



Chevron

April 15, 1998

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

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

Marketing - Sales West
Phone 510 842-9500

**Re: Former Chevron Service Station #9-3864
5101 Telegraph Avenue, Oakland, CA**

Dear Ms. Hugo:

Enclosed is the First Quarter Groundwater Monitoring Report for 1998 that was prepared by our consultant Blaine Tech Services, Inc. for the above noted site. Ground water samples were collected and analyzed for TPH-g, BTEX and MtBE constituents. Monitoring wells C-1, C-2 and C-4 have been abandoned.

Concentrations of all the constituents were below method detection limits for monitoring wells MW-1, MW-2, and MW-5. The benzene constituent increased slightly in monitoring wells C-3 and MW-3 while decreasing in well MW-4 from the previous sampling event. Note that monitoring well MW-4 is upgradient of the site and appears to be impacted from another source.

Depth to ground water varied from 7.21 feet to 13.26 feet below grade, with a direction of flow southerly.

Chevron requests that monitoring wells MW-1, MW-2 and MW-5 be sampled annually and wells C-3 and MW-3 be sampled semi-annually. Wells MW-1, MW-2 and MW-5 have been below method detection limits for all of the constituents in the last ten sampling events and the wells are cross gradient of the site. Wells C-3 and MW-3 have shown a trend of declining concentrations of dissolved hydrocarbons.

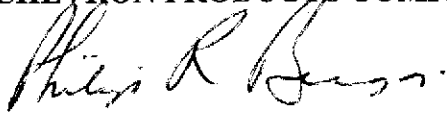
Chevron requests that monitoring well MW-4 be abandoned or title transferred to another responsible party. This well is upgradient of Chevron's site and appears to be impacted from source(s) north on Telegraph Avenue.



April 15, 1998
Ms. Susan Hugo
Former Chevron Service Station #9-3864
Page 2

If you have any questions or comments, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY



Philip R. Briggs
Site Assessment and Remediation Project Manger

Enclosure

Cc. Mr. Bette Owen, Chevron

Mr. Steven Hill
RWQCB- San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr.'s Howard Schindler, Saul Gevertz and Jon Eager
Temescal Triangle Investors
4179 Piedmont Avenue
Oakland, CA 94611

Mr. Breece Sloan
2057 Vanderslice Avenue
Walnut Creek, CA 94596

Mr. John Gwynn
Gwynn-Schiels & Associates
300 Lakeside Drive, Suite 1980
Oakland, CA 94612

BLAINE
TECH SERVICES INC.



1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

April 13, 1998

Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

1st Quarter 1998 Monitoring at 9-3864

First Quarter 1998 Groundwater Monitoring at
Former Chevron Service Station Number 9-3864
5101 Telegraph Avenue
Oakland, CA

Monitoring Performed on February 19, 1998

Groundwater Sampling Report 980219-H-1

This report covers the routine 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 McKittrick Waste Treatment Site 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,

A handwritten signature in black ink, appearing to read 'Francis Thie', is written over a horizontal line.

Francis Thie
Vice President

FPT/ck

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

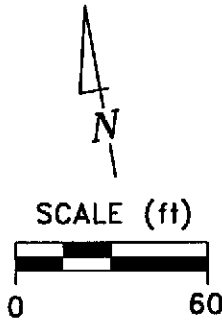
Professional Engineering Appendix

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

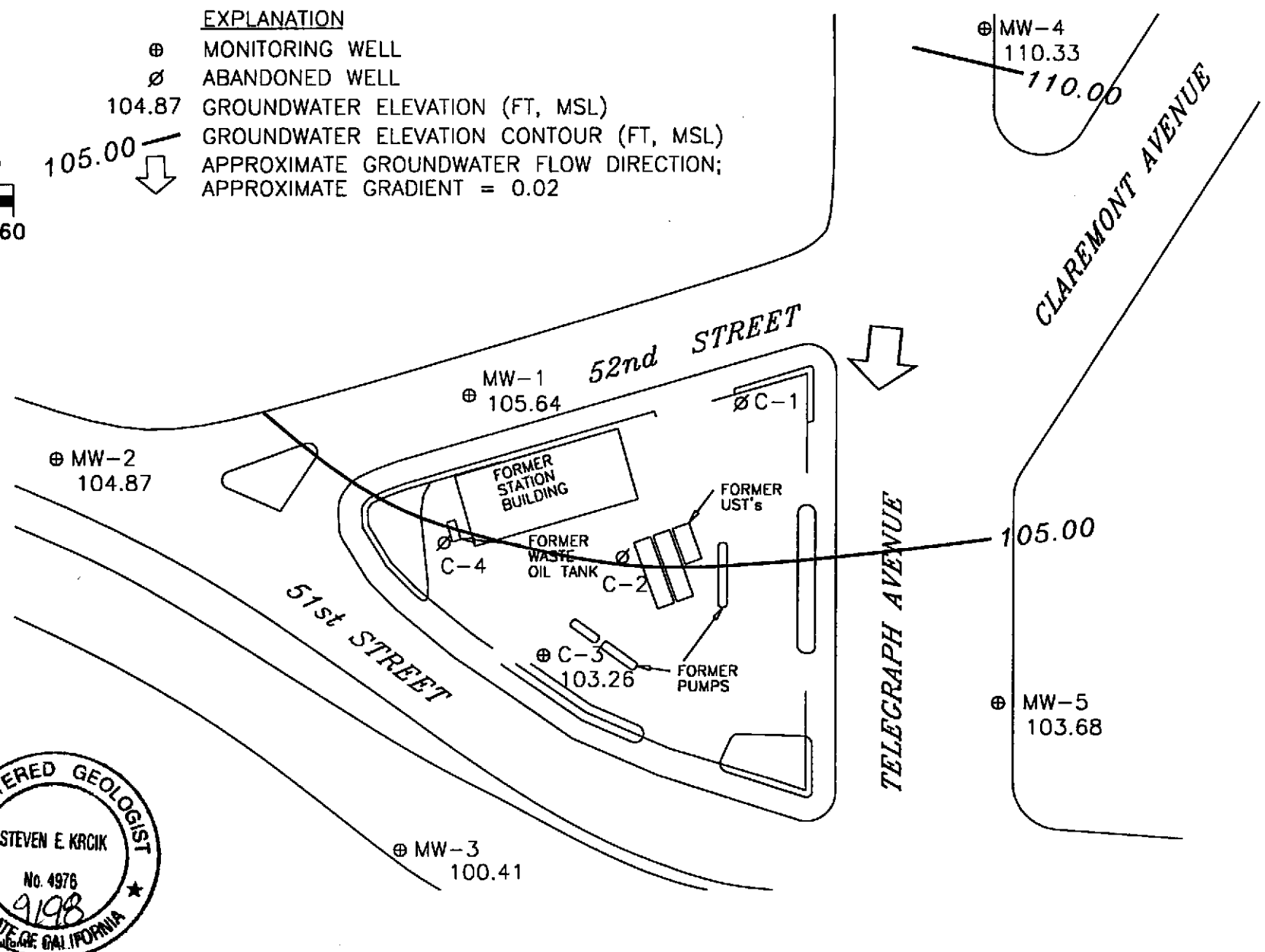
Analytical results are in parts per billion (ppb)

| DATE | Well Head Elev. | Ground Water Elev. | Depth To Water | Notes | TPH-Gasoline | Benzene | Toluene | Ethyl-Benzene | Xylene | MTBE |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|
| MW-4 | | | | | | | | | | |
| 09/20/93 | 118.10 | 107.17 | 10.93 | -- | 5800 | 16 | 4.2 | 35 | 48 | -- |
| 12/14/93 | 118.10 | 108.33 | 9.77 | -- | 7100 | 19 | 6.5 | 24 | 35 | -- |
| 03/16/94 | 118.10 | 107.99 | 10.11 | -- | 8500 | 83 | 43 | 60 | 70 | -- |
| 08/17/94 | 118.10 | 107.20 | 10.90 | -- | 21,000 | 150 | 20 | 140 | 350 | -- |
| 08/29/94 | 118.10 | 107.28 | 10.82 | -- | 10,000 | 86 | 71 | 44 | 85 | -- |
| 12/06/94 | 118.10 | 108.70 | 9.40 | -- | 13,000 | 68 | 56 | 67 | 110 | -- |
| 03/31/95 | 118.10 | 109.31 | 8.79 | -- | 6700 | 100 | 9.4 | 26 | 23 | -- |
| 06/24/95 | 118.10 | 107.60 | 10.50 | -- | 6300 | <20 | <20 | <20 | 24 | -- |
| 09/12/95 | 118.10 | 107.90 | 10.20 | -- | 7100 | 65 | 16 | <10 | 21 | -- |
| 12/29/95 | 118.10 | 108.86 | 9.24 | -- | 3300 | <10 | <10 | 12 | 14 | 720 |
| 02/29/96 | 118.10 | 111.85 | 6.25 | -- | 5100 | <10 | 37 | 23 | 21 | 85 |
| 06/26/96 | 118.10 | 107.92 | 10.18 | -- | 6800 | <20 | <20 | <20 | <20 | <100 |
| 09/12/96 | 118.10 | 107.53 | 10.57 | -- | 13,000 | 150 | <10 | 38 | 35 | 240 |
| 12/11/96 | 118.10 | 109.39 | 8.71 | -- | 26,000 | <20 | <20 | <20 | 170 | <100 |
| 03/31/97 | 118.10 | 107.18 | 10.92 | -- | 12,000 | 120 | 74 | 45 | 70 | 240 |
| 06/29/97 | 118.10 | 106.43 | 11.67 | -- | 8800 | 24 | <10 | 35 | 36 | 62 |
| 09/30/97 | 118.10 | 107.20 | 10.90 | -- | 10,000 | <10 | <10 | 37 | 35 | 72 |
| 12/12/97 | 118.10 | 105.16 | 12.94 | -- | 4600 | 95 | 41 | 20 | 25 | 91 |
| 02/19/98 | 118.10 | 110.33 | 7.77 | -- | 5400 | 87 | 16 | 32 | 31 | 110 |



EXPLANATION

- ⊕ MONITORING WELL
- ∅ ABANDONED WELL
- 104.87 GROUNDWATER ELEVATION (FT, MSL)
- 105.00 GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- ↓ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.02



Basemap from Geocon...

PREPARED BY

RRM
engineering contracting firm

Former Chevron Station 9-3864
5101 Telegraph Avenue
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP,
FEBRUARY 19, 1998

FIGURE:
1
PROJECT:
DAC04

**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 |
|------------|-----------------|--------------------|----------------|-----------|--------------|---------|---------|---------------|--------|------|
| C-1 | | | | | | | | | | |
| 12/06/90 | 117.45 | 102.11 | 15.34 | -- | 1900 | 17 | 11 | 3.0 | 21 | -- |
| 06/06/91 | 117.45 | 102.83 | 14.62 | -- | 3400 | 21 | 15 | 11 | 18 | -- |
| 12/04/91 | 117.45 | 102.97 | 14.48 | -- | 2700 | 22 | 16 | 13 | 23 | -- |
| 06/02/92 | 117.45 | 102.92 | 14.53 | -- | 1900 | 170 | 170 | 13 | 83 | -- |
| 09/16/92 | 117.45 | 102.52 | 14.93 | -- | 810 | 5.8 | 5.7 | 2.0 | 6.3 | -- |
| 12/21/92 | 117.45 | 103.72 | 13.73 | -- | 75 | 2.4 | 2.9 | 1.4 | 4.7 | -- |
| 03/11/93 | 117.45 | 103.62 | 13.83 | -- | 150 | 2.4 | 20 | 3.3 | 23 | -- |
| 06/11/93 | 117.45 | 103.26 | 14.19 | -- | 400 | 4.3 | 2.3 | 1.0 | 3.5 | -- |
| 09/13/93 | 117.45 | 102.85 | 14.60 | -- | 4100 | 62 | 43 | 34 | 57 | -- |
| 12/14/93 | 117.45 | 103.67 | 13.78 | -- | 3100 | 9.5 | 4.5 | 1.2 | 11 | -- |
| 03/16/94 | 117.45 | 103.44 | 14.01 | -- | 410 | 6.3 | 3.1 | 1.3 | 4.5 | -- |
| 06/17/94 | 117.45 | 102.90 | 14.55 | -- | 3700 | 100 | 42 | 30 | 91 | -- |
| 08/29/94 | 117.45 | 102.96 | 14.49 | -- | 2600 | 15 | <0.5 | 6.7 | 9.7 | -- |
| 12/06/94 | 117.45 | 104.04 | 13.41 | -- | 510 | 2.0 | 2.2 | 1.7 | 9.4 | -- |
| 03/31/95 | 117.45 | 105.33 | 12.12 | -- | 5440 | 9.0 | 2.3 | 2.0 | 3.6 | -- |
| 06/24/95 | 117.45 | 103.45 | 14.00 | -- | 260 | 5.8 | 1.0 | 0.94 | 0.88 | -- |
| 09/12/95 | 117.45 | 103.42 | 14.03 | -- | 650 | 14 | 1.1 | 1.6 | 2.4 | -- |
| 12/29/95 | 117.45 | 104.50 | 12.95 | -- | 990 | 32 | 6.3 | 4.0 | 3.2 | 46 |
| 02/29/96 | 117.45 | 105.27 | 12.18 | -- | 840 | 2.5 | <1.0 | 2.6 | 7.3 | <5.0 |
| 06/26/96 | 117.45 | 103.72 | 13.73 | -- | 290 | 3.6 | 0.73 | 1.0 | 1.1 | 9.9 |
| 09/12/96 | 117.45 | 103.32 | 14.13 | -- | 1200 | 17 | 1.8 | 4.0 | 4.4 | 24 |
| 12/11/96 | 117.45 | 104.66 | 12.79 | -- | 7700 | <10 | 53 | 19 | 44 | 87 |
| 03/31/97 | 117.45 | -- | -- | Abandoned | -- | -- | -- | -- | -- | -- |

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 |
|------------|-----------------|--------------------|----------------|-----------|--------------|---------|---------|---------------|--------|------|
| C-2 | | | | | | | | | | |
| 12/06/90 | 116.16 | 100.82 | 15.34 | -- | 210 | 140 | 9.0 | 2.0 | 11 | -- |
| 06/06/91 | 116.16 | 101.54 | 14.62 | -- | 4800 | 340 | 23 | 19 | 23 | -- |
| 12/04/91 | 116.16 | 100.73 | 15.43 | -- | 3900 | 85 | 15 | 9.1 | 15 | -- |
| 06/02/92 | 116.16 | 101.74 | 14.42 | -- | 3300 | 76 | 9.2 | 14 | 15 | -- |
| 09/16/92 | 116.16 | 101.35 | 14.81 | -- | 3000 | 16 | 15 | 3.4 | 7.5 | -- |
| 12/21/92 | 116.16 | 102.79 | 13.37 | -- | 2200 | 21 | 12 | 7.1 | 15 | -- |
| 03/11/93 | 116.16 | 102.69 | 13.47 | -- | 2200 | 33 | 24 | 12 | 25 | -- |
| 06/11/93 | 116.16 | 102.18 | 13.98 | -- | 2600 | 21 | 25 | 11 | 26 | -- |
| 09/13/93 | 116.16 | 101.61 | 14.55 | -- | 2100 | 31 | 25 | 18 | 39 | -- |
| 12/14/93 | 116.16 | 102.46 | 13.70 | -- | 3800 | <2.5 | 24 | 12 | 20 | -- |
| 03/16/94 | 116.16 | 102.51 | 13.65 | -- | 2600 | 12 | 15 | 10 | 17 | -- |
| 06/17/94 | 116.16 | 102.87 | 13.29 | -- | 2400 | 17 | 19 | 28 | 71 | -- |
| 08/29/94 | 116.16 | 111.60 | 4.56 | -- | 3000 | 29 | 15 | 20 | 4.2 | -- |
| 12/06/94 | 116.16 | 102.98 | 13.18 | -- | 1900 | 7.9 | 30 | 14 | 31 | -- |
| 03/31/95 | 116.16 | 104.10 | 12.06 | -- | 890 | <1.3 | <1.3 | 2.6 | <1.3 | -- |
| 06/24/95 | 116.16 | 102.19 | 13.97 | -- | 730 | 4.8 | <0.5 | 5.4 | 0.96 | -- |
| 09/12/95 | 116.16 | 102.28 | 13.88 | -- | 1600 | <2.5 | <2.5 | 5.4 | <2.5 | -- |
| 12/29/95 | 116.16 | 103.31 | 12.85 | -- | 1000 | 9.1 | 2.7 | 8.7 | 2.7 | 19 |
| 02/29/96 | 116.16 | 104.09 | 12.07 | -- | 850 | <2.5 | <2.5 | 8.7 | 11 | <12 |
| 06/26/96 | 116.16 | 102.50 | 13.66 | -- | 2500 | 14 | <5.0 | 13 | 6.3 | <25 |
| 09/12/96 | 116.16 | 102.25 | 13.91 | -- | 1800 | 26 | 19 | 17 | 31 | 37 |
| 12/11/96 | 116.16 | 103.82 | 12.34 | -- | 2800 | <5.0 | 34 | 14 | <5.0 | 41 |
| 03/31/97 | 116.16 | -- | -- | Abandoned | -- | -- | -- | -- | -- | -- |

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 |
|------------|-----------------|--------------------|----------------|-----------|--------------|---------|---------|---------------|--------|------|
| C-3 | | | | | | | | | | |
| 12/06/90 | 115.70 | 98.84 | 16.86 | -- | 210 | 2.0 | <0.5 | <0.5 | 1.0 | -- |
| 12/06/90 | 115.70 | -- | -- | Duplicate | 220 | 2.0 | 0.6 | <0.5 | 2.0 | -- |
| 06/06/91 | 115.70 | 100.01 | 15.69 | -- | 6400 | 310 | 21 | 16 | 21 | -- |
| 09/16/92 | 115.70 | 99.81 | 15.89 | -- | 7100 | 130 | 26 | 12 | 30 | -- |
| 12/04/91 | 115.70 | 100.32 | 15.38 | -- | 5100 | 120 | 18 | 17 | 20 | -- |
| 06/02/92 | 115.70 | 100.30 | 15.40 | -- | 6700 | 140 | 44 | 17 | 37 | -- |
| 12/21/92 | 115.70 | 101.79 | 13.91 | -- | 13,000 | 390 | 360 | 100 | 410 | -- |
| 03/11/93 | 115.70 | 101.95 | 13.75 | -- | 5100 | 86 | 20 | 12 | 23 | -- |
| 06/11/93 | 115.70 | 101.03 | 14.67 | -- | 7200 | 91 | 38 | 19 | 38 | -- |
| 09/13/93 | 115.70 | 100.17 | 15.53 | -- | 6800 | 100 | 52 | 41 | 75 | -- |
| 12/14/93 | 115.70 | 101.30 | 14.40 | -- | 8600 | 74 | 23 | 18 | 36 | -- |
| 03/16/94 | 115.70 | 101.44 | 14.26 | -- | 6000 | 100 | 42 | 27 | 30 | -- |
| 06/17/94 | 115.70 | 100.60 | 15.10 | -- | 15,000 | 170 | 120 | 120 | 270 | -- |
| 08/29/94 | 115.70 | 100.30 | 15.40 | -- | 26,000 | 51 | <0.5 | 58 | 107 | -- |
| 12/06/94 | 115.70 | 101.90 | 13.80 | -- | 34,000 | 88 | 140 | 98 | 390 | -- |
| 03/31/95 | 115.70 | 102.91 | 12.79 | -- | 2800 | 42 | <5.0 | <5.0 | 6.6 | -- |
| 06/24/95 | 115.70 | 100.84 | 14.86 | -- | 5200 | 34 | <10 | <10 | 13 | -- |
| 09/12/95 | 115.70 | 100.76 | 14.94 | -- | 7000 | 45 | <10 | 28 | 42 | -- |
| 12/29/95 | 115.70 | 102.12 | 13.58 | -- | 5100 | 20 | <10 | <10 | 19 | <50 |
| 02/29/96 | 115.70 | 102.88 | 12.82 | -- | 2600 | 15 | <5.0 | 17 | 16 | <25 |
| 06/26/96 | 115.70 | 101.32 | 14.38 | -- | 4400 | <10 | <10 | <10 | <10 | <50 |
| 09/12/96 | 115.70 | 100.75 | 14.95 | -- | 5800 | 73 | 22 | 18 | 17 | 61 |
| 12/11/96 | 115.70 | 103.08 | 12.62 | -- | 8800 | 81 | <20 | <20 | 37 | 200 |
| 03/31/97 | 115.70 | 100.70 | 15.00 | -- | 8100 | 38 | 62 | 30 | 42 | 38 |
| 06/29/97 | 115.70 | 100.08 | 15.62 | -- | 5800 | <10 | <10 | <10 | 67 | <50 |
| 09/30/97 | 115.70 | 100.70 | 15.00 | -- | 6200 | <10 | 28 | 21 | 27 | 130 |
| 12/12/97 | 115.70 | 103.88 | 12.02 | -- | 330 | 1.6 | 1.1 | <1.0 | 3.4 | <5.0 |
| 02/19/98 | 115.70 | 103.26 | 12.44 | -- | 110 | 1.7 | <0.5 | <0.5 | 0.51 | <2.5 |

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 |
|------------|-----------------|--------------------|----------------|-----------|--------------|---------|---------|---------------|--------|------|
| C-4 | | | | | | | | | | |
| 12/06/90 | 116.10 | 98.42 | 17.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/18/90 | 116.10 | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/06/91 | 116.10 | 99.61 | 16.49 | -- | <50 | 1.0 | 1.0 | <0.5 | 0.7 | -- |
| 12/04/91 | 116.10 | 99.28 | 16.82 | -- | 70 | 6.5 | 9.8 | 1.7 | 8.6 | -- |
| 06/02/92 | 116.10 | 99.18 | 16.92 | -- | 70 | 3.0 | 4.4 | 1.8 | 9.0 | -- |
| 09/16/92 | 116.10 | 98.39 | 17.71 | -- | <50 | 1.4 | 1.8 | <0.5 | 1.1 | -- |
| 12/21/92 | 116.10 | 100.74 | 15.36 | -- | <50 | 0.6 | 0.7 | <0.5 | 1.5 | -- |
| 03/11/93 | 116.10 | 100.61 | 15.49 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 06/11/93 | 116.10 | 99.83 | 16.27 | -- | 52 | 0.9 | 3.1 | 0.7 | 3.8 | -- |
| 09/13/93 | 116.10 | 98.92 | 17.18 | -- | 64 | 0.9 | 1.0 | <0.5 | 1.7 | -- |
| 12/14/93 | 116.10 | 101.03 | 15.07 | -- | <50 | <0.5 | 0.8 | <0.5 | 0.7 | -- |
| 03/16/94 | 116.10 | 100.19 | 15.91 | -- | <50 | <0.5 | 1.0 | <0.5 | 0.8 | -- |
| 06/17/94 | 116.10 | 99.46 | 16.64 | -- | 230 | 0.6 | 2.2 | 2.2 | 11 | -- |
| 08/29/94 | 116.10 | 99.05 | 17.05 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | 116.10 | 101.52 | 14.58 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/31/95 | 116.10 | 102.26 | 13.84 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | 116.10 | 100.05 | 16.05 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | 116.10 | 99.87 | 16.23 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/95 | 116.10 | 101.35 | 14.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/29/96 | 116.10 | 102.40 | 13.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/26/96 | 116.10 | 100.30 | 15.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/12/96 | 116.10 | 99.67 | 16.43 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/11/96 | 116.10 | 103.18 | 12.92 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/31/97 | 116.10 | -- | -- | Abandoned | -- | -- | -- | -- | -- | -- |

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 |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|
| MW-1 | | | | | | | | | | |
| 09/20/93 | 115.05 | 102.37 | 12.68 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 12/14/93 | 115.05 | 105.01 | 10.04 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/16/94 | 115.05 | 103.10 | 11.95 | -- | <50 | <0.5 | 1.7 | <0.5 | 2.1 | -- |
| 06/17/94 | 115.05 | 102.51 | 12.54 | -- | 350 | 1.2 | 3.7 | 2.0 | 12 | -- |
| 08/29/94 | 115.05 | 101.98 | 13.07 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | 115.05 | 104.45 | 10.60 | -- | 140 | 0.9 | 2.8 | 1.1 | 4.2 | -- |
| 03/31/95 | 115.05 | 104.74 | 10.31 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | 115.05 | 102.44 | 12.61 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | 115.05 | 102.00 | 13.05 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/02/96 | 115.05 | 106.19 | 8.86 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/29/96 | 115.05 | 105.39 | 9.66 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/26/96 | 115.05 | 102.85 | 12.20 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/12/96 | 115.05 | 101.55 | 13.50 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/11/96 | 115.05 | 105.90 | 9.15 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/31/97 | 115.05 | 102.30 | 12.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/97 | 115.05 | 102.01 | 13.04 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/30/97 | 115.05 | 101.80 | 13.25 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/12/97 | 115.05 | 106.06 | 8.99 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/19/98 | 115.05 | 105.64 | 9.41 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

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 |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|
| MW-2 | | | | | | | | | | |
| 09/20/93 | 112.08 | 99.93 | 12.15 | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 12/14/93 | 112.08 | 97.36 | 14.72 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/16/94 | 112.08 | 100.92 | 11.16 | -- | <50 | <0.5 | 1.1 | <0.5 | 0.9 | -- |
| 06/17/94 | 112.08 | 100.41 | 11.67 | -- | 330 | 1.4 | 3.3 | 1.9 | 11 | -- |
| 08/29/94 | 112.08 | 100.08 | 12.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | 112.08 | 102.57 | 9.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/31/95 | 112.08 | 103.24 | 8.84 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | 112.08 | 100.44 | 11.64 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | 112.08 | 100.00 | 12.08 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/95 | 112.08 | 101.58 | 10.50 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/29/96 | 112.08 | 104.08 | 8.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/26/96 | 112.08 | 100.58 | 11.50 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/12/96 | 112.08 | 99.81 | 12.27 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/11/96 | 112.08 | 104.17 | 7.91 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/31/97 | 112.08 | 100.20 | 11.88 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/97 | 112.08 | 99.89 | 12.19 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/30/97 | 112.08 | 99.46 | 12.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/12/97 | 112.08 | 102.85 | 9.23 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/19/98 | 112.08 | 104.87 | 7.21 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

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 |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|
| MW-3 | | | | | | | | | | |
| 09/20/93 | 113.67 | 97.25 | 16.42 | -- | 6600 | 400 | 11 | 32 | 23 | -- |
| 12/14/93 | 113.67 | 98.95 | 14.72 | -- | 8400 | 390 | 9.4 | 13 | <2.5 | -- |
| 03/16/94 | 113.67 | 98.45 | 15.22 | -- | 6900 | 260 | 30 | 32 | 27 | -- |
| 06/17/94 | 113.67 | 97.62 | 16.05 | -- | 10,000 | 190 | 61 | 58 | 190 | -- |
| 08/29/94 | 113.67 | 97.44 | 16.23 | -- | 7200 | 74 | 9.8 | 26 | 24 | -- |
| 12/06/94 | 113.67 | 99.35 | 14.32 | -- | 13,000 | 610 | 86 | 88 | 140 | -- |
| 03/31/95 | 113.67 | 99.98 | 13.69 | -- | 4300 | 120 | <10 | 12 | <10 | -- |
| 06/24/95 | 113.67 | 98.02 | 15.65 | -- | 6200 | 210 | 24 | 29 | 12 | -- |
| 09/12/95 | 113.67 | 97.68 | 15.99 | -- | 7200 | 190 | <20 | <20 | <20 | -- |
| 12/29/95 | 113.67 | 99.67 | 14.00 | -- | 7100 | 200 | <10 | 45 | 24 | <50 |
| 02/29/96 | 113.67 | 100.91 | 12.76 | -- | 1200 | 30 | <5.0 | <5.0 | <5.0 | <25 |
| 06/26/96 | 113.67 | 98.44 | 15.23 | -- | 7900 | 180 | <20 | 35 | 28 | 240 |
| 09/12/96 | 113.67 | 97.73 | 15.94 | -- | 11,000 | 150 | <5.0 | 35 | 28 | 170 |
| 12/11/96 | 113.67 | 99.86 | 13.81 | -- | 7500 | 75 | 8.8 | 30 | 45 | 110 |
| 03/31/97 | 113.67 | 98.23 | 15.44 | -- | 8700 | 100 | <10 | 20 | 23 | 50 |
| 06/29/97 | 113.67 | 97.99 | 15.68 | -- | 9300 | 120 | 28 | 22 | 19 | 150 |
| 09/30/97 | 113.67 | 97.76 | 15.91 | -- | 8200 | 78 | <10 | 22 | 25 | 96 |
| 12/12/97 | 113.67 | 100.82 | 12.85 | -- | 68 | 1.8 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/19/98 | 113.67 | 100.41 | 13.26 | -- | 220 | 5.6 | 1.5 | <0.5 | <0.5 | 6.1 |

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 |
|-------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|
| MW-5 | | | | | | | | | | |
| 09/20/93 | 116.74 | 101.43 | 15.31 | -- | 590 | 25 | 1.8 | 0.6 | 2.0 | -- |
| 12/14/93 | 116.74 | 102.19 | 14.55 | -- | 210 | 11 | 6.3 | 2.3 | 6.1 | -- |
| 03/16/94 | 116.74 | 101.77 | 14.97 | -- | 270 | 12 | 16 | 4.8 | 17 | -- |
| 06/17/94 | 116.74 | 101.36 | 15.38 | -- | 220 | 24 | 17 | 6.7 | 28 | -- |
| 08/29/94 | 116.74 | 101.54 | 15.20 | -- | 1000 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | 116.74 | 102.09 | 14.65 | -- | 110 | 9.2 | 9.7 | 2.2 | 11 | -- |
| 03/31/95 | 116.74 | 103.04 | 13.70 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | 116.74 | 101.95 | 14.79 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | 116.74 | 102.15 | 14.59 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/95 | 116.74 | 101.76 | 14.98 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/29/96 | 116.74 | 103.07 | 13.67 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/26/96 | 116.74 | 102.50 | 14.24 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/12/96 | 116.74 | 102.12 | 14.62 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/11/96 | 116.74 | 102.93 | 13.81 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/31/97 | 116.74 | 101.29 | 15.45 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/97 | 116.74 | 102.07 | 14.67 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/30/97 | 116.74 | 101.89 | 14.85 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/12/97 | 116.74 | 102.99 | 13.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/19/98 | 116.74 | 103.68 | 13.06 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

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 |
|-------------------|-----------------|--------------------|----------------|-------|--------------|---------|---------|---------------|--------|------|
| TRIP BLANK | | | | | | | | | | |
| 12/06/90 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/18/90 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/06/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/04/91 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/02/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/16/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/21/92 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/11/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 06/11/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 09/13/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- |
| 12/14/93 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/16/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/17/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 08/29/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/06/94 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 03/31/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 06/24/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 09/12/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/29/95 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 02/29/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/26/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/12/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 12/11/96 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 03/31/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 06/29/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 09/30/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 12/12/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |
| 02/19/98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 |

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on March 31, 1995.
Earlier field data and analytical results provided by Sierra Environmental.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-butyl Ether

Analytical Appendix



| | | |
|--|--|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-3864/980219-H1 Sample Descript: C-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802E28-01 | Sampled: 02/19/98 Received: 02/20/98 Analyzed: 03/02/98 Reported: 03/05/98 |
|--|--|---|

QC Batch Number: GC030298BTEX21A
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 | 110 |
| Methyl t-Butyl Ether | 2.5 | N.D. |
| Benzene | 0.50 | 1.7 |
| Toluene | 0.50 | N.D. |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | 0.51 |
| Chromatogram Pattern: | | Gas |

| Surrogates | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130 | 93 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|--|---|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-3864/980219-H1 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802E28-02 | Sampled: 02/19/98 Received: 02/20/98 Analyzed: 03/02/98 Reported: 03/05/98 |
|--|---|---|

QC Batch Number: GC030298BTEX21A
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 | 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 | 74 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Renner
Project Manager





| | | |
|--|---|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-3864/980219-H1 Sample Descript: MW-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802E28-03 | Sampled: 02/19/98 Received: 02/20/98 Analyzed: 03/02/98 Reported: 03/05/98 |
| Attention: Fran Thie | | |

QC Batch Number: GC030298BTEX21A
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 | 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 | 91 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Renner
Project Manager





| | | |
|--|---|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-3864/980219-H1 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802E28-04 | Sampled: 02/19/98 Received: 02/20/98 Analyzed: 03/03/98 Reported: 03/05/98 |
|--|---|---|

QC Batch Number: GC030398BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 50 | 220 |
| Methyl t-Butyl Ether | 2.5 | 6.1 |
| Benzene | 0.50 | 5.6 |
| Toluene | 0.50 | 1.5 |
| Ethyl Benzene | 0.50 | N.D. |
| Xylenes (Total) | 0.50 | N.D. |
| Chromatogram Pattern: | | Gas |

| Surrogates | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130 | 371 Q |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





| | | |
|--|---|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-3864/980219-H1 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802E28-05 | Sampled: 02/19/98 Received: 02/20/98 Analyzed: 03/02/98 Reported: 03/05/98 |
| Attention: Fran Thie | | |

QC Batch Number: GC030298BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

| Analyte | Detection Limit ug/L | Sample Results ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas | 1000 | 5400 |
| Methyl t-Butyl Ether | 50 | 110 |
| Benzene | 10 | 87 |
| Toluene | 10 | 16 |
| Ethyl Benzene | 10 | 32 |
| Xylenes (Total) | 10 | 31 |
| Chromatogram Pattern: | | Gas |
| Surrogates | Control Limits % | % Recovery |
| Trifluorotoluene | 70 130 | 106 |

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





| | | |
|--|---|---|
| Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 | Client Proj. ID: Chevron 9-3864/980219-H1 Sample Descript: MW-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802E28-06 | Sampled: 02/19/98 Received: 02/20/98 Analyzed: 03/02/98 Reported: 03/05/98 |
|--|---|---|

QC Batch Number: GC030298BTEX21A
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 | 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 | 93 |

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Client Proj. ID: Chevron 9-3864/980219-H1
Sample Descript: TB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802E28-07

Sampled: 02/19/98
Received: 02/20/98
Analyzed: 03/02/98
Reported: 03/05/98

Attention: Fran Thie

QC Batch Number: GC030298BTEX21A
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 | 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 | 89 |

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Sequoia Analytical

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(510) 988-9600
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FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-3864 / 980219-H1
Matrix: Liquid

Work Order #: 9802E28 -01-03, 05-07

Reported: Mar 18, 1998

QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes | Gas |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#: | GC030298BTEX21A | GC030298BTEX21A | GC030298BTEX21A | GC030298BTEX21A | GC030298BTEX21A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8015M |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |

| | | | | | |
|-------------------|--------------|--------------|--------------|--------------|--------------|
| Analyst: | C. DeMartini | C. DeMartini | C. DeMartini | C. DeMartini | C. DeMartini |
| MS/MSD #: | 9802H7004 | 9802H7004 | 9802H7004 | 9802H7004 | 9802H7004 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 |
| Analyzed Date: | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 |
| Instrument I.D.#: | GCHP21 | GCHP21 | GCHP21 | GCHP21 | GCHP21 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| Result: | 11 | 10 | 9.7 | 28 | 69 |
| MS % Recovery: | 110 | 100 | 97 | 93 | 115 |
| Dup. Result: | 11 | 11 | 10 | 31 | 57 |
| MSD % Recov.: | 110 | 110 | 100 | 103 | 95 |
| RPD: | 0.0 | 9.5 | 3.0 | 10 | 19 |
| RPD Limit: | 0-25 | 0-25 | 0-25 | 0-25 | 0-25 |

| LCS #: | BLK030298 | BLK030298 | BLK030298 | BLK030298 | BLK030298 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| Prepared Date: | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 |
| Analyzed Date: | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 | 3/2/98 |
| Instrument I.D.#: | GCHP21 | GCHP21 | GCHP21 | GCHP21 | GCHP21 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| LCS Result: | 10 | 10 | 10 | 29 | 52 |
| LCS % Recov.: | 100 | 100 | 100 | 97 | 87 |

| | | | | | |
|----------------|--------|--------|--------|--------|--------|
| MS/MSD | 60-140 | 60-140 | 60-140 | 60-140 | 60-140 |
| LCS | 70-130 | 70-130 | 70-130 | 70-130 | 70-130 |
| Control Limits | | | | | |

SEQUOIA ANALYTICAL

Reggy Fenner
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

9802E28.BLA <1>





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(650) 364-9600
(510) 988-9600
(916) 921-9600

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-3864 / 980219-H1
Matrix: Liquid

Work Order #: 9802E28-04

Reported: Mar 18, 1998

QUALITY CONTROL DATA REPORT

| Analyte: | Benzene | Toluene | Ethyl Benzene | Xylenes | Gas |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| QC Batch#: | GC030398BTEX17A | GC030398BTEX17A | GC030398BTEX17A | GC030398BTEX17A | GC030398BTEX17A |
| Analy. Method: | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8020 | EPA 8015M |
| Prep. Method: | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 | EPA 5030 |

| | | | | | |
|--------------------------|--------------|--------------|--------------|--------------|--------------|
| Analyst: | C. DeMartini | C. DeMartini | C. DeMartini | C. DeMartini | C. DeMartini |
| MS/MSD #: | 9802E2505 | 9802E2505 | 9802E2505 | 9802E2505 | 9802E2505 |
| Sample Conc.: | N.D. | N.D. | N.D. | N.D. | N.D. |
| Prepared Date: | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 |
| Analyzed Date: | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 |
| Instrument I.D.#: | GCHP17 | GCHP17 | GCHP17 | GCHP17 | GCHP17 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| Result: | 10 | 9.6 | 9.5 | 29 | 55 |
| MS % Recovery: | 100 | 96 | 95 | 97 | 92 |
| Dup. Result: | 9.6 | 9.0 | 8.6 | 28 | 63 |
| MSD % Recov.: | 96 | 90 | 86 | 93 | 105 |
| RPD: | 4.1 | 6.5 | 9.9 | 3.5 | 14 |
| RPD Limit: | 0-25 | 0-25 | 0-25 | 0-25 | 0-25 |

| LCS #: | BLK030398 | BLK030398 | BLK030398 | BLK030398 | BLK030398 |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| Prepared Date: | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 |
| Analyzed Date: | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 | 3/3/98 |
| Instrument I.D.#: | GCHP17 | GCHP17 | GCHP17 | GCHP17 | GCHP17 |
| Conc. Spiked: | 10 µg/L | 10 µg/L | 10 µg/L | 30 µg/L | 60 µg/L |
| LCS Result: | 10 | 9.7 | 9.4 | 30 | 55 |
| LCS % Recov.: | 100 | 97 | 94 | 100 | 92 |

| | | | | | |
|-----------------------|--------|--------|--------|--------|--------|
| MS/MSD | 60-140 | 60-140 | 60-140 | 60-140 | 60-140 |
| LCS | 70-130 | 70-130 | 70-130 | 70-130 | 70-130 |
| Control Limits | | | | | |

SEQUOIA ANALYTICAL

Peggy Fenner
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

9802E28.BLA <2>





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-3864/980219-H1

Received: 02/20/98

Lab Proj. ID: 9802E28

Reported: 03/05/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 10 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

#Q - Surrogate coelution was confirmed.

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager



Fax copy of Lab Report and COC to Chevron Contact: No

Chain-of-Custody-Record

Chevron Facility Number 9-3864
 Facility Address 5101 Telegraph, Oakland, CA
 Consultant Project Number 980219-111
 Consultant Name Blaine Tech Services, Inc.
 Address 1680 Rogers Ave., San Jose, CA 95112
 Project Contact (Name) Fran Thie
 (Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron U.S.A. Inc.
 P.O. BOX 5004
 San Ramon, CA 94583
 FAX (415)842-9591

Chevron Contact (Name) Phil Briggs
 (Phone) (510) 842-9136
 Laboratory Name Sequoia
 Laboratory Release Number 9034826
 Samples Collected by (Name) Morgan H.
 Collection Date 2-19-98
 Signature [Signature]

| Sample Number | Lab Sample Number | Number of Containers | Media | | Time | Sample Preservation | Lead (Yes or No) | Analytes To Be Performed | | | | | | | | | | Remarks | | | | |
|---------------|-------------------|----------------------|----------|---------|------|---------------------|------------------|--------------------------|---------------|----------------------------------|-------------------|-----------------------|-------------------------------|----------------------------|--------------------------|-----------------------------|--|---------|--|--|--|--|
| | | | S = Soil | A = Air | | | | C = Grab | D = Composite | PETX + TPH GAS/MSE (8020 + 8015) | TPH Diesel (8015) | Oil and Grease (8020) | Petroleum Hydrocarbons (8010) | Pesticide Aromatics (8020) | Pesticide Organics (810) | Extractable Organics (8270) | Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA) | | | | | |
| C-3 | 01 | 3 | W | D | 1102 | HCl | Yes | X | | | | | | | | | | | | | | |
| MW-1 | 02 | ↓ | ↓ | ↓ | 925 | ↓ | ↓ | ↓ | | | | | | | | | | | | | | |
| MW-2 | 03 | | | | 948 | | | | | | | | | | | | | | | | | |
| MW-3 | 04 | | | | 1040 | | | | | | | | | | | | | | | | | |
| MW-4 | 05 | | | | 1130 | | | | | | | | | | | | | | | | | |
| MW-5 | 06 | | | | 1015 | | | | | | | | | | | | | | | | | |
| TB | 07 | 2 | ↓ | ↓ | - | ↓ | ↓ | ↓ | | | | | | | | | | | | | | |

9802E28

DO NOT BILL FOR TB-LB

| | | | | | |
|--|-------------------------|--------------------------------|--|-------------------------|--------------------------------|
| Relinquished By (Signature) <u>[Signature]</u> | Organization <u>BTS</u> | Date/Time <u>2/20/98 12:00</u> | Received By (Signature) <u>[Signature]</u> | Organization <u>Seo</u> | Date/Time <u>2/20/98 12:00</u> |
| Relinquished By (Signature) <u>[Signature]</u> | Organization <u>Seo</u> | Date/Time <u>2/20/98</u> | Received By (Signature) <u>[Signature]</u> | Organization | Date/Time |
| Relinquished By (Signature) | Organization | Date/Time | Received For Laboratory By (Signature) | | Date/Time <u>2/20/98 14:33</u> |

Turn Around Time (Circle Choice)

24 Hrs.
 48 Hrs. 20 2 3
 5 Days
 10 Days
 As Contracted

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 980219-H1 | Station #: 9-3864 |
| Sampler: MH | Date: 2/19/98 |
| Well I.D.: C-3 | Well Diameter: <u>2</u> 3 4 6 8 |
| Total Well Depth: 29.09 | Depth to Water: 12.44 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>2.5</u> | x | <u>3</u> | = | <u>7.5</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1049 | 68.0 | 7.2 | 380 | 2.5 | |
| 1053 | 68.8 | 7.5 | 320 | 5.0 | |
| 1058 | 69.0 | 7.5 | 320 | 7.5 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Time: 1102 Sampling Date: 2/19

Sample I.D.: C-3 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | | | |
|------------------|--------------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| | O.R.P. (if req'd): | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|---------------------------------|--------------------------------------|
| Project #: 980219-H1 | Station #: 9-3864 |
| Sampler: MH | Date: 2/19/98 |
| Well I.D.: MW-1 | Well Diameter: 2 3 4 6 8 <u> </u> |
| Total Well Depth: 23.49 | Depth to Water: 9.41 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

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

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>2.1</u> | x | <u>3</u> | = | <u>6.3</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 918 | 64.0 | 7.4 | 480 | 2.5 | |
| 921 | 64.6 | 7.2 | 430 | 5.0 | |
| 924 | 64.2 | 7.2 | 420 | 7.5 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Time: 925 Sampling Date: 2/19

Sample I.D.: MW-1 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

| | | | | |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|----------------------------|-----------------------------------|
| Project #: 980219-H1 | Station #: 9-3864 |
| Sampler: MH | Date: 2/19/98 |
| Well I.D.: MW-2 | Well Diameter: (2) 3 4 6 8 |
| Total Well Depth: 24.56 | Depth to Water: 7.21 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 2.6 | x | 3 | = | 7.8 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 938 | 63.0 | 7.3 | 410 | 2.75 | |
| 941 | 63.4 | 7.1 | 400 | 5.50 | |
| 946 | 62.8 | 7.2 | 390 | 8.25 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 7.25

Sampling Time: 948 Sampling Date: 2/19

Sample I.D.: MW-2 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: _____

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | | | |
|------------------|--------------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| | O.R.P. (if req'd): | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 980219-H1 | Station #: 9-3864 |
| Sampler: MH | Date: 2/19/98 |
| Well I.D.: MW-3 | Well Diameter: <u>2</u> 3 4 6 8 |
| Total Well Depth: 26.72 | Depth to Water: 13.26 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 2.0 | x | 3 | = | 6.0 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1032 | 68.2 | 7.1 | 560 | 2 | |
| 1035 | 68.4 | 7.0 | 540 | 4 | |
| 1038 | 68.2 | 7.0 | 550 | 6 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1040 Sampling Date: 2/19

Sample I.D.: MW-3 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

| | | | | |
|------------------|--------------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| | O.R.P. (if req'd): | mV | Post-purge: | mV |

CHEVRON WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 980219-H1 | Station #: 9-3864 |
| Sampler: MH | Date: 2/19/98 |
| Well I.D.: MW-4 | Well Diameter: <u>2</u> 3 4 6 8 |
| Total Well Depth: 20.91 | Depth to Water: 7.77 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump
 Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port
 Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>2.0</u> | x | <u>3</u> | = | <u>6.0</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|----|-------|---------------|--------------|
| 1117 | | | | 2 | |
| 1121 | | | | 4 | |
| 1125 | | | | 6 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1130 Sampling Date: 2/19

Sample I.D.: MW-4 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | | | |
|------------------|--------------------|------------|-------------|-------------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| | O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: |

CHEVRON WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 980219-H1 | Station #: 9-3864 |
| Sampler: MH | Date: 2/19/98 |
| Well I.D.: MW-5 | Well Diameter: <u>2</u> 3 4 6 8 |
| Total Well Depth: 21.67 | Depth to Water: 13.06 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 2" | 0.16 | 5" | 1.02 |
| 3" | 0.37 | 6" | 1.47 |
| 4" | 0.65 | Other | radius ² * 0.163 |

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump
Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port
Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| 1.3 | x | 3 | = | 3.9 | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1009 | 67.2 | 7.2 | 530 | 1.5 | |
| 1011 | 67.4 | 7.2 | 480 | 3.0 | |
| 1013 | 67.4 | 7.2 | 480 | 4.5 | |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 1015 Sampling Date: 2/19

Sample I.D.: MW-5 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | | | |
|------------------|--------------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| | O.R.P. (if req'd): | mV | Post-purge: | mV |