90.3	251	17.8	ND	17.9	ND	18.2				

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

Brent Barron, II
Odessa Laboratory Manager

Final 1.000

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.

Environmental Lab of Texas

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: Serrano Federal #1
Company Name: *Yates Petroleum Corporation*
Project #: 30-015-28166
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: [X] Standard [ ] TRRP [ ] NPDES
Sampler Signature:
e-mail: boba@yatespetroleum.com

(lab use only) ORDER #: BTEX/TPH 592921/592927-CC

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	Comp-00.5 N	6"	6"	10/6/2010	10:07 AM		1	X								S			X								X			X		X
	Comp-01.0 N	12"	12"	10/6/2010	10:24 AM		1	X								S			X								X			X		X
	Comp-00.5 E	6"	6"	10/6/2010	10:41 AM		1	X								S			X								X			X		X
	Comp-01.0 E	12"	12"	10/6/2010	10:58 AM		1	X								S			X								X			X		X
	PLEASE PUT CHLORIDES ON SEPARATE REPORT																														

Special Instructions: **TPH: 8015B, BTEX: 8021B & Chlorides.** *Please show ALL results as mg/kg. Thank you.*

Relinquished by:	Date	Time	Received by:	Date	Time
Robert Asher	10/07/10	2:34 PM			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT: Tara Bamon	Date 10/8/10	Time 9:30

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL (FedEx) Lone Star

Temperature Upon Receipt: 5.1 °C

Final 1.000

XENCO Laboratories	Document Title: Sample Receipt Checklist
Atlanta, Boca Raton, Corpus Christi, Dallas	Document No.: SYS-SRC
Houston, Miami, Odessa, Philadelphia	Revision/Date: No. 01, 5/27/2010
Phoenix, San Antonio, Tampa	Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates Petroleum

Date/Time: 10/8/10 9:30

Lab ID # : 392921 / 392927

Initials: TB

Sample Receipt Checklist

1. Samples on ice?	Blue	(Water)	No	
2. Shipping container in good condition?	(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	(Yes)	No	N/A	
4. Chain of Custody present?	(Yes)	No		
5. Sample instructions complete on chain of custody?	(Yes)	No		
6. Any missing / extra samples?	Yes	(No)		
7. Chain of custody signed when relinquished / received?	(Yes)	No		
8. Chain of custody agrees with sample label(s)?	(Yes)	No		
9. Container labels legible and intact?	(Yes)	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		
11. Samples in proper container / bottle?	(Yes)	No		
12. Samples properly preserved?	(Yes)	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	(Yes)	No		
15. All samples received within sufficient hold time?	(Yes)	No		
16. Subcontract of sample(s)?	Yes	No	N/A	
17. VOC sample have zero head space?	(Yes)	No	N/A	

18. Cooler 1 No.		Cooler 2 No.		Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs	5.1 °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 392927

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Serrano Federal #1

30-015-28166

12-OCT-10

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), California(06244CA), 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)

12-OCT-10

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

Reference: XENCO Report No: **392927**
Serrano 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 392927. 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. 392927 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

Sample Cross Reference 392927

Yates Petroleum Corporation, Artesia, NM

Serrano Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5 N	S	Oct-06-10 10:07	6 - 6 In	392927-001
Comp-01.0 N	S	Oct-06-10 10:24	12 - 12 In	392927-002
Comp-00.5 E	S	Oct-06-10 10:41	6 - 6 In	392927-003
Comp-01.0 E	S	Oct-06-10 10:58	12 - 12 In	392927-004

CASE NARRATIVE

Client Name: Yates Petroleum Corporation
Project Name: Serrano Federal #1

Project ID:	*30-015-28166*	*Report Date:*	*12-OCT-10*
Work Order Number:	*392927*	*Date Received:*	*10/08/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-826853 Anions in Soil By EPA 300.0
E300MI

Certificate of Analysis Summary 392927

Yates Petroleum Corporation, Artesia, NM

Project Name: Serrano Federal #1

Project Id: 30-015-28166
Contact: Robert Asher
Project Location: Eddy County

Date Received in Lab: Fri Oct-08-10 09:30 am
Report Date: 12-OCT-10
Project Manager: Brent Barron, II

Analysis Requested													
	Lab Id:	392927-001		392927-002		392927-003		392927-004					
	Field Id:	Comp-00.5 N		Comp-01.0 N		Comp-00.5 E		Comp-01.0 E					
	Depth:	6-6 In		12-12 In		6-6 In		12-12 In					
	Matrix:	SOIL		SOIL		SOIL		SOIL					
	Sampled:	Oct-06-10 10:07		Oct-06-10 10:24		Oct-06-10 10:41		Oct-06-10 10:58					
Anions in Soil By EPA 300.0	*Extracted:*												
	Analyzed:	Oct-11-10 08:32		Oct-11-10 08:32		Oct-11-10 08:32		Oct-11-10 08:32					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		46.2	10.1	38.6	10.0	49.9	10.1	53.3	10.2				
Percent Moisture	*Extracted:*												
	Analyzed:	Oct-09-10 09:20		Oct-09-10 09:20		Oct-09-10 09:20		Oct-09-10 09:20					
	Units/RL:	%	RL	%	RL	%	RL	%	RL				
Percent Moisture		17.0	1.00	16.1	1.00	16.6	1.00	17.9	1.00				

Brent Barron, II
Odessa Laboratory Manager

Final 1.000

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.

Environmental Lab of Texas

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
Company Name: Yates Petroleum Corporation
Company Address: 105 South 4th Street
City/State/Zip: Artesia, NM, 88210
Telephone No: 575-748-4217 Fax No: 575-748-4602
Sampler Signature:
e-mail: bcba@yatespetroleum.com

Project Name: Serrano Federal #1
Project #: 30-015-28166
Project Loc: Eddy County
PO #: 105632
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 37821/37827

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: Groundwater (gw) Wastewater (ww) Sludge (sl) Soil (s) Oil (o)	Analyze For: TCLP: TPH: 418.1 / 8015M / 8015B	TCLP: TPH: TX 1005 / TX 1005 Ext.	TCLP: Cations (Ca, Mg, Na, K)	TCLP: Anions (Cl, SO4, Alkalinity)	TCLP: SAR / ESP / CEC	TCLP: Metals: As Ag Ba Cd Cr Pb Hg Se	TCLP: Volatiles	TCLP: Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	TOTAL: VOC	TOTAL: PAH 8270	TOTAL: Chlorides	TOTAL:	RUSH TAT (Pre-Scheduling) 24, 48, 72 hrs	Standard TAT
	Comp-00.5 N	0"	6"	10/5/2010	10:07 AM		1	X								S	X								X				X		X
	Comp-01.0 N	12"	12"	10/6/2010	10:24 AM		1	X								S	X								X				X		X
	Comp-00.5 E	6"	6"	10/6/2010	10:41 AM		1	X								S	X								X				X		X
	Comp-01.0 E	12"	12"	10/6/2010	10:58 AM		1	X								S	X								X				X		X
	PLEASE PUT CHLORIDES																														
	ON SEPARATE REPORT																														

Special Instructions: TPH: 8015B, BTEX: 8021B & Chlorides. Please show ALL results as mg/kg. Thank you.

Relinquished by:	Date	Time	Received by:	Date	Time
Robert Asher	10/07/10	2:34 PM			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				10/8/10	9:30

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep.?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt: 5.1 °C		

Final 1.000

XENCO Laboratories	Document Title: Sample Receipt Checklist
Atlanta, Boca Raton, Corpus Christi, Dallas	Document No.: SYS-SRC
Houston, Miami, Odessa, Philadelphia	Revision/Date: No. 01, 5/27/2010
Phoenix, San Antonio, Tampa	Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates Petroleum

Date/Time: 10/8/10 9:30

Lab ID #: 392121/392427

Initials: TB

Sample Receipt Checklist

1. Samples on ice?	Blue	(Water)	No	
2. Shipping container in good condition?	(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	(Yes)	No	N/A	
4. Chain of Custody present?	(Yes)	No		
5. Sample instructions complete on chain of custody?	(Yes)	No		
6. Any missing / extra samples?	Yes	(No)		
7. Chain of custody signed when relinquished / received?	(Yes)	No		
8. Chain of custody agrees with sample label(s)?	(Yes)	No		
9. Container labels legible and intact?	(Yes)	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		
11. Samples in proper container / bottle?	(Yes)	No		
12. Samples properly preserved?	(Yes)	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	(Yes)	No		
15. All samples received within sufficient hold time?	(Yes)	No		
16. Subcontract of sample(s)?	Yes	No	N/A	
17. VOC sample have zero head space?	(Yes)	No	N/A	

18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 5.1 °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