



Chevron

September 5, 1995

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

Marketing - Northwest Region
Phone 510 842 9500

Mr. Scott Seery
Alameda Co. Dept. of Environmental Health
1131 Harbor Bay Pkwy, 2nd Floor
Alameda, CA 94502-6577

Re : Former Chevron Service Station 9-2960
2416 Grove Way, Castro Valley, California

Dear Mr. Seery :

The enclosed report from Blaine Tech Services dated August 30, 1995 documents the monitoring and sampling event that occurred on July 20, 1995. The results from this sampling event show an overall decline in the levels of petroleum hydrocarbons. If this trend continues and the remediation system has reached asymptotic levels, Chevron will ask Alameda Co. for permission to cease the operation and maintenance of the remediation system.

Please refer to the enclosed report for additional information. If you have any questions or comments, please feel free to give me a call at (510) 842-8752.

Sincerely,
Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/92960R01

cc : Mr. Kevin Graves
RWQCB-San Francisco Bay Region
2101 Webster St., Suite 500
Oakland, CA 94612

Mr. Bob Yule
First Presbyterian Church
2490 Grove Way
Castro Valley, CA 94546

Ms. Bette Owen
Chevron USA Products Co.

01 SEP 09 1995
RECEIVED
MILWAUKEE

August 30, 1995

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

3rd Quarter 1995 Monitoring at 9-2960

Third Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-2960
2416 Grove Way
Castro Valley, CA

Monitoring Performed on July 20, 1995

Groundwater Sampling Report 950720-C-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 Chevron's Richmond Refinery for disposal.

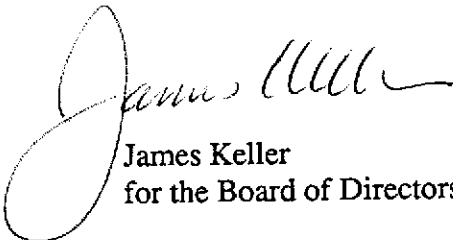
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater 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,

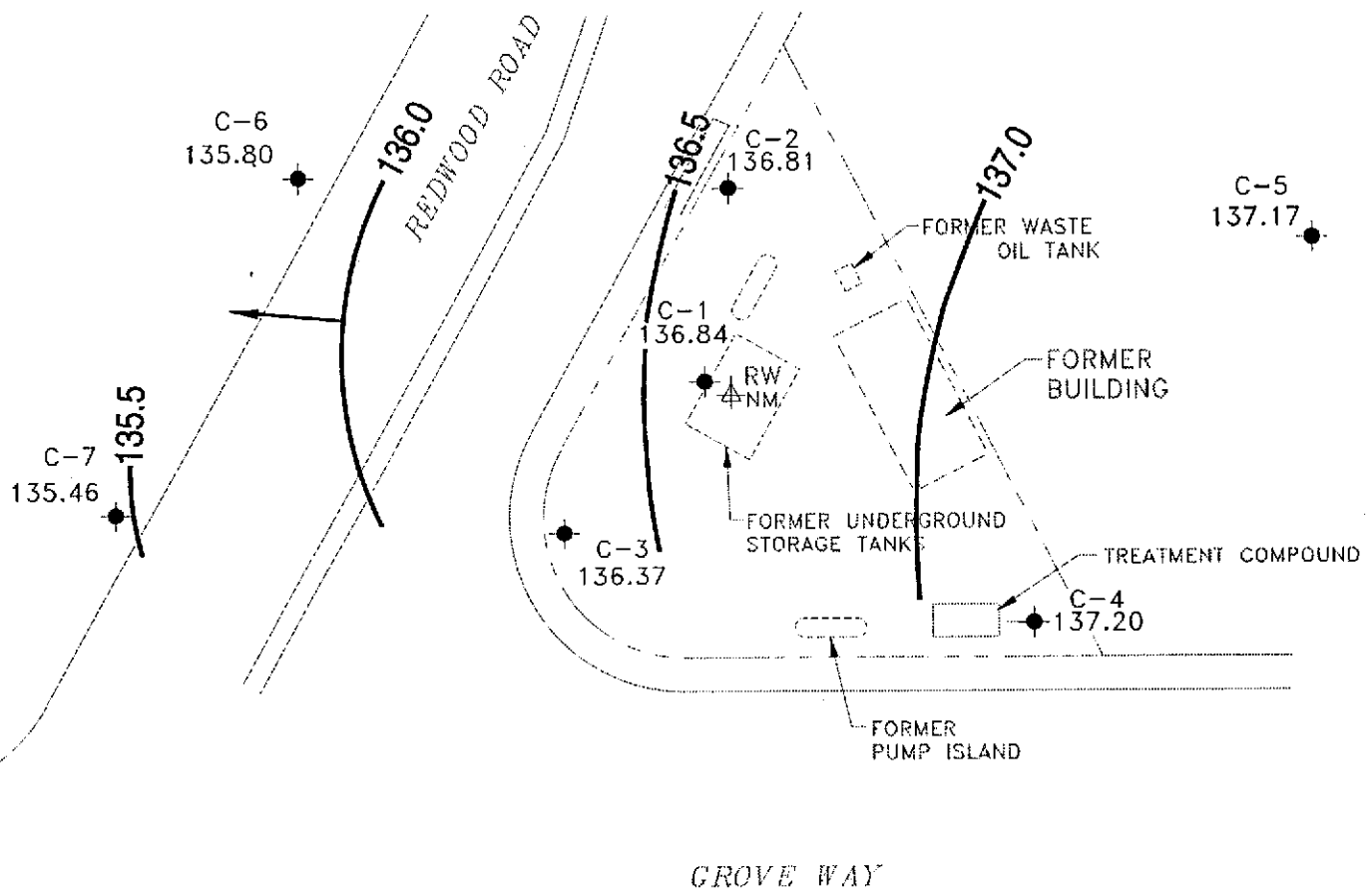
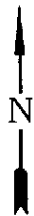


James Keller
for the Board of Directors

JPK/dk

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

Professional Engineering Appendix



LEGEND

- PROPERTY LINE
- MONITORING WELL
- RECOVERY WELL
- NOT MEASURED PER CLIENTS REQUEST
- POTENTIOMETRIC SURFACE ELEVATION (FT)
- POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER FLOW DIRECTION



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

Base map from Groundwater Technology, Inc.



CAMBRIA
 Environmental Technology, Inc.

Former Chevron Station 9-2960
 2416 Grove Way
 Castro Valley, California

VCHEVRON9-2960\2960-QM.DWG

Ground Water Elevation
 July 20, 1995

FIGURE
1

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
C-1												
10/23/86	153.36	--	--	--	--	--	--	3100	6400	3700	--	4300
09/10/87	153.36	--	--	--	--	--	--	120,000	25,000	60,000	13,000	56,000
10/03/90	153.36	134.69	18.67	--	--	--	--	--	--	--	--	--
10/25/90	153.36	135.22	18.71	0.71	--	--	--	--	--	--	--	--
01/22/91	153.36	135.22	18.70	0.70	--	--	--	--	--	--	--	--
02/21/91	153.36	135.44	18.62	0.88	--	--	--	--	--	--	--	--
04/01/91	153.36	136.47	16.91	0.03	--	--	--	--	--	--	--	--
04/11/91	153.36	136.49	16.90	0.04	--	--	--	--	--	--	--	--
07/01/91	153.36	135.75	17.61	0.00	--	--	--	--	--	--	--	--
09/24/91	153.36	135.17	18.98	0.99	--	--	--	--	--	--	--	--
10/23/91	153.36	135.03	19.32	1.24	--	--	--	--	--	--	--	--
11/22/91	153.36	134.53	18.83	0.97	--	--	--	--	--	--	--	--
01/09/92	153.36	136.10	17.26	--	--	--	--	--	--	--	--	--
03/06/92	153.36	137.16	16.69	0.61	--	--	--	--	--	--	--	--
06/04/92	153.36	136.44	17.10	0.22	--	--	--	--	--	--	--	--
09/28/92	153.36	--	18.71	0.77	--	--	--	--	--	--	--	--
12/17/92	153.36	--	17.54	0.45	--	--	--	--	--	--	--	--
04/29/93	153.36	137.50	16.40	0.68	--	--	--	--	--	--	--	--
07/26/93	153.36	136.92	16.85	0.51	--	--	--	--	--	--	--	--
10/22/93	153.36	135.55	17.83	0.03	--	--	--	--	--	--	--	--
01/24/94	153.36	--	--	--	--	--	--	--	--	--	--	--
04/11/94	153.36	136.01	17.76	0.51	--	--	--	--	--	--	--	--
07/01/94	153.36	135.95	17.46	0.06	--	--	--	--	--	--	--	--
10/06/94	153.36	135.24	18.18	0.08	--	--	--	--	--	--	--	--
01/11/95	153.36	136.63	16.79	0.08	0.04	0.04	--	--	--	--	--	--
04/07/95	153.36	139.23	14.13	0.00	0.00	0.04	--	44,000	410	100	130	5400
07/20/95	153.36	136.84	16.52	0.00	0.00	0.04	--	16,000	96	81	53	1000

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
C-2												
10/23/86	151.84	--	--	--	--	--	--	30,000	2700	1900	--	1500
09/10/87	151.84	--	--	--	--	--	--	14,000	2600	2900	500	1200
10/16/89	151.84	--	--	--	--	--	--	600	260	34	1.7	41
01/04/90	151.84	--	--	--	--	--	--	2600	470	150	23	130
04/05/90	151.84	--	--	--	--	--	--	500	280	29	6.3	19
07/02/90	151.84	--	--	--	--	--	--	2400	670	110	17	76
10/03/90	151.84	--	--	--	--	--	--	--	--	--	--	--
10/25/90	151.84	135.24	16.60	--	--	--	--	1300	390	47	9.0	58
01/22/91	151.84	135.15	16.69	--	--	--	--	2600	680	88	29	130
02/21/91	151.84	135.53	16.31	--	--	--	--	--	--	--	--	--
04/01/91	151.84	136.76	15.08	--	--	--	--	--	--	--	--	--
04/11/91	151.84	136.61	15.23	--	--	--	--	--	--	--	--	--
07/01/91	151.84	135.88	15.96	--	--	--	--	--	--	--	--	--
09/24/91	151.84	135.33	16.51	--	--	--	--	3600	1400	63	6.9	63
10/23/91	151.84	135.18	16.66	--	--	--	--	--	--	--	--	--
11/22/91	151.84	135.47	16.37	--	--	--	--	--	--	--	--	--
01/09/92	151.84	136.28	15.56	--	--	--	--	7100	770	740	190	690
03/06/92	151.84	137.47	14.37	--	--	--	--	3200	250	230	59	220
06/04/92	151.84	136.80	15.04	--	--	--	--	1500	<0.5	180	42	130
09/28/92	151.84	135.44	16.40	--	--	--	--	6400	940	230	57	220
12/17/92	151.84	136.46	15.38	--	--	--	--	1500	370	160	6.0	25
04/29/93	151.84	136.87	14.97	0.00	--	--	--	1800	690	120	74	140
07/29/93	151.84	136.92	14.92	0.00	--	--	--	4300	1500	96	29	96
10/22/93	151.84	136.03	15.81	0.00	--	--	--	820	560	57	15	58
01/24/94	151.84	--	--	--	--	--	--	--	--	--	--	--
04/11/94	151.84	136.49	15.35	0.00	--	--	--	2000	240	48	36	110
07/01/94	151.84	136.44	15.40	0.00	--	--	--	370	55	12	3.1	8.6
10/06/94	151.84	135.84	16.00	0.00	--	--	--	150	47	4.8	1.8	5.4
01/11/95	151.84	137.06	14.78	0.00	--	--	--	52	0.65	<0.5	<0.5	<0.5
04/07/95	151.84	138.93	12.91	0.00	--	--	--	1500	260	64	52	85
07/20/95	151.84	136.81	15.03	0.00	--	--	--	3000	500	100	96	110

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
C-3												
10/23/86	154.13	--	--	--	--	--	--	3300	49	24	--	20
09/10/87	154.13	--	--	--	--	--	--	200	110	2.6	<2.0	<2.0
10/16/89	154.13	--	--	--	--	--	--	900	640	4.2	1.6	16
01/04/90	154.13	--	--	--	--	--	--	920	430	7.0	6.0	7.0
04/05/90	154.13	--	--	--	--	--	--	930	690	3.4	5.1	4.8
07/02/90	154.13	--	--	--	--	--	--	1700	590	11	4.8	9.4
10/03/90	154.13	134.97	19.16	--	--	--	--	--	--	--	--	--
10/25/90	154.13	134.85	19.28	--	--	--	--	750	510	2.0	6.0	5.0
01/22/91	154.13	134.95	19.18	--	--	--	--	430	260	2.0	2.0	5.0
01/22/91	154.13	134.95	19.18	--	--	--	--	400	250	2.0	2.0	5.0
02/21/91	154.13	135.25	18.88	--	--	--	--	--	--	--	--	--
04/01/91	154.13	136.54	17.59	--	--	--	--	--	--	--	--	--
04/11/91	154.13	136.32	17.81	--	--	--	--	--	--	--	--	--
07/01/91	154.13	135.57	18.56	--	--	--	--	--	--	--	--	--
09/24/91	154.13	135.01	19.12	--	--	--	--	260	52	0.7	0.8	2.2
10/23/91	154.13	134.89	19.24	--	--	--	--	--	--	--	--	--
11/22/91	154.13	135.10	19.03	--	--	--	--	--	--	--	--	--
01/09/92	154.13	135.90	18.23	--	--	--	--	240	120	0.9	<0.5	1.6
03/06/92	154.13	137.09	17.04	--	--	--	--	230	68	1.2	1.2	1.3
06/04/92	154.13	136.34	17.79	--	--	--	--	80	36	0.6	0.5	0.7
09/28/92	154.13	135.13	19.00	--	--	--	--	84	49	<0.5	<0.5	1.5
12/17/92	154.13	135.95	18.18	--	--	--	--	220	30	<0.5	<0.5	<0.5
04/29/93	154.13	135.35	18.78	0.00	--	--	--	380	12	0.6	<0.5	<1.5
07/26/93	154.13	136.41	17.72	0.00	--	--	--	800	38	1.1	<0.5	<1.5
10/22/93	154.13	135.63	18.50	0.00	--	--	--	200	64	0.6	<0.5	<1.5
01/24/94	154.13	135.62	18.51	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/11/94	154.13	136.09	18.04	0.00	--	--	--	100	3.6	2.1	<0.5	2.3
07/01/94	154.13	136.01	18.12	0.00	--	--	--	140	3.7	1.2	<0.5	1.0
10/06/94	154.13	135.50	18.63	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/11/95	154.13	137.01	17.12	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/07/95	154.13	138.34	15.79	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/20/95	154.13	136.37	17.76	0.00	--	--	--	<50	1.5	1.9	<0.5	3.5

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
C-4												
10/23/86	156.00	--	--	--	--	--	--	570	3.0	4.0	--	5.0
09/10/87	156.00	--	--	--	--	--	--	500	3.0	<0.5	<0.5	<0.5
10/16/89	156.00	--	--	--	--	--	--	<500	12	1.0	<0.5	0.8
01/04/90	156.00	--	--	--	--	--	--	<500	5.0	<0.5	<0.5	0.9
04/05/90	156.00	--	--	--	--	--	--	<50	6.6	<0.5	<0.5	0.7
07/02/90	156.00	--	--	--	--	--	--	71	4.1	<0.5	<0.5	<0.5
10/03/90	156.00	--	--	--	--	--	--	--	--	--	--	--
10/25/90	156.00	135.57	20.43	--	--	--	--	<50	2.0	<0.5	<0.5	<0.5
01/22/91	156.00	135.50	20.50	--	--	--	--	<50	3.0	<0.5	<0.5	<0.5
02/21/91	156.00	135.77	20.23	--	--	--	--	--	--	--	--	--
04/01/91	156.00	136.97	19.03	--	--	--	--	--	--	--	--	--
04/11/91	156.00	136.95	19.05	--	--	--	--	--	--	--	--	--
07/01/91	156.00	136.10	19.90	--	--	--	--	--	--	--	--	--
09/24/91	156.00	135.59	20.41	--	--	--	--	87	1.6	<0.5	<0.5	<0.5
10/23/91	156.00	135.47	20.53	--	--	--	--	--	--	--	--	--
11/22/91	156.00	135.65	20.35	--	--	--	--	--	--	--	--	--
01/09/92	156.00	136.46	19.54	--	--	--	--	51	4.3	<0.5	<0.5	<0.5
01/09/92	156.00	136.46	19.54	--	--	--	--	<50	4.8	<0.5	<0.5	<0.5
03/06/92	156.00	137.74	18.26	--	--	--	--	<50	0.8	<0.5	<0.5	<0.5
06/04/92	156.00	137.08	18.92	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7
09/28/92	156.00	135.69	20.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
12/17/92	156.00	136.43	19.57	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/29/93	156.00	138.22	17.78	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
07/26/93	156.00	--	--	--	--	--	--	--	--	--	--	--
08/18/93	156.00	137.09	18.91	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
10/22/93	156.00	136.61	19.39	0.00	--	--	--	<50	2.9	2.1	1.1	4.3
01/24/94	156.00	136.58	19.42	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/11/94	156.00	136.86	19.14	0.00	--	--	--	<50	<0.5	0.6	<0.5	0.5
07/01/94	156.00	136.80	19.20	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/06/94	156.00	136.26	19.74	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/11/95	156.00	139.70	16.30	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/07/95	156.00	139.49	16.51	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/20/95	156.00	137.20	18.80	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5

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
C-5												
10/03/90	153.38	135.60	17.78	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/25/90	153.38	135.46	17.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
11/09/90	153.38	135.46	17.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/22/91	153.38	135.58	17.80	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
02/21/91	153.38	135.87	17.51	--	--	--	--	--	--	--	--	--
04/01/91	153.38	137.07	16.31	--	--	--	--	--	--	--	--	--
04/11/91	153.38	137.02	16.36	--	--	--	--	--	--	--	--	--
07/01/91	153.38	136.26	17.12	--	--	--	--	--	--	--	--	--
09/24/91	153.38	135.68	17.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
09/24/91	153.38	135.68	17.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/23/91	153.38	135.56	17.82	--	--	--	--	--	--	--	--	--
11/22/91	153.38	135.77	17.61	--	--	--	--	--	--	--	--	--
01/09/92	153.38	136.34	17.04	--	--	--	--	<50	<0.5	0.7	<0.5	<0.5
03/06/92	153.38	137.62	15.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
06/04/92	153.38	136.98	16.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
09/28/92	153.38	135.80	17.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
12/17/92	153.38	136.56	16.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/29/93	153.38	138.14	15.24	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
07/26/93	153.38	137.08	16.30	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
10/22/93	153.38	136.30	17.08	0.00	--	--	--	52	2.3	2.7	1.1	5.2
01/24/94	153.38	136.25	17.13	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/11/94	153.38	136.75	16.63	0.00	--	--	--	<50	<0.5	0.7	<0.5	0.6
07/01/94	153.38	136.73	16.65	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/06/94	153.38	136.16	17.22	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/11/95	153.38	137.41	15.97	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/07/95	153.38	139.37	14.01	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/20/95	153.38	137.17	16.21	0.00	--	--	--	<50	<0.5	<0.5	<0.5	0.61

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
C-6												
10/03/90	152.84	134.70	18.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/25/90	152.84	134.55	18.29	--	--	--	--	<50	<0.5	1.0	<0.5	<0.5
11/09/90	152.84	134.58	18.26	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/22/91	152.84	134.69	18.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
02/21/91	152.84	134.92	17.92	--	--	--	--	--	--	--	--	--
04/01/91	152.84	135.73	17.11	--	--	--	--	--	--	--	--	--
04/11/91	152.84	135.83	17.01	--	--	--	--	--	--	--	--	--
07/01/91	152.84	135.12	17.72	--	--	--	--	--	--	--	--	--
09/24/91	152.84	135.72	17.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/23/91	152.84	134.59	18.25	--	--	--	--	--	--	--	--	--
11/22/91	152.84	134.79	18.05	--	--	--	--	--	--	--	--	--
01/09/92	152.84	135.42	17.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
03/06/92	152.84	136.33	16.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
06/04/92	152.84	135.83	17.01	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
09/28/92	152.84	134.84	18.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
12/17/92	152.84	135.58	17.26	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
04/29/93	152.84	136.61	16.23	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
07/29/93	152.84	135.88	16.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
10/22/93	152.84	135.38	17.46	0.00	--	--	--	74	7.4	6.1	3.3	9.7
01/24/94	152.84	135.38	17.46	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/11/94	152.84	135.64	17.20	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/01/94	152.84	135.66	17.18	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/06/94	152.84	135.19	17.65	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/11/95	152.84	136.18	16.66	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/07/95	152.84	137.25	15.59	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/20/95	152.84	135.80	17.04	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5

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
C-7												
10/03/90	155.34	134.52	20.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/25/90	155.34	134.43	20.91	--	--	--	--	<50	<0.5	1.0	<0.5	<0.5
11/09/90	155.34	134.40	20.94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/22/91	155.34	133.84	21.50	--	--	--	--	<50	4.0	<0.5	<0.5	<0.5
02/21/91	155.34	134.63	20.71	--	--	--	--	--	--	--	--	--
04/01/91	155.34	135.34	20.00	--	--	--	--	--	--	--	--	--
04/11/91	155.34	135.29	20.05	--	--	--	--	--	--	--	--	--
07/01/91	155.34	134.82	20.52	--	--	--	--	--	--	--	--	--
09/24/91	155.34	134.52	20.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/23/91	155.34	134.43	20.91	--	--	--	--	--	--	--	--	--
11/22/91	155.34	134.55	20.79	--	--	--	--	--	--	--	--	--
01/09/92	155.34	135.18	20.16	--	--	--	--	<50	<0.5	<0.5	<0.5	0.9
03/06/92	155.34	135.92	19.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
06/04/92	155.34	135.53	19.81	--	--	--	--	250	<0.5	<0.5	<0.5	<0.5
09/28/92	155.34	134.69	20.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
12/17/92	155.34	135.32	20.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/29/93	155.34	136.19	19.15	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
07/26/93	155.34	135.57	19.77	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
10/22/93	155.34	135.17	20.17	0.00	--	--	--	--	--	--	--	--
01/24/94	155.34	135.11	20.23	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/11/94	155.34	135.39	19.95	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/01/94	155.34	135.42	19.92	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/06/94	155.34	135.03	20.31	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/11/95	155.34	135.98	19.36	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/07/95	155.34	136.84	18.50	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/20/95	155.34	135.46	19.88	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5

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
TRIP BLANK												
10/03/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/25/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
11/09/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/22/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
09/24/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/09/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
03/06/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
06/04/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
09/28/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
12/17/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
04/29/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
07/26/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5
10/22/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/24/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/11/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/01/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
10/06/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
01/11/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
04/07/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
07/20/95	--	--	--	--	--	--	--	<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
 SPH = Seperate-Phase Hydrocarbons

Analytical Appendix



Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-2960, 950720C1 Sample Descript: C1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-01	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/26/95 Reported: 07/28/95
Attention: Jim Keller		


QC Batch Number: GC072695BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2000	16000
Benzene	20	96
Toluene	20	81
Ethyl Benzene	20	53
Xylenes (Total)	20	1000
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





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-2960, 950720C1 Sample Descript: C2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-02	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/25/95 Reported: 07/28/95
Attention: Jim Keller		

QC Batch Number: GC072595BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	3000
Benzene	5.0	500
Toluene	5.0	100
Ethyl Benzene	5.0	96
Xylenes (Total)	5.0	110
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-2960, 950720C1 Sample Descript: C3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-03	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/26/95 Reported: 07/28/95
Attention: Jim Keller		

QC Batch Number: GC072695BTEX21A
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	1.5
Toluene	0.50	1.9
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	3.5
Chromatogram Pattern:		
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





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-2960, 950720C1 Sample Descript: C4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-04	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/25/95 Reported: 07/28/95
Attention: Jim Keller		

QC Batch Number: GC072595BTEX03A
Instrument ID: GCHP03

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	89

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 9-2960, 950720C1 Sample Descript: C5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-05	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/25/95 Reported: 07/28/95
Attention: Jim Keller		

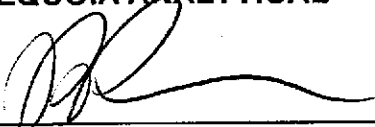
QC Batch Number: GC072595BTEX17A
Instrument ID: GCHP17

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	0.61
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	82

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 9-2960, 950720C1 Sample Descript: C6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-06	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/24/95 Reported: 07/28/95
---	---	---

QC Batch Number: GC072495BTEX17A
Instrument ID: GCHP17

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	81

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 9-2960, 950720C1
Sample Descript: C7
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9507D67-07

Sampled: 07/20/95
Received: 07/21/95
Analyzed: 07/24/95
Reported: 07/28/95


QC Batch Number: GC072495BTEX17A
Instrument ID: GCHP17

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	77

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 9-2960, 950720C1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9507D67-08	Sampled: 07/20/95 Received: 07/21/95 Analyzed: 07/25/95 Reported: 07/28/95
---	---	---

QC Batch Number: GC072495BTEX17A
Instrument ID: GCHP17

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	81

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





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

Client Proj. ID: Chevron 9-2960, 950720C1

Lab Proj. ID: 9507D67

Received: 07/21/95

Reported: 07/28/95

LABORATORY NARRATIVE

TPPH Note: Sample 9507D67-01 was diluted 40-fold.
Sample 9507D67-02 was diluted 10-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 9-2960, 950720C1**
Matrix: **Liquid**

Work Order #: **9507D67 -01**

Reported: **Aug 3, 1995**

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072695BTEX20A	GC072695BTEX20A	GC072695BTEX20A	GC072695BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9507B4504	9507B4504	9507B4504	9507B4504
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/26/95	7/26/95	7/26/95	7/26/95
Analyzed Date:	7/26/95	7/26/95	7/26/95	7/26/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	11	32
MS % Recovery:	110	110	110	107
Dup. Result:	9.8	10	9.8	29
MSD % Recov.:	98	100	98	97
RPD:	12	9.5	12	9.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

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

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.

SEQUOIA ANALYTICAL

[Signature]
Peggy Penner
Project Manager

** MS= Matrix Spike, MSD= MS Duplicate, RPD= Relative % Difference

9507D67.BLA <1>





Sequoia Analytical

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

Client Project ID: Chevron 9-2960, 950720C1
Matrix: Liquid

Work Order #: 9507D67-02

Reported: Aug 3, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072595BTEX21A	GC072595BTEX21A	GC072595BTEX21A	GC072595BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950794704	950794704	950794704	950794704
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/25/95	7/25/95	7/25/95	7/25/95
Analyzed Date:	7/25/95	7/25/95	7/25/95	7/25/95
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.6	9.6	9.3	28
MS % Recovery:	86	96	93	93
Dup. Result:	7.9	8.3	8.4	25
MSD % Recov.:	79	83	84	83
RPD:	8.5	15	10	11
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

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

9507D67.BLA <2>





Sequoia Analytical

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(415) 364-9600
(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

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

Client Project ID: Chevron 9-2960, 950720C1
Matrix: Liquid

Work Order #: 9507D67-03

Reported: Aug 3, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072695BTEX21A	GC072695BTEX21A	GC072695BTEX21A	GC072695BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9507B4504	9507B4504	9507B4504	9507B4504
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/26/95	7/26/95	7/26/95	7/26/95
Analyzed Date:	7/26/95	7/26/95	7/26/95	7/26/95
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	7.2	7.5	7.3	23
MS % Recovery:	72	75	73	77
Dup. Result:	6.1	6.3	6.0	19
MSD % Recov.:	61	63	60	63
RPD:	17	17	20	19
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK072695	BLK072695	BLK072695	BLK072695
Prepared Date:	7/26/95	7/26/95	7/26/95	7/26/95
Analyzed Date:	7/26/95	7/26/95	7/26/95	7/26/95
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.7	8.4	8.1	26
LCS % Recov.:	87	84	81	87

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

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9507D67.BLA <3>





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

Client Project ID: Chevron 9-2960, 950720C1
Matrix: Liquid

Work Order #: 9507D67-04

Reported: Aug 3, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072595BTEX03A	GC072595BTEX03A	GC072595BTEX03A	GC072595BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950794703	950794703	950794703	950794703
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/25/95	7/25/95	7/25/95	7/25/95
Analyzed Date:	7/25/95	7/25/95	7/25/95	7/25/95
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.9	9.7	10	31
MS % Recovery:	99	97	100	103
Dup. Result:	9.7	9.6	10	30
MSD % Recov.:	97	96	100	100
RPD:	2.0	1.0	0.0	3.3
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

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

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.

SEQUOIA ANALYTICAL

[Signature]
Peggy Penner
Project Manager

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9507D67.BLA <4>





Blaine Tech Services, Inc. 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Project ID: Chevron 9-2960, 950720C1 Matrix: Liquid Work Order #: 9507D67-05	Reported: Aug 3, 1995
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QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072595BTEX17A	GC072595BTEX17A	GC072595BTEX17A	GC072595BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950794702	950794702	950794702	950794702
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/25/95	7/25/95	7/25/95	7/25/95
Analyzed Date:	7/25/95	7/25/95	7/25/95	7/25/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.3	9.2	9.4	28
MS % Recovery:	93	92	94	93
Dup. Result:	9.5	9.2	9.4	28
MSD % Recov.:	95	92	94	93
RPD:	2.1	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

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

SEQUOIA ANALYTICAL

Peggy Penner
Peggy Penner
Project Manager

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9507D67.BLA <5>





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

Client Project ID: **Chevron 9-2960, 950720C1**
Matrix: **Liquid**

Work Order #: **9507D67-06-08**

Reported: **Aug 3, 1995**

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072495BTEX17A	GC072495BTEX17A	GC072495BTEX17A	GC072495BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950794702	950794702	950794702	950794702
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/24/95	7/24/95	7/24/95	7/24/95
Analyzed Date:	7/24/95	7/24/95	7/24/95	7/24/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.5	8.6	8.7	26
MS % Recovery:	85	86	87	87
Dup. Result:	8.8	8.9	8.9	27
MSD % Recov.:	88	89	89	90
RPD:	3.5	3.4	2.3	3.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

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

SEQUOIA ANALYTICAL

Peggy Penner
Peggy Penner
Project Manager

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

9507D67.BLA <6>



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

Chevron Facility Number 9-2960
Facility Address 2416 Grove Way, Castro Valley, CA
Consultant Project Number 950720C1
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) 293-8773

Chevron Contact (Name) Kenneth Kan
(Phone) (510) 842-8752
Laboratory Name Sequoia
Laboratory Release Number 2106811
Samples Collected by (Name) SCOTT BRADSHAW
Collection Date 7-20-95
Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Media S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks
								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)			
C1		3	W	D	1537	HCL	Y	X										1
C2		3			1456			X										2
C3		3			1438			X										3
C4		3			1417			X										4
C5		3			1353			X										5
C6		3			1259			X										6
C7		3			1320			X										7
TB		2	↓	↓		↓	↓	X										8

DO NOT BILL FOR TB-LB.

9507067

03/03 91/ACH

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>7/21 10:25</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Seq</u>	Date/Time <u>7/21 10:25</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>Seq</u>	Date/Time <u>7/21 10:41</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>7-21-95 12:35</u>	

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950720C1</u>	Station #: <u>9-2960</u>
Sampler: <u>SCOTT BRODERICK</u>	Start Date: <u>7-20-95</u>
Well I.D.: <u>C1</u>	Well Diameter: (circle one) 2 <u>3</u> 4 6
Total Well Depth: Before <u>25.90</u> After _____	Depth to Water: Before <u>16.52</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>3.5</u>	x	<u>3</u>	=	<u>10.5</u>
1 Case Volume		Specified Volumes		gallons

Purging: <u>Bailer</u> <u>Disposable Bailer</u> Middleburg Electric Submersible Extraction Pump Other _____	Sampling: <u>Bailer</u> <u>Disposable Bailer</u> Extraction Port Other _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1511</u>	<u>73.0</u>	<u>7.0</u>	<u>1200</u>	—	<u>4</u>	<u>SMREEN/ODOR</u>
<u>1520</u>	<u>72.6</u>	<u>7.1</u>	<u>1200</u>	—	<u>7</u>	
<u>1528</u>	<u>72.0</u>	<u>7.1</u>	<u>1200</u>	—	<u>11</u>	

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

Sampling Time: 1537 Sampling Date: 7-20-95

Sample I.D.: C1 Laboratory: SEQUOIA

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 #: <u>950720C1</u>	Station #: <u>9-2960</u>
Sampler: <u>SCOTT BRODERICK</u>	Start Date: <u>7-20-95</u>
Well I.D.: <u>C2</u>	Well Diameter: (circle one) 2 <u>3</u> 4 6
Total Well Depth: Before <u>30.21</u> After	Depth to Water: Before <u>15.03</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>5.6</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>16.8</u>	
1 Case Volume		Specified Volumes		gallons	

Purging: Bailer Disposable Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other _____	Sampling: Bailer <u>Disposable Bailer</u> Extraction Port Other _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1447</u>	<u>68.0</u>	<u>6.9</u>	<u>2000</u>	—	<u>6</u>	
<u>1449</u>	<u>68.6</u>	<u>7.0</u>	<u>2000</u>	—	<u>12</u>	
<u>1451</u>	<u>70.0</u>	<u>6.8</u>	<u>1900</u>	—	<u>17</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 17

Sampling Time: <u>1450</u>	Sampling Date: <u>7-20-95</u>
Sample I.D.: <u>C2</u>	Laboratory: <u>SEQUOIA</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> 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 #: <u>950720C1</u>	Station #: <u>9-2960</u>
Sampler: <u>SCOTT BRODERICK</u>	Start Date: <u>7-20-95</u>
Well I.D.: <u>C3</u>	Well Diameter: (circle one) 2 <u>3</u> 4 6
Total Well Depth: Before <u>30.98</u> After	Depth to Water: Before <u>17.76</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>4.9</u>	\times	<u>3</u>	$=$	<u>14.7</u>	
1 Case Volume		Specified Volumes		gallons	

Purging: Bailer Disposable Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other _____	Sampling: Bailer <u>Disposable Bailer</u> Extraction Port Other _____
---	--

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1420	69.2	7.2	1100	—	5	
1429	69.8	6.9	1050	—	10	
1431	70.2	6.9	1050	—	15	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 15

Sampling Time: <u>1438</u>	Sampling Date: <u>7-20-95</u>
Sample I.D.: <u>C3</u>	Laboratory: <u>SEQUOIA</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> 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 #: <u>950720C1</u>	Station #: <u>9-2960</u>
Sampler: <u>SCOTT BRODERICK</u>	Start Date: <u>7-20-95</u>
Well I.D.: <u>C4</u>	Well Diameter: (circle one) 2 <u>3</u> 4 6
Total Well Depth: Before <u>28.55</u> After	Depth to Water: Before <u>18.00</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>3.4</u>	\times	<u>3</u>	$=$	<u>10.8</u>	gallons
1 Case Volume		Specified Volumes			

Purging: Bailer Disposable Bailer Middleburg <u>Electric Submersible</u> Extraction Pump Other _____	Sampling: Bailer <u>Disposable Bailer</u> Extraction Port Other _____
---	--

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1408</u>	<u>70.2</u>	<u>6.7</u>	<u>1600</u>	—	<u>4</u>	
<u>1409</u>	<u>69.6</u>	<u>6.9</u>	<u>1200</u>	—	<u>8</u>	
<u>1410</u>	<u>69.8</u>	<u>7.0</u>	<u>1200</u>	—	<u>11</u>	

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

Sampling Time: 1417 Sampling Date: 7-20-95

Sample I.D.: C4 Laboratory: SEQUOIA

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950720C1</u>	Station #: <u>9-2960</u>
Sampler: <u>SCOTT BRODERICK</u>	Start Date: <u>7-20-95</u>
Well I.D.: <u>C5</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>29.64</u> After	Depth to Water: Before <u>16.21</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>2.1</u>	x	<u>3</u>	=	<u>6.3</u>
1 Case Volume		Specified Volumes		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:
<u>1340</u>	<u>68.8</u>	<u>7.2</u>	<u>1400</u>	<u>—</u>	<u>3</u>	
<u>1344</u>	<u>70.6</u>	<u>7.2</u>	<u>1400</u>	<u>—</u>	<u>5</u>	
<u>1351</u>	<u>70.8</u>	<u>7.3</u>	<u>1300</u>	<u>—</u>	<u>7</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 7

Sampling Time: 1355 Sampling Date: 7-20-95

Sample I.D.: C5 Laboratory: SEQUOIA

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950720C1</u>	Station #: <u>9-2960</u>
Sampler: <u>SCOTT BRODERICK</u>	Start Date: <u>7-20-95</u>
Well I.D.: <u>C6</u>	Well Diameter: (circle one) <u>3</u> 3 4 6
Total Well Depth: Before <u>28.26</u> After	Depth to Water: Before <u>17.04</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>1.8</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>5.4</u>
1 Case Volume		Specified Volumes		gallons

Purging: <u>Bailer</u> <u>Disposable Bailer</u> Middleburg Electric Submersible Extraction Pump Other _____	Sampling: <u>Bailer</u> <u>Disposable Bailer</u> Extraction Port Other _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1246</u>	<u>68.6</u>	<u>6.8</u>	<u>1500</u>	—	<u>2</u>	
<u>1249</u>	<u>70.0</u>	<u>6.8</u>	<u>1200</u>	—	<u>4</u>	
<u>1254</u>	<u>70.2</u>	<u>6.7</u>	<u>1100</u>	—	<u>6</u>	

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

Sampling Time: 1259 Sampling Date: 7-20-95

Sample I.D.: C6 Laboratory: SEQUOIA

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 #:	950518-K1	Station #:	9-2960
Sampler:	KCB	Start Date:	5/18
Well I.D.:	C-1	Well Diameter: (circle one)	2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/>
Total Well Depth:		Depth to Water:	
Before — After		Before 1501 After	
Depth to Free Product:	—	Thickness of Free Product (feet):	
Measurements referenced to:	<input checked="" type="radio"/> 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	—	=	—
1 Case Volume		Specified Volumes		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:
—						—
		Product Grab Sample				
	*	Vacuum on Well Caused by				
			RW	Remediation Well		

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

Sampling Time: 7:00	Sampling Date: 5/18
Sample I.D.: C-1	Laboratory: CRTC
Analyzed for: TPH-G BTEX TPH-D OTHER: Fuel Finger Print	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: TPH-G BTEX TPH-D OTHER:	