

ENVIRONMENTAL
PROTECTION
96 SEP 25 PM 2:55



Chevron

September 23, 1996

Ms. Amy Leech
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing - Northwest Region
Phone 510 842 9500

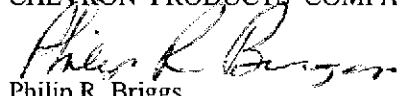
**Re: Chevron Service Station #9-6991
2920 Castro Valley Blvd., Castro Valley, California**

Dear Ms. Leech:

Enclosed is the First Quarter 1996 Groundwater Monitoring Report that was prepared by our consultant Blaine Tech Services Inc., for the above noted site. I apologize for the delay in submitting this report and future reports will be submitted in a timely manner. The groundwater samples collected were analyzed for TPH-g, TPH-d, BTEX and MTBE. Groundwater samples were collected from wells MW-1, 2, and 7. Samples will be collected from monitoring wells MW-1 annually (1st quarter), MW-2 semi-annually (1st and 3rd quarters) and MW-7 quarterly with the reports submitted semi-annually (1st and 3rd quarters).

Dissolved constituents appear to be consistent with previous concentration measurements at the site. Depth to groundwater was measured at 9.06 to 10.10 feet below grade and with a direction of flow to the northwest. Chevron will continue the monitoring program as noted above. If you have any questions, I can be contacted at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY


Philip R. Briggs
Site Assessment and Remediation Project Manager

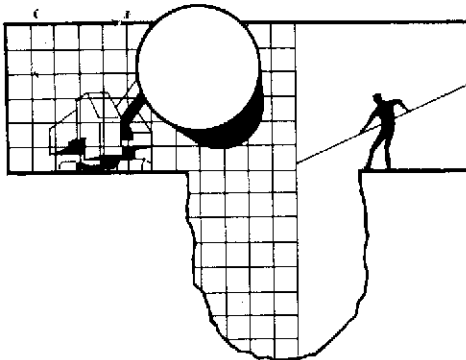
Enclosure

cc. Mr. Bill Scudder, Chevron



BLAINE TECH SERVICES, INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773



PROFESSIONAL
PROTECTION
98 SEP 25 PM 2:55

April 8, 1996

Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

1st Quarter 1996 Monitoring at 9-6991

First Quarter 1996 Groundwater Monitoring at
Chevron Service Station Number 9-6991
2920 Castro Valley Blvd.
Castro Valley, CA

Monitoring Performed on March 5, 1996

Groundwater Sampling Report 960305-D-2

This report covers the routine quarterly monitoring of groundwater wells at this Chevron facility. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated volume of a three-case volume purge, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to Chevron's Richmond Refinery for disposal.

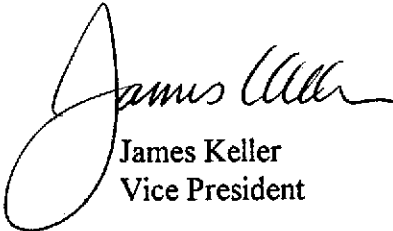
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

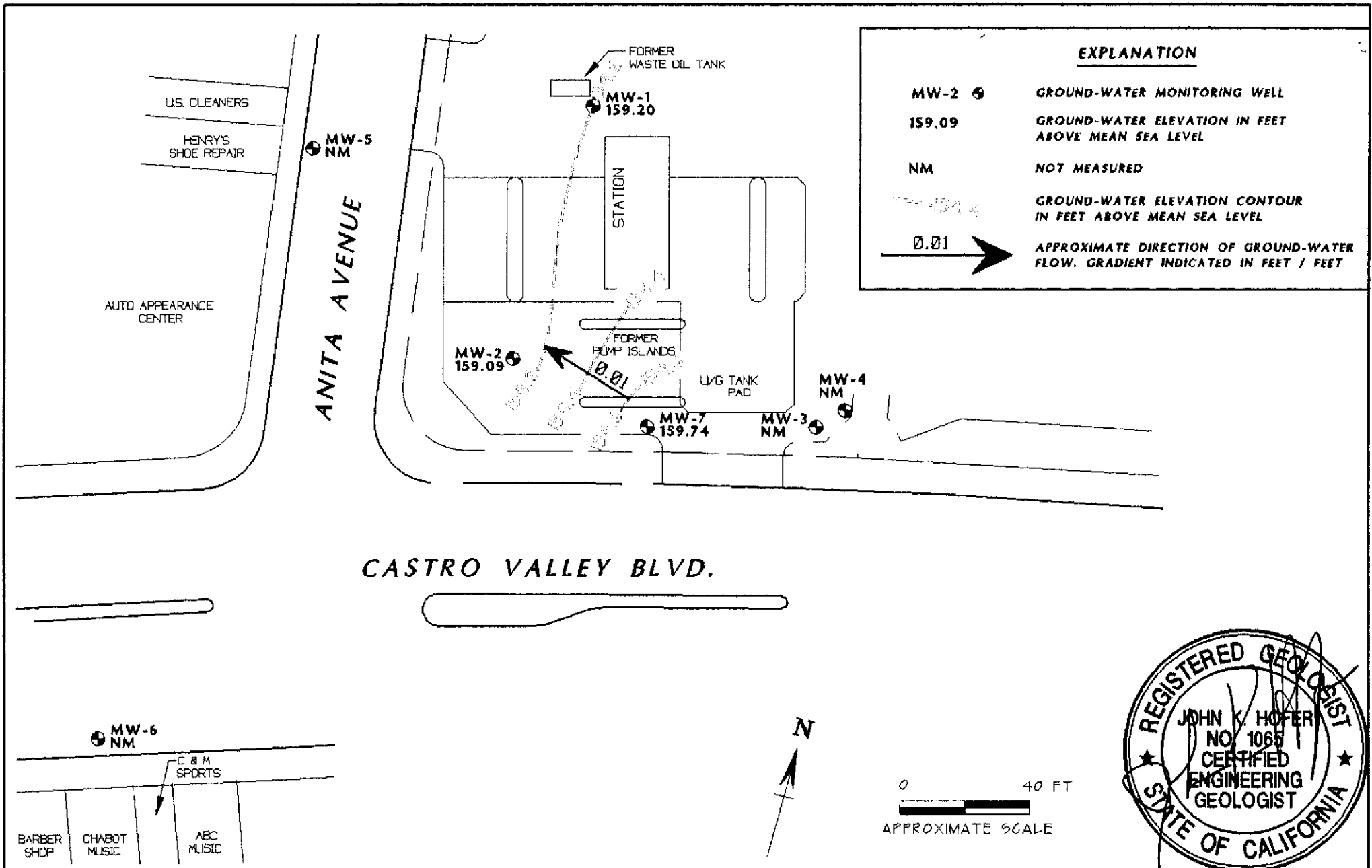


James Keller
Vice President

JPK/dk

attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets


Professional Engineering Appendix



| EXPLANATION | |
|-------------|---|
| MW-2 | GROUND-WATER MONITORING WELL |
| 159.09 | GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL |
| NM | NOT MEASURED |
| | GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL |
| | APPROXIMATE DIRECTION OF GROUND-WATER FLOW. GRADIENT INDICATED IN FEET / FEET |



| | |
|--------|---|
| NOTES: | TITLE : GROUND-WATER ELEVATION CONTOUR MAP - MARCH 5, 1996 |
| | LOCATION : CHEVRON SERVICE STATION #9-6991 2920 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA |
| | SOURCE : CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC |



GEOCONSULTANTS, INC
 SAN JOSE, CALIFORNIA
 Project No. G758-09
 DRWG NO: W030596 REV:

**Table of
Well Data and
Analytical Results**

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TOG |
|-------------|-----------------|--------------------|----------------|------------------|--------------|---------|---------|---------------|--------|------|------------|-------|
| MW-1 | | | | | | | | | | | | |
| 10/08/91 | 169.30 | 158.20 | 11.10 | -- | 230 | 45 | <0.5 | 0.9 | 9.1 | -- | -- | <5000 |
| 11/04/91 | 169.30 | 158.27 | 11.03 | -- | 340 | 120 | <0.5 | <0.5 | 6.1 | -- | -- | -- |
| 12/04/91 | 169.30 | 158.25 | 11.05 | -- | <50 | 3.9 | <0.5 | <0.5 | <0.5 | -- | 170 | <5000 |
| 06/05/92 | 169.30 | 158.26 | 11.04 | -- | 100 | 26 | 0.6 | 0.5 | 1.0 | -- | <50 | -- |
| 10/27/92 | 169.30 | 158.20 | 11.10 | -- | <50 | 11 | <0.5 | <0.5 | <0.5 | -- | 54 | -- |
| 12/30/92 | 169.30 | -- | -- | -- | <50 | 24 | <0.5 | <0.5 | <0.5 | -- | 170 | -- |
| 01/27/93 | 169.30 | 158.67 | 10.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/05/93 | 169.30 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 03/17/93 | 169.30 | 158.59 | 10.71 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 169.30 | 158.29 | 11.01 | -- | <50 | 0.6 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 09/28/93 | 169.30 | 157.35 | 11.95 | -- | <50 | 0.8 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 12/30/93 | 169.30 | 158.34 | 10.96 | -- | <50 | 8.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 04/07/94 | 169.30 | 158.49 | 10.81 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <10 | -- |
| 05/31/94 | 169.30 | 158.38 | 10.92 | -- | <50 | 1.0 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/23/94 | 169.30 | 158.40 | 10.90 | -- | <50 | 1.3 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 11/30/94 | 169.30 | 158.76 | 10.54 | -- | <50 | 8.9 | <0.5 | <0.5 | <0.5 | -- | 570* | -- |
| 03/30/95 | 169.30 | 158.60 | 10.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 110** | -- |
| 06/06/95 | 169.30 | 158.38 | 10.92 | -- | 61 | 15 | <0.5 | <0.5 | <0.5 | -- | 570** | -- |
| 09/25/95 | 169.30 | 158.30 | 11.00 | -- | <50 | 4.7 | <0.5 | <0.5 | <0.5 | -- | 550** | -- |
| 12/28/95 | 169.30 | 158.50 | 10.80 | -- | 72 | 9.1 | 0.65 | <0.5 | <0.5 | 6.0 | 330** | -- |
| 03/05/96 | 169.30 | 159.20 | 10.10 | Sampled annually | <50 | 7.8 | <0.5 | <0.5 | <0.5 | <2.5 | 780** | -- |

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TOG |
|-------------|-----------------|--------------------|----------------|--------------------|--------------|---------|---------|---------------|--------|--------|------------|-----|
| MW-2 | | | | | | | | | | | | |
| 10/08/91 | 169.15 | 157.20 | 11.95 | -- | 110 | 5.1 | 1.1 | 0.8 | 26 | -- | -- | -- |
| 11/19/91 | 169.15 | 157.40 | 11.75 | -- | 120 | 11 | 1.1 | <0.5 | 17 | -- | -- | -- |
| 12/04/91 | 169.15 | 157.35 | 11.80 | -- | 440 | 30 | 2.5 | <0.5 | 52 | -- | 130 | -- |
| 06/05/92 | 169.15 | 157.35 | 11.80 | -- | 80 | 13 | <0.5 | <0.5 | 1.0 | -- | 130 | -- |
| 10/27/92 | 169.15 | 157.15 | 12.00 | -- | 54 | 13 | <0.5 | <0.5 | <0.5 | -- | 110 | -- |
| 12/30/92 | 169.15 | -- | -- | -- | 180 | 30 | <0.5 | <0.5 | 1.0 | -- | 92 | -- |
| 01/27/93 | 169.15 | 158.24 | 10.91 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/05/93 | 169.15 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 03/17/93 | 169.15 | 158.26 | 10.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 169.15 | 157.41 | 11.74 | -- | <50 | 1.4 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 09/28/93 | 169.15 | 157.97 | 11.18 | -- | <50 | 0.6 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 12/30/93 | 169.15 | 158.34 | 21.00 | -- | <50 | 0.9 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 04/07/94 | 169.15 | 158.40 | 10.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <10 | -- |
| 05/31/94 | 169.15 | 158.35 | 10.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/23/94 | 169.15 | 157.50 | 11.65 | -- | <50 | 0.7 | <0.5 | <0.5 | <0.5 | -- | 120 | -- |
| 11/30/94 | 169.15 | 158.41 | 10.74 | -- | 55 | 2.9 | <0.5 | 1.4 | 0.94 | -- | 570* | -- |
| 03/30/95 | 169.15 | 158.25 | 10.90 | -- | 91 | 4.5 | <0.5 | 3.8 | <0.5 | -- | 430** | -- |
| 06/06/95 | 169.15 | 157.73 | 11.42 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 410** | -- |
| 09/25/95 | 169.15 | 157.52 | 11.63 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 220** | -- |
| 12/28/95 | 169.15 | 157.98 | 11.17 | -- | <2000 | <20 | <20 | <20 | <20 | 5000 | 120** | -- |
| 03/05/96 | 169.15 | 159.09 | 10.06 | Sampled biannually | <2000 | <20 | <20 | <20 | <20 | 10,000 | 860** | -- |

* Chromatogram pattern indicates a non-diesel mix + discrete peaks.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TOG |
|-------------|-----------------|--------------------|----------------|--------------|--------------|---------|---------|---------------|--------|------|------------|-----|
| MW-3 | | | | | | | | | | | | |
| 10/08/91 | 169.11 | 160.84 | 8.27 | -- | 81 | 1.9 | 0.7 | 0.8 | 2.4 | -- | -- | -- |
| 11/04/91 | 169.11 | 158.26 | 10.85 | -- | 60 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 12/04/91 | 169.11 | 158.06 | 11.05 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 06/05/92 | 169.11 | 157.96 | 11.15 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 170 | -- |
| 10/27/92 | 169.11 | 157.51 | 11.60 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 120 | -- |
| 12/30/92 | 169.11 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 170 | -- |
| 01/27/93 | 169.11 | 160.00 | 9.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/05/93 | 169.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/17/93 | 169.11 | 159.16 | 9.95 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 169.11 | 158.22 | 10.89 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 09/28/93 | 169.11 | 159.49 | 9.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 12/30/93 | 169.11 | 159.80 | 9.31 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 04/07/94 | 169.11 | 160.30 | 8.81 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <10 | -- |
| 05/31/94 | 169.11 | 160.21 | 8.90 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/23/94 | 169.11 | 158.48 | 10.63 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 11/30/94 | 169.11 | 160.19 | 8.92 | Inaccessible | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/30/95 | 169.11 | 160.01 | 9.10 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 290* | -- |
| 06/06/95 | 169.11 | 158.79 | 10.32 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 150* | -- |
| 09/25/95 | 169.11 | 158.11 | 11.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 260* | -- |
| 12/28/95 | 169.11 | 158.96 | 10.15 | -- | <250 | <2.5 | <2.5 | <2.5 | <2.5 | 1400 | 200* | -- |

NO LONGER MONITORED OR SAMPLED

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TOG |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|-----|
| MW-4 | | | | | | | | | | | | |
| 10/27/92 | 169.18 | 157.79 | 11.39 | -- | <50 | <0.5 | 0.6 | 0.5 | 4.3 | -- | <50 | -- |
| 12/30/92 | 169.18 | 159.05 | 10.13 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 01/27/93 | 169.18 | 160.09 | 9.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/05/93 | 169.18 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 03/17/93 | 169.18 | 159.28 | 9.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 169.18 | 158.50 | 10.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 09/28/93 | 169.18 | 159.82 | 9.36 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 12/30/93 | 169.18 | 159.91 | 9.27 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 04/07/94 | 169.18 | 160.37 | 8.81 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <10 | -- |
| 05/31/94 | 169.18 | 160.27 | 8.91 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/23/94 | 169.18 | 158.79 | 10.39 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 11/30/94 | 169.18 | 160.08 | 9.10 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 58* | -- |
| 03/30/95 | 169.18 | 160.66 | 8.52 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 61** | -- |
| 06/06/95 | 169.18 | 158.70 | 10.48 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/25/95 | 169.18 | 158.38 | 10.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 12/28/95 | 169.18 | 159.23 | 9.95 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 9.9 | <50 | -- |

NO LONGER MONITORED OR SAMPLED

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TOG |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|-----|
| MW-5 | | | | | | | | | | | | |
| 10/27/92 | 167.41 | 157.46 | 9.95 | -- | 74 | <0.5 | <0.5 | 0.6 | 7.1 | -- | <50 | -- |
| 12/30/92 | 167.41 | 158.21 | 9.20 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 01/27/93 | 167.41 | 157.80 | 9.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/05/93 | 167.41 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 03/17/93 | 167.41 | 157.90 | 9.51 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 167.41 | 157.56 | 9.85 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/28/93 | 167.41 | 157.55 | 9.86 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | <50 | -- |
| 12/30/93 | 167.41 | 157.08 | 10.33 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 04/07/94 | 167.41 | 157.69 | 9.72 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <10 | -- |
| 05/31/94 | 167.41 | 157.68 | 9.73 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/23/94 | 167.41 | 157.56 | 9.85 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 11/30/94 | 167.41 | 157.73 | 9.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 79* | -- |
| 03/30/95 | 167.41 | 157.79 | 9.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 06/06/95 | 167.41 | 157.55 | 9.86 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 09/25/95 | 167.41 | 157.56 | 9.85 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 12/28/95 | 167.41 | 157.67 | 9.74 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | <50 | -- |

NO LONGER MONITORED OR SAMPLED

MW-6

| | | | | | | | | | | | | |
|----------|--------|--------|-------|----|------|-----|------|-----|-----|----|------|----|
| 10/27/92 | 166.46 | 153.92 | 12.54 | -- | 600 | 22 | 22 | 24 | 130 | -- | <50 | -- |
| 12/30/92 | 166.46 | 156.26 | 10.20 | -- | 1700 | 170 | 16 | 46 | 160 | -- | 470 | -- |
| 01/27/93 | 166.46 | 156.44 | 10.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/05/93 | 166.46 | -- | -- | -- | 480 | 76 | 0.9 | 3.1 | 7.1 | -- | 150 | -- |
| 03/17/93 | 166.46 | 155.79 | 10.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | 166.46 | 154.63 | 11.83 | -- | 240 | 37 | 3.4 | 2.9 | 18 | -- | 51 | -- |
| 09/28/93 | 166.46 | 154.90 | 11.56 | -- | 150 | 11 | 1.2 | 1.3 | 4.3 | -- | 120 | -- |
| 12/30/93 | 166.46 | 154.81 | 11.65 | -- | 680 | 77 | 5.1 | 5.5 | 13 | -- | 290 | -- |
| 04/07/94 | 166.46 | 155.34 | 11.12 | -- | 190 | 24 | 2.9 | 1.9 | 8.0 | -- | <10 | -- |
| 05/31/94 | 166.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09/23/94 | 166.46 | 155.05 | 11.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/94 | 166.46 | 156.58 | 9.88 | -- | 320 | 49 | 0.58 | 1.4 | 1.2 | -- | 150* | -- |

NO LONGER MONITORED OR SAMPLED.

* Chromatogram pattern indicates a non-diesel mix.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE | TPH-Diesel | TOG |
|-------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|------------|-----|
| MW-7 | | | | | | | | | | | | |
| 09/25/95 | 168.80 | 157.20 | 11.60 | -- | 220 | 0.79 | <0.5 | 0.67 | <0.5 | -- | 1400* | -- |
| 12/28/95 | 168.80 | 158.14 | 10.66 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | 590* | -- |
| 03/05/96 | 168.80 | 159.74 | 9.06 | -- | 1400 | <10 | <10 | 47 | <10 | 5300 | 320* | -- |
| TRIP BLANK | | | | | | | | | | | | |
| 10/08/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 11/04/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 12/04/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <50 | -- |
| 06/05/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 12/30/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 01/27/93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <50 | -- |
| 03/05/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 03/17/93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 06/18/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- | -- |
| 09/28/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 12/30/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 04/07/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 05/31/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 09/23/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 11/30/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 03/30/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 06/06/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 09/25/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 12/28/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |
| 03/05/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- | -- |

* Chromatogram pattern indicates an unidentified hydrocarbon.

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.

Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-butyl ether

TOG = Total Oil and Grease

Analytical Appendix



| | | |
|---|---|--|
| Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller | Client Proj. ID: Chevron 9-6991 960305-D2 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9603312-01 | Sampled: 03/05/96 Received: 03/06/96 Extracted: 03/08/96 Analyzed: 03/11/96 Reported: 03/14/96 |
|---|---|--|

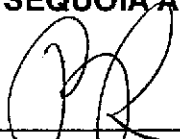
QC Batch Number: GC0308960HBPEXX
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|--|--|--------------------------|
| TEPH as Diesel Chromatogram Pattern: | 50 C9-C24 | 780 Unidentified HC |
| Surrogates n-Pentacosane (C25) | Control Limits % 50 150 | % Recovery 114 |

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Fenner
Project Manager





| | | |
|--|---|---|
| Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 | Client Proj. ID: Chevron 9-6991 960305-D2 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9603312-01 | Sampled: 03/05/96 Received: 03/06/96 Analyzed: 03/11/96 Reported: 03/14/96 |
| Attention: Jim Keller | | |

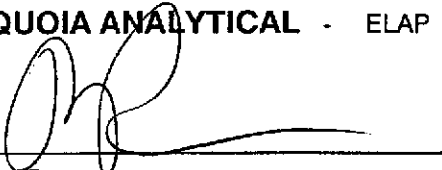
QC Batch Number: GC031196BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-----------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Methyl t-Butyl Ether | 2.5 | N.D. |
| Benzene | 0.50 | 7.8 |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 76 |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|--|---|--|
| Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 | Client Proj. ID: Chevron 9-6991 960305-D2 Sample Descript: MW-2 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9603312-02 | Sampled: 03/05/96 Received: 03/06/96 Extracted: 03/08/96 Analyzed: 03/11/96 Reported: 03/14/96 |
| Attention: Jim Keller | | |

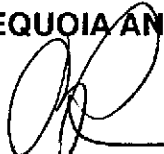
QC Batch Number: GC0308960HBPEXX
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|---|---|------------------------|
| TEPH as Diesel Chromatogram Pattern: | 50 C9-C24 | 860 Unidentified HC |
| Surrogates n-Pentacosane (C25) | Control Limits % 50 150 | % Recovery 114 |

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|---------------------------|---|--------------------|
| Blaine Technical Services | Client Proj. ID: Chevron 9-6991 960305-D2 | Sampled: 03/05/96 |
| 985 Timothy Drive | Sample Descript: MW-2 | Received: 03/06/96 |
| San Jose, CA 95133 | Matrix: LIQUID | |
| Attention: Jim Keller | Analysis Method: 8015Mod/8020 | Analyzed: 03/11/96 |
| | Lab Number: 9603312-02 | Reported: 03/14/96 |

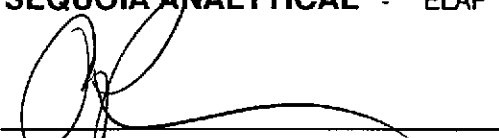
QC Batch Number: GC031196BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-----------------------------|------------------------|
| TPPH as Gas | 2000 | N.D. |
| Methyl t-Butyl Ether | 100 | 10000 |
| Benzene | 20 | N.D. |
| Toluene | 20 | N.D. |
| Ethyl Benzene | 20 | N.D. |
| Xylenes (Total) | 20 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 71 |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|---|---|--|
| Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller | Client Proj. ID: Chevron 9-6991 960305-D2 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9603312-03 | Sampled: 03/05/96 Received: 03/06/96 Extracted: 03/08/96 Analyzed: 03/11/96 Reported: 03/14/96 |
|---|---|--|

QC Batch Number: GC0308960HBPEXX
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|---|---|------------------------|
| TEPH as Diesel Chromatogram Pattern: | 50 C9-C24 | 320 Unidentified HC |
| Surrogates n-Pentacosane (C25) | Control Limits % 50 150 | % Recovery 104 |

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|---|---|---|
| Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller | Client Proj. ID: Chevron 9-6991 960305-D2 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9603312-03 | Sampled: 03/05/96 Received: 03/06/96 Analyzed: 03/11/96 Reported: 03/14/96 |
|---|---|---|


QC Batch Number: GC031196BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 1000 | 1400 |
| Methyl t-Butyl Ether | 50 | 5300 |
| Benzene | 10 | N.D. |
| Toluene | 10 | N.D. |
| Ethyl Benzene | 10 | 47 |
| Xylenes (Total) | 10 | N.D. |
| Chromatogram Pattern: | | Gas |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 101 |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





| | | |
|--|---|---|
| Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 | Client Proj. ID: Chevron 9-6991 960305-D2 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9603312-04 | Sampled: 03/05/96 Received: 03/06/96 Analyzed: 03/11/96 Reported: 03/14/96 |
| Attention: Jim Keller | | |

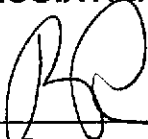
QC Batch Number: GC031196BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 50 | N.D. |
| Benzene | 0.50 | N.D. |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 92 |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Sequoia
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(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Proj. ID: Chevron 9-6991 960305-D2
Lab Proj. ID: 9603312

Received: 03/06/96
Reported: 03/14/96

LABORATORY NARRATIVE

TPPH Note: Sample 9603312-02 was diluted 40-fold.
Sample 9603312-03 was diluted 20-fold.

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-6991 960305-D2
Matrix: Liquid

Work Order #: 9603312 -01 - 02

Reported: Mar 18, 1996

QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes |
|----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#: | GC031196BTEX21A | GC031196BTEX21A | GC031196BTEX21A | GC031196BTEX21A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |

| | | | | |
|-------------------|--------------|--------------|--------------|--------------|
| Analyst: | J. Woo | J. Woo | J. Woo | J. Woo |
| MS/MSD #: | G9603180-08B | G9603180-08B | G9603180-08B | G9603180-08B |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Analyzed Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Instrument I.D.#: | GCHP21 | GCHP21 | GCHP21 | GCHP21 |
| Conc. Spiked: | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| Result: | 11 | 11 | 11 | 32 |
| MS % Recovery: | 110 | 110 | 110 | 107 |
| Dup. Result: | 10 | 10 | 9.7 | 31 |
| MSD % Recov.: | 100 | 100 | 97 | 103 |
| RPD: | 9.5 | 9.5 | 13 | 3.2 |
| RPD Limit: | 0-50 | 0-50 | 0-50 | 0-50 |

| LCS #: | GBLK031196A | GBLK031196A | GBLK031196A | GBLK031196A |
|-------------------|-------------|-------------|-------------|-------------|
| Prepared Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Analyzed Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Instrument I.D.#: | GCHP21 | GCHP21 | GCHP21 | GCHP21 |
| Conc. Spiked: | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| LCS Result: | 11 | 11 | 11 | 34 |
| LCS % Recov.: | 110 | 110 | 110 | 113 |

| MS/MSD LCS Control Limits | 70-130 | 70-130 | 70-130 | 70-130 |
|---------------------------|--------|--------|--------|--------|
| | | | | |

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9603312.BLA < 1 >





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FAX (510) 988-9673
FAX (916) 921-0100

Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-6991 960305-D2
Matrix: Liquid

Work Order #: 9603312 -03 -04

Reported: Mar 18, 1996

QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes |
|----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#: | GC031196BTEX20A | GC031196BTEX20A | GC031196BTEX20A | GC031196BTEX20A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |

| Analyst: | J. Woo | J. Woo | J. Woo | J. Woo |
|-------------------|--------------|--------------|--------------|--------------|
| MS/MSD #: | G9603180-08B | G9603180-08B | G9603180-08B | G9603180-08B |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Analyzed Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Instrument I.D.#: | GCHP20 | GCHP20 | GCHP20 | GCHP20 |
| Conc. Spiked: | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| Result: | 10 | 10 | 10 | 30 |
| MS % Recovery: | 100 | 100 | 100 | 100 |
| Dup. Result: | 10 | 11 | 10 | 30 |
| MSD % Recov.: | 100 | 110 | 100 | 100 |
| RPD: | 0.0 | 9.5 | 0.0 | 0.0 |
| RPD Limit: | 0-50 | 0-50 | 0-50 | 0-50 |

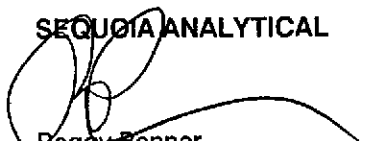
| LCS #: | GBLK031196A | GBLK031196A | GBLK031196A | GBLK031196A |
|-------------------|-------------|-------------|-------------|-------------|
| Prepared Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Analyzed Date: | 3/11/96 | 3/11/96 | 3/11/96 | 3/11/96 |
| Instrument I.D.#: | GCHP20 | GCHP20 | GCHP20 | GCHP20 |
| Conc. Spiked: | 10 ug/L | 10 ug/L | 10 ug/L | 30 ug/L |
| LCS Result: | 10 | 10 | 10 | 31 |
| LCS % Recov.: | 100 | 100 | 100 | 103 |

| MS/MSD LCS Control Limits | 70-130 | 70-130 | 70-130 | 70-130 |
|---------------------------|--------|--------|--------|--------|
|---------------------------|--------|--------|--------|--------|

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9603312.BLA <2>





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-6991 960305-D2
Matrix: Liquid

Work Order #: 9603312 -01 -03

Reported: Mar 18, 1996

QUALITY CONTROL DATA REPORT

Analyte: Diesel
QC Batch#: GC030896OHBPEXX
Analy. Method: EPA 8015 M
Prep. Method: EPA 3520

Analyst: J. Minkel
MS/MSD #: 9603345-01
Sample Conc.: 2700
Prepared Date: 3/8/96
Analyzed Date: 3/12/96
Instrument I.D.#: GCHP4B
Conc. Spiked: 1000 ug/L

Result: *
MS % Recovery: *

Dup. Result: *
MSD % Recov.: *

RPD: *
RPD Limit: 0-50

* - Spike Diluted Out

LCS #: BLK030896

Prepared Date: 3/8/96
Analyzed Date: 3/11/96
Instrument I.D.#: GCHP4A
Conc. Spiked: 1000 ug/L

LCS Result: 990
LCS % Recov.: 99

MS/MSD
LCS 38-122
Control Limits

SEQUOIA ANALYTICAL

Peggy Penner
Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS= Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9603312.BLA <3>



**Field
Data
Sheets**

CHEVRON WELL MONITORING DATA SHEET

| | |
|--|--|
| Project #: <u>960305-D2</u> | Station #: <u>9-6991</u> |
| Sampler: <u>MD</u> | Start Date: <u>3-5-96</u> |
| Well I.D.: <u>MW-1</u> | Well Diameter: (circle one) 2 3 4 6 <u>3/4</u> |
| Total Well Depth: Before <u>16.30</u> After | Depth to Water: Before <u>10.10</u> After |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Measurements referenced to: <u>PVC</u> | Grade Other: |

| Well Diameter | VCF | Well Diameter | VCF |
|---------------|------|---------------|-------|
| 1" | 0.04 | 6" | 1.47 |
| 2" | 0.16 | 8" | 2.61 |
| 3" | 0.37 | 10" | 4.08 |
| 4" | 0.65 | 12" | 5.87 |
| 5" | 1.02 | 16" | 10.43 |

$$\frac{.2}{1 \text{ Case Volume}} \times \frac{3}{\text{Specified Volumes}} = \frac{.6}{\text{gallons}}$$

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

| TIME | TEMP. (F) | pH | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|-------|-----------|-----|-------|------------|-----------------|---------------|
| 10 35 | 64.4 | 7.6 | 1500 | — | .2 | BAN / SILTY |
| 10 36 | 65.2 | 7.4 | 1400 | — | .4 | |
| 10 38 | 65.6 | 7.2 | 1400 | — | .6 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Did Well Dewater? If yes, gals. Gallons Actually Evacuated: .6

Sampling Time: 1045 Sampling Date: 3-5-96

Sample I.D.: MW-1 Laboratory: SEA

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

| | | | |
|---|-------|---|-------|
| Project #: <u>960305-D2</u> | | Station #: <u>9-6991</u> | |
| Sampler: <u>MD</u> | | Start Date: <u>3-5-96</u> | |
| Well I.D.: <u>MW-2</u> | | Well Diameter: (circle one) <u>5</u> 3 4 6 <u>3/4</u> | |
| Total Well Depth: | | Depth to Water: | |
| Before <u>18-65</u> | After | Before <u>10-06</u> | After |
| Depth to Free Product: | | Thickness of Free Product (feet): | |
| Measurements referenced to: <u>PVC</u> Grade Other: | | | |

| Well Diameter | VCF | Well Diameter | VCF |
|---------------|------|---------------|-------|
| 1" | 0.04 | 6" | 1.47 |
| 2" | 0.16 | 8" | 2.61 |
| 3" | 0.37 | 10" | 4.08 |
| 4" | 0.65 | 12" | 5.87 |
| 5" | 1.02 | 16" | 10.43 |

| | | | | |
|---------------|---|-------------------|---|-----------|
| <u>.3</u> | x | <u>3</u> | = | <u>.9</u> |
| 1 Case Volume | | Specified Volumes | | gallons |

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

| TIME | TEMP. (F) | PH | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|------|-----------|-----|-------|------------|-----------------|---------------|
| 1110 | 65.0 | 7.6 | 1000 | — | .3 | BRN |
| 1112 | 64.8 | 7.5 | 1000 | — | .6 | |
| 1114 | 65.2 | 7.4 | 980 | — | .9 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: .9

Sampling Time: 11:30 Sampling Date: 3-5

Sample I.D.: MW-2 Laboratory: SEQ

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

| | | | |
|---|-------|--|-------|
| Project #: <u>960305-DZ</u> | | Station #: <u>9-6991</u> | |
| Sampler: <u>MD</u> | | Start Date: <u>3-5-96</u> | |
| Well I.D.: <u>MW-7</u> | | Well Diameter: (circle one) <u>(2)</u> 3 4 6 | |
| Total Well Depth: | | Depth to Water: | |
| Before <u>19.80</u> | After | Before <u>9.06</u> | After |
| Depth to Free Product: | | Thickness of Free Product (feet): | |
| Measurements referenced to: <u>VFC</u> Grade Other: | | | |

| | | | |
|---------------|------|---------------|-------|
| Well Diameter | VCF | Well Diameter | VCF |
| 1" | 0.04 | 6" | 1.47 |
| 2" | 0.16 | 8" | 2.61 |
| 3" | 0.37 | 10" | 4.08 |
| 4" | 0.65 | 12" | 5.87 |
| 5" | 1.02 | 16" | 10.43 |

| | | | | | |
|---------------|---|-------------------|---|------------|---------|
| <u>1.7</u> | x | <u>3</u> | = | <u>5.2</u> | gallons |
| 1 Case Volume | | Specified Volumes | | | |

| | |
|--|---|
| Purging: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other _____ | Sampling: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other _____ |
|--|---|

| TIME | TEMP. (F) | pH | COND. | TURBIDITY: | VOLUME REMOVED: | OBSERVATIONS: |
|-------------|-------------|------------|-------------|------------|-----------------|---------------|
| <u>1010</u> | <u>65.8</u> | <u>7.5</u> | <u>1000</u> | <u>—</u> | <u>2</u> | <u>3AN</u> |
| <u>1012</u> | <u>66.0</u> | <u>7.4</u> | <u>1000</u> | <u>—</u> | <u>4</u> | |
| <u>1014</u> | <u>66.4</u> | <u>7.4</u> | <u>1000</u> | <u>—</u> | <u>5.5</u> | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 5.5

Sampling Time: 1020 Sampling Date: 3-5-96

Sample I.D.: MW-7 Laboratory: SEA

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER: