| Production Pad Graham AKB State #8 Pumping Unit |
|--|
| Analytical Report- 425794 & 425795 Sample Area Sample Date Sample Type Depth BTEX GRO DRO TOTAL Chlorides |
| Comp-01 0A Release Area 8/12/2011 Comp/Auger 1' 3.29 203 1020 1220 4,470 |
| Comp-02 0A Release Area 8/12/2011 Comp/Auger 2' 0 204 64 2 632 696 5,360 |
| Comp-03.0A Release Area 8/12/2011 Comp/Auger 3' ND ND 106 106 5,560 |
| Comp:01:0B Release Area 8/12/2011 Comp/Auger 1' ND ND 296 296 942 |
| Comp-02.0B Release Area 8/12/2011 Comp/Auger 2' ND ND 55.1 55.1 218 |

Site Ranking is ZERO (0). Depth to Ground Water >100' (approx. 124').

All results are ppm.Chlorides for documentation. X - Sample Points

Released: 42 B/PW, 6 B/O; Recovered: 0 B/PW, 0 B/O. Release Date: 8/7/2011

PETROLEUM CORPORATION Graham AKB State #8 30-015-31913

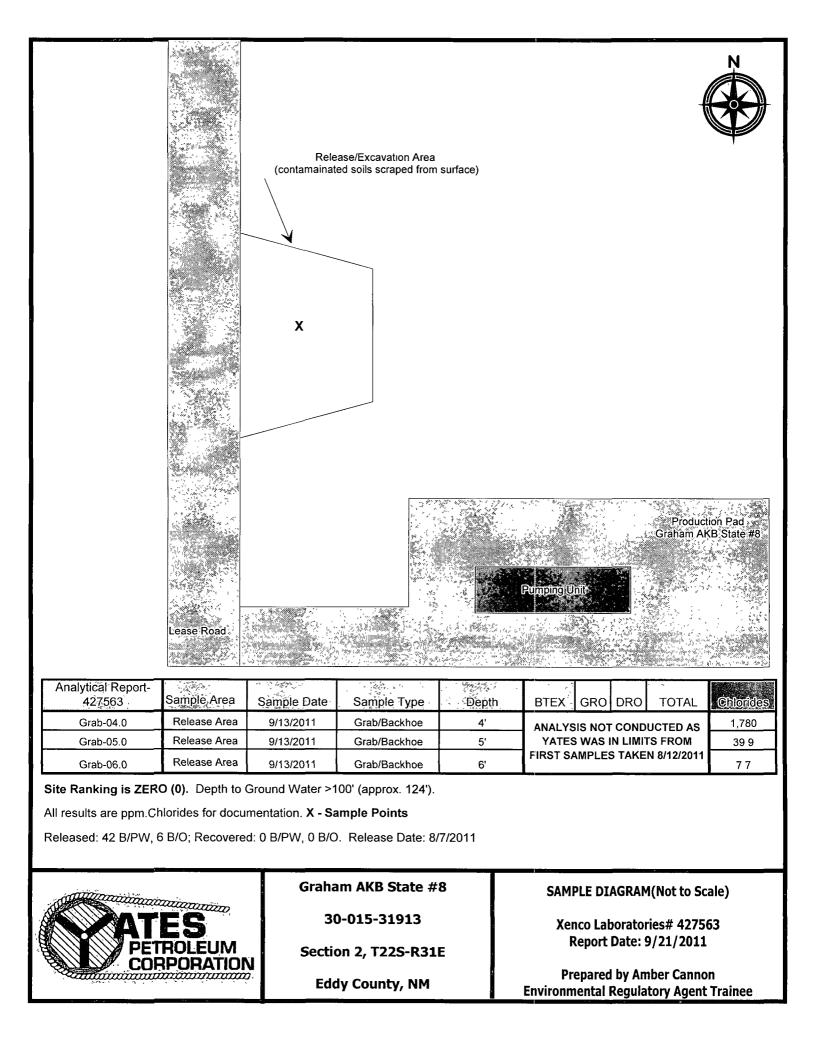
Section 2, T22S-R31E

Eddy County, NM

SAMPLE DIAGRAM(Not to Scale)

Xenco Laboratories# 425794 & 425795 Report Date: 8/24/2011

Prepared by Amber Cannon Environmental Regulatory Agent Trainee



Analytical Report 425794

for Yates Petroleum Corporation

Project Manager: Amber Cannon

Graham AKB State # 8

30-015-31913

24-AUG-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



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Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215-10-6-TX), Arizona (AZ0765), 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 Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



24-AUG-11



Project Manager: Amber Cannon Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference: XENCO Report No: 425794 Graham AKB State # 8 Project Address: Eddy County

Amber Cannon.

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 425794. 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. 425794 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 425794

Yates Petroleum Corporation, Artesia, NM

Graham AKB State # 8

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-------------|--------|----------------|--------------|---------------|
| Comp-01 0 A | S | 08-12-11 11:27 | 1 - 1 ft | 425794-001 |
| Comp-02.0 A | S | 08-12-11 11:54 | 2 - 2 ft | 425794-002 |
| Comp-03 0 A | S | 08-12-11 12:33 | 3 - 3 ft | 425794-003 |
| Comp-01.0 B | S | 08-12-11 13:17 | l - l ft | 425794-004 |
| Comp-02 0 B | S | 08-12-11 13:37 | 2 - 2 ft | 425794-005 |

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Graham AKB State # 3



 Project ID:
 30-015-31913

 Work Order Number:
 425794

Report Date: 24-AUG-11 Date Received: 08/16/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-867727 TPH By SW8015B Mcd SW8015B_NM

Batch 867727, 1-Chlorocctane recovered above QC limits Data not confirmed by re-analysis. Samples affected are: 610130-1-BKS.610130-1-BLK,610130-1-BSD,425370-001 SD.

SW8015B_NM

Batch 867727, C10-C28 Diesel Range Hydrocarbons recovered below QC limits in the Matrix Spike. Samples affected are: 425794-003, -004, -002, -001, -005. The Laboratory Control Sample for C10-C28 Diesel Range Hydrocarbons is within laboratory Control Limits

Batch: LBA-867872 BTEX by EPA 8021B SW8021BM

Batch 867872. 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis Samples affected are: 425689-001 S,425689-001 SD.

SW8021BM

Batch 867872, Benzene, Ethylbenzene, Toluene, m_p-Xylenes, c-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 425794-004, -005.

The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, m_p-Xylenes , o-Xylene is within laboratory Control Limits

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Graham AKB State # 8



Project ID: 30-015-31913 Work Order Number: 425794 Report Date: 24-AUG-11 Date Received. 08/16/2011

Batch: LBA-868086 BTEX by EPA 8021B SW8021BM

Batch 868086, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 425794-001. 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data confirmed by re-analysis Samples affected are: 425794-002,425794-001.



Project Id: 30-015-31913 Contact: Amber Cannon Project Location: Eddy County

Certificate of Analysis Summary 425794

Yates Petroleum Corporation, Artesia, NM

Project Name: Graham AKB State # 8



Date Received in Lab: Tue Aug-16-11 09:50 am Report Date: 24-AUG-11

| Tojeti Location, Eddy County | | | | | | | | Project Ma | nager: | Brent Barron | [] | |
|------------------------------------|-----------------------|-----------|--------|-----------|---------|-----------|---------|------------|---------|--------------|---------|--|
| | Lab Id: | 425794-0 |)01 | 425794- | 002 | 425794-0 | 03 | 425794-(|)04 | 425794-(1 | 05 | |
| Auglisia Dogwooted | Field Id: | Comp-01 | 0 A | Comp-02 | 0 A | Comp-03. | 0 A | Comp-01 | 0 B | Comp-02 | 0 B | |
| Analysis Requested | Depth: | 1-1 fi | | 2-2 ft | | 3-3 ft | | 1-1 ft | | 2-2 ft | | |
| | Matrix: | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | |
| | Sampled: | Aug-12-11 | 11.27 | Aug-12-11 | 1154 | Aug-12-11 | 12.33 | Aug-12-11 | 13 17 | Aug-12-11 | 13 37 | |
| BTEX by EPA 8021B | Extracted: | Aug-23-11 | 11.00 | Aug-23-11 | 11:00 | Aug-23-11 | 11.00 | Aug-19-11 | 16.00 | Aug-19-11 | 16 00 | |
| | Analyzed: | Aug-23-11 | 19 20 | Aug-23-11 | 15 54 | Aug-23-11 | 1617 | Aug-20-11 | 05 25 | Aug-20-11 | 05 48 | |
| | Units/RL. | mg/kg | RL | mg/kg | RL | mg/kg | RL. | mg/kg | RL | mg/kg | RL | |
| Benzene | | 0 0223 | 0 0205 | ND | 0 00106 | ND | 0 00103 | ND | 0 00103 | ND | 0 00102 | |
| Tohuene | | 0 0497 | 0 0409 | ND | 0 00212 | ND | 0 00207 | ND | 0 00206 | ND | 0 00205 | |
| Ethylbenzene | | 0 6-12 | 0 0205 | 0.0326 | 0.00106 | ND | 0.00103 | ND | 0.00103 | ND | 0 00102 | |
| m_p-Xylenes | | 2.02 | 0 0409 | 0111 | 0 00212 | ND | 0 00207 | ND | 0 00206 | ND | 0 00205 | |
| o-Xylene | | 0 559 | 0 0205 | 0.0602 | 0 00106 | ND | 0 00103 | ND | 0 00103 | ND | 0 00102 | |
| Total Xylenes | | 2 58 | 0 0205 | 0 171 | 0 00106 | ND | 0 00103 | ND | 0.00103 | ND | 0 00102 | |
| Total BTEX | | 3.29 | 0 0205 | 0 204 | 0 00106 | ND | 0 00103 | ND | 0 00103 | ND | 0 00102 | |
| Percent Moisture | Extracted: | | | | | | | | | | | |
| | Analyzed: | Aug-16-11 | 11 15 | Aug-16-11 | 11.15 | Aug-16-11 | 11:15 | Aug-16-11 | 11:15 | Aug-16-11 | 11.15 | |
| | Units/RL: | % | RL | % | RL | % | RL | % | RL | % | RL | |
| Percent Moisture | ceanartfann a tio a a | 3 03 | 1 00 | 5 26 | 1 00 | 3.02 | 1.00 | 3 20 | 1.00 | 1 88 | 1 00 | |
| TPH By SW8015B Mod | Extracted: | Aug-17-11 | 16.00 | Aug-17-11 | 16.00 | Aug-17-11 | 16.00 | Aug-17-11 | 16 00 | Aug-17-11 | 16 00 | |
| | Analyzed: | Aug-18-11 | 12:34 | Aug-18-11 | 13 02 | Aug-18-11 | 13.30 | Aug-18-11 | 13.59 | Aug-18-11 | 14.27 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| C6-C10 Gasoline Range Hydrocarbons | | 203 | 15 5 | 64 2 | 158 | ND | 15.5 | ND | 15.5 | ND | 153 | |
| C10-C28 Diesel Range Hydrocarbons | | 1020 | 15 5 | 632 | 158 | 106 | 155 | 296 | 155 | 55.1 | 153 | |
| Total TPH | | 1220 | 155 | 696 | 15.8 | 106 | 15.5 | 296 | 15.5 | 55 1 | 15.3 | |

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 lability 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

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 affect the recovery of the spike concentration. This condition could also affect 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 quantitation limit and above the detection limit.
- 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 | SDL Sample Detection Limit | LOD Limit of Detection |
|----------------------------------|-------------------------------|---------------------------|
| PQL Practical Quantitation Limit | MQL Method Quantitation Limit | LOQ Limit of Quantitation |
| DL Method Detection Limit | | |

- NC Non-Calculable
- + 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 |
| 6017 Financial Drive, Norcross, GA 30071 |
| 3725 E. Atlanta Ave, Phoenix, AZ 85040 |

Phone

Final 1.000

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| | Project Manager: A | mber Cann | ion | | | | | | | | | | | | | | | þ | roje | ct Na | ime: | G | rah | an | Ał | <u>(B</u> | Sta | te | #8 | | | | |
| | Company Name Y | ates Petrol | eum Corporat | ion . | | | | | | | | | | | | | | | F | roje | ct #: | 30 | -01 | 5-31 | 913 | <u>}</u> | | | | | | | |
| | Company Address 1 | 05 South 41 | Ih Street | | | | | | | | | | | | | | _ | | Pro | ject | Loc: | Edd | dy C | ount | <u>у</u> | | | | | | | | |
| | City/State/Zip: A | rtesia, NM | 88210 | | | | | | | • | | | | | | | | | | P | 0#: | 103 | 3202 | 0 | | | | | | | | | |
| | Telephone No: 5 | 75-748-411 | 1 | | | _ | Fax No: | | 57 | 5-74 | 48-45 | 585 | | _ | | | | Repo | ort F | orma | at: | X | Sta | indai | d | [| Т | RRI | Р | |] NPC | ES | |
| | Sampler Signature: | Int | n Ca | n | vM | | e-mail. | | | a | can | no | n@ | yat | esp | petro | olei | <u>.m.c</u> | om | | | | | | | | | | | | | | 1 |
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| ORDER | x#: 425794 | /4257 | 95 | | | | | | | <u></u> | Pres | Brváli | on å | # of (| Conta | ners | 1 | Matrix | 1150 | | 1 | to | TAL. | Se | | + | | | | | | 48, 72 hrs | i juu |
| AB # (lab use only) | | | | Beginning Depth | Ending Depth | Date Sampled | Time Sampled | reld Fattered | fotal # of Containers | <u>a</u> | NO3 | Ŷ | H250. | NaOH | Na;S ₂ O ₃ | None Charle Forders | DW=Dr.nkino Wajer SL=5 udos | GW * Groundweler S=Soll/Solid | TDL A10 1 DOARA DECIN UNBI | TX 1005 TX 10 | ns (Ca, Mg, Na, K) | Antons (Cl. SO4, Alkalinity) | SAR / ESP / CEC | Metats As Ag Ba Cd Cr Pb Hg Se | Volàtiles | Semivolatiles | BTEX 8021B/5030 or BTEX 8260 PCI | | N O R M Chiorides | | | re-Scheoule) 24, | Ctondord TAT |
| <u>oi</u> | FIELD | | | | | ۵ 8/12/2011 | 11:27 AM | e LL | 1 1 | + | | I | Ŧ | z | z | 2 0 | | گ S | ž | - | <u> </u> | <u> </u> | ŝ | Σ | Ž | Ň | n n X | 2 | 2 Ü X | and in succession. | ┝╼╋ | ž, | <u>i</u> |
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| 3.3 | Comp- | - | | 3' | 3' | 8/12/2011 | 12:33 PM | | 1 | | | | | | | | | S | 5 | | | | | | | | x | | X | | | _ | ; |
| 04 | Comp- | 01.0 B | | 1' | 1' | 8/12/2011 | <u>1'17 PM</u> | | 1 | X | | | | | | | | S | | 4 | | | | | | | <u>x</u> | _ | _ x | <u>: </u> | ┝ | _ | |
| -05 | Comp-(| 02.0 B | <u></u> | 2' | 2' | 8/12/2011 | <u>1 37 PM</u> | | 1 | <u> </u> × | - | | | | | | ╢ | <u>S</u> | - 2 | <u>(</u> | - | | | | | - | × | | - × | - | ┼╌┨ | - | ; |
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| | PLEASE PUT | | | | | | | | | ļ | | | | _ | _ | | | | | | | | | | | _ | | | | + | ┝─-┨- | _ | |
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| Relingulsh <u>Amber Car</u> Relingulsh | non (Imberlan | nn_ | Date 08/15/11 Date | Tir 10 29 Tir | | Received by | | | | | | | <u></u> | | | | Date Date | | Th Th | ne Ne | Lat Cu: Cu: | stod stod nple by S | on c y sei y sei Hai Sami | onta als c als c nd D pler/0 | iner(| (s) ontair ooler(ered t Rej | ner(s) (s) p ? |) HL | (Fe | | ۱ ۱ ۱ ۱ ۱ ۱ ۲ ۵ne | 1 1 1 | IF |
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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: | lates Petroleum. | |
|------------|------------------|--|
| Date/Time: | 8.16.11 9:50 | |
| Lab ID # : | 420794 / 425795 | |
| Initials: | 42 | |

Sample Receipt Checklist

| 1. Samples on ice? | Blue | Water | No | |
|---|-------------|-------|--------------|----|
| 2. Shipping container in good condition? | Tes | No | None | |
| 3. Custody seals intact on shipping container (cooler) and bottles? | Yes | No | N/A | |
| 4. Chain of Custody present? | Pes | 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? | Yès | Nc | | |
| 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. | |
| Ibs (y.) °C ibs °C ibs ° | C Ibs | °c | lbs | °C |

Nonconformance Documentation

| Contact: | Contacted by: | Date/Time: |
|-----------------------|---|--|
| Regarding: | | |
| Corrective Action Tak | en: | |
| | | |
| Check all that apply: | Cooling process has begun shortly after s condition acceptable by NELAC 5.5. | ampling event and out of temperature 8.3.1.a.1. |

□ Initial and Sackup Temperature confirm out of temperature conditions □ Client understands and would like to proceed with analysis

Analytical Report 425795

for Yates Petroleum Corporation

Project Manager: Amber Cannon

Graham AKB State # 8

30-015-31913

24-AUG-11

Collected By: Client



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



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Xenco-Atlanta (EPA Lab Code: GA00046): Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), 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 Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ009089): Arizona (AZ0758)







24-AUG-11

Project Manager: Amber Cannon Yates Petroleum Corporation 105 South Fourth St. Artesia. NM 88210

Reference: XENCO Report No: 425795 Graham AKB State # 8 Project Address: Eddy County

Amber Cannon:

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 425795. 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.

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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. 425795 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 425795



Yates Petroleum Corporation, Artesia, NM

There is a state and a state of the state of

Graham AKB State # 8

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-------------|--------|----------------|--------------|---------------|
| Comp-01 0 A | S | 08-12-11 11:27 | 1 - 1 ft | 425795-001 |
| Comp-02.0 A | S | 08-12-11 11:54 | 2 - 2. ft | 425795-002 |
| Comp-03 0 A | S | 08-12-11 12:33 | 3 - 3 ft | 425795-003 |
| Comp-01.0 B | S | 08-12-11 13:17 | 1 - 1 ft | 425795-004 |
| Comp-02.0 B | S | 08-12-11 13:37 | 2 - 2 ft | 425795-005 |



Client Name: Yates Petroleum Corporation Project Name: Graham AKB State # 8



 Project ID
 30-015-31913

 Work Order Number:
 425795

Report Date. 24-AUG-11 Date Received: 08/16/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-867919 Anions by E300 E300MI

Batch 867919, Chloride recovered above QC limits in the Matrix Spike. Samples affected are: 425795-003, -001, -002, -005, -004. The Laboratory Control Sample for Chloride is within laboratory Control Limits

Project Id: 30-015-31913 Contact: Amber Cannon Project Location: Eddy County

Certificate of Analysis Summary 425795

Yates Petroleum Corporation, Artesia, NM

Project Name: Graham AKB State # 8



Date Received in Lab: Tue Aug-16-11 09.50 am

Report Date: 24-AUG-11

| Percent Moisture | | 3.03 | 1 00 | 5 26 | 1 00 | 3,02 | 1 00 | 3 20 | 1.00 | 1.88 | 1 00 | |
|--------------------|------------|-----------|------|-----------|-------|-------------|------|-------------|--------|----------------|----------|--|
| | Units/RL: | % | RL | % | RL | % | RL | % | RL | % | RL | |
| | Analyzed: | Aug-16-11 | 1:15 | Aug-16-11 | 1 1 5 | Aug-16-11 | 1.15 | Aug-16-11 1 | 1.15 | Aug-16-11 1 | 115 | |
| Percent Moisture | Extracted. | | | | | | | | | | | |
| Chloride | | 4470 | 86.6 | 5360 | 88.7 | 5560 | 86.6 | 942 | 217 | 218 | 21.4 | |
| | Units/RL. | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| | Analyzed: | Aug-20-11 | 100 | Aug-20-11 | 1 00 | Aug-20-11 1 | 1:00 | Aug-20-11 1 | 1.00 | Aug-20-11 1 | 1.00 | |
| Anions by E300 | Extracted: | | | | | | | | | | | |
| | Sampled: | Aug-12-11 | 1.27 | Aug-12-11 | 1 54 | Aug-12-11 1 | 2 33 | Aug-12-11 1 | 3 17 | Aug-12-11 1 | 3.37 | |
| | Matrix: | SOIL | | SOIL | | SOIL | | SOIL | | SOIL | | |
| maysis Requested | Depth: | 1-1 ft | | 2-2 ft | | 3-3 ft | | 1-1 ft | | 2-2 ft | | |
| Analysis Requested | Field Id: | Comp-01. | DA | Comp-02 |) A | Comp-03 0 | A (| Comp-01.0 | 0.13 | Comp-02 | an | |
| | Lab Id. | 425795-0 | 01 | 425795-0 | 02 | 425795-00 |)3 | 425795-0 | 04 | 425795-0 | 05 | |
| | | | | | | | | Project Mai | nager: | Brent Barron I | <u>I</u> | |

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

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Brent Barron II

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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 affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD
- B A target analyte or common laboratory contanunant 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 quantiation limit and above the detection limit.
- 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 | SDL Sample Detection Limit | LOD Limit of Detection |
|----------------------------------|-------------------------------|---------------------------|
| PQL Practical Quantitation Limit | MQL Method Quantitation Limit | LOQ Limit of Quantitation |
| | | |

- DL Method Detection Limit
- NC Non-Calculable
- + Outside XENCO's scope of NELAC Accreditation.

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| XE | NCO-Envi | ronm | ental | Lał | 00 | f Texas | 5 | | | | | | C/ ost I- Texa | 20 E | ast | | IST | ODY | RE(| coi | RD. | ANE | | Pho | ne: | 432 | -563 | UES 1-180 1-171 | 00 | | | | |
|-------------------------|---------------------------|--|--------------------------------|-----------------|--------------|---|---|----------------|------------------------|----------|--------|----------|----------------------|-------------|---|--------------------|------------------|-------------|------------------|-------------|---------------------|-----------------------|-----------------------|--------------------------------|-------------------------|---|-----------------------------|-----------------------|---------|-------------|-------------|-------------------------------|--------------|
| | Project Manager. | Amber Canr | 100 | | | | | | | | | | | | | | _ | P | roje | ct N | lame | . <u>G</u> | rah | an | <u>1 A</u> | KВ | Sta | ate | #8 | | | | |
| | Company Name | Yales Petrol | leum Corporal | lion | | · | | | | | | | | | | | | | ş | Proj | ect i | ŧ. <u>30</u> |)-01 | <u>5-31</u> | 1913 | 3 | | | | | | | |
| | Company Address. | 105 South 4 | th Street | | | | | | | | | | | | | | | | Рю | ojeci | t 1.0 | : <u>Ed</u> | ldy C | ount | ty | | | | | | | | |
| | City/State/Zip: | Artesia, NM | 88210 | | | | | | | | | | | | | | | | | | PO i | 4: <u>10</u> | 3202 | ?0 | | | | | | | | | |
| | Telephone No: | 575-748-41 | 11 | | | | Fax No | | 57 | 5-74 | 18-45 | 585 | | | | | | Repo | ort F | orn | nat: | × |] Sta | inda | rd | | <u> </u> | TRR | :P | E | NF | PDE | S |
| | Sampler Signature | Int | <u>ser Cá</u> | m | um | <u> </u> | e-mail. | | | <u>a</u> | can | ino | na | ya | esr | petro | ole | <u>um.c</u> | on | <u>]</u> | | | | marge. | | | 14/3 (No.4 | | - | | ندي. در چنج | | |
| (lab use | only) | 1 | | | | | | | | | | | | | | | | | - | | | | CLP | | | ze Fo | л | - | | - | | - | |
| ORDE | R#: 425794 | /4757 | 95 | | | روار 1950 میں میں میں میں اور | | - | | | Pics | erval | lion 8 | ₿of | Conta | iners | 1 | Matrix | | HICLUS . | | | | Se | $\left - \right $ | ┟━━╊ | 99 | | | | | 48, 72 hrs | |
| LAB # (lab use only) | 5151 | D CODE | | Beginning Depth | Ending Depth | Date Sampled | Time Sampled | Field Fittered | fotal #. of Containers | te | HNO3 | P | H,SO. | NaOH | Na ₂ S ₇ O ₃ | None None 5-161 | Outer (specify) | S=So | le Specity Diher | 416.1 8015M | TPH TX 1005 TX 1006 | 204. 10 | SAR / ESP / CEC | Metals As Ag Ba Cd Cr Pb Hg Se | Volatiles | Semivolatiles | 3TEX 80216/5030 or BTEX 524 | RCI | N C R M | unlorides | | RUSH TAT (Pre-Schedule) 24, 4 | Standard TAT |
| 01 | | p-01.0 A | 6.445 <u>8.4468.4668.4648.</u> | 1' | 1' | 8/12/2011 | 11:27 AM | <u>u</u> . | - | X | uf min | - | | | - | | | S | | x | | | | | - | Ť | x | | | x | | | X |
| 02 | | 02.0 A | | 2' | 2' | 8/12/2011 | 11:54 AM | | + - | x | | | | | | | | S | _ | x | | | | | | | x | | | x | | | X |
| 103 | | p-03.0 A | | 3' | 3' | 8/12/2011 | 12:33 PM | | 1 | X | _ | | | | | | _ - | S | -1- | × | | | | | | ┝━╍┤ | x | _ | | × | | | X |
| 04 | | p-01.0 B | | 1' | 1' | 8/12/2011 | 1:17 PM | - | | X | 1 | | + | | | | _ - | <u> </u> | -1- | X | | +- | | | | | X X | | | X V | + | + | × × |
| 22 | Comj | 5-02.0 B | | 2' | 2' | 8/12/2011 | 1.37 PM | - | $\left \right ^{1}$ | × | | | \vdash | | | | ┢ | S | | <u>× </u> | - - | ╈ | | | | i l | | | | <u>× </u> | | - | Ê |
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| | PLEASE PU | | | | | | | | | | | <u> </u> | | | -+ | | - - | | | | | - | - | | $\left - \right $ | | -+ | | | ╀ | | ┢ | |
| Special I | ON SEPARA nstructions: | and a second sec | | EX: 80 | 21B | l & Chlorides. | Please show | / BT | IEX | (re | sult | as | s ing | /kg | Th | ank y | you | | | | | | | | | ents | | - han | | 19 |) | | |
| Relinquish Amber Car | | JINIM | Date 08/15/11 | Tir 10 25 | | Raceived by | ana a stan an ai _{n dep} using a | | | | - | | | (مايولىدىم) | | Ē | ale | | Ti | me | | DCs ibels usloc | Free on c ly se | of H conta als c | Head alneri on co | Intac Ispac (s) ontai poler | ce? iner(s | 5) | | Street of | | N N N N | |
| Relinquish | ed by | ≠111_⊾₩K-L, | Date Date | Tin Tin | | Received by Received by ELC | T | | | | | | | | | | ate | | | ma | S | ampla by by | e Hai Sami Cour | nd D pler/(ier? | Clien | ered ht Re UPS | р7 [| JHL | (Fe | ÷+- adEr | 5 Di on | N N N ne St | ar |
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XENCO Laboratories Atlanta, 3oca 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: | Jates Petroleum | |
|------------|-----------------|---|
| Date/Time: | 8-16-11 9:5D | |
| Lab ID # : | 420794 / 435795 | |
| Initials: | 42 | - |

Sample Receipt Checklist

| 1. Samples on ice? | Blue | Water | No | |
|---|-------------|-------|--------------|----|
| 2. Shipping container in good condition? | Tes | No | None | |
| 3. Custody seals intact on shipping container (cooler) and bottles? | Tes | No | N/A | |
| 4. Chain of Custody present? | Tes | 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 | | i |
| 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 | o | Cooler 5 No. | |
| Ibs (J.) °C Ibs °C Ibs | °C lbs | ' °C | lbs | °C |

Nonconformance Documentation

| Contact: | Contacted by: | Date/Time: |
|-----------------------|---|------------|
| Regarding: | | |
| | | |
| Corrective Action Tak | en: | |
| | | |
| | | |
| | | |
| Check all that apply: | Cooling process has begun shortly condition acceptable by NEL4 | |

 \Box initial and Backup Temperature confirm out of temperature conditions \Box Client understands and would like to proceed with analysis

Analytical Report 427563

for

Yates Petroleum Corporation

Project Manager: Amber Cannon

Graham AKB State # 8

30-015-31913

21-SEP-11

Collected By: Client



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 (AZ0765), 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 Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





21-SEP-11

Project Manager: Amber Cannon Yates Petroleum Corporation 105 South Fourth St. Artesia, NM 88210

Reference XENCO Report No: 427563 Graham AKB State # 8 Project Address: Eddy County

Amber Cannon:

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 427563. 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. 427563 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 427563

Yates Petroleum Corporation, Artesia, NM

Graham AKB State # 8

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|----------------|--------------|---------------|
| Grab 04 0 | S | 09-13-11 09:05 | 4 - 4 ft | 427563-001 |
| Grab 05.0 | S | 09-13-11 09:10 | 5 - 5 ft | 427563-002 |
| Grab 06 0 | S | 09-13-11 09:15 | 6 - 6 ft | 427563-003 |

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Graham AKB State # 8



 Project ID:
 30-015-31913

 Work Order Number:
 427563

Report Date: 21-SEP-11 Date Received: 09/14/2011

Sample receipt non conformances and comments: None

Sample receipt non conformances and comments per sample:

None



Project Id: 30-015-31913

Project Location: Eddy County

Contact: Amber Cannon

Certificate of Analysis Summary 427563

Yates Petroleum Corporation, Artesia, NM

Project Name: Graham AKB State # 8



Date Received in Lab: Wed Sep-14-11 09 30 am Report Date: 21-SEP-11

Project Manager: Bient Bairon II

| | | | | | | | | Project Manager: | Bient Barron II | |
|---------------------|------------|-------------|-------|-----------|-------|-------------|-------|------------------|-----------------|--|
| | Lab Id: | 427563-(| 001 | 427563-0 | 002 | 427563-0 | 03 | | | |
| Analysis Requested | Field Id. | Grab 04 | 0 | Grab 05 | 0 | Grab 06 | 0 | | | |
| Zinniysis Kequesten | Depth: | 4-4 ft | | 5-5 ft | | 6-6 ft | | | | |
| | Matrix: | SOIL | | SOIL | | SOIL | | | | |
| - | Sampled: | Sep-13-11 (| 09.05 | Sep-13-11 | 09-10 | Sep-13-11 (| 09.15 | | | |
| Anions by E300 | Extracted: | | | 11 BALL | | | | | | |
| | Analyzed: | Sep-15-11 | 18.54 | Sep-15-11 | 18 54 | Sep-15-11 | 18 54 | | | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | | | |
| Chloride | | 1780 | 181 | 39 9 | 4.38 | 7 70 | 4 32 | | | |
| Percent Moisture | Extracted: | | | | | | | | | |
| [| Analyzed: | Sep-14-11 | 13.15 | Sep-14-11 | 13-15 | Sep-14-11 | 13.15 | | | |
| | Units/RL: | % | RL | % | RL | % | RL | | | |
| Percent Moisture | | 7 00 | 1 00 | 4 03 | 1 00 | 2.75 | 1.00 | | | |

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Brent Barron II

Odessa Laboratory Manager

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| 12600 West I-20 East, Odessa, TX 79765 |
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| (770) 449-8800 | (770) 449-5477 |
| (602) 437-0330 | |
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|--|--|------------------------------|-------------------|-----------------------------|--------------|--------------------|-----------------------|-----------|--|-------|--------------------|-----------------------------|----------------------------------|------------------|----------------------------|------------------------------|--------------------|---------------------|---|--|---|---|---|--|---------------------|------|--------------------|-----|--|-----|
| Project | Manager: Amber Cannon | | | | | | | | | | | | | | | Pro | oject | Nan | 1e: (| Gra | ha | m | AK | <u>3 S</u> | tat | e # | 8 | | | |
| Compar | Company Name Yates Petroleum Corporation | | | | | | | | | | | | | | | | Pre | oject | #: _ | 30-0 | 15- | 319 | 13 | | | | | | | |
| Compa | ny Address: 105 South 4th Street | ddress: 105 South 4th Street | | | | | | | | | | | | | | Р | roje | ct Lo | oc. <u>f</u> | ddy | Cou | unty | | | | | | | | |
| City/Sta | ite/Zip Artesla, NM 88210 | 0PO#: 10 | | | | | | | | | | #: 1032020 | | | | | | | | | | | | | | | | | | |
| Telepho | one No: 575-748-4111 | Fax No | | | | | | | 8-45 | 85 | | | Report Format. X Slandard TRRP N | | | | | | | | | PDE | S | | | | | | | |
| Sample | r Signature: Amber Car | nnn | ٦ | | e-mail | | | <u>ac</u> | cannon@yatespetroleum.com Analyze For | | | | | | | | | | 71 | | | | | | | | | | | |
| (lab use only) | | | | | | | | | | | | | | | | | E | | | TCL | Р | | -yze i | - <u>or</u> | Ţ | ŗ— | ŢΤ | - | | |
| ORDER #: | 12563 | | | | | | | | Prese | vatio | n & # | of Co | laner | 5 | Ма | trix | 15B | | | TOTA | | 3 | + | | - | | | | 48, 72 h | |
| AB # (lab use oniy) | FIELD CODE | Beginning Depth | Ending Depth | Date Sampled | Time Sampled | reid Filtered | fotal # of Containers | | HND3 | HCI | H ₅ SO. | NaOH | Nane | Other (Specity) | DW=Drmking Water SL=Studge | NP=Non-Potable Specify Other | TPH 416.1 8015M 80 | TPH TX 1005 TX 1006 | Cations (Ca, Mg, Na K) | Anions (Cl, SO4, Alkalinity) | É Ì | Metals As Ag Ba Cd Cr Pb Hg | Volatiles Semivolatiles | BTEX 80218/5030 or BTEX 6260 | RCI | NORM | Chlorides | | RUSH TAT (Pro-Schodule) 24, 48, 72 hrs | |
| 01 | Grab 04.0 | 4' | 4' | 9/13/2011 | 9:05 AM | | 1 | | | | | | | | | 3 | Ĺ | | | | | | | | | | x | | | 1 |
| Da | Grab 05 0 | 5' | 5' | 9/13/2011 | 9:10 AM | L | 1 | | | | | | | | | 3 | | | | | | | | | | | x | | | 4 |
| 03 | Grab 06 0 | 6' | 6' | 9/13/2011 | 9:15 AM | | 1 | | - | - | | | $\left - \right $ | _ | | 3 | | | -+ | + | | +- | | ┿ | ╂ | | X | | - - | - |
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| | | | <u> </u> | | | | | | | | | | | | | | | | | | 1 | | | T | | | \Box | | \Box | - |
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| pecial Instruction phonuished by LMDer C | s: annun 9/12/201 Data | 13:0 | me 2. P | Received by Received by: | | | | | | | | | | Dai | | | Time | | Sam VOC Labe Custo Custo Sam | ole C s Fre ls or ody s ody s ole f | Conta ee of con seals seals fand | ainei If Hei Intain Is on Is on I Dei Ier/Cli | imen rs int adsp ber(s) cont cool ivere ient F | tact? bace?) tainer ler(s) ad Ren 1 | 7 r(s) } 7 | . / | ~~~ | | 2 2 2 2 4 3 2 2 2 2 2 2 4 3 2 2 | |
| Fechy | C Date | Tio | ne | Received by ELC | head | ŦĴ¢ | | w | 1 | | | | 9. | Dal 14 | | | Tima X | 5 | a Femj | v Cp C peral | lure | ż (Upo | UF 11-4 In Re | 55 sceip | t | - \ | - | 1.5 | | |

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NZ P C 104



XENCO Laboratories

Atlanta, Boca Ration, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia

Phoenix, San Antonic, 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 | Yorks Petroleum |
|------------|-----------------|
| Date/Time: | 9.14.11 9:30 |
| Lab ID # : | 427563 |
| Initials: | <u> </u> |

Sample Receipt Checklist

| 1. Samples on ice? | Blue | Water | No | |
|---|------------|-------|--------------|----|
| 2. Shipping container in good condition? | Tes | No | None | |
| 3. Custody seals intact on shipping container (cooler) and bottles? | Tes | No | N/A | |
| 4. Chain of Custody present? | (Fes | 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)? | (jès | No | | |
| 9. Container labels legible and intact? | (Yes) | No | | |
| 10. Sample matrix / properties agree with chain of custody? | Yes | No . | | 1 |
| 11. Samples in proper container / bottle? | Yes | No | | |
| 12. Samples property 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 | (NIÀ) | |
| 17. VCC sample have zero head scace? | Yes | No | (NA) | |
| 18. Cooler 1 No. Cooler 2 No. Cooler 3 No. | Cooler 4 N | o. | Cooler 5 No. | |
| | lbs | °C | lbs | °C |

Nonconformance Documentation

| Contact | Contacted by: | Date/Time: |
|-----------------------|---|---|
| Regarding: | | |
| Corrective Action Tak | en: | |
| | | |
| Check all that apply: | Cooling process has begun shortly after condition acceptable by NELAC 5 Initial and Backup Temperature confirm Client understands and would like to pr | 5.5.8.3.1.a.1. n out of temperature conditions |