Chevron

February 13, 1996

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

Mark A. Miller
SAR Engineer
Phone No. 510 842-8134
Fax No. 510 842-8252

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

Re: Chevron Service Station #9-0076
4265 Foothill Boulevard, Oakland, CA

Dear Mr. Chan:

Enclosed is the Fourth Quarter 1995 Groundwater Monitoring report dated January 17, 1996, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and BTEX. Concentrations of dissolved constituents observed during the past quarter are consistent with historic sampling results. Depth to ground water was measured at approximately 20.6 to 30.9 feet below grade and the direction of flow is to the southwest.

Thank you for your letter of July 12, 1995, approving the work plan for the installation of a down gradient well. We are in the process of obtaining access to the private property where this well will be located and will keep you informed of our progress.

We are currently consulting with our Research and Technology group to develop a work plan for a risk evaluation. Unfortunately, this activity has taken much longer than originally anticipated. We currently plan to forward a work plan to your office by the end of first quarter, 1996.

Chevron will continue to monitor and sample all wells at this site on a quarterly basis. If you have any questions or comments, please feel free to contact me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Mr. S.A. Willer

Mr. Jeff Granberry
Shell Oil Company
P.O. Box 4023
Concord, CA 94524

BLAINE
TECH SERVICES INC.

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

January 17, 1996

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

4th Quarter 1995 Monitoring at 9-0076

Fourth Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-0076
4265 Foothill Blvd.
Oakland, CA

Monitoring Performed on December 6, 1995

Groundwater Sampling Report **951206-D-2**

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

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

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

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

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

Please call if you have any questions.

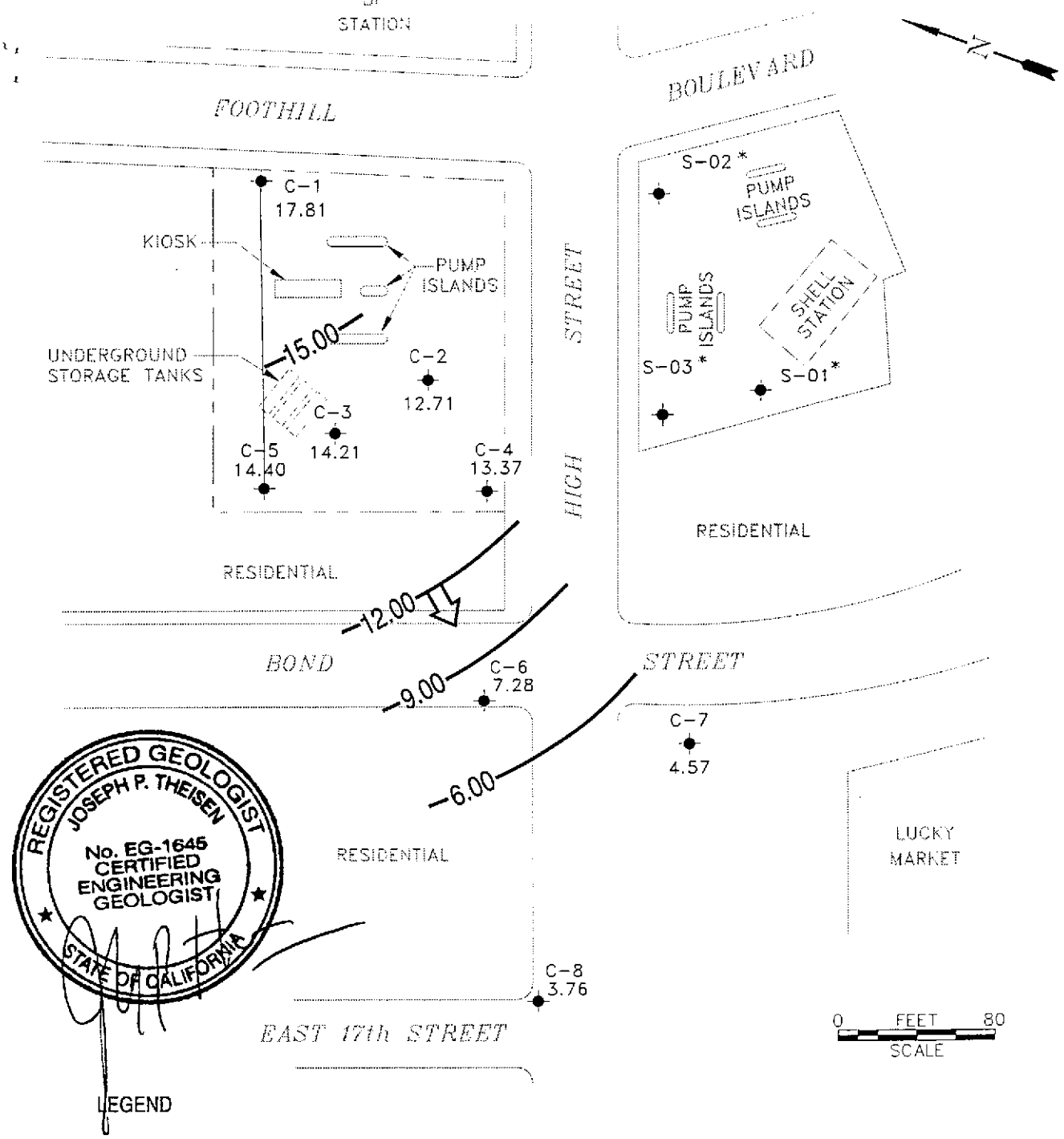
Yours truly,

James Keller
Vice President

JPK/dk

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

Professional Engineering Appendix



NOTE:
1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS ABOVE MEAN SEA LEVEL.

Base map from Groundwater Technology, Inc.

CAMBRIA
Environmental Technology, Inc.

Chevron Station 9-0076
4265 Foothill Boulevard
Oakland, California

\CHEVRON\9-0076\0076-QM.DWG

Ground Water Elevation
December 6, 1995

FIGURE
1

Table of
Well Data and
Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-1										
04/28/89	35.42	15.37	20.05	--	940	30	1.3	11	13	--
08/08/89	35.42	11.35	24.07	--	820	45	2.0	13	13	--
12/21/89	35.42	12.61	22.81	--	--	--	--	--	--	--
08/27/90	35.42	13.30	22.12	--	440	15	1.0	6.0	13	--
11/04/90	35.42	9.86	25.56	--	--	--	--	--	--	--
06/18/91	35.42	13.78	21.64	--	74	5.6	0.6	1.9	1.3	--
09/19/91	35.42	10.84	24.58	--	150	7.1	<0.5	2.3	3.0	--
12/20/91	35.42	9.25	26.17	--	250	10	<0.5	3.7	1.6	--
03/18/92	35.42	17.17	18.25	--	190	16	<0.5	8.5	2.9	--
07/14/92	35.42	7.81	27.61	--	20,000	480	2200	510	2900	--
10/08/92	35.42	10.98	24.44	--	360	34	4.6	19	12	--
01/08/93	35.42	15.74	19.68	--	120	9.1	0.5	5.1	1.8	--
04/14/93	35.42	19.04	16.38	--	190	74	0.6	1.0	2.0	--
07/16/93	35.42	--	--	--	--	--	--	--	--	--
07/27/93	35.42	26.03	9.39	--	300	12	<0.5	5.0	2.0	--
09/21/93	38.41	16.99	21.42	--	360	12	1.2	5.8	3.7	--
01/28/94	38.41	18.84	19.57	--	370	24	1.0	13	4.0	--
03/17/94	38.41	21.56	16.85	--	460	42	<0.5	6.7	3.7	--
06/16/94	38.41	20.58	17.83	--	320	20	0.7	8.7	3.0	--
09/22/94	38.41	18.15	20.26	--	380	24	0.6	8.8	1.9	--
12/15/94	38.41	22.59	15.82	--	280	23	7.6	7.8	13	--
03/30/95	38.41	26.39	12.02	--	2200	890	8.9	15	<5.0	--
06/20/95	38.41	24.01	14.40	--	690	140	<2.0	9.4	2.8	--
09/20/95	38.41	24.59	13.82	--	730	27	78	26	130	--
12/06/95	38.41	17.81	20.60	--	220	16	<0.5	7.2	1.7	11

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-2										
04/28/89	35.18	8.74	26.44	--	120,000	30,000	22,000	3000	17,000	--
08/08/89	35.18	5.29	29.90	Free Product (0.01')	--	--	--	--	--	--
12/21/89	35.18	5.86	29.32	--	--	--	--	--	--	--
08/27/90	35.18	5.77	29.55	Free Product (0.17')	--	--	--	--	--	--
11/04/90	35.18	4.71	30.47	--	--	--	--	--	--	--
06/18/91	35.18	6.90	28.33	Free Product (0.06')	--	--	--	--	--	--
09/19/91	35.18	5.84	29.39	Free Product (0.06')	--	--	--	--	--	--
12/20/91	35.18	5.95	29.23	--	170,000	20,000	10,000	2800	19,000	--
03/18/92	35.18	21.58	13.60	Free Product (0.09')	--	--	--	--	--	--
07/14/92	35.18	--	--	--	--	--	--	--	--	--
10/08/92	35.18	--	--	--	--	--	--	--	--	--
01/08/93	35.18	10.98	24.20	Sheen	79,000	14,000	7200	3500	16,000	--
04/14/93	35.18	--	--	--	--	--	--	--	--	--
07/16/93	35.18	5.03	30.15	--	2200	440	73	24	350	--
09/21/93	37.47	11.18	26.29	--	11,000	2300	300	270	910	--
01/28/94	37.47	13.51	23.96	--	49,000	11,000	3900	1600	12,000	--
03/17/94	37.47	11.48	25.99	--	16,000	3300	1000	220	3500	--
06/16/94	37.47	13.55	23.92	--	20,000	4800	1500	520	4300	--
09/22/94	37.47	11.85	25.62	--	35,000	5600	850	1700	7300	--
12/15/94	37.47	16.31	21.16	--	96,000	9000	3500	3300	13,000	--
03/30/95	37.47	20.29	17.18	--	100,000	9400	3700	3900	14,000	--
06/20/95	37.47	18.52	18.95	--	93,000	6400	1900	2900	11,000	--
09/20/95	37.47	19.27	18.20	--	58,000	6600	330	1600	5500	--
12/06/95	37.47	12.71	24.76	--	40,000	5000	86	1800	3700	<500

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-3										
04/28/89	35.28	7.28	28.00	--	<500	1.7	<0.5	<0.5	<0.5	--
08/08/89	35.28	5.28	30.00	--	<500	1.0	<0.5	<0.5	<0.5	--
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--
08/27/90	35.28	5.60	29.68	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/04/90	35.30	4.94	30.36	--	--	--	--	--	--	--
06/18/91	35.30	6.84	28.46	--	52	1.1	<0.5	<0.5	1.2	--
09/19/91	35.30	5.97	29.33	--	73	1.2	<0.5	<0.5	<0.5	--
12/20/91	35.30	5.53	29.77	--	<50	0.7	<0.5	<0.5	<0.5	--
03/18/92	35.30	9.55	25.75	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.30	7.43	27.87	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.30	6.75	28.55	--	<50	<0.5	<0.5	<0.5	0.5	--
01/08/93	35.30	9.45	25.85	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.30	11.34	23.96	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.30	9.66	25.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.37	12.15	26.22	--	<50	0.7	<0.5	<0.5	<0.8	--
01/28/94	38.37	12.71	25.66	--	<50	2.0	<0.5	<0.5	1.0	--
03/17/94	38.37	13.42	24.95	--	<50	2.8	<0.5	0.6	1.5	--
06/16/94	38.37	14.06	24.31	--	<50	1.4	<0.5	<0.5	<0.5	--
09/22/94	38.37	13.33	25.04	--	<50	0.6	<0.5	<0.5	<0.5	--
12/15/94	38.37	16.15	22.22	--	<50	2.6	1.7	0.82	4.5	--
03/30/95	38.37	19.95	18.42	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.37	18.58	19.79	--	110	2.2	<0.5	<0.5	1.2	--
09/20/95	38.37	19.42	18.95	--	560	21	80	23	120	--
12/06/95	38.37	14.21	24.16	--	<50	0.73	<0.5	<0.5	0.67	<2.5

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-4										
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	20,000	6300	550	230	1500	--
08/08/89	33.45	3.90	29.55	--	8000	7500	340	88	1000	--
12/21/89	33.45	3.43	30.02	--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	26,000	10,000	280	410	1400	--
11/04/90	33.48	3.67	29.81	--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	34,000	14,000	410	450	1300	--
09/19/91	33.48	4.83	28.65	--	16,000	7400	90	110	460	--
12/20/91	33.48	4.64	28.84	--	24,000	12,000	120	260	740	--
03/18/92	33.48	11.05	24.43	--	48,000	6000	1300	1300	2400	--
07/14/92	33.48	6.59	26.89	--	40,000	14,000	920	550	2400	--
10/08/92	33.48	5.69	27.79	--	29,000	13,000	190	110	1400	--
01/08/93	33.48	9.98	23.50	--	25,000	7000	630	860	1800	--
04/14/93	33.48	12.35	21.13	--	27,000	6300	1000	900	1400	--
07/16/93	33.48	9.52	23.96	--	28,000	7800	1100	830	2100	--
09/21/93	36.49	10.98	25.51	--	30,000	9600	130	390	1300	--
01/28/94	36.49	13.18	23.31	--	18,000	7800	440	260	1200	--
03/17/94	36.49	15.14	21.35	--	32,000	7800	820	820	1800	--
06/16/94	36.49	13.99	22.50	--	25,000	7600	710	600	1800	--
09/22/94	36.49	12.56	23.93	--	25,000	7800	140	600	1100	--
12/15/94	36.49	17.47	19.02	--	38,000	7600	460	1200	2000	--
03/30/95	36.49	21.63	14.86	--	41,000	8700	1600	1800	3000	--
06/20/95	36.49	19.59	16.90	--	29,000	6000	890	960	1800	--
09/20/95	36.49	20.29	16.20	--	12,000	6900	510	290	1300	--
12/06/95	36.49	13.37	23.12	--	13,000	3900	42	30	250	<250

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-5										
08/27/90	35.50	5.67	29.83	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--
06/18/91	35.50	6.98	28.52	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	35.50	5.99	29.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	35.50	5.54	29.96	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	35.50	9.58	25.92	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.50	7.50	28.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.50	6.85	28.65	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/93	35.50	9.48	26.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.50	11.46	24.04	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.50	10.29	25.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.50	12.14	26.36	--	60	10	8.1	1.9	9.4	--
01/28/94	38.50	12.60	25.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	38.50	14.00	24.50	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	38.50	14.10	24.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	38.50	13.34	25.16	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	38.50	15.61	22.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	38.50	19.96	18.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.50	18.37	20.13	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	38.50	14.16	24.34	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	38.50	14.40	24.10	--	<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
C-6										
08/27/90	32.40	-11.71	44.11	--	7200	2100	6.0	41	300	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	4400	2500	18	160	77	--
09/19/91	32.40	-1.92	34.32	--	3100	1600	8.3	73	8.0	--
12/20/91	32.40	-8.95	41.35	--	4400	1300	3.2	74	10	--
03/18/92	32.40	-8.29	40.69	--	9800	3200	34	250	500	--
07/14/92	32.40	-6.49	38.89	--	6500	2200	100	96	240	--
10/08/92	32.40	-6.27	38.67	--	1800	1000	3.1	15	41	--
01/08/93	32.40	-5.41	37.81	--	5200	1600	6.8	63	120	--
04/14/93	32.40	-2.30	34.70	--	11,000	1800	13	110	200	--
07/16/93	32.40	-1.47	33.87	--	4800	820	10	41	57	--
09/21/93	35.40	1.42	33.98	--	4100	1200	<50	75	130	--
01/28/94	35.40	1.54	33.86	--	3100	930	14	40	34	--
03/17/94	35.40	3.09	32.31	--	5100	950	18	61	83	--
06/16/94	35.40	3.90	31.50	--	3800	970	6.4	52	62	--
09/22/94	35.40	4.18	31.22	--	4100	980	7.8	43	48	--
12/15/94	35.40	4.00	31.40	--	5000	1400	<20	73	61	--
03/30/95	35.40	9.02	26.38	--	5500	1700	<13	120	97	--
06/20/95	35.40	10.39	25.01	--	1700	470	<10	29	16	--
09/20/95	35.40	11.35	24.05	--	3500	770	<5.0	45	17	--
12/06/95	35.40	7.28	28.12	--	3100	710	<10	41	20	<50

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-7										
08/27/90	32.17	-12.06	44.23	--	110	26	0.8	4.0	6.0	--
11/14/90	32.17	-11.94	44.11	--	--	--	--	--	--	--
06/18/91	32.17	-9.88	42.05	--	23,000	5700	420	1000	2800	--
09/19/91	32.17	-9.55	41.72	--	26,000	4600	330	970	2400	--
12/20/91	32.17	-9.50	41.67	--	33,000	5500	270	1000	2100	--
03/18/92	32.17	-9.03	41.20	--	27,000	5800	410	1300	3300	--
07/14/92	32.17	-7.60	39.77	--	46,000	12,000	720	1700	4600	--
10/08/92	32.17	-6.97	39.14	--	22,000	6800	370	1300	3200	--
01/08/93	32.17	-6.33	38.50	--	36,000	7600	540	1700	4200	--
04/14/93	32.17	-3.76	35.93	--	23,000	3100	450	670	1900	--
07/16/93	32.17	-3.21	35.38	--	19,000	3200	330	550	1800	--
09/21/93	35.19	-0.27	35.46	--	17,000	2700	160	410	760	--
01/28/94	35.19	-0.26	35.45	--	14,000	1800	210	390	1000	--
03/17/94	35.19	1.95	33.24	--	17,000	1600	210	410	1200	--
06/16/94	35.19	2.12	33.07	--	12,000	1600	180	410	1200	--
09/22/94	35.19	2.45	32.74	--	10,000	1700	110	320	580	--
12/15/94	35.19	3.27	31.92	--	10,000	1200	120	280	710	--
03/30/95	35.19	7.59	27.60	--	4600	460	73	160	460	--
06/20/95	35.19	7.32	27.87	--	26,000	4400	450	900	2400	--
09/20/95	35.19	7.11	28.08	--	9400	610	81	250	800	--
12/06/95	35.19	4.57	30.62	--	1200	110	12	25	71	34

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-8										
11/14/90	30.68	-12.61	43.29	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	30.68	-11.94	42.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	30.68	-11.04	41.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	30.68	-10.30	40.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	30.68	-9.34	40.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	30.68	-8.34	39.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	30.68	-8.00	38.68	--	<50	<0.5	<0.5	<0.5	1.1	--
01/08/93	30.68	-7.39	38.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	30.68	-5.31	35.99	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	30.68	-4.64	35.32	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	34.68	-0.62	35.30	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	34.68	-0.93	35.61	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	34.68	0.31	34.37	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	34.68	1.32	33.36	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	34.68	1.86	32.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	34.68	2.32	32.36	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	34.68	5.44	29.24	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	34.68	6.34	28.34	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	34.68	5.20	29.48	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	34.68	3.76	30.92	--	<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										
04/28/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/27/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	--	--	--	--	<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
MTBE = Methyl t-Butyl Ether

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: Chevron 9-0076/951206-D2	Sampled: 12/06/95
985 Timothy Drive	Sample Descript: C-1	Received: 12/07/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/11/95
Attention: Jim Keller	Lab Number: 9512467-01	Reported: 12/14/95

QC Batch Number: GC121195BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**220**
Methyl t-Butyl Ether	**2.5**	**11**
Benzene	**0.50**	**16**
Toluene	0.50	N.D.
Ethyl Benzene	**0.50**	**7.2**
Xylenes (Total)	**0.50**	**1.7**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

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 Technical Services	Client Proj. ID: Chevron 9-0076/951206-D2	Sampled: 12/06/95
985 Timothy Drive	Sample Descript: C-2	Received: 12/07/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/12/95
Attention: Jim Keller	Lab Number: 9512467-02	Reported: 12/14/95

QC Batch Number: GC121295BTEX22A
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**10000**	**40000**
Methyl t-Butyl Ether	500	N.D.
Benzene	**100**	**5000**
Toluene	**100**	**86**
Ethyl Benzene	**100**	**1800**
Xylenes (Total)	**100**	**3700**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	115

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	Client Proj. ID: Chevron 9-0076/951206-D2	Sampled: 12/06/95
985 Timothy Drive	Sample Descript: C-3	Received: 12/07/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/11/95
Attention: Jim Keller	Lab Number: 9512467-03	Reported: 12/14/95

QC Batch Number: GC121195BTEX07A
Instrument ID: GCHP07

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**	**0.73**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	**0.50**	**0.67**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	81

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 Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0076/951206-D2
Sample Descript: C-4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9512467-04

Sampled: 12/06/95
Received: 12/07/95

Analyzed: 12/12/95
Reported: 12/14/95

QC Batch Number: GC121295BTEX22A
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**5000**	**13000**
Methyl t-Butyl Ether	250	N.D.
Benzene	**50**	**3900**
Toluene	**50**	**42**
Ethyl Benzene	**50**	**30**
Xylenes (Total)	**50**	**250**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	123

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, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: Chevron 9-0076/951206-D2	Sampled: 12/06/95
985 Timothy Drive	Sample Descript: C-5	Received: 12/07/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/12/95
Attention: Jim Keller	Lab Number: 9512467-05	Reported: 12/14/95

QC Batch Number: GC121295BTEX22A
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	120

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 Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0076/951206-D2
Sample Descript: C-6
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9512467-06

Sampled: 12/06/95
Received: 12/07/95

Analyzed: 12/12/95
Reported: 12/14/95

QC Batch Number: GC121295BTEX22A
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**1000**	**3100**
Methyl t-Butyl Ether	50	N.D.
Benzene	**10**	**710**
Toluene	10	N.D.
Ethyl Benzene	**10**	**41**
Xylenes (Total)	**10**	**20**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	115

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	Client Proj. ID: Chevron 9-0076/951206-D2	Sampled: 12/06/95
985 Timothy Drive	Sample Descript: C-7	Received: 12/07/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/12/95
Attention: Jim Keller	Lab Number: 9512467-07	Reported: 12/14/95

QC Batch Number: GC121295BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	1200
Methyl t-Butyl Ether	25	34
Benzene	5.0	110
Toluene	5.0	12
Ethyl Benzene	5.0	25
Xylenes (Total)	5.0	71
Chromatogram Pattern:		Gas

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	79

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	Client Proj. ID: Chevron 9-0076/951206-D2	Sampled: 12/06/95
985 Timothy Drive	Sample Descript: C-8	Received: 12/07/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/12/95
Attention: Jim Keller	Lab Number: 9512467-08	Reported: 12/14/95

QC Batch Number: GC121295BTEX22A
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	128

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 9-0076/951206-D2
Sample Descript: TB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9512467-09

Sampled: 12/06/95
Received: 12/07/95

Analyzed: 12/12/95
Reported: 12/14/95

QC Batch Number: GC121295BTEX22A
Instrument ID: GCHP22

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	130

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 9-0076/951206-D2

Lab Proj. ID: 9512467

Received: 12/07/95

Reported: 12/14/95

LABORATORY NARRATIVE

TPPH Note: Sample 9512467-02 was diluted 200-fold.
Sample 9512467-04 was diluted 100-fold.
Sample 9512467-06 was diluted 20-fold.
Sample 9512467-07 was diluted 10-fold.

SEQUOIA ANALYTICAL

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.	Client Project ID:	Chevron 9-0076/951206-D2
985 Timothy Drive	Matrix:	Liquid
San Jose, CA 95133		
Attention: Jim Keller	Work Order #:	9512467 -01, 03

Reported: Dec 15, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121195BTEX07A	GC121195BTEX07A	GC121195BTEX07A	GC121195BTEX07A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	T. Tran	T. Tran	T. Tran	T. Tran
MS/MSD #:	951245608	951245608	951245608	951245608
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/11/95	12/11/95	12/11/95	12/11/95
Analyzed Date:	12/11/95	12/11/95	12/11/95	12/11/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.3	8.2	8.1	26
MS % Recovery:	83	82	81	87
Dup. Result:	3.3	8.3	8.5	25
MSD % Recov.:	33	83	85	83
RPD:	86	1.2	4.8	3.9
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK121195	BLK121195	BLK121195	BLK121195
Prepared Date:	12/11/95	12/11/95	12/11/95	12/11/95
Analyzed Date:	12/11/95	12/11/95	12/11/95	12/11/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.7	9.0	8.8	27
LCS % Recov.:	87	90	88	90
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

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

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Blaine Tech Services, Inc.	Client Project ID:	Chevron 9-0076/951206-D2	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9512467-02, 04-06, 08	Reported: Dec 15, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121295BTEX22A	GC121295BTEX22A	GC121295BTEX22A	GC121295BTEX22A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	T. Tran	T. Tran	T. Tran	T. Tran
MS/MSD #:	951256705	951256705	951256705	951256705
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/12/95	12/12/95	12/12/95	12/12/95
Analyzed Date:	12/12/95	12/12/95	12/12/95	12/12/95
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.7	9.6	10	28
MS % Recovery:	97	96	100	93
Dup. Result:	9.6	9.8	9.9	28
MSD % Recov.:	96	98	99	93
RPD:	1.0	2.1	1.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK121295	BLK121295	BLK121295	BLK121295
Prepared Date:	12/12/95	12/12/95	12/12/95	12/12/95
Analyzed Date:	12/12/95	12/12/95	12/12/95	12/12/95
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.9	8.9	9.6	27
LCS % Recov.:	89	89	96	90

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

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, (415) 364-9600, FAX (415) 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.	Client Project ID:	Chevron 9-0076/951206-D2	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9512467-07	Reported: Dec 15, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121295BTEX07A	GC121295BTEX07A	GC121295BTEX07A	GC121295BTEX07A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	T. Tran	T. Tran	T. Tran	T. Tran
MS/MSD #:	951256703	951256703	951256703	951256703
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/12/95	12/12/95	12/12/95	12/12/95
Analyzed Date:	12/12/95	12/12/95	12/12/95	12/12/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	8.9	8.8	8.7	8.8
MSD % Recov.:	89	88	87	29
RPD:	12	13	14	112
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK121195	BLK121195	BLK121195	BLK121195
Prepared Date:	12/12/95	12/12/95	12/12/95	12/12/95
Analyzed Date:	12/12/95	12/12/95	12/12/95	12/12/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	9.9	9.7	28
LCS % Recov.:	100	99	97	93
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

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

Chain of Custody Record

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

Chevron Facility Number: 9-0076
Facility Address: 4265 Foothill Blvd., Oakland, CA
Consultant Project Number: 957206-D2
Consultant Name: Blaine Tech Services, Inc.
Address: 985 Timothy Dr., San Jose, CA 95133
Project Contact (Name): Jim Keller
(Phone) 408 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name): Mark Miller
(Phone): (510) 842-8134
Laboratory Name: Sequoia
Laboratory Release Number: 2172480
Samples Collected by (Name): CHUCK DILLINGHAM
Collection Date: 12-6-95
Signature:

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)	Analyses To Be Performed: BTEX + TPH GAS (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)	MTBE					DO NOT BILL FOR TB-LB 951246? Remarks
C-1	01 A-C	3	W	D	11:55	HCL	Y	X								X					
C-2	02	3			13:25			X								X					
C-3	03	3			11:38			X								X					
C-4	04	3			1310			X								X					
C-5	05	3			1125			X								X					
C-6	06	3			1225			X								X					
C-7	07	3			1250			X								X					sec 7 1
C-8	8 ↓	3			1050			X								X					
TB	09 AB	2	V	V		V	V	X													

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	12/7 1055		EQ	12/7 1055
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SJ	12/7 105			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			Tony Mancilla		12-7-95 13:02

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

Field
Data
Sheets

WELL GAUGING DATA

Project # 951206-D2 Date 12-6-95 Client CHEVRON

Site 4265 FOOTHILL BLVD, 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
C-1	3	ODOR				20.60	39.62	TOC
C-2	3	ODOR				24.76	36.05	
C-3	3					24.16	38.74	
C-4	3	ODOR				23.12	39.52	
C-5	2					24.10	44.32	
C-6	2	ODOR				28.12	54.70	
C-7	2					30.62	54.35	
C-8	2					30.92	56.50	

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-D2 Station #: 9-0096

Sampler: MD Start Date: 12-6

Well I.D.: C-1 Well Diameter: (circle one) 2 (3) 4 6 ____

Total Well Depth: Depth to Water:

Before 39.62 After Before 20.60 After

Depth to Free Product: Thickness of Free Product (feet):

Measurements referenced to: PVC Grade Other: TOP OF STEEL FLIP CAP

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

7.0 x 3 = 21.0

1 Case Volume Specified Volumes gallons

Purging: Bailer
Disposable Bailer
Middleburg
Electric Submersible X
Extraction Pump
Other_____

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1146	68.4	7.2	840	—	7	ODOR
1147	68.6	6.9	800	—	14	
1149	68.6	6.9	780	—	21	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 21.0

Sampling Time: 1155 Sampling Date: 12-6

Sample I.D.: C-1 Laboratory: SEQ

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-D2	Station #: 9-0076
Sampler: MD	Start Date: 12-6-95
Well I.D.: C-2	Well Diameter: (circle one) 2 (3) 4 6 ___
Total Well Depth: Before 36.05 After	Depth to Water: Before 24.76 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) 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

4.2 (1 Case Volume) x 3 (Specified Volumes) = 12.5 gallons

Purging: Bailer
Disposable Bailer
Middleburg
Electric Submersible X
Extraction Pump
Other ____

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
13:18	69.4	7.2	900	—	4	ODOR
13:19	70.0	7.0	860	—	8	
13:20	69.6	7.0	850	—	12.5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 12.5

Sampling Time: 1325 Sampling Date: 12-6

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-D2 Station #: 9-0076

Sampler: CD Start Date: 12-6-95

Well I.D.: C-3 Well Diameter: (circle one) 2 (3) 4 6 ____

Total Well Depth: Before 39.74 After Depth to Water: Before 24.16 After

Depth to Free Product: Thickness of Free Product (feet):

Measurements referenced to: (PVC) Grade Other: TOP OF STEEL FLIP TOP

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

5.8 (1 Case Volume) x 3 (Specified Volumes) = 17.3 gallons

Purging: Bailer / Disposable Bailer / Middleburg / Electric Submersible X / Extraction Pump / Other ____

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1133	67.8	7.2	980	—	6	
1134	69.0	7.0	740	—	12	
1135	68.6	6.9	800	—	17.5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 17.5

Sampling Time: 1138 Sampling Date: 12-6

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-DZ Station #: 9-0076

Sampler: DD Start Date: 12-6-95

Well I.D.: C-4 Well Diameter: (circle one) 2 (3) 4 6 ___

Total Well Depth: Before 39.52 After Depth to Water: Before 23.12 After

Depth to Free Product: Thickness of Free Product (feet):

Measurements referenced to: (PVC) 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

6.0 (1 Case Volume) x 3 (Specified Volumes) = 18.0 gallons

Purging: Bailer; Disposable Bailer; Middleburg; Electric Submersible ✓; Extraction Pump; Other ____

Sampling: Bailer; Disposable Bailer ✓; Extraction Port; Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1302	69.2	7.1	840	—	6	ODOR
1303	69.2	6-6	800	—	12	
1304	69.4	6-6	780	—	18	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 18.0

Sampling Time: 1310 Sampling Date: 12-6

Sample I.D.: C-4 Laboratory: SEQ

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-D2	Station #: 9-0076
Sampler: MD	Start Date: 12-6
Well I.D.: C-5	Well Diameter: (circle one) 2 3 4 6 ___
Total Well Depth: Before 44.32 After	Depth to Water: Before 24.10 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: PVC 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

3.2 (1 Case Volume) x 3 (Specified Volumes) = 9.7 gallons

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

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1110	66-2	7.6	720	—	3	
1115	65-8	7.2	680	—	6	
1120	66-8	7.2	640	—	10	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 10

Sampling Time: 1125 Sampling Date: 12-6

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-D2 Station #: 9-0076

Sampler: CD Start Date: 12-6

Well I.D.: C-6 Well Diameter: (circle one) (2) 3 4 6 ___

Total Well Depth: Depth to Water:

Before 54.90 After Before 28.12 After

Depth to Free Product: Thickness of Free Product (feet):

Measurements referenced to: (PVC) 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

4.3 x 3 = 12.7

1 Case Volume | Specified Volumes | gallons

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

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1215	66.4	7.6	900	—	4	ODOR
1219	67.2	7.2	850	—	8	
1224	67.0	7.2	870	—	13	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 13.0

Sampling Time: 1225 Sampling Date: 12-6-95

Sample I.D.: C-6 Laboratory: S&E

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951206-D2	Station #: 9-0076
Sampler: MD	Start Date: 12-6-95
Well I.D.: C-7	Well Diameter: (circle one) 2 3 4 6 ___
Total Well Depth: Before 54.35 After	Depth to Water: Before 30.62 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: PVC	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

3.8 (1 Case Volume) x 3 (Specified Volumes) = 11.4 gallons

Purging: Bailer
Disposable Bailer
Middleburg
Electric Submersible X
Extraction Pump
Other ____

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1240	67.2	7.4	940	—	4	
1244	68.0	7.2	680	—	8	
1248	67.4	7.2	700	—	11.5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 11.5

Sampling Time: 1250 Sampling Date: 12-6

Sample I.D.: C-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 #: 951206-DZ Station #: 9-0076

Sampler: MD Start Date: 12-6-95

Well I.D.: C-8 Well Diameter: (circle one) (2) 3 4 6 ___

Total Well Depth: Before 56.50 After Depth to Water: Before 30.92 After

Depth to Free Product: Thickness of Free Product (feet):

Measurements referenced to: (PVC) 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

4.0 (1 Case Volume) x 3 (Specified Volumes) = 12.3 gallons

Purging: Bailer / Disposable Bailer X / Middleburg / Electric Submersible / Extraction Pump / Other

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
10:38	66.2	7.6	700	—	4	
10:43	67.4	7.4	650	—	8	
10:48	67.2	7.4	650	—	12.5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 12.5

Sampling Time: 1050 Sampling Date: 12-6

Sample I.D.: C-8 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: