Chevron

December 19, 1997

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

Marketing – Sales West
Phone 510 842-9500

Mr. Larry Seto
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Signal Service Station #S0800
800 Center Street
Oakland, California

Dear Mr. Seto:

Enclosed is a copy of the Fourth Quarter Groundwater Monitoring report for 1997, that was prepared by our consultant Blaine Tech Services, Inc. for the above noted facility. Groundwater samples were analyzed for TPH-g, BTEX and MtBE constituents.

The concentrations detected in monitoring wells MW-2, MW-6 and MW-7 were below method detection limits for all constituents, while the concentrations detected in well MW-4 were below method detection limits for all constituents except for toluene at 0.79 ppb. The consultant was unable to sample monitoring wells MW-1 and MW-5 as vehicles were parked over the well boxes.

The constituents detected in monitoring well MW-3 were similar as in the previous sampling event and appears to confirm the concentrations detected in this well. Chevron has no explanation for the concentration of MtBE that continues to be detected in this well since the tanks were reportedly removed in 1973 prior to usage of MtBE.

The depth to ground water varied from 9.43 feet to 11.08 feet below grade with a direction of flow northwesterly. This is a complete reversal of flow from the previous sampling event.

Sampling will continue quarterly. If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

cc: Ms. Bette Owen, Chevron

Ms. Ann Payne, Chevron

Mr. Terrell A. Sadler
618 Brooklyn Avenue
Oakland, CA. 94606

Mr. James Scott
BPH, Inc.
580 Market Street, Suite 400
San Francisco, CA. 94104

Ms. Sandi Nichols
Washburn, Briscoe & McCarthy
55 Francisco Street, Suite 600
San Francisco, CA. 94133

Mr. Hollis Rodgers
c/o Victor E. Brown, Esq.
580 Grand Avenue
Oakland, CA 94610

Mr. Ross Tinline
Pacific Environmental Group, Inc.
2025 Gateway Place, Suite 440
San Jose, CA 95110 (Less analytical results)

BLAINE
TECH SERVICES inc.

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

December 11, 1997

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

4th Quarter 1997 Monitoring at S-800

Fourth Quarter 1997 Groundwater Monitoring at
Former Chevron Service Station Number S-800
800 Center St.
Oakland, CA

Monitoring Performed on October 29 and
November 13, 1997

Groundwater Sampling Report **971029-D-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.

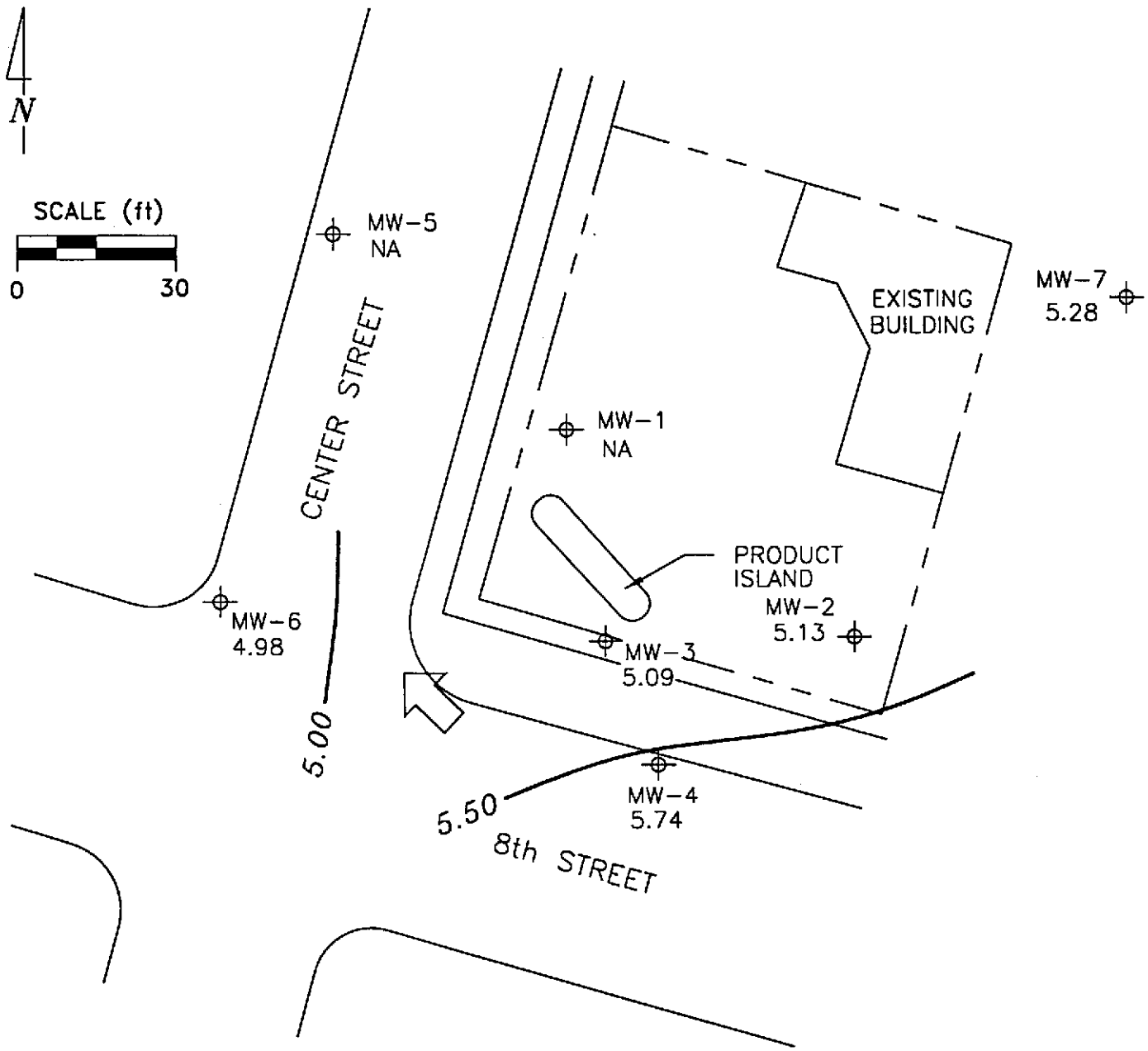
Yours truly,

Francis Thie
Vice President

FPT/ew

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

Professional Engineering Appendix



EXPLANATON

- ⊕ MONITORING WELL
- 4.98 GROUNDWATER ELEVATION (FT, MSL)
- 5.00 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- ↖ APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.008

REGISTERED GEOLOGIST
STEVEN E. KRCIK
No. 4976
9/98
STATE OF CALIFORNIA

Basemap from Ron Archer Engineer Inc.

PREPARED BY RRM engineering contracting firm	**Former Signal Service Station S-800** 800 Center Street Oakland, California **GROUNDWATER ELEVATION CONTOUR MAP, OCTOBER 29, 1997**	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
MW-1										
10/27/95	15.69	10.54	5.15	--	170,000	19,000	34,000	4800	26,000	--
02/20/97	15.64	8.96	6.68	--	18,000	870	3500	470	2100	<250
04/24/97	15.64	7.30	8.34	--	76,000	4600	16,000	1600	8300	1000
07/23/97	15.64	5.90	9.74	--	37,000	2700	8000	870	6100	<250
10/29/97	15.64	--	--	Inaccessible	--	--	--	--	--	--
MW-2										
10/27/95	15.77	10.60	5.17	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/97	15.72	8.51	7.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/97	15.72	7.82	7.90	--	83*	<0.5	<0.5	<0.5	<0.5	<2.5
07/23/97	15.72	5.92	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	15.72	5.13	10.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-3										
10/27/95	15.46	10.37	5.09	--	33,000	11,000	1700	2300	4200	--
02/20/97	15.42	8.37	7.05	--	260	56	<1.0	7.6	5.9	<5.0
04/24/97	15.42	7.29	8.13	--	1400	310	28	76	75	74
07/23/97	15.42	5.84	9.58	--	37,000	10,000	1500	2700	4200	2500
10/29/97	15.42	5.09	10.33	--	53,000	12,000	1200	3000	3100	2500
MW-4										
10/27/95	14.45	9.37	5.08	--	66	6.8	<0.5	<0.5	<0.5	--
02/20/97	14.40	8.12	6.28	--	54	<0.5	<0.5	<0.5	7.4	39
04/24/97	14.40	7.29	7.11	--	54	1.4	<0.5	0.65	3.0	100
07/23/97	14.40	5.80	8.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	14.40	5.74	8.66	Inaccessible	--	--	--	--	--	--
11/13/97	14.40	4.97	9.43	--	<50	<0.5	0.79	<0.5	<0.5	<2.5

* 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
MW-5										
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/97	15.03	--	--	Inaccessible	--	--	--	--	--	--
04/24/97	15.03	--	--	Inaccessible	--	--	--	--	--	--
04/30/97	15.03	7.06	7.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/23/97	15.03	--	--	Inaccessible	--	--	--	--	--	--
10/29/97	15.03	--	--	Inaccessible	--	--	--	--	--	--
MW-6										
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/97	14.73	8.11	6.62	--	800	310	23	11	28	<12
04/24/97	14.73	7.13	7.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/23/97	14.73	5.73	9.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	14.73	4.98	9.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-7										
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/97	16.36	8.86	7.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/97	16.36	7.59	8.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/23/97	16.36	6.09	10.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	16.36	5.28	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
TRIP BLANK										
02/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	--	--	--	--	<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 February 20, 1997.
Earlier field data and analytical results are drawn from the January 24, 1997 Groundwater Technology, Inc. report.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-Butyl Ether
ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron S-800/971029-D1
Sample Descript: MW-2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9710H92-01

Sampled: 10/29/97
Received: 10/30/97

Analyzed: 11/06/97
Reported: 11/10/97

QC Batch Number: GC110697BTEX21A
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	96

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron S-800/971029-D1	Sampled: 10/29/97
1680 Rogers Avenue	Sample Descript: MW-3	Received: 10/30/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/06/97
Attention: Fran Thie	Lab Number: 9710H92-02	Reported: 11/10/97

QC Batch Number: GC110697BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	20000	53000
Methyl t-Butyl Ether	1000	2500
Benzene	200	12000
Toluene	200	1200
Ethyl Benzene	200	3000
Xylenes (Total)	200	3100
Chromatogram Pattern:		Gas

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 Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron S-800/971029-D1
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9710H92-03

Sampled: 10/29/97
Received: 10/30/97

Analyzed: 11/04/97
Reported: 11/10/97

QC Batch Number: GC110497BTEX22A
Instrument ID: GCHP22

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	109

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron S-800/971029-D1	Sampled: 10/29/97
1680 Rogers Avenue	Sample Descript: MW-7	Received: 10/30/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/04/97
Attention: Fran Thie	Lab Number: 9710H92-04	Reported: 11/10/97

QC Batch Number: GC110497BTEX22A
Instrument ID: GCHP22

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	110

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Renner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron S-800/971029-D1	Sampled: 10/29/97
1680 Rogers Avenue	Sample Descript: TB	Received: 10/30/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/04/97
Attention: Fran Thie	Lab Number: 9710H92-05	Reported: 11/10/97

QC Batch Number: GC110497BTEX22A
Instrument ID: GCHP22

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	106

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

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

Client Project ID: Chevron S-800 / 971029-D1
Matrix: Liquid
Work Order #: 9710H92 -01-02
Reported: Nov 10, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC110697BTEX21A	GC110697BTEX21A	GC110697BTEX21A	GC110697BTEX21A	GC110697BTEX21A
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:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	9710I4809	9710I4809	9710I4809	9710I4809	9710I4809
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	11/6/97	11/6/97	11/6/97	11/6/97	11/6/97
Analyzed Date:	11/6/97	11/6/97	11/6/97	11/6/97	11/6/97
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:	8.9	8.7	8.7	26	49
MS % Recovery:	89	87	87	87	82
Dup. Result:	8.7	8.5	8.5	25	50
MSD % Recov.:	87	85	85	83	83
RPD:	2.3	2.3	2.3	3.9	2.0
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK110697	BLK110697	BLK110697	BLK110697	BLK110697
Prepared Date:	11/6/97	11/6/97	11/6/97	11/6/97	11/6/97
Analyzed Date:	11/6/97	11/6/97	11/6/97	11/6/97	11/6/97
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:	8.8	8.6	8.5	26	50
LCS % Recov.:	88	86	85	87	83
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Reggy 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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

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

Client Project ID: Chevron S-800 / 971029-D1
Matrix: Liquid
Work Order #: 9710H92-03-05
Reported: Nov 10, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC110497BTEX22A	GC110497BTEX22A	GC110497BTEX22A	GC110497BTEX22A	GC110497BTEX22A
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:	A. Porter	A. Porter	A. Porter	A. Porter	A. Porter
MS/MSD #:	9710F6604	9710F6604	9710F6604	9710F6604	9710F6604
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	11/4/97	11/4/97	11/4/97	11/4/97	11/4/97
Analyzed Date:	11/4/97	11/4/97	11/4/97	11/4/97	11/4/97
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	11	11	11	31	59
MS % Recovery:	110	110	110	103	98
Dup. Result:	10	9.9	9.7	28	58
MSD % Recov.:	100	99	97	93	97
RPD:	9.5	11	13	10	1.7
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK110497	BLK110497	BLK110497	BLK110497	BLK110497
Prepared Date:	11/4/97	11/4/97	11/4/97	11/4/97	11/4/97
Analyzed Date:	11/4/97	11/4/97	11/4/97	11/4/97	11/4/97
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	10	10	10	29	62
LCS % Recov.:	100	100	100	97	103
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron S-800/971029-D1	Received: 10/30/97
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9710H92	Reported: 11/10/97
Attention: Fran Thie		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 4 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9710H92-02 was diluted 400-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Chain-of-Custody-Record

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

Chevron Facility Number: S-800
Facility Address: 800 Center St., Oakland, CA
Consultant Project Number: 971029-P1
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 Contact (Name): Phil Briggs
(Phone) (510) 842-9136
Laboratory Name: Sequoia
Laboratory Release Number: 9013363
Samples Collected by (Name): Daniel Venor
Collection Date: 10/29/97
Signature:

Analyses To Be Performed: 9710H92

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS/MTBE (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)					Remarks
MW-2	1	3	W	D	11:00	HCL	Y	X												
MW-3	2				11:35			X												
MW-6	3				10:30			X												
MW-7	4				9:27			X												
TB	5				-			X												

DO NOT BILL FOR TB-LB

10 30 97

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	10/30/97 4:15		Sequoia	10/30/97 4:15
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
		10/30/97			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					10/30/97 1727

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron S-800/971113-S1
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9711870-01

Sampled: 11/13/97
Received: 11/14/97

Analyzed: 11/25/97
Reported: 12/01/97

QC Batch Number: GC112597BTEX04A
Instrument ID: GCHP4

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**	**0.79**
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	88

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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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

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

Client Project ID: Chevron S-800 / 971113-S1
Matrix: Liquid
Work Order #: 9711870 -01
Reported: Dec 3, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC112597802004A	GC112597802004A	GC112597802004A	GC112597802004A	GC112597802004A
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:	S.L.	S.L.	S.L.	S.L.	S.L.
MS/MSD #:	97110481	97110481	97110481	97110481	-
Sample Conc.:	8.9	N.D.	N.D.	1.4	-
Prepared Date:	11/25/97	11/25/97	11/25/97	11/25/97	-
Analyzed Date:	11/25/97	11/25/97	11/25/97	11/25/97	-
Instrument I.D.#:	GC4	GC4	GC4	GC4	-
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	-
Result:	26	18	19	54	-
MS % Recovery:	86	91	95	88	-
Dup. Result:	26	19	20	60	-
MSD % Recov.:	87	95	99	98	-
RPD:	0.77	3.8	4.7	10	-
RPD Limit:	0-25	0-25	0-25	0-25	-
LCS #:	LCS112597	LCS112597	LCS112597	LCS112597	LCS112597
Prepared Date:	11/25/97	11/25/97	11/25/97	11/25/97	11/25/97
Analyzed Date:	11/25/97	11/25/97	11/25/97	11/25/97	11/25/97
Instrument I.D.#:	GC4	GC4	GC4	GC4	GC4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	500 µg/L
LCS Result:	16	17	18	58	411
LCS % Recov.:	80	86	90	97	82
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL
Elap #1229

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

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron S-800/971113-S1	Received: 11/14/97
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9711870	Reported: 12/01/97
Attention: Fran Thie		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 5 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

hevron U.S.A. Inc.
.O. BOX 5004
an Ramon, CA 94583
AX (415)842-9591

Chevron Facility Number: S-800
Facility Address: 800 Center St., Oakland, CA
Consultant Project Number: 971113-S1
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 Contact (Name): Phil Briggs
(Phone) (510) 842-9136
Laboratory Name: Sequoia
Laboratory Release Number: 9013363
Samples Collected by (Name): DOUG SANDERS
Collection Date: 11-13-97
Signature:

Analyses To Be Performed 971170

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)					DO NOT BILL FOR TB-LB
MW-4	1	3	W	D	1210	HCl	Yes	X												

Remarks: NOV 14 12 38

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	11/14/97 11:00		Sequoia	11/14/97 11:00
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	Sequoia	11/14/97			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					11/14 1238

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 971113-S1	Station #: ## S-800
Sampler: DOUG	Date: 11-13-97
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.39	Depth to Water: 9.43
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 X / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: ____

0.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 1.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1203	70.2	7.3	560	0.5	Black color / odor
1204	69.8	7.2	580	1.0	
1205	70.0	7.1	570	2.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 2.0	
Sampling Time: 1210		Sampling Date: 11-13-97	
Sample I.D.: MW-4		Laboratory: (Sequoia) GTEL	
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

WELL GAUGING DATA

Project # 971029-D1 Date 10/29/97 Client Chevron

Site 800 Center St Oakland CA

Well I.D.	Well Size (in.)	Sheen/ Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
MW-1	2	NA		Car Parked over		Well	—	TOC
MW-2	2					10.59	13.42	
MW-3	2	odor/sheen				10.33	14.34	
MW-4	2		Debris	in Well		8.66	—	
MW-5	2	NA	Car	Parked over	Well	—	—	
MW-6	2					9.75	19.70	
MW-7	2					11.08	18.38	

CHEVRON WELL MONITORING DATA SHEET

Project #: 97029-D1	Station #: 5-800
Sampler: DV	Date: 10/29/97
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
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	radius² * 0.163

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

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Other: _____

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
		Well not Sampled			
		Car parked over well			
		@ 8:30, 10:00, 10:30, 11:30			

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		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 #: 971029.D1	Station #: 5-800
Sampler: DV	Date: 10/29/97
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.42	Depth to Water: 10.59
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer (X) / Middleburg / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer (X) / Extraction Port / Other: _____

0.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 1.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:50	69.6	6.8	700	0.5	
10:52	68.8	7.0	580	1.0	
10:55	68.2	7.2	540	1.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 1.5	
Sampling Time: 11:00		Sampling Date: 10/29/97	
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):	Pre-purge: ___ mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 971029-D1	Station #: S-800
Sampler: DV	Date: 10/29/97
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 14.34	Depth to Water: 10.33
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	radius² * 0.163

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

Sampling Method:
- Bailer
- Disposable Bailer X
- Extraction Port
- Other: _____

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
0.7	x	3	=	2.1 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:20	~~63~~ 67	6.9	1100	0.75	odor / sheen / tiny white bugs floating on the surface
11:25	~~67.8~~	7.0	1000	1.5	odor / sheen
11:30	70.1	7.1	1000	2.25	strong odor

Did well dewater? Yes (No)		Gallons actually evacuated: 2.25	
Sampling Time: 11:35		Sampling Date: 10/29/97	
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):	Pre-purge: mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 971029-D1	Station #: S-800
Sampler: DV	Date: 10/29/97
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: —	Depth to Water: 8.66
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	radius² * 0.163

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

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Other: _____

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
	Well	Not	Sampled		
		Debris	lodged	in well at	8.90
		Unable	to	purge any	water

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Time:	Sampling Date:		
Sample I.D.:	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 #: 971029-P1	Station #: S-800
Sampler: PV	Date: 10/29/97
Well I.D.: MW-5	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
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	radius² * 0.163

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

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Other: _____

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
		No	Sample Taken		
		Car	parked over well		
		@ 8:30, 9:30	11:00, 12:00		

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Time:	Sampling Date:		
Sample I.D.:	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 #: 971028 971029-T1	Station #: S-800
Sampler: DV	Date: 10/29/97
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.70	Depth to Water: 9.75
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	radius² * 0.163

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

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: _____

1.7	x	3	=	5.1 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:20	71.0	6.9	220	2	
10:23	70.8	6.8	220	4	
10:27	69.0	6.9	240	5.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 5.5	
Sampling Time: 10:30		Sampling Date: 10/29/97	
Sample I.D.: MW-6		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 #: 971029-P1	Station #: 5-900
Sampler: DV	Date: 10/29/97
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.38	Depth to Water: 11.08
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	radius² * 0.163

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

Sampling Method:
- Bailer
- Disposable Bailer X
- Extraction Port
- Other: _____

1.2	x	3	=	3.6 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
9:15	63.0	6.9	1400	1.25	
9:19	62.4	7.0	800	~~3~~ 2.5	
9:25	62.4	7.0	740	4	

Did well dewater? Yes (No)		Gallons actually evacuated: 4	
Sampling Time: 9:27		Sampling Date: 10/29/97	
Sample I.D.: MW-7		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 #: 971029-D1	Station #: 5-000
Sampler: DV	Date: 10/29/97
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.38	Depth to Water: 11.08
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer (X) / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer (X) / Extraction Port / Other: ____

1.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 3.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
9:15	63.0	6.9	1400	1.25	
9:19	62.4	7.0	800	~~2~~ 2.5	
9:25	62.4	7.0	740	4	

Did well dewater? Yes (No)		Gallons actually evacuated: 4	
Sampling Time: 9:27		Sampling Date: 10/29/97	
Sample I.D.: MW-7		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