

BLAINE TECH SERVICES INC.

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

August 5, 1996

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

2nd Quarter 1996 Monitoring at 9-0121

Second Quarter 1996 Groundwater Monitoring at
Chevron Service Station Number 9-0121
3026 Lakeshore Avenue
Oakland, CA

Monitoring Performed on June 25, 1996

Groundwater Sampling Report 960625-L-1

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

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

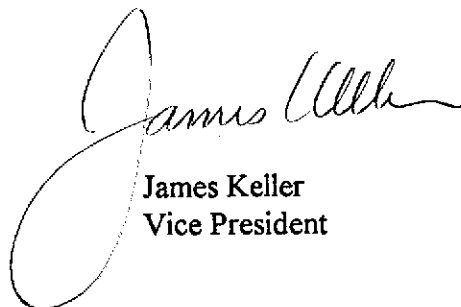
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater 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 cursive script, appearing to read "James Keller". The signature is written in black ink and is positioned above the printed name and title.

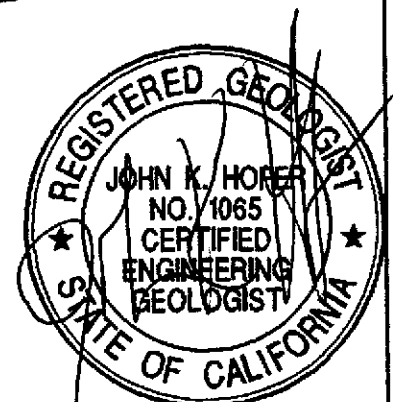
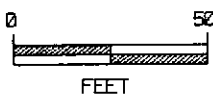
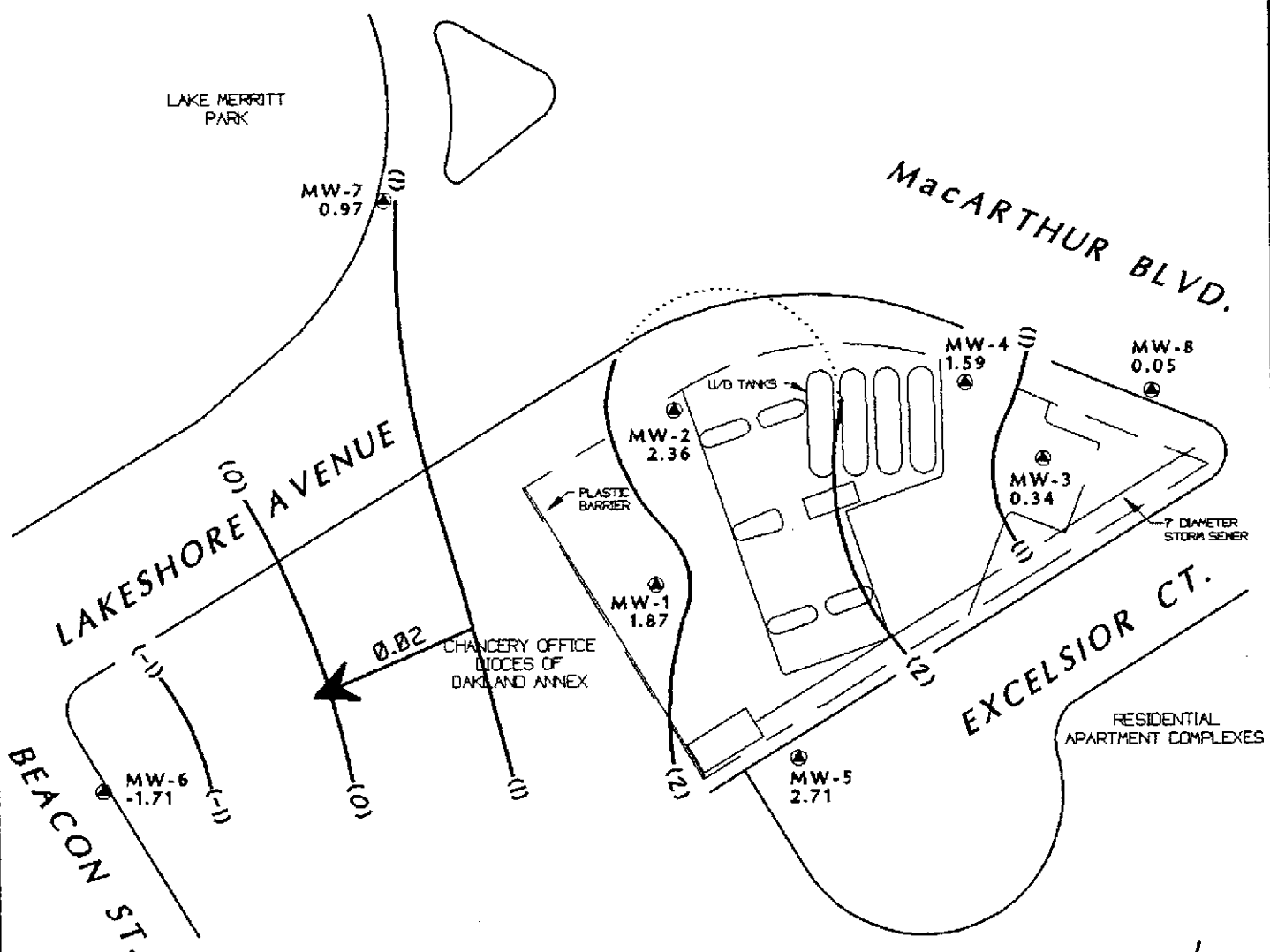
James Keller
Vice President

JPK/cg

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

Professional Engineering Appendix

EXPLANATION	
● MW-7	MONITORING WELL LOCATION AND WELL NUMBER
0.97	GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
— (1)	GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
0.02 →	APPROXIMATE DIRECTION OF GROUND-WATER FLOW. GRADIENT INDICATED IN FEET / FEET




TITLE : GROUND-WATER ELEVATION CONTOUR MAP - JUNE 25, 1996	 GEOCONSULTANTS, INC SAN JOSE, CALIFORNIA Project No. G758-09 DRAWING NO. CHEVRON-CH-021-V-062596
LOCATION : CHEVRON SERVICE STATION 9-0121 3026 LAKESHORE AVENUE, OAKLAND, CALIFORNIA	
SOURCE : CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.	

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TPH- Diesel	TDS	MTBE
MW-1															
08/20/91	6.82	1.62	5.20	--	--	--	--	5100	1700	21	220	34	260	--	--
09/30/91	6.82	1.15	5.67	Sheen	--	--	--	--	--	--	--	--	--	--	--
10/28/91	6.82	1.50	5.30	0.03	--	--	--	--	--	--	--	--	--	--	--
01/08/92	6.82	1.67	5.15	Sheen	--	--	--	5400	770	13	95	31	4400	--	--
01/13/92	6.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/23/92	6.89	1.48	5.41	--	--	--	--	7700	1500	40	230	100	2000	--	--
08/24/92	6.89	1.12	5.77	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	6.89	1.00	5.89	--	--	--	--	3500	1700	28	190	78	<50	--	--
10/26/92	6.89	0.95	5.94	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.89	2.18	4.71	--	--	--	--	60,000	7100	240	2000	1300	5500	--	--
01/08/93	6.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	6.89	2.17	4.72	--	--	--	--	530	1100	41	67	79	<10	--	--
06/11/93	6.89	5.37	5.07	--	--	--	--	7000	1900	33	120	69	--	840	9600
09/29/93	6.89	1.13	5.76	--	--	--	--	6600	1600	28	43	74	<10	--	--
12/20/93	6.89	1.74	5.15	--	--	--	--	6300	1900	36	82	65	<10	--	--
03/07/94	6.89	2.21	4.68	--	--	--	--	7700	1100	55	66	38	<10	--	12,000
06/17/94	6.89	1.83	5.06	--	--	--	--	4300	710	12	90	38	2200	--	--
09/12/94	6.89	1.24	5.65	--	--	--	--	6400	1500	<25	180	<25	2500	--	12,000
11/30/94	6.89	2.32	4.57	--	--	--	--	4900	690	26	97	60	2300*	--	3900
03/24/95	6.89	3.91	2.98	--	--	--	--	1800	160	7.3	11	14	1400**	--	1300
06/27/95	6.89	1.87	5.02	--	--	--	--	4600	1300	11	97	13	2300**	--	5100
09/28/95	6.89	1.59	5.30	--	--	--	--	6600	1500	<20	<20	<20	3900**	--	5800
12/19/95	6.89	2.21	4.68	--	--	--	--	3800	930	<10	100	<10	2600**	--	6300
02/28/96	6.89	3.27	3.62	--	--	--	--	3600	280	<5.0	18	5.5	1800**	--	2200
06/25/96	6.89	1.87↓	5.02	--	--	--	--	4700↑	1600↑	36	150	31	3000	--	3000

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

*** Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TPH- Diesel	TDS	MTBE
MW-2															
08/20/91	6.27	1.92	4.35	--	--	--	--	9300	3700	55	530	75	600	--	--
09/30/91	6.27	1.28	4.99	--	--	--	--	3500	2600	47	440	68	--	--	--
10/28/91	6.27	1.36	4.91	--	--	--	--	4600	1800	29	290	53	--	--	--
01/08/92	6.27	1.63	4.64	Sheen	--	--	--	14,000	4300	70	<25	130	--	--	--
01/13/92	6.27	--	--	--	--	--	--	--	--	--	--	--	38,000	--	--
06/23/92	6.27	1.63	4.64	0.02	--	--	--	--	--	--	--	--	--	--	--
08/24/92	6.27	1.34	4.94	0.02	--	--	--	--	--	--	--	--	--	--	--
09/21/92	6.27	1.20	5.08	0.01	--	--	--	--	--	--	--	--	--	--	--
10/26/92	6.27	0.34	5.93	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.27	--	--	--	--	--	--	21,000	5400	59	1300	160	160,000	--	--
01/08/93	6.27	2.57	3.70	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	6.27	2.89	3.38	Sheen	--	--	--	--	--	--	--	--	--	--	--
06/11/93	6.27	2.09	4.18	--	--	--	--	5900	1100	23	240	51	--	2300	--
09/29/93	6.27	0.07	6.20	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	6.27	1.94	4.35	0.02	--	--	--	--	--	--	--	--	--	--	--
03/07/94	6.27	2.60	3.67	--	--	--	--	26,000	5700	170	1000	150	<10	--	--
06/17/94	6.27	2.25	4.02	Sheen	--	--	--	--	--	--	--	--	--	--	--
09/12/94	6.27	1.45	4.83	0.01	--	--	--	--	--	--	--	--	--	--	--
11/30/94	6.27	2.27	4.00	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
03/24/95	6.27	2.73	4.01	0.59	0.000	0.000	--	--	--	--	--	--	--	--	--
06/27/95	6.27	1.71	4.96	0.50	0.013	0.013	--	--	--	--	--	--	--	--	--
09/28/95	6.27	2.62	4.25	0.75	0.013	0.026	--	--	--	--	--	--	--	--	--
12/19/95	6.27	1.99	4.76	0.60	0.010	0.036	--	--	--	--	--	--	--	--	--
02/28/96	6.27	1.99	4.58	0.38	0.008	0.044	--	--	--	--	--	--	--	--	--
06/25/96	6.27	2.36	4.29	0.47	0.030	0.074	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-3															
08/20/91	8.71	0.26	8.45	--	--	--	--	3100	200	13	15	12	200	--	--
09/30/91	8.71	-0.03	8.74	--	--	--	--	1000	150	8.3	13	6.7	--	--	--
10/28/91	8.71	-0.05	8.76	--	--	--	--	1200	120	6.7	11	7.5	--	--	--
01/08/92	8.71	-0.06	8.77	--	--	--	--	410	120	0.9	4.1	3.4	--	--	--
01/13/92	8.71	--	--	--	--	--	--	--	--	--	--	--	220	--	--
06/23/92	8.71	0.03	8.68	--	--	--	--	630	43	0.8	8.2	3.4	<50	--	--
08/24/92	8.71	-0.14	8.85	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	8.71	-0.23	8.94	--	--	--	--	1800	730	1.4	66	39	<50	--	--
10/26/92	8.71	-0.36	9.07	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	8.71	--	--	--	--	--	--	840	270	3.4	15	4.2	850	--	--
01/08/93	8.71	1.02	7.69	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	8.71	0.97	7.74	--	--	--	--	760	270	4.0	10	5.0	<10	--	--
06/11/93	8.71	0.19	8.52	--	--	--	--	200	32	1.0	5.0	2.0	--	5600	--
09/29/93	8.71	2.66	6.05	--	--	--	--	9300	2800	60	270	62	--	--	--
12/20/93	8.71	-0.12	8.83	--	--	--	--	460	250	4.0	8.0	4.0	<10	--	--
03/07/94	8.71	0.64	8.07	--	--	--	--	2400	260	13	35	18	<10	--	--
06/17/94	8.71	0.19	8.52	--	--	--	--	1000	200	4.0	6.6	6.7	<50	--	--
09/12/94	8.71	-0.21	8.92	--	--	--	--	360	130	3.4	4.8	3.3	<50	--	130
11/30/94	8.71	0.58	8.13	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
03/24/95	8.71	1.93	6.78	--	--	--	--	4100	920	<10	23	<10	1200*	--	70
06/27/95	8.71	0.49	8.22	--	--	--	--	3100	640	16	31	<10	1000*	--	<50
09/28/95	8.71	-0.14	8.85	--	--	--	--	490	78	3.4	4.4	2.4	460*	--	38
12/19/95	8.71	0.69	8.02	--	--	--	--	2600	580	<10	25	<10	650*	--	<50
02/28/96	8.71	1.16	7.55	--	--	--	--	1500	510	<5.0	9.9	<5.0	780**	--	<25
06/25/96	8.71	0.34	8.37	--	--	--	--	1300	390	7.8	14	6.5	1200*	--	31

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-4															
08/20/91	7.37	1.32	5.05	--	--	--	--	1800	870	4.0	3.0	9.0	160	--	--
09/30/91	7.37	1.70	5.67	--	--	--	--	670	830	5.5	2.7	12	--	--	--
10/28/91	7.37	1.56	5.81	--	--	--	--	2800	990	5.8	4.8	19	--	--	--
01/08/92	7.37	2.03	5.34	--	--	--	--	2900	1200	10	7.0	18	--	--	--
01/13/92	7.37	--	--	--	--	--	--	--	--	--	--	--	1000	--	--
06/23/92	7.37	2.00	5.37	--	--	--	--	1600	380	6.5	3.0	12	<50	--	--
08/24/92	7.37	1.62	5.75	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	7.37	1.42	5.95	--	--	--	--	1200	480	5.6	3.7	11	<50	--	--
10/26/92	7.37	1.41	5.96	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	7.37	--	--	--	--	--	--	1500	700	3.6	3.2	11	1800	--	--
01/08/93	7.37	2.73	4.64	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	7.37	2.95	4.42	--	--	--	--	520	160	3.0	1.0	4.0	<10	--	--
06/11/93	7.37	2.25	5.12	--	--	--	--	1200	430	5.0	6.0	11	--	2600	--
09/29/93	7.37	1.57	5.80	--	--	--	--	1300	210	8.0	2.0	14	--	--	--
12/20/93	7.37	2.27	5.10	--	--	--	--	570	230	5.0	4.0	8.0	3900	--	--
03/07/94	7.37	2.36	5.01	--	--	--	--	2200	290	18	2.5	11	2600	--	22,000
06/17/94	7.37	1.55	5.82	--	--	--	--	2100	480	11	4.3	9.5	2800	--	--
09/12/94	7.37	1.73	5.64	--	--	--	--	1700	340	6.1	2.7	9.7	3000	--	63,000
11/30/94	7.37	1.79	5.58	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
03/24/95	7.37	2.42	4.95	--	--	--	--	1500	280	<5.0	<5.0	6.9	3000*	--	12,000
06/27/95	7.37	-1.42	8.79	--	--	--	--	<10,000	310	<100	<100	<100	3100*	--	32,000
09/28/95	7.37	1.52	5.85	--	--	--	--	330	64	1.1	<0.5	<0.5	6300*	--	630
12/19/95	7.37	1.87	5.50	--	--	--	--	3000	520	<25	<25	<25	3400*	--	44,000
02/28/96	7.37	2.27	5.10	--	--	--	--	<10,000	230	<100	<100	<100	4700*	--	32,000
06/25/96	7.37	1.59	5.78	--	--	--	--	<10000	160	<100	<100	<100	3100	--	31,000

* Chromatogram pattern indicates an unidentified hydrocarbon.

** Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-5															
06/23/92	14.14	1.90	12.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
08/24/92	14.14	1.85	12.29	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	14.14	1.68	12.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	60	--	--
10/26/92	14.14	1.62	12.52	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	14.14	3.02	11.12	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	14.14	4.40	9.74	--	--	--	--	<50	<0.5	<0.5	<0.5	0.9	<10	--	--
06/11/93	14.14	3.70	10.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	770	--
09/29/93	14.14	2.22	11.92	--	--	--	--	<50	<0.5	0.6	<0.5	0.6	<10	--	--
12/20/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/07/94	14.14	2.80	11.34	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
06/17/94	14.14	2.87	11.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
09/12/94	14.14	1.28	12.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<5.0
11/30/94	14.14	2.23	11.91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	99*	--	--
03/24/95	14.14	4.38	9.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
06/27/95	14.14	2.74	11.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	55**	--	--
09/28/95	14.14	2.24	11.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	300**	--	--
12/19/95	14.14	1.56	12.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	53**	--	3.1
02/28/96	14.14	2.44	11.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<2.5
06/25/96	14.14	2.71	11.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	120**	--	36

* Chromatogram pattern indicates a non-diesel mix.
 ** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-6															
06/23/92	4.46	-0.68	5.14	--	--	--	--	<50	4.3	<0.5	0.8	0.9	120	--	--
08/24/92	4.46	-0.49	4.95	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	4.46	-0.44	4.90	--	--	--	--	<250	<2.5	<2.5	<2.5	<2.5	<50	--	--
10/26/92	4.46	-1.06	5.52	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	4.46	-0.94	5.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	81	--	--
01/08/93	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	4.46	-1.64	6.10	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	<10	--	--
06/11/93	4.46	-2.10	6.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	15,000	--
09/29/93	4.46	-0.71	5.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
12/20/93	4.46	-1.47	5.93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
03/07/94	4.46	-0.81	5.27	--	--	--	--	54	<0.5	<0.5	<0.5	0.6	<10	--	--
06/17/94	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/12/94	4.46	-0.64	5.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<50
11/30/94	4.46	-1.12	5.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	800*	--	--
03/24/95	4.46	-1.87	6.33	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	490**	--	--
06/27/95	4.46	-3.74	8.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	300**	--	--
09/28/95	4.46	-0.19	4.65	--	--	--	--	120	1.1	<0.5	<0.5	<0.5	1200**	--	--
12/19/95	4.46	-1.58	6.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	820**	--	<2.5
02/28/96	4.46	-1.54	6.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	270**	--	<2.5
06/25/96	4.46	-1.71	6.17	--	--	--	--	97	<0.5	<0.5	<0.5	0.71	750**	--	<2.5

* Chromatogram pattern indicates a non-diesel mix.
 ** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TPH- Diesel	TDS	MTBE
MW-7															
06/23/92	5.26	0.88	4.38	--	--	--	--	<50	4.7	<0.5	<0.5	<0.5	<50	--	--
08/24/92	5.26	-0.29	5.55	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	5.26	-0.39	5.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
10/26/92	5.26	-0.25	5.51	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	5.26	1.31	3.95	--	--	--	--	<50	2.9	<0.5	<0.5	<0.5	60	--	--
01/08/93	5.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	5.26	2.76	2.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
06/11/93	5.26	1.80	3.46	--	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--	2200	--
09/29/93	5.26	-0.26	5.52	--	--	--	--	<50	2.0	1.0	1.0	7.0	<10	--	--
12/20/93	5.26	0.85	4.41	--	--	--	--	<50	2.0	<0.5	<0.5	<0.5	<10	--	--
03/07/94	5.26	2.64	2.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
06/17/94	5.26	1.99	3.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
09/12/94	5.26	1.15	4.11	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<5.0
11/30/94	5.26	2.50	2.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	92*	--	--
03/24/95	5.26	3.06	2.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
06/27/95	5.26	1.36	3.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	69**	--	--
09/28/95	5.26	0.41	4.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	84**	--	--
12/19/95	5.26	2.24	3.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	84**	--	<2.5
02/28/96	5.26	3.83	1.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	99**	--	<2.5
06/25/96	5.26	0.97	4.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	110**	--	<2.5

* Chromatogram pattern indicates a non-diesel mix.
 ** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-8															
06/23/92	8.94	-15.20	24.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
08/24/92	8.94	0.34	8.60	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	8.94	0.55	8.39	--	--	--	--	94	<0.5	<0.5	<0.5	<0.5	<50	--	--
10/26/92	8.94	-0.18	9.12	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	8.94	0.83	8.11	--	--	--	--	<50	0.7	5.0	0.7	2.9	79	--	--
01/08/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/11/93	8.94	0.55	8.39	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	3500	--
09/29/93	8.94	0.69	8.25	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
12/20/93	8.94	0.48	8.46	--	--	--	--	<50	<0.5	0.6	<0.5	1.0	<10	--	--
03/07/94	8.94	0.28	8.66	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
06/17/94	8.94	0.12	8.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
09/12/94	8.94	0.11	8.83	--	--	--	--	<50	<0.5	<0.5	<0.5	0.8	<50	--	<5.0
11/30/94	8.94	0.31	8.63	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	120*	--	--
03/24/95	8.94	0.43	8.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	110**	--	--
06/27/95	8.94	-0.03	8.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	67**	--	--
09/28/95	8.94	0.04	8.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	91**	--	--
12/19/95	8.94	0.54	8.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	76**	--	<2.5
02/28/96	8.94	0.50	8.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<2.5
06/25/96	8.94	0.05	8.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	80**	--	<2.5

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
TRIP BLANK															
08/24/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/08/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/11/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/20/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/07/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/12/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/24/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/27/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/28/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/19/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/28/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/25/96	--	--	--	--	--	--	--	<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 November 1, 1994.
 Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

- TPH = Total Petroleum Hydrocarbons
- TDS = Total Dissolved Solids
- MTBE = Methyl-tert-butyl ether

Analytical Appendix



Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9606F74-01

Sampled: 06/25/96
Received: 06/26/96
Extracted: 07/01/96
Analyzed: 07/05/96
Reported: 07/15/96

QC Batch Number: GC0701960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 Unid. HC	3000 & W-Diesel
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 113

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9606F74-01

Sampled: 06/25/96
Received: 06/26/96
Analyzed: 07/02/96
Reported: 07/15/96

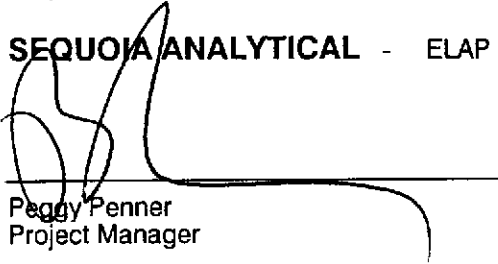
QC Batch Number: GC070296BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1250	4700
Methyl t-Butyl Ether	62	3000
Benzene	12	1600
Toluene	12	36
Ethyl Benzene	12	150
Xylenes (Total)	12	31
Chromatogram Pattern:		Gas
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 #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9606F74-02

Sampled: 06/25/96
Received: 06/26/96
Extracted: 07/01/96
Analyzed: 07/05/96
Reported: 07/15/96

GC Batch Number: GC0701960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	1200 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 112

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9606F74-02

Sampled: 06/25/96
Received: 06/26/96
Analyzed: 07/02/96
Reported: 07/15/96

Attention: Jim Keller

GC Batch Number: GC070296BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	1300
Methyl t-Butyl Ether	25	31
Benzene	5.0	390
Toluene	5.0	7.8
Ethyl Benzene	5.0	14
Xylenes (Total)	5.0	6.5
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 #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9606F74-03

Sampled: 06/25/96
Received: 06/26/96
Extracted: 07/01/96
Analyzed: 07/05/96
Reported: 07/15/96

Attention: Jim Keller


QC Batch Number: GC0701960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	100 Unid. HC	3100 & W-Diesel
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 145

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9606F74-03

Sampled: 06/25/96
Received: 06/26/96
Analyzed: 07/02/96
Reported: 07/15/96

QC Batch Number: GC070296BTEX02A
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	10000	N.D.
Methyl t-Butyl Ether	500	31000
Benzene	100	160
Toluene	100	N.D.
Ethyl Benzene	100	N.D.
Xylenes (Total)	100	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9606F74-04

Sampled: 06/25/96
Received: 06/26/96
Extracted: 07/01/96
Analyzed: 07/05/96
Reported: 07/15/96

QC Batch Number: GC0701960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	120 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 108

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Fenner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9606F74-04

Sampled: 06/25/96
Received: 06/26/96
Analyzed: 07/02/96
Reported: 07/15/96

QC Batch Number: GC070296BTEX21A
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	36
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	108

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Renner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/960625-L1 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9606F74-05	Sampled: 06/25/96 Received: 06/26/96 Extracted: 07/01/96 Analyzed: 07/05/96 Reported: 07/15/96
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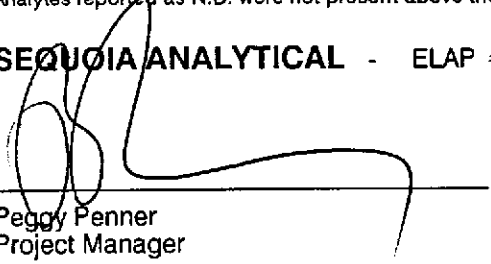
QC Batch Number: GC0701960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	750 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 115

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0121/960625-L1 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9606F74-05	Sampled: 06/25/96 Received: 06/26/96 Analyzed: 07/02/96 Reported: 07/15/96
Attention: Jim Keller		

QC Batch Number: GC070296BTEX21A
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	97
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	0.71
Chromatogram Pattern: Weathered Gas		C9-C12
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 #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/960625-L1 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9606F74-06	Sampled: 06/25/96 Received: 06/26/96 Extracted: 07/01/96 Analyzed: 07/05/96 Reported: 07/15/96
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QC Batch Number: GC0701960HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	110 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 118

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Fenner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0121/960625-L1 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9606F74-06	Sampled: 06/25/96 Received: 06/26/96 Analyzed: 07/02/96 Reported: 07/15/96
--	---	---

QC Batch Number: GC070296BTEX21A
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	105

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Client Proj. ID: Chevron 9-0121/960625-L1
Sample Descript: MW-8
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9606F74-07

Sampled: 06/25/96
Received: 06/26/96
Analyzed: 07/02/96
Reported: 07/15/96

QC Batch Number: GC070296BTEX21A
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	101

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Fenner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/960625-L1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9606F74-08	Sampled: 06/25/96 Received: 06/26/96 Analyzed: 07/02/96 Reported: 07/15/96
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QC Batch Number: GC070296BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	105

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

Client Proj. ID: Chevron 9-0121/960625-L1
Lab Proj. ID: 9606F74

Received: 06/26/96
Reported: 07/15/96

LABORATORY NARRATIVE

TPPH Note: Sample 9606F74-01 was diluted 25-fold.
Sample 9606F74-02 was diluted 10-fold.
Sample 9606F74-03 was diluted 200-fold.

TEPH Note: Sample 9606E74-03 was diluted 2-fold.

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager





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

Client Project ID: Chevron 9-0121 / 960625-L1
Matrix: Liquid

Work Order #: 9606F74 -03

Reported: Jul 16, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC070296BTEX02A	GC070296BTEX02A	GC070296BTEX02A	GC070296BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9606E6103	9606E6103	9606E6103	9606E6103
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/2/96	7/2/96	7/2/96	7/2/96
Analyzed Date:	7/2/96	7/2/96	7/2/96	7/2/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.4	8.4	8.5	25
MS % Recovery:	84	84	85	83
Dup. Result:	7.8	7.8	7.9	23
MSD % Recov.:	78	78	79	77
RPD:	7.4	7.4	7.3	8.3
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK070296	BLK070296	BLK070296	BLK070296
Prepared Date:	7/2/96	7/2/96	7/2/96	7/2/96
Analyzed Date:	7/2/96	7/2/96	7/2/96	7/2/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	7.7	7.8	8.1	23
LCS % Recov.:	77	78	81	77

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

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

9606F74.BLA <1>





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

Client Project ID: Chevron 9-0121 / 960625-L1
Matrix: Liquid

Work Order #: 9606F74-01-02, 04-08

Reported: Jul 16, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC070296BTEX21A	GC070296BTEX21A	GC070296BTEX21A	GC070296BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9606E6103	9606E6103	9606E6103	9606E6103
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/2/96	7/2/96	7/2/96	7/2/96
Analyzed Date:	7/2/96	7/2/96	7/2/96	7/2/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.2	7.8	7.9	23
MS % Recovery:	82	78	79	77
Dup. Result:	8.3	8.0	8.2	25
MSD % Recov.:	83	80	82	83
RPD:	1.2	2.5	3.7	8.3
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK070296	BLK070296	BLK070296	BLK070296
Prepared Date:	7/2/96	7/2/96	7/2/96	7/2/96
Analyzed Date:	7/2/96	7/2/96	7/2/96	7/2/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	7.9	7.6	7.7	23
LCS % Recov.:	79	76	77	77

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

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

9606F74.BLA <2>





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

Client Project ID: Chevron 9-0121 / 960625-L1
Matrix: Liquid

Work Order #: 9606F74-01-07

Reported: Jul 16, 1996

QUALITY CONTROL DATA REPORT

Analyte: Diesel

QC Batch#: GC0701960HBOEXZ

Analy. Method: EPA 8015M

Prep. Method: EPA 3520

Analyst: B. Ali

MS/MSD #: 9606F7407

Sample Conc.: 80

Prepared Date: 7/1/96

Analyzed Date: 7/3/96

Instrument I.D.#: GCHP4

Conc. Spiked: 1000 µg/L

Result: 860

MS % Recovery: 78

Dup. Result: 870

MSD % Recov.: 79

RPD: 1.2

RPD Limit: 0-50

LCS #: BLK070196

Prepared Date: 7/1/96

Analyzed Date: 7/3/96

Instrument I.D.#: GCHP4

Conc. Spiked: 1000 µg/L

LCS Result: 800

LCS % Recov.: 80

MS/MSD 50-150

LCS 60-140

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

9606F74.BLA <3>



Field Data Sheets

WELL GAUGING DATA

Project # 960625-L1 Date 6-25-96 Client 9-0121

Site 3026 LAKE SHORE AVE, 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	4					5.02	18.91	TOC
MW-2	3/4	SPH	3.82	* 0.47	100ml	4.29	—	↓
MW-3	3/4					8.37	17.33	
MW-4	3/4	ODOR				5.78	15.23	
MW-5	2					11.43	32.75	
MW-6	2					6.17	18.76	
MW-7	2					4.29	14.85	
MW-8	2					8.89	24.88	

* DOUBLE CHECKED WITH HOSE TO VERIFY SPH THICKNESS

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-L1</u>	Station #: <u>9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25-96</u>
Well I.D.: <u>MW-1</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>18.91</u> After	Depth to Water: Before <u>5.02</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

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

<u>9.0</u>	x	<u>3</u>	=	<u>27.0</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer <u>X 4" PVC</u> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other _____	Sampling: Bailer <u>✓</u> Disposable Bailer <u>X</u> Extraction Port Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1335</u>	<u>76.2</u>	<u>7.6</u>	<u>840.</u>	—	<u>9.</u>	
<u>1340</u>	<u>75.2</u>	<u>7.5</u>	<u>810.</u>	—	<u>18.</u>	
<u>1345</u>	<u>75.4</u>	<u>7.4</u>	<u>800.</u>	—	<u>27.</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 27

Sampling Time: 1347 Sampling Date: 6-25-96

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle) MTBE

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960625-L1	Station #: 9-0121
Sampler: LAD	Start Date: 6-25-96
Well I.D.: MW-2	Well Diameter: (circle one) 2 3 4 6 3/4
Total Well Depth: Before _____ After _____	Depth to Water: Before 4.29 After _____
Depth to Free Product: 3.82	Thickness of Free Product (feet): 0.47
Measurements referenced to: (FVC)	Grade _____ Other: _____

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

_____ X _____	=	_____ gallons
1 Case Volume	Specified Volumes	

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

Sampling: Bailer
 Disposable Bailer _____
 Extraction Port _____
 Other _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
*BAILED OUT APPROX. 100ml SPH						

Did Well Dewater? _____ If yes, gals. _____ Gallons Actually Evacuated: **1.**

Sampling Time: **1420** Sampling Date: **6-25-96**

Sample I.D.: **SPH-MW2** Laboratory: **CHEV. TERMINAL**

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle) **MATERIAL IDENTIFICATION**

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle) _____

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-L1</u>	Station #: <u>9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25-96</u>
Well I.D.: <u>MW-3</u>	Well Diameter: (circle one) 2 3 4 6 <u>0.75</u>
Total Well Depth: Before <u>17.33</u> After	Depth to Water: Before <u>8.37</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>FVC</u>	Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.33	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

$$\begin{array}{r}
 \underline{0.3} \quad \times \quad \underline{3} \\
 \text{1 Case Volume} \quad \text{Specified Volumes} \quad = \quad \underline{0.9} \\
 \text{gallons}
 \end{array}$$

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other: DED 1/2" HOSE

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other: DED 1/2" HOSE

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1303</u>	<u>73.4</u>	<u>6.9</u>	<u>4800</u>	—	<u>0.3</u>	
<u>1313</u>	<u>71.0</u>	<u>6.8</u>	<u>4500</u>	—	<u>0.6</u>	
<u>1325</u>	<u>71.2</u>	<u>6.8</u>	<u>4500</u>	—	<u>0.9</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 0.9

Sampling Time: 1330 Sampling Date: 6-25-96

Sample I.D.: MW-3 Laboratory: SEQ

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

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-11</u>	Station #: <u>9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25-96</u>
Well I.D.: <u>MW-4</u>	Well Diameter: (circle one) 2 3 4 <u>6 3/4</u>
Total Well Depth: Before <u>15.23</u> After	Depth to Water: Before <u>5.78</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>VFC</u>	Grade Other:

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

$$\underline{0.3} \times \underline{3} = \underline{0.9}$$

1 Case Volume Specified Volumes = gallons

Purging: Bailer ~~X~~ PIN BT5 DED.
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer ~~X~~ PIN BT5 DED.
 Disposable Bailer
 Extraction Port
 Other _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1355</u>	<u>73.2</u>	<u>7.0</u>	<u>2400.</u>	—	<u>0.3</u>	<u>ODOR</u>
<u>1359</u>	<u>71.2</u>	<u>7.0</u>	<u>2300.</u>	—	<u>0.6</u>	
<u>1405</u>	<u>71.6</u>	<u>7.0</u>	<u>2200.</u>	—	<u>0.9</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 0.9

Sampling Time: 1410 Sampling Date: 6-25-96

Sample I.D.: MW-4 Laboratory: SEL.

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

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-L1</u>	Station #: <u>9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25-96</u>
Well I.D.: <u>MW-5</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>32.75</u> After	Depth to Water: Before <u>11.43</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(VVC)</u>	Grade Other:

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

<u>3.4</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>10.2</u>
1 Case Volume		Specified Volumes		gallons

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1046</u>	<u>65.8</u>	<u>6.9</u>	<u>1000.</u>	<u>—</u>	<u>4.</u>	
<u>1050</u>	<u>64.6</u>	<u>6.8</u>	<u>980.</u>	<u>—</u>	<u>8.</u>	
<u>1054</u>	<u>64.0</u>	<u>6.8</u>	<u>950.</u>	<u>—</u>	<u>11.</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 11

Sampling Time: 1056 Sampling Date: 6-25-96

Sample I.D.: MW-5 Laboratory: SEQ.

Analyzed for: (TPH-G) (BTEX) (TPH-D) OTHER: MTBE

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

Analyzed for: (TPH-G) (BTEX) (TPH-D) OTHER: _____

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-L1</u>	Station #: <u>9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25-96</u>
Well I.D.: <u>MW-6</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>18.76</u> After	Depth to Water: Before <u>6.17</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(VCF)</u>	Grade Other:

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

<u>2.0</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>6.0</u>	gallons
1 Case Volume		Specified Volumes			

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

TIME	TEMP. (F)	PH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1105</u>	<u>69.6</u>	<u>6.7</u>	<u>7000.</u>	<u>—</u>	<u>2.</u>	
<u>1109</u>	<u>68.2</u>	<u>6.5</u>	<u>6500.</u>	<u>—</u>	<u>4.</u>	
<u>1114</u>	<u>68.4</u>	<u>6.6</u>	<u>6400.</u>	<u>—</u>	<u>6.</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.

Sampling Time: 1120 Sampling Date: 6-25-96

Sample I.D.: MW-6 Laboratory: SEQ

Analyzed for: (TPH-G) (BTEX) (TPH-D) OTHER:
MTBE

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-L1</u>	Station #: <u>960625-L 9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25</u>
Well I.D.: <u>MW-7</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>14.85</u> After	Depth to Water: Before <u>4.29</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other:	

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

$$\frac{1.7}{1 \text{ Case Volume}} \times \frac{3}{\text{Specified Volumes}} = \frac{5.1}{\text{gallons}}$$

Purging: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1220</u>	<u>74.6</u>	<u>7.1</u>	<u>1400.</u>	<u>—</u>	<u>2.</u>	
<u>1225</u>	<u>71.8</u>	<u>6.8</u>	<u>1500.</u>	<u>—</u>	<u>4.</u>	
<u>1230</u>	<u>71.4</u>	<u>6.6</u>	<u>1500.</u>	<u>—</u>	<u>6.</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.

Sampling Time: 1238 Sampling Date: 6-25-96

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

Analyzed for: TPH-G BTEX TPH-D OTHER: MTBE
 (Circle)

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960625-L1</u>	Station #: <u>9-0121</u>
Sampler: <u>LAD</u>	Start Date: <u>6-25-96</u>
Well I.D.: <u>MW-8</u>	Well Diameter: (circle one) <u>3</u> 4 6
Total Well Depth: Before <u>24.88</u> After	Depth to Water: Before <u>8.89</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>VCF</u>	Grade Other:

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

<u>2.6</u>	x	<u>3</u>	=	<u>7.8</u>	gallons
1 Case Volume		Specified Volumes			

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

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1130</u>	<u>66.6</u>	<u>7.8</u>	<u>2000.</u>	<u>—</u>	<u>3.</u>	
<u>1134</u>	<u>65.6</u>	<u>7.5</u>	<u>1500.</u>	<u>—</u>	<u>6.</u>	
<u>1138</u>	<u>65.8</u>	<u>7.4</u>	<u>1500.</u>	<u>—</u>	<u>8.</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 8

Sampling Time: 1140 Sampling Date: 6-25-96

Sample I.D.: MW-8 Laboratory: SEQ

Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~TPH-D~~ OTHER: MTBE
 (Circle)

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

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)