Chevron

March 25, 1999

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

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

Re: Chevron Service Station #9-0917
5820 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

Enclosed is the fourth Quarter Groundwater Monitoring & Sampling Report for 1998 report prepared by Blaine Tech Services Inc. for the above noted site. This is a change in consultants from the previous sampling event. The groundwater samples were analyzed for the presence of TPH-g, BTEX and MtBE constituents. All of the wells are sampled quarterly except for well MW-4 which is monitored semi-annually (December and June). Note that wells MW-1, MW-2 and MW-3 have been abandoned.

Concentration of the benzene constituent decreased in monitoring wells MW-5 and MW-6 from the previous sampling event. Monitoring wells MW-7, MW-8 and MW-9 were below method detection limits for all constituents. In monitoring well MW-4, concentrations were below method detection limits for the TPH-g and BTEX constituents.

Depth to groundwater varied from 7.61 feet to 10.31 feet below grade with a direction of flow northeasterly.

As noted in the previous report, "there appears to be hydrocarbons entrapped in the area surrounding monitoring well MW-5 as the concentrations of benzene, even though declining over time will take a relatively long time to decline to background levels. To assist in the reduction of these hydrocarbons, **Chevron believes it would be appropriate to install oxygen-releasing compounds (ORC's) into well MW-5.** You verbally concurred with this request on August 18, 1998, however, you requested that a reading for dissolved oxygen (DO) in well MW-5 be taken prior to installing the ORC. If the DO were

low than it would make sense to install the ORC into MW-5." There was miscommunication with our consultant and the DO reading was not taken in the Third Quarter Sampling event. However, it was performed in the 4th Quarter. The DO readings for wells MW-5 and MW-6 were 1.1 mg/l and 0.9 mg/l respectively.

Therefore, due to these low DO readings ORC will be added to wells MW-5 and MW-6 during the First Quarter Sampling event. I have added well MW-6 in receiving ORC, since it is located upgradient of well MW-5 and could assist in increasing the availability of oxygen around well MW-5.

Chevron will continue to monitor the site as outlined above. If you have any questions call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Mr. Eddie So
RWQCB-San Francisco Bay Region
2101 Webster St., Suite 500, Oakland, CA 94612

Mr. Dan Christopoulos
Christopoulos Properties
43 Panoramic Way, Walnut Creek, CA 94595-1605

Lamorinda Development & Investment
89 Davis Road, Suite 260, Orinda, CA 94563

Motel 6 Operating L.P.
14651 Dallas Parkway, Suite 418
Dallas, TX 75240
Attn. Ms. Shannon Duchow

Ms. Bette Owen, Chevron

BLAINE
TECH SERVICES inc

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

March 17, 1999

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

4th Quarter 1998 Monitoring at 9-0917

Fourth Quarter 1998 Groundwater Monitoring at
Chevron Service Station Number 9-0917
5280 Hopyard Rd.
Pleasanton, CA

Monitoring Performed on December 23, 1998

Groundwater Sampling Report **981223-J-2**

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,

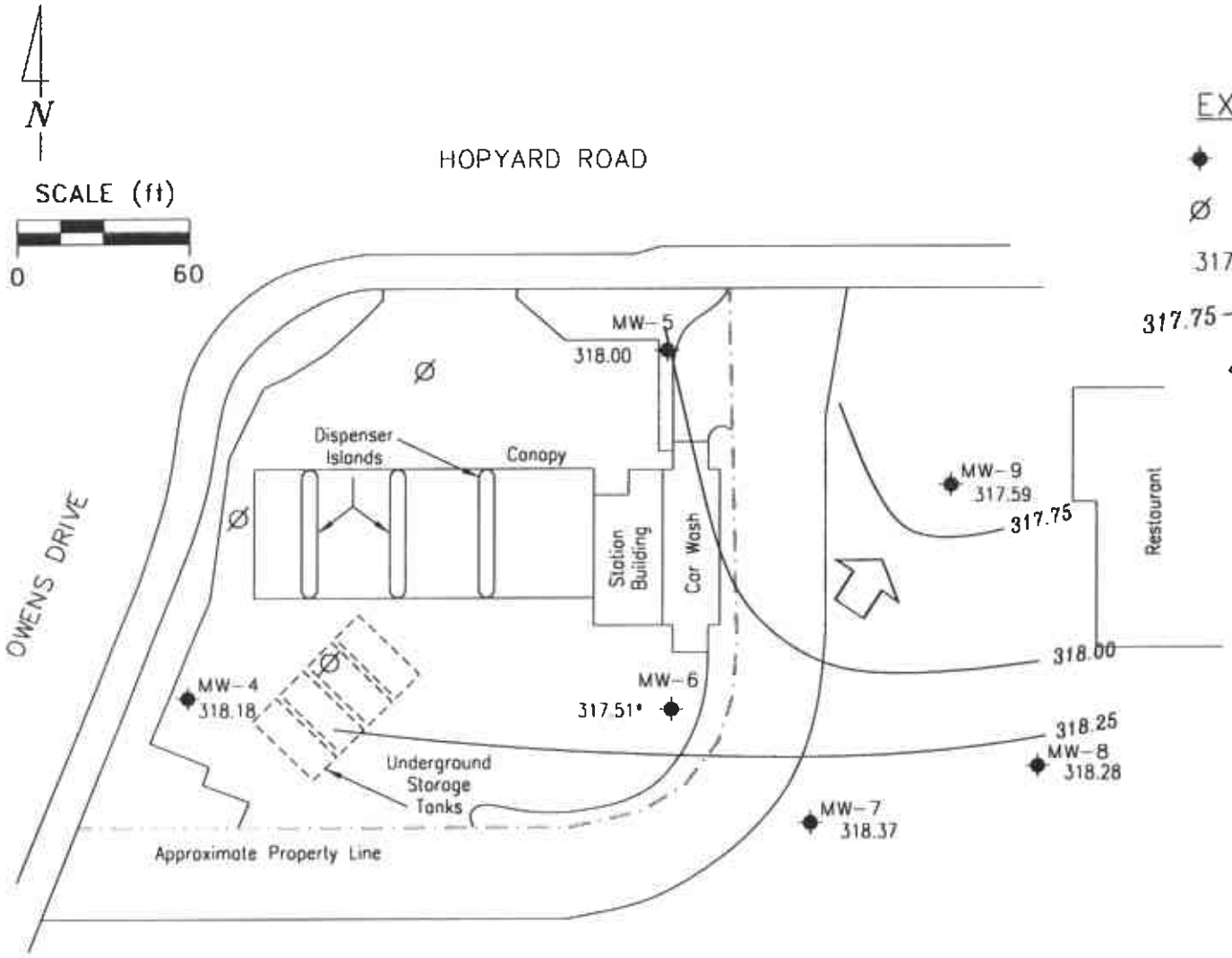
Christine Lillie

Christine Lillie
Project Coordinator

FPT/sb

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

Professional Engineering Appendix



EXPLANATION

- ◆ Monitoring well
- Ø Abandoned monitoring well
- 317.59 Groundwater elevation (ft, msl)
- 317.75 — Groundwater elevation contour (ft, msl)
- Approximate groundwater flow direction; Approximate gradient = 0.008
- * Not used in contouring

REGISTERED GEOLOGIST
STEVEN E. KRCIK
No. 4975
STATE OF CALIFORNIA

Ref. 0917-gm.dwg
Basemap from Geltler-Ryan, Inc.

PREPARED BY
RRM
engineering contracting firm

Chevron Station 9-0917
5280 Hopyard Road
Pleasanton, California

GROUNDWATER ELEVATION CONTOUR MAP, DECEMBER 23, 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
MW-1										
07/12/89	326.48	--	--	--	100	<0.5	<0.5	6.0	<0.5	--
08/02/89	326.48	318.38	8.10	--	--	--	--	--	--	--
10/24/89	326.48	318.97	7.51	--	<50	1.0	<0.5	13	<0.5	--
03/12/90	326.48	318.07	8.41	--	140	0.8	<0.5	1.0	<0.5	--
03/26/90	326.48	318.34	8.14	--	--	--	--	--	--	--
06/22/90	326.48	318.17	8.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	326.48	318.35	8.14	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.48	318.34	8.02	--	77	<0.5	<0.5	<0.5	<0.5	--
04/19/91	--	--	--	Abandoned	--	--	--	--	--	--
MW-2										
07/17/89	327.53	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	327.53	318.48	9.05	--	--	--	--	--	--	--
10/24/89	327.53	318.29	9.24	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	327.53	317.46	10.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	327.53	317.48	10.05	--	--	--	--	--	--	--
06/22/90	327.53	317.48	10.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	327.53	317.85	9.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	327.53	318.30	9.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	--	--	--	Abandoned	--	--	--	--	--	--
MW-3										
07/17/89	326.47	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	326.47	318.32	8.15	--	--	--	--	--	--	--
10/24/89	326.47	318.88	7.59	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	326.47	318.00	8.47	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	326.47	317.64	8.83	--	--	--	--	--	--	--
06/22/90	326.47	317.64	8.83	--	<50	0.4	<0.5	0.8	<0.5	--
09/11/90	326.47	318.06	8.41	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.47	318.49	7.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	--	--	--	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-4										
09/16/91	327.28	317.69	9.59	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	327.28	317.79	9.49	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	327.28	318.39	8.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	327.28	318.06	9.22	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	327.28	317.93	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	327.28	319.00	8.28	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	327.28	319.03	8.25	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/93	327.28	318.12	9.16	--	--	--	--	--	--	--
07/25/93	327.28	318.18	9.10	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	327.28	318.58	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	327.28	317.38	9.90	--	<50	<0.5	<0.5	<0.5	0.5	--
03/21/94	327.28	318.03	9.25	--	<50	1.0	2.0	0.5	1.9	--
06/07/94	327.28	318.23	9.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	327.28	318.31	8.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	327.28	318.06	9.22	--	<50	<0.5	1.1	0.8	2.7	--
03/06/95	327.28	318.26	9.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	327.28	318.47	8.81	--	170	<0.5	<0.5	<0.5	<0.5	--
09/14/95	327.28	318.00	9.28	--	<50	1.0	<0.5	1.6	<0.5	--
12/16/95	327.28	319.42	7.86	--	<50	<0.5	<0.5	<0.5	<0.5	150
03/28/96	327.28	318.94	8.34	--	<50	<0.5	<0.5	<0.5	<0.5	53
06/28/96	327.28	318.79	8.49	--	70	<0.5	<0.5	<0.5	<0.5	92
09/26/96	327.28	318.84	8.44	--	--	--	--	--	--	--
12/30/96	327.28	319.10	8.18	--	<50	<0.5	<0.5	<0.5	<0.5	100

CONTINUED ON NEXT PAGE

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 (CONT'D)										
03/13/97	327.28	318.43	8.85	--	--	--	--	--	--	--
06/30/97	327.28	318.79	8.49	--	260	<0.5	<0.5	<0.5	<0.5	330
09/30/97	326.93	318.32	8.61	--	--	--	--	--	--	--
12/31/97	326.93	318.40	8.53	--	<50	<0.5	<0.5	<0.5	<0.5	170
04/02/98	326.93	317.98	8.95	--	--	--	--	--	--	--
06/29/98	326.93	318.21	8.72	--	<50	<0.5	<0.5	<0.5	<0.5	150
09/16/98	326.93	317.59	9.34	--	--	--	--	--	--	--
12/23/98	326.93	318.18	8.75	--	<50	<0.5	<0.5	<0.5	<0.5	210

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										
09/16/91	327.82	317.76	10.06	--	12,000	4000	29	1600	92	--
01/22/92	327.82	317.24	10.58	--	44,000	2000	320	5700	2400	--
03/26/92	327.82	318.64	9.18	--	39,000	3200	210	5700	2400	--
06/05/92	327.82	317.92	9.90	--	28,000	3800	140	4000	2000	--
09/23/92	327.82	317.85	9.97	--	40,000	2000	290	2900	1800	--
12/30/92	327.82	319.02	8.80	--	44,000	9000	190	3100	1600	--
03/22/93	327.82	318.49	9.33	--	43,000	6500	170	2400	2400	--
06/14/93	327.82	318.04	9.78	--	--	--	--	--	--	--
07/25/93	327.82	318.10	9.72	--	43,000	550	45	2700	1100	--
09/23/93	327.82	318.40	9.42	--	44,000	14,000	640	3700	1800	--
12/28/93	327.82	318.15	9.67	--	56,000	12,000	590	4100	1600	--
03/21/94	327.82	318.11	9.71	--	48,000	12,000	600	4700	1600	--
06/07/94	327.82	318.10	9.72	--	42,000	13,000	480	3700	1200	--
10/07/94	327.82	318.27	9.55	--	15,000	1100	41	950	34	--
12/29/94	327.82	317.90	9.92	--	45,000	12,000	460	3600	1400	--
03/06/95	327.82	318.50	9.32	--	40,000	9700	210	3500	700	--
06/14/95	327.82	318.41	9.41	--	42,000	8000	170	3700	640	--
09/14/95	327.82	317.30	10.52	--	26,000	4100	85	2000	270	--
12/16/95	327.82	319.48	8.34	--	35,000	7300	<0.5	2900	420	<500
03/28/96	327.82	318.09	9.73	--	30,000	5200	160	3500	600	<250
06/28/96	327.82	318.37	9.45	--	26,000	4300	60	2100	200	680
09/26/96	327.82	317.95	9.87	--	15,000	2700	59	1300	140	400
12/30/96	327.82	318.82	9.00	--	34,000	4600	120	2800	660	310
03/13/97	327.82	318.33	9.49	--	13,000	1900	34	1300	220	76
06/30/97	327.82	318.19	9.63	--	11,000	1800	19	84	94	160
10/01/97	327.82	318.08	9.74	--	27,000	4700	120	3700	330	310
12/31/97	327.82	318.34	9.48	--	34,000	8000	130	3400	3900	<500
04/02/98	327.82	317.44	10.38	--	27,000	4600	65	3400	270	270
06/29/98	327.82	317.79	10.03	--	16,000	3000	<50	1800	220	290
09/16/98	327.82	318.84	8.98	--	9700	2700	52	1400	210	<250
12/23/98	327.82	318.00	9.82	--	5100	1600	18	570	39	130

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-6										
09/16/91	328.48	317.87	10.61	--	6200	1300	3.9	550	78	--
01/22/92	328.48	318.18	10.30	--	18,000	2800	48	2000	440	--
03/26/92	328.48	318.98	9.50	--	21,000	3300	17	2100	300	--
06/05/92	328.48	318.14	10.34	--	14,000	2800	9.2	1800	270	--
09/23/92	328.48	317.92	10.56	--	19,000	1000	40	1200	230	--
12/30/92	328.48	318.71	9.75	--	15,000	1100	<5	1000	77	--
03/22/93	328.48	319.21	9.27	--	15,000	1300	10	770	220	--
06/14/93	328.48	318.33	10.15	--	--	--	--	--	--	--
07/25/93	328.48	318.23	10.25	--	6400	630	<2.5	440	6.0	--
09/23/93	328.48	318.31	10.17	--	9500	1000	23	690	110	--
12/28/93	328.48	317.96	10.52	--	11,000	890	31	730	48	--
03/21/94	328.48	318.20	10.28	--	5700	380	10	270	22	--
06/07/94	328.48	318.20	10.28	--	5300	600	4.4	370	26	--
10/07/94	328.48	318.06	10.42	--	2600	270	<5.0	110	<5.0	--
12/29/94	328.48	318.23	10.25	--	4500	560	6.2	360	<5.0	--
03/06/95	328.48	319.12	9.36	--	4100	480	15	290	20	--
06/14/95	328.48	318.37	10.11	--	2800	180	6.9	110	6.6	--
09/14/95	328.48	318.21	10.27	--	3100	370	<0.5	250	<0.5	--
12/16/95	328.48	319.21	9.27	--	1900	210	<0.5	76	<0.5	<13
03/28/96	328.48	319.13	9.35	--	1000	120	<0.5	64	<0.5	<5.0
06/28/96	328.48	318.70	9.78	--	950	110	0.8	44	<0.5	22
09/26/96	328.48	319.02	9.46	--	1100	120	1.6	48	<0.5	17
12/30/96	328.48	319.45	9.03	--	3200	260	2.3	120	<0.5	23
03/13/97	328.48	318.76	9.72	--	2000	250	<0.5	110	<0.5	<5.0
06/30/97	328.48	318.81	9.67	--	470	<0.5	1.2	<0.5	<0.5	<5.0
10/01/97	327.82	318.53	9.29	--	1500	120	3.4	27	<0.5	20
12/31/97	327.82	317.61	10.21	--	1500	79	<2.5	28	<2.5	<12
04/02/98	327.82	318.86	8.96	--	760	48	2.3	9.9	<1.0	15
06/29/98	327.82	318.45	9.37	--	340	29	<2.5	7.1	<2.5	18
09/16/98	327.82	318.60	9.22	--	340	18	1.4	5.6	<1.0	18
12/23/98	327.82	317.51	10.31	--	390	5.4	1.2	0.58	1.2	15

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-7										
06/17/97	326.37	318.32	8.05	--	ND	ND	ND	ND	ND	ND
09/30/97	326.37	318.78	7.59	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	326.37	318.49	7.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	326.37	319.06	7.31	--	<50	**2.6**	<0.5	<0.5	<0.5	<2.5
06/29/98	326.37	318.39	7.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	326.37	318.55	7.82	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	326.37	318.37	8.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-8										
06/17/97	325.89	318.15	7.74	--	ND	ND	ND	ND	ND	ND
09/30/97	325.89	318.16	7.73	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.89	318.27	7.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.89	318.48	7.41	--	<50	<0.50	**1.3**	**0.67**	**3.5**	<2.5
06/29/98	325.89	317.98	7.91	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.89	318.42	7.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.89	318.28	7.61	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-9										
06/20/97	325.73	317.88	7.85	--	ND	ND	ND	ND	ND	ND
10/1/97	325.73	318.1	7.63		<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.73	318.53	7.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.73	318.52	7.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	325.73	315.31	10.42	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.73	315.99	9.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.73	317.59	8.14	--	<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										
06/22/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
09/16/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/14/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/28/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/28/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/13/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/01/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	--	<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
BAILER BLANK										
03/22/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on December 23, 1998.
Earlier field data and analytical results were provided by Gettler-Ryan.
Survey data for wells MW-4, MW-6, MW-7, MW-8 & MW-9 provided by Pacific Environmental Group, Inc. Survey by Mid Coast Engineers, June 1997.
Benchmark is City of Pleasanton E981, disk in monument box approx. 3,800' south of project, 20' west of centerline of Hopyard Road, and 250' southeast of centerline of Inglewood Drive to southwest. Benchmark Elevation = 324.875.

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, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: MW_4	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-01	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable 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**	**210**
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	113

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: MW_5	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-02	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**5100**
Methyl t-Butyl Ether	**25**	**130**
Benzene	**5.0**	**1600**
Toluene	**5.0**	**18**
Ethyl Benzene	**5.0**	**570**
Xylenes (Total)	**5.0**	**39**
Chromatogram Pattern:		**GAS**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	119

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: MW_6	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-03	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**390**
Methyl t-Butyl Ether	**2.5**	**15**
Benzene	**0.50**	**5.4**
Toluene	**0.50**	**1.2**
Ethyl Benzene	**0.50**	**0.58**
Xylenes (Total)	**0.50**	**1.2**
Chromatogram Pattern:		**GAS**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	122

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: MW_7	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-04	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable 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 #1271

Mike Gregory
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: MW_8	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-05	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable 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	103

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: MW_9	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-06	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable 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	104

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Sampled: 12/23/98
1680 Rogers Avenue	Sample Descript: TB	Received: 12/28/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/06/99
Attention: Christine Lillie	Lab Number: 9812G08-07	Reported: 01/13/99

QC Batch Number: GC010699802002A
Instrument ID: HP2

Total Purgeable 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	102

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-0917/981223-J2	Received: 12/28/98
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9812G08	Reported: 01/13/99
Attention: Christine Lillie		

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.).

TPH-GAS/BTEX:
Sample 9812G08-02 was diluted 10-fold.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services, Inc.	Client Project ID:	Chevron 9-0917/ 981223-J2	
1680 Rogers Ave.	Matrix:	Liquid	
San Jose, CA 95112			
Attention: Christine Lillie	Work Order #:	9812G08 -01-07	Reported: Jan 14, 1999

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	BTEX as TPH
QC Batch#:	GC010699802002A	GC010699802002A	GC010699802002A	GC010699802002A	GC010699802002A
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. Westwater	C. Westwater	C. Westwater	C. Westwater	C. Westwater
MS/MSD #:	8122239	8122239	8122239	8122239	8122239
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99
Analyzed Date:	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99
Instrument I.D.#:	HP2	HP2	HP2	HP2	HP2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	420 µg/L
Result:	18	17	18	60	410
MS % Recovery:	90	85	90	100	98
Dup. Result:	19	18	19	64	320
MSD % Recov.:	95	90	95	107	76
RPD:	5.4	5.7	5.4	6.5	24.7
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS010699	LCS010699	LCS010699	LCS010699	LCS010699
Prepared Date:	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99
Analyzed Date:	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99
Instrument I.D.#:	HP2	HP2	HP2	HP2	HP2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	420 µg/L
LCS Result:	18	17	19	60	320
LCS % Recov.:	90	85	95	100	76

MS/MSD	60-140	60-140	60-140	60-140	
LCS	70-130	70-130	70-130	70-130	50-150
Control Limits					

SEQUOIA ANALYTICAL
Elap #1271

Mike Gregory
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

Field
Data
Sheets

WELL GAUGING DATA

Project # 981223-52 Date 12/23/98 Client Chevron

Site 5280 Hopyard Rd Pleasanton, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-4	2					8.75	24.72	TOC	
MW-5	2					9.82	23.75		
MW-6	2					10.31	25.19		
MW-7	2					8.00	20.00		
MW-8	2					7.61	20.24		
MW-9	2					8.14	19.89		

CHEVRON WELL MONITORING DATA SHEET

Project #: 981223-52	Station #: 9-0917
Sampler: Steve	Date: 12/23/98
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 24.72	Depth to Water: 8.75
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 Case Volume (Gals.)		Specified Volumes		Calculated Volume
2.5	X	3	=	7.5 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1049	62.7	7.0	15,080	2.5	
1053	62.9	6.9	15,000	5.0	
1057	63.0	6.9	14,980	7.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 7.5	
Sampling Time: 1102		Sampling Date: 12/23/98	
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:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 981223-52	Station #: 9-0917
Sampler: Steve	Date: 12/23/98
Well I.D.: ~~23.75~~ MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 23.75	Depth to Water: 9.82
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 ✓ / Extraction Port / Other: ___

7.2	x	3	=	6.6 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1134	60.1	7.1	4300	2.5	
1137	59.7	7.0	4200	4.5	
1140	59.3	7.0	4200	7.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 7.0	
Sampling Time: 1145		Sampling Date: 12/23/98	
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:	1.1 mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	-181 mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 981223-52	Station #: 9-0917
Sampler: Steve	Date: 12/23/98
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 25.19	Depth to Water: 10.31
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: ___

2.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1112	63.1	7.2	8500	2.5	
1116	63.5	7.1	8500	5.0	
1120	63.4	7.1	8300	7.5	

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: 1125 Sampling Date: 12/23/98

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:	0.4 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	-54 mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 981222-52	Station #: 9-0917
Sampler: SHW	Date: 12/23/98
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 20.00	Depth to Water: 8.00
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 (X) / 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
1030	65.1	7.4	3380	1.5	
1032	65.7	7.2	3320	3.0	
1034	65.8	7.2	3300	4.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 4.0	
Sampling Time: 1039		Sampling Date: 12/23/98	
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 #: 981223-52	Station #: 9-0917
Sampler: Steve	Date: 12/23/98
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.24	Depth to Water: 7.61
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: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1011	66.3	7.0	16,700	2.0	
1014	66.5	7.0	16,000	4.0	
1017	66.6	6.9	16,000	6.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 6.0	
Sampling Time: 1022		Sampling Date: 12/23/98	
Sample I.D.: MW-8		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 #: 981223-52	Station #: 9-0917
Sampler: Steve	Date: 12/23/98
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.89	Depth to Water: 8.14
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: _____

1.9	x	3	=	5.7 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
950	57.1	7.3	3550	2.0	
953	57.3	7.2	3500	4.0	
956	57.5	7.2	3500	6.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 6.0	
Sampling Time: 1001		Sampling Date: 12/23/98	
Sample I.D.: MW-9		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