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

May 24, 2010

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

RE: Compromise SWD #1
10/12/2009 Release
30-015-25665
Section 30, T18S-R27E
Eddy County, New Mexico

Dear Mr. Bratcher,

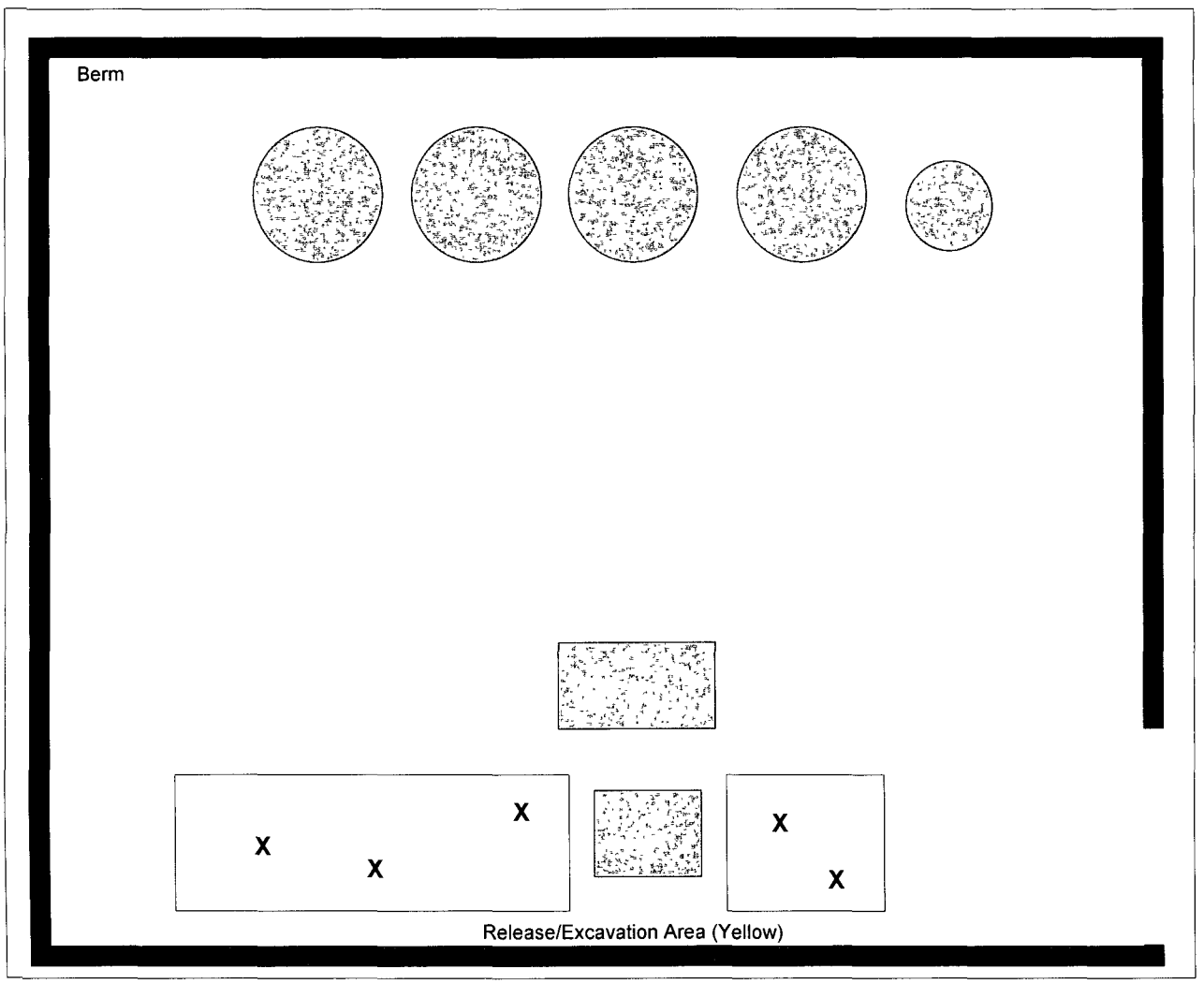
Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on October 12, 2009 (55 B/PW with 45 B/PW recovered), south end of the battery (inside the berm). A vacuum truck picked up remaining produced water released and the pipeline was from a broken nipple on the discharge side of the transfer pump. Impacted soils were excavated to a depth of three (3) feet and taken to an NMOCD approved facility. Samples were taken on April 22, 2010 and May 7, 2010 and sent to an NMOCD approved laboratory (enclosed results and sample diagram). Site ranking is twenty (20), with the depth to ground water < 50' (approximately 35'). Based on the analytical results showing decreasing chlorides, TPH & BTEX are non-detect, Yates Petroleum Corporation requests closure.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca



Sample ID	Sample Date	Sample Type	Depth (BSL)	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-001	4/12/2010	Grab/Auger	3'	ND	ND	ND	ND	1670
GS/Comp-002	4/12/2010	Grab/Auger	4'	ND	ND	ND	ND	460
Sample ID	Sample Date	Sample Type	Depth (BSL)	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-003	5/3/2010	Grab/Auger	5'					142
GS/Comp-004	5/3/2010	Grab/Auger	6'					179

Site Ranking is Twenty (20). Depth to Ground Water <50' (approx. 35'). All results are ppm.
Chloride samples for documentation.

YATES PETROLEUM CORPORATION

Compromise SWD #1 Battery

30-015-25665

Section 30, T18S-R27E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)
Xenco Report #: 369448 & 369451
Report Date: 4/22/2010
Xenco Report #: 369448 & 369451
Report Date: 4/22/2010

Prepared by Robert Asher
Environmental Regulatory Agent

Analytical Report 371457

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Compromise SWD # 1 Tank Battery

30-015-25665

07-MAY-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)

07-MAY-10

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

Reference: XENCO Report No: **371457**
Compromise SWD # 1 Tank Battery
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 371457. 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. 371457 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 371457

Yates Petroleum Corporation, Artesia, NM

Compromise SWD # 1 Tank Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-003	S	May-03-10 14:05	3 - 3 ft	371457-001
GS/Comp-004	S	May-03-10 14:35	4 - 4 ft	371457-002

CASE NARRATIVE

Client Name: Yates Petroleum Corporation
Project Name: Compromise SWD # 1 Tank Battery

Project ID.	*30-015-25665*	*Report Date*	*07-MAY-10*
Work Order Number:	*371457*	*Date Received:*	*05/05/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-805324 Percent Moisture
None

Batch: LBA-805339 Inorganic Anions by EPA 300
None

Certificate of Analysis Summary 371457

Yates Petroleum Corporation, Artesia, NM

Project Name: Compromise SWD # 1 Tank Battery

Project Id: 30-015-25665
Contact: Robert Asher
Project Location: Eddy County

Date Received in Lab: Wed May-05-10 09:35 am
Report Date: 07-MAY-10
Project Manager: Brent Barron, II

Analysis Requested											
	Lab Id:	371457-001		371457-002							
	Field Id:	GS/Comp-003		GS/Comp-004							
	Depth:	3-3 ft		4-4 ft							
	Matrix:	SOIL		SOIL							
	Sampled:	May-03-10 14.05		May-03-10 14:35							
Anions in Soil By EPA 300.0	*Extracted:*										
	Analyzed:	May-05-10 14.45		May-05-10 14 45							
	Units/RL:	mg/kg	RL	mg/kg	RL						
Chloride		142	10.3	179	23.0						
Percent Moisture	*Extracted:*										
	Analyzed:	May-05-10 17.00		May-05-10 17:00							
	Units/RL:	%	RL	%	RL						
Percent Moisture		18 7	1.00	8 86	1 00						

Brent Barron, II
Odessa Laboratory Manager

Final Ver. 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

* 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: 575-748-4662
Sampler Signature:
e-mail: boba@yatespetroleum.com

Project Name: Compromise SWD #1 Tank Battery
Project #: 30-015-25665
Project Loc: Eddy County
PO #: 105632
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 371457

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: TPH 418.1	8015M	TPH TX 1005	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	TOTAL: 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
01	GS/Comp-003	3'	3'	5/3/2010	2:05 PM		1	NA								S													X		X
02	GS/Comp-004	4'	4'	5/3/2010	2:35 PM		1	NA								S													X		X

Special Instructions: Chlorides only. Please show BTEX results as mg/kg. Thank you.

Relinquished by	Date	Time	Received by	Date	Time
Robert Asher	05/04/10	2 58 PM			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Fedex	Date	Time	Received by ELOT: Andrea Lam	Date 5.5.10	Time 9:35

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N NA
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
4029 1955
Temperature Upon Receipt: 1.6 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum

Date/ Time: 5.5.10. 9:35

Lab ID #: 371457

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	1.6 °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

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 369451

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Compromise SWD # 1

30-015-25665

22-APR-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)

22-APR-10

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

Reference: XENCO Report No: **369451**
Compromise SWD # 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 369451. 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. 369451 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 369451

Yates Petroleum Corporation, Artesia, NM

Compromise SWD # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Apr-12-10 14:28	1 - 1 ft	369451-001
GS/Comp-002	S	Apr-12-10 14:57	2 - 2 ft	369451-002

CASE NARRATIVE

Client Name: Yates Petroleum Corporation
Project Name: Compromise SWD # 1

Project ID:	*30-015-25665*	*Report Date:*	*22-APR-10*
Work Order Number:	*369451*	*Date Received.*	*04/15/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-803119 Percent Moisture
None

Batch: LBA-803123 Anions in Soil By EPA 300.0
None

Certificate of Analysis Summary 369451

Yates Petroleum Corporation, Artesia, NM

Project Name: Compromise SWD # 1

Project Id: 30-015-25665
Contact: Robert Asher
Project Location: Eddy County

Date Received in Lab: Thu Apr-15-10 10 45 am
Report Date: 22-APR-10
Project Manager: Brent Barron, II

Analysis Requested								
	Lab Id:	369451-001		369451-002				
	Field Id:	GS/Comp-001		GS/Comp-002				
	Depth:	1-1 ft		2-2 ft				
	Matrix:	SOIL		SOIL				
	Sampled:	Apr-12-10 14:28		Apr-12-10 14:57				
Anions in Soil By EPA 300.0	*Extracted:*							
	Analyzed:	Apr-19-10 11:15		Apr-19-10 11:15				
	Units/RL:	mg/kg	RL	mg/kg	RL			
Chloride		1670	53 4	460	51.3			
Percent Moisture	*Extracted:*							
	Analyzed:	Apr-16-10 17.00		Apr-16-10 17:00				
	Units/RL:	%	RL	%	RL			
Percent Moisture		21 4	1.00	18 2	1.00			

Brent Barron, II
Odessa Laboratory Manager

Final Ver 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

* 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: 575-748-4662
Sampler Signature:
e-mail: boba@yatespetroleum.com

Project Name: Compromise SWD #1
Project #: 30-015-25665
Project Loc: Eddy County
PO #: 105632
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 369448 / 369451

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: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH 418.1	TPH 8015M	TPH TX 1005	TPH TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	TOTAL Metals Ag As Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	NORM	Chlorides			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	GS/Comp-001	1'	1'	4/12/2010	2:28 PM		1	X								S	X											X			X				X
02	GS/Comp-002	2'	2'	4/12/2010	2:57 PM		1	X								S	X											X			X				X
	PLEASE PUT CHLORIDES ON SEPARATE RESULTS																																	

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	04/14/10	3 02 PM			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by ELOT:	Date	Time
Fed Ex				4/15/10	10:45

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 Couner? UPS DHL (FedEx) Lone Star
Temperature Upon Receipt 2.4 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum

Date/ Time: 4/15/10 - 10:45

Lab ID #: 369448 / 369451

Initials: JB

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	2.4 °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

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 369448

for

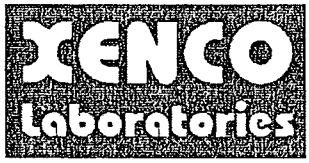
Yates Petroleum Corporation

Project Manager: Robert Asher

Compromise SWD # 1

30-015-25665

22-APR-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)

22-APR-10

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

Reference: XENCO Report No: **369448**
Compromise SWD # 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 369448. 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. 369448 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 369448

Yates Petroleum Corporation, Artesia, NM

Compromise SWD # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Apr-12-10 14.28	1 - 1 ft	369448-001
GS/Comp-002	S	Apr-12-10 14:57	2 - 2 ft	369448-002

CASE NARRATIVE

Client Name: Yates Petroleum Corporation
Project Name: Compromise SWD # 1

Project ID:	*30-015-25665*	*Report Date:*	*22-APR-10*
Work Order Number:	*369448*	*Date Received:*	*04/15/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-803119 Percent Moisture
None

Batch: LBA-803144 TPH by SW 8015B
None

Batch: LBA-803222 BTEX by EPA 8021
SW8021BM

Batch 803222, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.
Samples affected are: 369448-001, -002.
The Laboratory Control Sample for Toluene, m,p-Xylenes , Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Certificate of Analysis Summary 369448

Yates Petroleum Corporation, Artesia, NM

Project Name: Compromise SWD # 1

Project Id: 30-015-25665
Contact: Robert Asher
Project Location: Eddy County

Date Received in Lab: Thu Apr-15-10 10 45 am
Report Date: 22-APR-10
Project Manager: Brent Barron, II

Analysis Requested								
	Lab Id:	369448-001		369448-002				
	Field Id:	GS/Comp-001		GS/Comp-002				
	Depth:	1-1 ft		2-2 ft				
	Matrix:	SOIL		SOIL				
	Sampled:	Apr-12-10 14:28		Apr-12-10 14 57				
BTEX by EPA 8021	*Extracted:*	Apr-19-10 16.45		Apr-19-10 16:45				
	Analyzed:	Apr-20-10 04.07		Apr-20-10 04:30				
	Units/RL:	mg/kg	RL	mg/kg	RL			
Benzene		ND	0.0013	ND	0.0012			
Toluene		ND	0 0025	ND	0.0025			
Ethylbenzene		ND	0 0013	ND	0.0012			
m,p-Xylenes		ND	0 0025	ND	0.0025			
o-Xylene		ND	0.0013	ND	0 0012			
Xylenes, Total		ND	0.0013	ND	0 0012			
Total BTEX		ND	0.0013	ND	0.0012			
Percent Moisture	*Extracted:*							
	Analyzed:	Apr-16-10 17:00		Apr-16-10 17:00				
	Units/RL:	%	RL	%	RL			
Percent Moisture		21 4	1 00	18.2	1.00			
TPH by SW 8015B	*Extracted:*	Apr-19-10 10:45		Apr-19-10 10:45				
	Analyzed:	Apr-19-10 17.36		Apr-19-10 18 03				
	Units/RL:	mg/kg	RL	mg/kg	RL			
C6-C10 Gasoline Range Hydrocarbons		ND	19 0	ND	18.2			
C10-C28 Diesel Range Hydrocarbons		ND	19.0	ND	18.2			
Total TPH		ND	19 0	ND	18 2			

Brent Barron, II
Odessa Laboratory Manager

Final Ver. 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

* 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: Compromise SWD #1
Company Name: Yates Petroleum Corporation
Project #: 30-015-25665
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 #: 369448 / 369451

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: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP TPH 418.1	TCLP TPH 8015M	TCLP TPH TX 1005	TCLP TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4 Alkalinity)	SAR / ESP / CEC	TCLP Metals As Ag Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semivolatiles	TOTAL 8015B	BTEX 8021B/5030 or BTEX 8260	RCI	N O R M	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	GS/Comp-001	1'	1'	4/12/2010	2:28 PM		1	X								S	X											X			X		X
02	GS/Comp-002	2'	2'	4/12/2010	2:57 PM		1	X								S	X											X			X		X
	PLEASE PUT CHLORIDES ON SEPARATE RESULTS																																

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 BCA / UPS	04/14/10	3 02 PM			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Fed Ex	Date	Time	Received by ELOT	Date 4/15/10	Time 10:45

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 Couner? UPS DHL (FedEx) Lone Star

Temperature Upon Receipt 2.4 °C

Final Ver 1.000

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum

Date/ Time: 4/15/10 - 10:45

Lab ID #: 369448 / 369451

Initials: JB

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	2.4 °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

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