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Analytical Report

Prepared for:

Sherry Bonham Yates Petroleum Corp. 105 S. Fourth St. Artesia, NM 88210

Project: Hornbaker BA

Project Number: 25-185-25E-G Location: Eddy County

Lab Order Number: 6K09004

Report Date: 11/10/06

| Yates Petroleum Corp. | Project: Hornbaker BA 1 | Fax: (505) 748-4662 |
|-----------------------|--------------------------------|---------------------|
| 105 S. Fourth St. | Project Number: 25-185-25E-G | |
| Artesia NM, 88210 | Project Manager: Sherry Bonham | |
| | ANAL VTICAL DEDORTEOD SAMPLES | |

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|------------------|
| ВН-1 | 6K09004-01 | Soil | 11/06/06 15:30 | 11-09-2006 09:20 |
| BH-2 | 6K09004-02 | Soil | 11/06/06 15:45 | 11-09-2006 09:20 |
| SW-I | 6K09004-03 | Soil | 11/06/06 16:00 | 11-09-2006 09:20 |

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Project: Hornbaker BA I Project Number: 25-185-25E-G Project Manager: Sherry Bonham

Organics by GC

Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Bronniad | Anahumad | Mathed | Notor |
|-----------------------------------|------------|--------------------|-----------|----------|---------|----------|-----------|-----------|-------|
| BH-1 (6K09004-01) Soil | | | | | | | Anary 200 | | |
| Benzene | ND | 0.0250 | mg/kg dıy | 25 | EK60914 | 11/09/06 | 11/09/06 | EPA 8021B | |
| Toluene | ND | 0.0250 | | " | " | *1 | ** | " | |
| Ethylbenzene | 0.0335 | 0.0250 | u | ** | " | - 11 | | 17 | |
| Xylene (p/m) | 0.0657 | 0.0250 | Ħ | | | | | | |
| Xylene (o) | ND | 0.0250 | v | " | | " | | U | |
| Surrogate: a.a.a-Trifluorotoluene | | 84.5 % | 80-1 | 20 | " | " | " | 11 | |
| Surrogate: 4-Bromofluorobenzene | | 85.5 % | 80-1 | 20 | " | " | " | " | |
| Carbon Ranges C6-C10 | J [9.12] | 10.0 | mg/kg dry | 1 | EK60814 | 11/09/06 | 11/09/06 | EPA 8015B | J |
| Carbon Ranges >C10-C28 | 188 | 10.0 | Ħ | | D | μ | v | . " | |
| Total Carbon Range C6-C28 | 188 | 10.0 | u | " | | | • | и | |
| Surrogate: 1-Chlorooctane | | 108 % | 70-1 | 30 | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | • | 126 % | 70-1 | 30 | u | n | " | " | |
| BH-2 (6K09004-02) Soil | | | | | | | | | |
| Benzene | J [0.0176] | 0.0250 | mg/kg dry | 25 | EK60914 | 11/09/06 | 11/09/06 | EPA 8021B | J |
| Toluene | 0.0397 | 0.0250 | " | | ** | в | 'n | 11 | |
| Ethylbenzene | 0.0604 | 0.0250 | " | " | | " | " | " | |
| Xylene (p/m) | 0.145 | 0.0250 | " | •• | " | " | | n | |
| Xylene (o) | 0.0530 | 0.0250 | " | | " | | N | " | |
| Surrogate: a,a,a-Trifluorotoluene | | 92.5 % | 80-1 | 20 | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 111% | 80-1 | 20 | " | " | " | " | |
| Carbon Ranges C6-C10 | 13.2 | 10.0 | mg/kg dry | 1 | EK60814 | 11/09/06 | 11/09/06 | EPA 8015B | |
| Carbon Ranges >C10-C28 | 84.0 | 10.0 | " | | | " | " | " | |
| Total Carbon Range C6-C28 | 97.2 | 10,0 | " | n | " | " | n | " | |
| Surrogate: 1-Chlorooctane | | 100 % | 70-1 | 30 | " | " | " | " | |
| Surrogate: 1-Chlorooctadecane | | 112% | 70-1 | 30 | " | " | ** | " | |
| SW-1 (6K09004-03) Soil | | | | | <u></u> | | | | |
| Benzene | ND | 0.0250 | mg/kg dry | 25 | EK60914 | 11/09/06 | 11/09/06 | EPA 8021B | |
| Toluene | ND | 0.0250 | " | " | " | | u | " | |
| Ethylbenzene | J [0.0223] | 0.0250 | | и | " | | | " | J |
| Xylene (p/m) | 0.0805 | 0.0250 | " | | " | ** | • | Ħ | |
| Xylene (0) | 0.0489 | 0.0250 | " | | " | " | | | |
| Surrogate: a,a,a-Trifluorotoluene | | 81.2 % | 80-1 | 120 | n | " | ** | n | |
| Surrogate: 4-Bromofluorobenzene | | 103 % | 80- | 120 | " | " | " | " | |
| Carbon Ranges C6-C10 | 18.2 | 10.0 | mg/kg dry | 1 | EK60814 | 11/09/06 | 11/09/06 | EPA 8015B | |
| Carbon Ranges >C10-C28 | 253 | 10.0 | | | | " | " | | |
| Total Carbon Range C6-C28 | 271 | 10.0 | " | " | » | n | u | " | |

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety,

with written approval of Environmental Lab of Texas.

| Yates Petroleum Corp. | Project: Hornbaker BA I | Fax: (505) 748-4662 |
|-----------------------|--------------------------------|---------------------|
| 105 S. Fourth St. | Project Number: 25-185-25E-G | |
| Artesia NM, 88210 | Project Manager: Sherry Bonham | , |

Organics by GC Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| SW-1 (6K09004-03) Soil | | | | | | | | | |
| Surrogate: 1-Chlorooctane | | 105 % | 70-1 | 30 | EK60814 | 11/09/06 | 11/09/06 | EPA 8015B | |
| Surrogate: 1-Chlorooctadecane | | 115% | 70-1 | 130 | " | " | " | " | |

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General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

| | <u> </u> | Reporting | | | | | | | |
|-------------------------|----------|-----------|-------|----------|---------|----------|----------|---------------|-------|
| Analyte | Result | Limit | Units | Dilution | Batch | Prepated | Analyzed | Method | Notes |
| BII-1 (6K09004-01) Soil | | | | | | | | | |
| % Moisture | 10.7 | 0.1 | % | 1 | EK60915 | 11/09/06 | 11/09/06 | % calculation | |
| BH-2 (6K09004-02) Soil | | | | ~ | | | | | |
| % Moisture | 16.8 | 0.1 | % | l | EK60915 | 11/09/06 | 11/09/06 | % calculation | |
| SW-1 (6K09004-03) Soil | | | | | | | | | |
| % Moisture | 12.4 | 0.1 | % | i | EK60915 | 11/09/06 | 11/09/06 | % calculation | |

Environmental Lab of Texas

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| Yates Petroleum Corp. | Project: | Hornbaker BA 1 | Fax: (505) 748-4662 |
|-----------------------|------------------|--------------------|---------------------|
| 105 S. Fourth St. | Project Number: | 25-185-25E-G | |
| Artesia NM, 88210 | Project Manager: | Sherry Bonham | |
| L | 0 | Overliter Constant | |

Organics by GC - Quality Control

Environmental Lab of Texas

| [| | Reporting | | Spike | Source | e | %REC | | RPD | |
|---|----------|---------------|-----------|-----------|----------|-----------|----------|-----------|-------------------------------------|-------|
| Analyte | Result | Limit | Units | Level | Result | N %REC | C Limits | RPD | Limit | Notes |
| Batch EK60814 - Solvent Extraction (GC) | <u> </u> | | | | | | | | | |
| Blank (EK60814-BLK1) | | | | Prepared: | 1/08/06 | Analyzed: | 11/09/06 | | | |
| Carbon Ranges C6-C10 | ND | 10.0 | mg/kg wet | | | | | · · · · · | | |
| Carbon Ranges >C10-C28 | ND | 10.0 | | | | | | | | |
| Total Carbon Range C6-C28 | ND | 10.0 | " | | | | | | | |
| Surrogate: 1-Chlorooctane | 55.3 | | mg/kg | 50.0 | | 111 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 64.8 | | " | 50.0 | | 130 | 70-130 | | | |
| LCS (EK60814-BS1) | | | | Prepared: | 1/08/06 | Analyzed: | 11/09/06 | | | |
| Carbon Ranges C6-C10 | 576 | 10.0 | mg/kg wet | 500 | | 115 | 75-125 | | | |
| Carbon Ranges >C10-C28 | 487 | 10.0 | " | 500 | | 97.4 | 75-125 | | | |
| Total Carbon Range C6-C28 | 1060 | 10.0 | n | 1000 | | 106 | 75-125 | | | |
| Surrogate: 1-Chlorooctane | 63.5 | | mg/kg | 50.0 | | 127 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 62.8 | | " | 50.0 | | 126 | 70-130 | | | |
| Calibration Check (EK60814-CCV1) | | | | Prepared: | 11/08/06 | Analyzed: | 11/09/06 | | | |
| Carbon Ranges C6-C10 | 228 | | mg/kg | 250 | | 91.2 | 80-120 | | | |
| Carbon Ranges >C10-C28 | 249 | | U | 250 | | 99.6 | 80-120 | | | |
| Total Carbon Range C6-C28 | 477 | | n | 500 | | 95.4 | 80-120 | | | |
| Surrogate: 1-Chlorooctane | 49.7 | | н | 50.0 | | 99.4 | 70-130 | | · · · · · · · · · · · · · · · · · · | |
| Surrogate: 1-Chlorooctadecane | 51.5 | | " | 50.0 | | 103 | 70-130 | | | |
| Matrix Spike (EK60814-MS1) | Sou | irce: 6K08003 | 3-02 | Prepared: | 1/08/06 | Analyzed: | 11/09/06 | | | |
| Carbon Ranges C6-C10 | 661 | 10.0 | mg/kg diy | 586 | ND | 113 | 75-125 | • •• •• | | |
| Carbon Ranges >C10-C28 | 548 | 10.0 | " | 586 | ND | 93.5 | 75-125 | | | |
| Total Carbon Range C6-C28 | 1210 | 10,0 | " | 1170 | ND | 103 | 75-125 | | | |
| Surrogate: 1-Chlorooctane | 62.5 | | mg/kg | 50.0 | | 125 | 70-130 | | | |
| Surrogate: 1-Chlorooctadecane | 64.4 | | " | 50.0 | | Ĭ29 | 70-130 | | | |
| Matrix Spike Dup (EK60814-MSD1) | Sou | ırce: 6K08003 | 3-02 | Prepared: | 11/08/06 | Analyzed: | 11/09/06 | | | |
| Carbon Ranges C6-C10 | 656 | 10.0 | mg/kg dry | 586 | ND | 112 | 75-125 | 0.759 | 20 | |
| Carbon Ranges >C10-C28 | 54 | 10.0 | " | 586 | ND | 92.3 | 75-125 | 1.29 | 20 | |
| Total Carbon Range C6-C28 | 1200 | 10.0 | 11 | 1170 | ND | 103 | 75-125 | 0.830 | 20 | |
| Surrogate: 1-Chlorooctane | 61.6 | · | mg/kg | 50.0 | | 123 | 70-130 | | <u>.</u> | |
| Surrogate: 1-Chlorooctadecane | 56.7 | | " | 50.0 | | 113 | 70-130 | | | |

Environmental Lab of Texas

Project: Hornbaker BA 1 Project Number: 25-185-25E-G Project Manager: Sherry Bonham

Organics by GC - Quality Control

Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|--------------------|-----------|----------------|------------------|----------|----------------|-----|--------------|----------|
| Batch EK60914 - EPA 5030C (GC) | | | | | | | | | | |
| Blank (EK60914-BLK1) | | | | Prepared & | z Analyzed: | 11/09/06 | | | | |
| Benzene | ND | 0.0250 | mg/kg wet | ' | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | |
| Xylene (p/m) | ND | 0.0250 | | | | | | | | |
| Nylene (0) | ND | 0.0250 | | | | | | | | |
| Surrogate: a,a,a-Trifluorotoluene | 33.0 | | ug/kg | 40,0 | · · · · · | 82.5 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 37.1 | | " | 40.0 | | 92.8 | 80-120 | | | |
| LCS (EK60914-BS1) | | | | Prepared & | Analyzed: | 11/09/06 | | | | |
| Benzene | 1.28 | 0.0250 | mg/kg wet | 1.25 | | 102 | 80-120 | | | |
| Toluene | 1.16 | 0.0250 | | 1.25 | | 92.8 | 80-120 | | | |
| Ethylbenzene | 1.18 | 0.0250 | • | 1.25 | | 94.4 | 80-120 | | | |
| Xylene (p/m) | 2.40 | 0.0250 | " | 2.50 | | 96.0 | 80-120 | | | |
| Xylene (0) | 1.19 | 0.0250 | | 1.25 | | 95.2 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 37.4 | | ug/kg | 40.0 | ··· ··· | 93.5 | 80-120 | | | <u>-</u> |
| Surrogate: 4-Bromofluorobenzene | 38.4 | | " | 40.0 | | 96,0 | 80-120 | | | |
| Calibration Check (EK60914-CCV1) | | | | Prepared & | Analyzed: | 11/09/06 | | | | |
| Benzene | 48.5 | | ng/kg | 50.0 | | 97.0 | 80-120 | | | |
| Toluene | 42.4 | | * | 50.0 | | 84.8 | 80-120 | | | |
| Ethylbenzene | 43.5 | | " | 50.0 | | 87.0 | 80-120 | | | |
| Xylene (p/m) | 85.3 | | | 100 | | 85.3 | 80-120 | | | |
| Xylene (0) | 43.0 | | u | 50.0 | | 86.0 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 36.4 | | # | 40.0 | | 91.0 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 36.4 | | | 40.0 | | 91.0 | 80-120 | | | |
| Matrix Spike (EK60914-MSI) | Sou | rce: 6K09004 | 4-01 | Prepared & | 2 Analyzed: | 11/09/06 | | | | |
| Benzene | 1.50 | 0.0250 | mg/kg dry | 1.40 | ND | 107 | 80-120 | | | |
| Toluene | 1.41 | 0.0250 | " | 1.40 | ND | 101 | 80-120 | | | |
| Ethylbenzene | 1.34 | 0.0250 | | 1.40 | 0.0335 | 93.3 | 80-120 | | | |
| Xylene (p/m) | 2.91 | 0.0250 | | 2.80 | 0.0657 | 102 | 80-120 | | | |
| Xylene (0) | 1.37 | 0.0250 | | 1.40 | ND | 97.9 | 80-120 | | | |
| Surrogate: a,a,a-Trifluorotoluene | 35.6 | | ng/kg | 40.0 | | 89.0 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 41.2 | | " | 40.0 | | 103 | 80-120 | | | |

Project: Hornbaker BA 1 Project Number: 25-185-25E-G Project Manager: Sherry Bonham

Organics by GC - Quality Control

Environmental Lab of Texas

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|---------|--------|-----------|-------|-------|--------|------|--------|-----|-------|-------|
| | | Reporting | | Spike | Source | | %REC | | RPD | |
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |

Batch EK60914 - EPA 5030C (GC)

| Matrix Spike Dup (EK60914-MSD1) | Sour | ce: 6K09004 | 4-01 | Prepared & | & Analyzed: | 11/09/06 | | | |
|-----------------------------------|------|-------------|-----------|------------|-------------|----------|--------|-------|----|
| Benzene | 1.30 | 0.0250 | mg/kg dry | 1.40 | ND | 92.9 | 80-120 | 14.1 | 20 |
| Tolucne | 1.27 | 0.0250 | u | 1.40 | ND | 90.7 | 80-120 | 10.7 | 20 |
| Ethylbenzone | 1.25 | 0.0250 | , | 1.40 | 0.0335 | 86.9 | 80-120 | 7.10 | 20 |
| Xylenc (p/m) | 2.76 | 0.0250 | | 2.80 | 0.0657 | 96.2 | 80-120 | 5.85 | 20 |
| Xylene (0) | 1,36 | 0.0250 | | 1.40 | ND | 97.1 | 80-120 | 0.821 | 20 |
| Surrogate: a,a,a-Trifhuorotohuene | 32.6 | | ug/kg | 40.0 | | 81.5 | 80-120 | | |
| Surrogate: 4-Bromofluorobenzene | 35.9 | | " | 40.0 | | 89.8 | 80-120 | | |

Environmental Lab of Texas

| I | Yates Petroleum Corp. | Project: Hornbaker BA 1 | Fax: (505) 748-4662 |
|---|-----------------------|--------------------------------|---------------------|
| ł | 105 S. Fourth St. | Project Number: 25-185-25E-G | |
| | Artesia NM, 88210 | Project Manager: Sherry Bonham | |

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|--------------------|-------|----------------|------------------|----------|----------------|------|--------------|-------|
| Batch EK60915 - General Preparation (Prep) | | | | | <u> </u> | | | | | |
| Blank (EK60915-BLK1) | | | | Prepared & | Analyzed: | 11/09/06 | | | | |
| % Solids | 99.7 | | % | | | | | | | |
| Duplicate (EK60915-DUP1) | Sou | rce: 6K09004- | 01 | Prepared & | Analyzed: | 11/09/06 | | | | |
| % Solids | 89.3 | | % | | 89.3 | | | 0.00 | 20 | |

Environmental Lab of Texas

| Artesia NM, 88210 | Project Manager: Sherry Bonham | |
|--|---|---------------------------------|
| Yates Petroleum Corp. 105 S. Fourth St. | Project: Hornbaker BA 1 Project Number: 25-185-25E-G | Fax ⁻ (505) 748-4662 |

| ì | Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). |
|-----|---|
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dıy | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| LCS | Laboratory Control Spike |
| MS | Matrix Spike |

Dup Duplicate

Report Approved By:

Raland K that Date:

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Dircctor, Org. Tech Director Peggy Allen, QA Officer Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

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11/10/2006



Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

| Client: | Yates Petroleum | |
|-------------|-----------------|--|
| Date/ Time: | 11-09-06 @ 0920 | |
| Lab ID # : | 6 KOGOO4 | |
| Initials: | JMM | |

Sample Receipt Checklist

| | | | | (| Client Initials |
|-----|--|-------|----|--------------------------|-----------------|
| #1 | Temperature of container/ cooler? | Kes | No | 2.S °C | |
| #2 | Shipping container in good condition? | (es) | 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? | Hes | 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? | (es) | No | | |
| #16 | Containers documented on Chain of Custody? | Ves | 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 | 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

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Analytical Report

Prepared for:

Sherry Bonham Yates Petroleum Corp. 105 S. Fourth St. Artesia, NM 88210

Project: Hornbaker BA 1 Project Number: 25-185-25E-G Location: Eddy County

Lab Order Number: 6K09004

Report Date: 11/10/06

| Yates Petroleum Corp. | Project: Hornbaker BA 1 | Fax: (505) 748-4662 |
|-----------------------|--------------------------------|---------------------|
| 105 S. Fourth St. | Project Number: 25-185-25E-G | |
| Artesia NM, 88210 | Project Manager: Sherry Bonham | |

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ANALYTICAL REPORT FOR SAMPLES

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| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|-------------------|
| BH-I | 6K09004-0I | Soil | 11/06/06 15:30 | 11-09-2006 09:20 |
| BH-2 | 6K09004-02 | Soil | 11/06/06 15:45 | 11-09-2006 09:20 |
| SW-1 | 6К09004-03 | Soil | 11/06/06 16:00 | .11-09-2006 09:20 |

| Yates Petroleum Corp. | Project: | Hornbaker BA I | Fax: (505) 748-4662 |
|-----------------------|------------------|----------------|---------------------|
| 105 S. Fourth St. | Project Number: | 25-185-25E-G | |
| Artesia NM, 88210 | Project Manager: | Sherry Bonham | |

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| BH-1 (6K09004-01) Soil | | | | | | | | | |
| Chloride | 548 | 20.0 | mg/kg | 40 | EK60909 | 11/09/06 | 11/09/06 | EPA 300.0 | |
| B11-2 (6K09004-02) Soil | | | | | | | | | |
| Chloride | 709 | 20.0 | mg/kg | 40 | EK60909 | 11/09/06 | 11/09/06 | EPA 300.0 | |
| SW-1 (6K09004-03) Soil | | | | | | | | | |
| Chloride | 664 | 25.0 | mg/kg | 50 | EK60909 | 11/09/06 | 11/09/06 | EPA 300.0 | |

Environmental Lab of Texas

Yates Petroleum Corp.Project:Hornbaker BA 1105 S. Fourth St.Project Number:25-185-25E-GArtesia NM, 88210Project Manager:Sherry Bonham

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

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|----------------------------------|--|--------------|-------|-------------------------------|------------|------------|--------|-------------------|-------|-------|
| | | Reporting | | Spike | Source | | %REC | | RPD | |
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch EK60909 - Water Extraction | | <u> </u> | | | | | | | | |
| Blank (EK60909-BLK1) | | | | Prepared & | 2 Analyzed | · 11/09/06 | | | | |
| Chloride | ND | 0.500 | mg/kg | | | | | | | |
| LCS (EK60909-BS1) | | • | | Prepared & | & Analyzed | : 11/09/06 | | | | |
| Chloride | 11.0 | 0.500 | mg/kg | 10.0 | | 110 | 80-120 | | | |
| Calibration Check (EK60909-CCV1) | | | | Prepared & Analyzed: 11/09/06 | | | | | | |
| Chloride | 11.2 | | mg/L | 10.0 | | 112 | 80-120 | | | |
| Duplicate (EK60909-DUP1) | Sou | rce: 6K08002 | -02 | Prepared & Analyzed: 11/09/06 | | | | | | |
| Chloride | 149 | 5.00 | mg/kg | | 157 | <u></u> | | 5.23 | 20 | |
| Duplicate (EK60909-DUP2) | Sou | rce: 6K08002 | -12 | Prepared & Analyzed: 11/09/06 | | | | | | |
| Chloride | 1.08 | 5.00 | mg/kg | | 1.05 | | | 2.82 | 20 | l. |
| Matrix Spike (EK60909-MS1) | Source: 6K08002-02 | | | Prepared & Analyzed: 11/09/06 | | : 11/09/06 | | | | |
| Chloride | 264 | 5,00 | mg/kg | 100 | 157 | 107 | 80-120 | | | |
| Matrix Spike (EK60909-MS2) | Source: 6K08002-12 | | | Prepared & Analyzed: 11/09/06 | | | | | | |
| Chloride | 106 | 5.00 | mg/kg | 100 | 1.05 | 105 | 80-120 | · <u>···</u> ···· | | |

Environmental Lab of Texas

| Yates Petroleum Corp. 105 S. Fourth St. Artesia NM, 88210 | | Project: Project Number: Project Manager: | Hornbaker BA 1 25-185-25E-G Sherry Bonham | Fax: (505) 748-466 |
|---|---|---|---|--------------------|
| | | Notes and De | finitions | |
| J | Detected but below the Reporting Limit; therefor | e, result is an estimate | d concentration (CLP J-Flag). | |
| DET | Analyte DETECTED | | | |
| ND | Analyte NOT DETECTED at or above the reporting line | nit | | |
| NR | Not Reported | | | |
| dry | Sample results reported on a dry weight basis | | | |
| RPD | Relative Percent Difference | | | |
| LCS | Laboratory Control Spike | | | |
| MS | Matrix Spike | | | |

Dup Duplicate

Report Approved By:

Raland K that Date:

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director Peggy Allen, QA Officer Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

11/10/2006

| | | Environmental L | ab of Texas | | | | CHAIN C | DF CUSTOD) | ' RECORD | AND ANA | LYSIS REQUE | ST 200 | • |
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| (в) (в) <td>Image: Second Second</td> <td>Sampler Signature:</td> <td></td> <td></td> <td>e-mail:</td> <td>sherryt</td> <td>@ypcnm.ct</td> <td>ШC</td> <td></td> <td></td> <td></td> <td></td> <td>ŀ</td> | Image: Second | Sampler Signature: | | | e-mail: | sherryt | @ypcnm.ct | ШC | | | | | ŀ |
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Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

| Client: | Yates Petrolaum | |
|-------------|-----------------|--|
| Date/ Time: | 11-09-06 @ 0920 | |
| Lab ID # : | 6 KOGOO4 | |
| Initials: | JMM | |

Sample Receipt Checklist

| | | | | Client Ini | tials |
|-----|--|-------|----|--------------------------|-------|
| #1 | Temperature of container/ cooler? | Yes | No | 2.5 °C | |
| #2 | Shipping container in good condition? | (es) | 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? | TES | No | Not Applicable | _ |
| #10 | Sample matrix/ properties agree with Chain of Custody? | Xes. | No | | -1 |
| #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? | (es) | No | | |
| #16 | Containers documented on Chain of Custody? | (es) | No | | |
| #17 | Sufficient sample amount for indicated test(s)? | (es) | No | See Below | |
| #18 | All samples received within sufficient hold time? | (Yes) | No | See Below | |
| #19 | VOC samples have zero headspace? | (Yes) | No | Not Applicable | - |

Variance Documentation

| Contact: | <u> </u> | Contacted by: | Date/ Time: |
|--------------------------|----------|--|---------------|
| Regarding: | | | <u> </u> |
| Corrective Action Taken: | | | |
| Check all that Apply: | | See attached e-mail/ fax Client understands and would like to proceed with an Cooling process had begun shortly after sampling eve | alysis ent |

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