

ENVIRONMENTAL
PROTECTION
08 MAR 91 PM 10 41



Chevron

March 27, 1998

Ms. Eva Chu
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

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

Marketing - Sales West
Phone 510 842-9500

**Re: Chevron Service Station #9-0290
1802 Webster Street, Alameda, California**

Dear Ms. Chu:

Enclosed is the First Quarter Groundwater Monitoring Report for 1998 that was prepared by our consultant Blaine Tech Services Inc. for the above noted site. Ground water samples were collected and analyzed for TPH-g, TPH-d, BTEX and MtBE constituents.

Monitoring wells A-1, B-1, B-5, B-7, B-10, B-11, B-12 and B-13 are analyzed for the presence of TPH-g, TPH-d, BTEX and MtBE constituents; while monitoring well B-6 is only analyzed for the presence of the MtBE and TPH-d constituents. Well B-7 was added to the list of wells and will be sampled semi-annually in the 1st and 3rd quarters.

All wells showed the presence of the constituents noted above, except for well B-7, which was below method detection limits for all constituents. Note that the data chart does not show a value for MtBE, however it was analyzed for this constituent-refer to the analytical appendix. Benzene constituents declined in monitoring wells B-1, B-5, B-10, B-11, B-12 and B-13. Separate phase hydrocarbon was detected in monitoring well A-1 and approximately 0.026 gallons was bailed from the well. The result of the TPH-d analysis in all of the wells does not show the presence of diesel constituents but the presence of an unidentified hydrocarbon.

Depth to ground water varied from 2.53 feet to 3.053 feet below grade with a direction of flow northwesterly.



March 27, 1998
Ms. Eva Chu
Chevron Service Station #9-0290
Page 2

Chevron will continue to monitor the wells as noted above. If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY



Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Ms. Louise Van De Deere
Housing Authority of the City of Alameda
701 Atlantic Avenue
Alameda, CA 94501

Mr. Bill Scudder, Chevron

BLAINE
TECH SERVICES INC.



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

*Check next gmr. to see if there
has been recent ^{fuel} release ..*

March 18, 1998

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

1st Quarter 1998 Monitoring at 9-0290

First Quarter 1998 Groundwater Monitoring at
Chevron Service Station Number 9-0290
1802 Webster Street
Alameda, CA

Monitoring Performed on February 4 & 12, 1998

Groundwater Sampling Report 980204-K-2

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

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

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

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

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

Please call if you have any questions.

Yours truly,

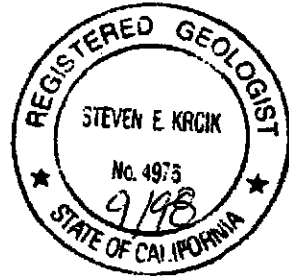
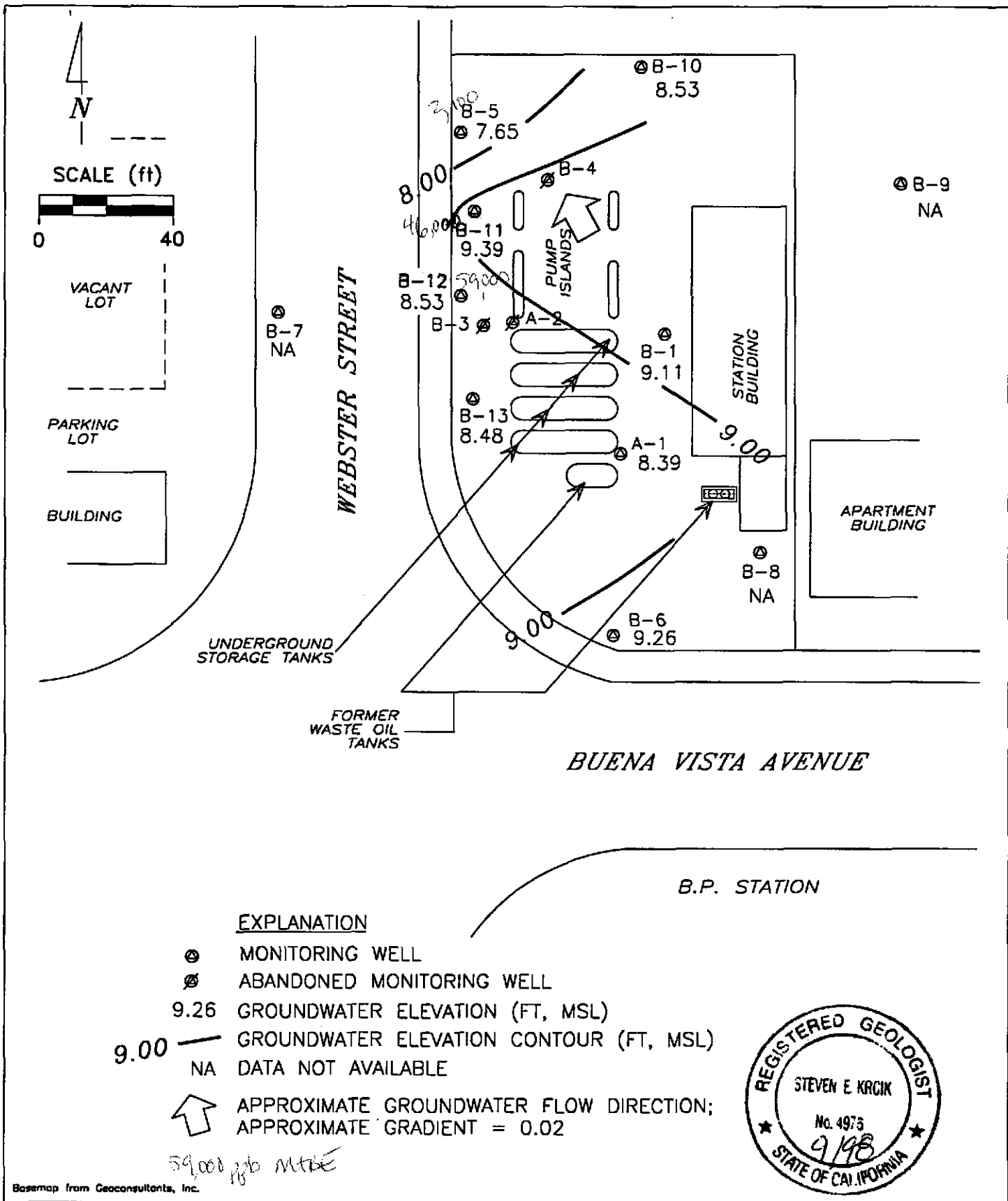
A handwritten signature in black ink, appearing to read "Francis Thie", written in a cursive style.

Francis Thie
Vice President

FPT/ew

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

Professional Engineering Appendix



PREPARED BY RRM engineering contracting firm	Chevron Station 9-0290 1802 Webster Street Alameda, California	FIGURE: 1
	GROUNDWATER ELEVATION CONTOUR MAP, FEBRUARY 4, 1998	PROJECT: DAC04

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	TOG	TPH- Diesel	MTBE
A-1															
09/20/91	8.13	0.48	9.23	1.58	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.13	1.46	6.67	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.13	1.43	7.28	0.58	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.13	1.36	7.42	0.65	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.13	1.49	7.14	0.50	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.13	1.50	7.14	0.51	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.13	1.47	7.19	0.53	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.13	1.28	7.28	0.54	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.13	1.29	7.33	0.49	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.13	1.73	6.76	0.36	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.13	2.21	6.29	0.37	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.13	2.15	6.43	0.45	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.13	2.21	6.30	0.38	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.13	3.14	5.30	0.31	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.13	2.83	5.37	0.07	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.13	2.39	6.14	0.40	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.56	6.19	5.85	0.60	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.56	--	--	--	2.000	2.000	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	0.130	2.130	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	0.130	2.260	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	0.500	2.760	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	2.000	4.760	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--

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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	TOG	TPH- Diesel	MTBE
A-1 (CONT'D)															
09/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/01/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/07/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/13/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/19/93	11.56	--	--	0.10	--	4.760	--	--	--	--	--	--	--	--	--
10/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/28/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/12/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/19/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/30/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/23/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/29/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/03/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/17/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/26/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/07/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/11/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/18/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/25/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/04/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/11/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/16/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/25/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
04/01/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/18/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/30/94	11.56	--	--	--	--	2.000	6.760	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	6.760	--	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	--	--	6.760	--	--	--	--	--	--	--	--	--
08/04/95	11.56	--	--	--	--	6.760	--	--	--	--	--	--	--	--	--
11/29/95	11.56	5.24	6.38	0.08	0.026	6.786	--	--	--	--	--	--	--	--	--

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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	Vertical Measurements are in feet.			Volumetric Measurements are in gallons			Notes	Analytical results are in parts per billion (ppb)							
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	TPH- Diesel	MTBE
A-1 (CONT'D)															
02/08/96	11.56	7.03	4.57	0.05	--	6.790	--	--	--	--	--	--	--	--	--
05/08/96	11.56	6.29	5.49	0.28	--	6.790	--	--	--	--	--	--	--	--	--
08/23/96	11.56	5.31	6.43	0.22	--	6.790	--	--	--	--	--	--	--	--	--
12/12/96	11.56	6.37	5.53	0.42	0.053	6.843	--	--	--	--	--	--	--	--	--
02/10/97	11.56	7.25	4.45	0.17	0.079	6.922	--	--	--	--	--	--	--	--	--
05/01/97	11.56	6.11	5.51	0.08	0.053	6.975	--	--	--	--	--	--	--	--	--
08/05/97	11.56	5.68	5.96	0.10	0.066	7.041	--	--	--	--	--	--	--	--	--
10/28/97	11.56	5.56	6.05	0.06	0.026	7.067	--	--	--	--	--	--	--	--	--
02/04/98	11.56	8.39	3.20	0.04	0.026	7.093	--	--	--	--	--	--	--	--	--

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	Vertical Measurements are in feet.			Volumetric Measurements are in gallons			Notes	Analytical results are in parts per billion (ppb)							
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
A-2															
09/20/91	8.00	0.27	7.73	0.00	--	--	--	8100	860	14	110	53	--	5100	--
10/09/91	8.00	1.39	6.61	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.00	1.34	6.66	0.00	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.00	1.29	6.80	0.09	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.00	1.45	6.63	0.15	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.00	1.45	6.64	0.21	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.00	1.38	6.81	0.19	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.00	1.31	6.93	0.24	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.00	1.24	6.97	0.15	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.00	1.70	6.54	0.24	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.00	2.16	5.92	0.08	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.00	2.00	6.01	0.10	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.00	2.20	6.06	0.26	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.00	3.11	4.93	0.04	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.00	2.80	5.20	<0.01	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.00	2.36	5.66	0.02	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.00	3.20	4.98	0.22	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.24	5.36	0.18	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.46	--	--	--	0.13	1.000	--	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	1.130	--	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	1.390	--	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	1.890	--	--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	1.890	--	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--

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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	TOG	TPH- Diesel	MTBE
A-2 (CONT'D)															
09/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/01/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	1.890	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
04/01/94	11.46	--	--	--	--	1.890	Destroyed	--	--	--	--	--	--	--	--

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	TOG	TPH-Diesel	MTBE
B-1															
04/23/93	12.12	6.19	5.93	--	--	--	--	13,000	4900	22	250	47	--	8300	--
07/19/93	12.12	5.46	6.66	--	--	--	--	3300	1200	16	24	<30	--	1600	--
10/19/93	12.12	5.04	7.08	--	--	--	--	2300	730	18	14	31	--	550	--
01/17/94	12.12	5.39	6.73	--	--	--	--	22,000	6500	170	210	430	--	<50	--
08/18/94	12.12	5.27	6.85	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	--	--	--	--	1500	250	17	7.5	19	<5.0*	3200**	--
02/15/95	12.12	6.75	5.37	--	--	--	--	1000	160	<2.0	4.6	2.6	--	1300**	--
05/01/95	12.12	7.00	5.12	--	--	--	--	140	20	0.52	2.0	0.67	--	2600***	--
08/04/95	12.12	6.62	5.50	--	--	--	--	6700	1400	<20	<20	<20	--	4900***	--
11/29/95	12.12	6.27	5.85	--	--	--	--	9200	2200	<25	<25	25	--	5000***	8300
02/08/96	12.12	8.12	4.00	--	--	--	--	1500	190	<5.0	<5.0	<5.0	--	1300***	2300
05/08/96	12.12	7.32	4.80	--	--	--	--	3700	650	<10	24	16	--	2900***	2300
08/23/96	12.12	6.58	5.54	--	--	--	--	3200	500	<20	<20	<20	--	2600	4900
12/12/96	12.12	7.22	4.90	--	--	--	--	2500	380	<25	<25	25	--	3400+	8600
02/10/97	12.12	7.53	4.59	--	--	--	--	2200	270	11	8.8	13	--	2100***	3400
05/01/97	12.12	6.46	5.66	--	--	--	--	1200	70	5.8	<5.0	7.2	--	1300***	2000
08/05/97	12.12	5.68	6.44	--	--	--	--	<1000	86	<10	<10	<10	--	1500***	3800
10/28/97	12.12	5.69	6.43	--	--	--	--	1400	73	6.5	6.8	9.0	--	2000***	2900
02/04/98	12.12	9.11	3.01	--	--	--	--	1500	4.5	1.7	<0.5	2.2	--	1200***	1900
02/12/98	12.12	8.33	3.79	--	--	--	--	--	--	--	--	--	--	--	--

* Analytical values are in parts per million (ppm).

** Chromatogram pattern indicates a non-diesel mix.

*** Chromatogram pattern indicates an unidentified hydrocarbon.

+ Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	TPH- Diesel	MTBE
B-3															
09/20/91	8.01	1.08	6.94	0.01	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.01	1.66	6.35	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.01	1.53	6.84	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.01	1.70	6.31	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.01	1.69	6.32	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.01	1.62	6.39	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.01	1.19	6.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.01	1.64	6.37	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.01	2.07	5.94	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.01	2.02	5.99	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.01	2.19	5.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.01	2.91	5.10	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.01	2.65	5.36	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.01	2.29	5.72	--	--	--	--	6200	550	58	13	51	<5000	250	--
01/06/93	8.01	2.51	5.50	--	--	--	Sheen	5400	490	54	51	82	--	10,000	--
02/03/93	8.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.42	6.10	5.32	--	--	--	--	18,000	540	69	47	120	--	6400	--
07/29/93	11.42	5.48	5.94	--	--	--	--	40,000	780	69	49	150	--	4000	--
10/19/93	11.42	5.10	6.32	--	--	--	--	20,000	520	37	43	100	--	1500	--
01/17/94	11.42	4.47	6.95	--	--	--	Destroyed	3900	430	32	29	82	--	<50	--

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	TOG	TPH-Diesel	MTBE
B-4															
09/20/91	8.04	1.22	6.82	0.01	--	--	--	19,000	710	160	650	2000	--	1400	--
10/09/91	8.04	1.41	6.63	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.04	1.17	6.87	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.04	1.34	6.70	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.04	1.31	6.73	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.04	1.21	6.83	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.04	1.17	6.87	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.04	1.58	6.46	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.04	2.13	5.91	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.04	2.09	5.95	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.04	2.26	5.78	<0.01	--	--	--	15,000	920	75	520	940	--	860	--
03/09/92	8.04	2.95	5.09	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.04	2.65	5.39	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.04	2.45	5.59	--	--	--	--	19,000	2000	97	560	1200	<5000	<50	--
01/06/93	8.04	2.54	5.50	--	--	--	Sheen	19,000	2000	89	490	740	--	2700	--
02/03/93	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.07	5.39	--	--	--	--	5700	2400	75	380	580	--	2300	--
07/19/93	11.46	5.33	6.13	--	--	--	--	19,000	2400	140	440	620	--	2400	--
10/19/93	11.46	4.95	6.51	--	--	--	--	13,000	1200	84	290	530	--	2100	--
01/17/94	11.46	5.28	6.18	--	--	--	Destroyed	11,000	1900	63	170	290	--	<50	--

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	TOG	TPH-Diesel	MTBE
B-5															
09/20/91	7.73	2.20	5.53	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
10/09/91	7.73	2.42	5.31	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	7.73	2.09	5.64	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	7.73	2.24	5.49	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	7.73	2.19	5.54	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	7.73	2.10	5.63	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	7.73	2.54	5.19	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	7.73	3.07	4.65	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	7.73	3.03	4.70	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	7.73	3.38	4.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/09/92	7.73	3.68	4.05	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	7.73	3.30	4.43	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	7.73	3.94	3.79	--	--	--	--	390	39	1.9	11	24	<5000	--	--
01/06/93	7.73	3.39	4.44	--	--	--	Sheen	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/03/93	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	10.18	5.86	4.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
07/19/93	10.18	5.15	5.03	--	--	--	--	54	<0.5	0.7	<0.5	<1.5	--	<50	--
10/19/93	10.18	5.08	5.10	--	--	--	--	<50	2.0	4.1	0.6	3.5	--	<50	--
01/07/94	10.18	5.32	4.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.18	5.04	5.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	10.18	5.73	4.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	140*	--
02/15/95	10.18	6.03	4.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	170*	--
05/01/95	10.18	5.75	4.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	190**	--
08/04/95	10.18	5.22	4.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	250**	--
11/29/95	10.18	4.97	5.21	--	--	--	--	140	1.5	<0.5	1.1	<0.5	--	330**	800
02/08/96	10.18	6.38	3.80	--	--	--	--	<200	2.1	<2.0	<2.0	<2.0	--	250**	1100
05/08/96	10.18	5.78	4.40	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	350**	1400
08/23/96	10.18	5.19	4.99	--	--	--	--	250	6.4	2.1	2.1	4.3	--	990	9300
12/12/96	10.18	5.90	4.28	--	--	--	--	<1000	<10	<10	<10	<10	--	430**	6700

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* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
B-5 (CONT'D)															
02/10/97	10.18	6.55	3.63	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	340**	930
05/01/97	10.18	5.87	4.31	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	290**	1900
08/05/97	10.18	5.29	4.89	--	--	--	--	<1000	<10	<10	<10	<10	--	710**	6800
10/28/97	10.18	5.18	5.00	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	880**	7000
02/04/98	10.18	7.65	2.53	--	--	--	--	<50	0.51	<0.5	<0.5	<0.5	--	290**	2100

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons				Analytical results are in parts per billion (ppb)									
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE	
B-6																
09/20/91	8.55	1.70	6.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
10/09/91	8.55	1.72	6.83	--	--	--	--	--	--	--	--	--	--	--	--	
10/17/91	8.55	1.65	6.90	--	--	--	--	--	--	--	--	--	--	--	--	
10/23/91	8.55	1.62	6.93	--	--	--	--	--	--	--	--	--	--	--	--	
11/01/91	8.55	1.77	6.78	--	--	--	--	--	--	--	--	--	--	--	--	
11/07/91	8.55	1.74	6.81	--	--	--	--	--	--	--	--	--	--	--	--	
11/15/91	8.55	1.67	6.88	--	--	--	--	--	--	--	--	--	--	--	--	
11/21/91	8.55	1.60	6.95	--	--	--	--	--	--	--	--	--	--	--	--	
12/12/91	8.55	1.41	7.14	--	--	--	--	--	--	--	--	--	--	--	--	
12/30/91	8.55	2.05	6.50	--	--	--	--	--	--	--	--	--	--	--	--	
01/13/92	8.55	2.36	6.19	--	--	--	--	--	--	--	--	--	--	--	--	
01/22/92	8.55	2.28	6.27	--	--	--	--	--	--	--	--	--	--	--	--	
02/12/92	8.55	2.43	6.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
03/09/92	8.55	3.27	5.28	--	--	--	--	--	--	--	--	--	--	--	--	
04/10/92	8.55	3.07	5.48	--	--	--	--	--	--	--	--	--	--	--	--	
05/18/92	8.55	2.65	5.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5000	<50	--	
01/06/93	8.55	2.76	5.79	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
02/03/93	8.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/23/93	11.97	6.70	5.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--	
07/19/93	11.97	5.06	6.91	--	--	--	--	74	<0.5	<0.5	<0.5	<1.5	--	<50	--	
10/19/93	11.97	5.49	6.48	--	--	--	--	<50	<0.5	0.5	<0.5	2.2	--	<50	--	
01/07/94	11.97	5.79	6.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
08/18/94	11.97	5.77	6.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
11/30/94	11.97	6.52	5.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	230*	--	
02/15/95	11.97	7.27	4.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	130*	--	
05/01/95	11.97	6.94	5.03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	97**	--	
08/04/95	11.97	6.15	5.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	350**	--	
11/29/95	11.97	5.97	6.00	--	--	--	--	--	--	--	--	--	--	200**	--	
02/08/96	11.97	7.27	4.70	--	--	--	--	--	--	--	--	--	--	210**	--	
05/08/96	11.97	6.74	5.23	--	--	--	--	--	--	--	--	--	--	250**	--	
08/23/96	11.97	5.92	6.05	--	--	--	--	--	--	--	--	--	--	310**	--	
12/12/96	11.97	6.65	5.32	--	--	--	--	--	--	--	--	--	--	300**	--	

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* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.			Volumetric Measurements are in gallons			Notes	Analytical results are in parts per billion (ppb)							
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	TPH- Diesel	MTBE
B-6 (CONT'D)															
02/10/97	11.97	7.60	4.37	--	--	--	--	--	--	--	--	--	--	130**	360
05/01/97	11.97	6.74	5.23	--	--	--	--	--	--	--	--	--	--	260**	2200
08/05/97	11.97	6.22	5.75	--	--	--	--	--	--	--	--	--	--	260**	1800
10/28/97	11.97	5.89	6.08	--	--	--	--	--	--	--	--	--	--	340**	1900
02/04/98	11.97	9.26	2.71	--	--	--	--	--	--	--	--	--	--	280**	1400

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
B-7															
04/23/93	10.54	6.02	4.52	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	10.54	5.50	5.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	10.54	5.14	5.40	--	--	--	--	<50	3.1	0.5	<0.5	0.8	--	<50	--
01/07/94	10.54	5.35	5.19	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.54	5.28	5.26	--	--	--	--	<50	<0.5	<0.5	<0.5	1.1	--	<50	--
11/30/94	10.54	5.96	4.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/15/95	10.54	6.32	4.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
05/01/95	10.54	6.04	4.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	53**	--
08/04/95	10.54	5.56	4.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/12/98	10.54	7.49	3.05	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--

B-8

04/23/93	11.99	6.63	5.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	11.99	5.77	6.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	11.99	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--
01/07/94	11.99	5.69	6.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	11.99	5.56	6.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	11.99	6.53	5.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*	--
02/15/95	11.99	7.27	4.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*	--
05/01/95	11.99	6.99	5.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	51**	--
08/04/95	11.99	6.07	5.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--

NO LONGER MONITORED OR SAMPLED

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons			Analytical results are in parts per billion (ppb)									
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	TPH- Diesel	MTBE	
B-9																
04/23/93	10.70	6.14	4.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--	
07/19/93	10.70	5.25	5.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--	
10/19/93	10.70	4.81	5.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
01/07/94	10.70	5.29	5.41	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
08/18/94	10.70	5.15	5.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
11/30/94	10.70	6.35	4.35	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	60*	--	
02/15/95	10.70	7.05	3.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
05/01/95	10.70	6.41	4.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
08/04/95	10.70	5.50	5.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--	
NO LONGER MONITORED OR SAMPLED																
B-10																
11/29/95	11.42	4.91	6.51	--	--	--	--	1700	95	<2.5	69	170	--	900*	22	
02/08/96	11.42	6.87	4.55	--	--	--	--	230	31	<0.5	7.2	6.2	--	650*	10	
05/08/96	11.42	5.87	5.55	--	--	--	--	260	61	0.59	37	23	--	570*	20	
08/23/96	11.42	5.23	6.19	--	--	--	--	320	34	<0.5	29	15	--	700*	8.3	
12/12/96	11.42	5.59	5.83	--	--	--	--	1600	94	<2.5	110	27	--	990*	<12	
02/10/97	11.42	6.84	4.58	--	--	--	--	2100	230	5.6	130	83	--	530*	<12	
05/01/97	11.42	5.85	5.57	--	--	--	--	2300	110	<2.5	140	49	--	770*	<12	
08/05/97	11.42	5.12	6.30	--	--	--	--	650	33	1.1	70	16	--	620*	3.2	
10/28/97	11.42	5.24	6.18	--	--	--	--	740	25	1.6	53	14	--	310*	6.7	
02/04/98	11.42	8.53	2.89	--	--	--	--	950	23	4.5	<0.5	1.9	--	250*	<2.5	
B-11																
11/29/95	11.98	6.08	5.90	--	--	--	--	2800	38	<10	26	48	--	1400*	21,000	
02/08/96	11.98	7.54	4.44	--	--	--	--	<5000	<50	<50	<50	<50	--	1100*	38,000	
05/08/96	11.98	6.98	5.00	--	--	--	--	4100	110	<10	31	25	--	1300*	17,000	
08/23/96	11.98	6.37	5.61	--	--	--	--	3400	160	12	41	13	--	820*	4000	
12/12/96	11.98	6.85	5.13	--	--	--	--	3700	120	12	<5.0	30	--	1300*	2200	
02/10/97	11.98	7.91	4.07	--	--	--	--	2300	56	17	<5.0	20	--	810*	4700	
05/01/97	11.98	6.95	5.03	--	--	--	--	<5000	<50	<50	<50	<50	--	820*	21,000	
08/05/97	11.98	6.38	5.60	--	--	--	--	3500	42	<10	<10	<10	--	900*	4100	
10/28/97	11.98	6.30	5.68	--	--	--	--	3000	39	6.2	8.0	13	--	1300*	2300	
02/04/98	11.98	9.39	2.59	--	--	--	--	1300	3.2	1.4	<0.5	5.0	--	930*	46,000	

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
B-12															
11/29/95	11.16	5.15	6.01	--	--	--	--	1100	10	<10	<10	<10	--	1800*	37,000
02/08/96	11.16	6.56	4.60	--	--	--	--	<20,000	<200	<200	<200	<200	--	1800*	88,000
05/08/96	11.16	6.08	5.08	--	--	--	--	<25,000	<250	<250	<250	<250	--	1800*	88,000
08/23/96	11.16	5.51	5.65	--	--	--	--	630	16	<5.0	<5.0	<5.0	--	1500*	420
12/12/96	11.16	6.05	5.11	--	--	--	--	<25,000	<250	<250	<250	<250	--	1200*	54,000
02/10/97	11.16	7.05	4.11	--	--	--	--	<20,000	<200	<200	<200	<200	--	1200*	65,000
02/10/97	11.16	7.05	4.11	--	--	--	EPA 8240	--	<500	<500	<500	<500	--	--	--
05/01/97	11.16	6.17	4.99	--	--	--	--	<12,500	<125	<125	<125	<125	--	1100*	64,000
08/05/97	11.16	5.55	5.61	--	--	--	--	<10,000	<100	<100	<100	<100	--	1100*	46,000
10/28/97	11.16	5.40	5.76	--	--	--	--	1400	39	<5.0	7.2	6.0	--	1100*	29,000
02/04/98	11.16	8.53	2.63	--	--	--	--	920	6.9	1.1	<0.5	2.8	--	4800*	59,000
B-13															
11/29/95	11.17	5.26	5.91	--	--	--	--	1800	19	<5.0	5.5	<5.0	--	3400*	7400
02/08/96	11.17	6.72	4.45	--	--	--	--	910	12	1.3	2.0	1.9	--	450*	77
05/08/96	11.17	6.20	4.97	--	--	--	--	140	1.9	<0.5	0.88	2.0	--	560*	98
08/23/96	11.17	5.54	5.63	--	--	--	--	1300	<10	<10	<10	<10	--	1300*	450
12/12/96	11.17	5.91	5.26	--	--	--	--	2600	29	5.4	9.40	6.3	--	1300*	230
02/10/97	11.17	7.05	4.12	--	--	--	--	670	<0.5	6.7	2.6	5.6	--	290*	28
05/01/97	11.17	6.17	5.00	--	--	--	--	920	8.5	4.6	2.1	6.1	--	480*	530
08/05/97	11.17	5.52	5.65	--	--	--	--	1900	23	<5.0	<5.0	<5.0	--	1300*	860
10/28/97	11.17	5.49	5.68	--	--	--	--	2400	33	14	8.4	10	--	2200*	2100
02/04/98	11.17	8.48	2.69	--	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--	260*	260

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
TRIP BLANK															
01/06/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	--	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--	--
01/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/18/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/15/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/01/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/04/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/29/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/08/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
08/23/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/12/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/10/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/01/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
08/05/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
10/28/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/04/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/12/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on 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 = Separate-Phase Hydrocarbons

TOG = Total Oil and Grease

MTBE = Methyl t-Butyl Ether

Analytical Appendix



Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Client Proj. ID: Chevron 9-0290/980204-K2
Lab Proj. ID: 9802198

Sampled: 02/04/98
Received: 02/05/98
Analyzed: see below

Attention: Fran Thie

Reported: 02/19/98

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
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Lab No: 9802198-01
Sample Desc : LIQUID,B-1

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	1200
Nitrate as Nitrate	mg/L	02/10/98	0.50	N.D.
Sulfate	mg/L	02/10/98	0.50	50

Lab No: 9802198-02
Sample Desc : LIQUID,B-5

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	140
Ferrous Iron	mg/L	02/13/98	0.010	0.73
Nitrate as Nitrate	mg/L	02/10/98	0.50	1.4
Sulfate	mg/L	02/10/98	0.50	6.6

Lab No: 9802198-03
Sample Desc : LIQUID,B-6

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	600
Ferrous Iron	mg/L	02/13/98	0.010	0.042
Nitrate as Nitrate	mg/L	02/10/98	0.50	4.9
Sulfate	mg/L	02/10/98	0.50	36

Lab No: 9802198-04
Sample Desc : LIQUID,B-10

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	680
Ferrous Iron	mg/L	02/13/98	0.010	0.13
Nitrate as Nitrate	mg/L	02/10/98	0.50	38
Sulfate	mg/L	02/12/98	50	130

Lab No: 9802198-05
Sample Desc : LIQUID,B-11

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	400
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Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Lab Proj. ID: 9802198	Sampled: 02/04/98 Received: 02/05/98 Analyzed: see below Reported: 02/19/98
Attention: Fran Thie		

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Ferrous Iron	mg/L	02/13/98	0.010	2.5
Nitrate as Nitrate	mg/L	02/10/98	0.50	4.7
Sulfate	mg/L	02/10/98	0.50	11

Lab No: 9802198-06
Sample Desc : LIQUID,B-12

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	690
Ferrous Iron	mg/L	02/13/98	0.010	0.12
Nitrate as Nitrate	mg/L	02/10/98	0.50	0.88
Sulfate	mg/L	02/10/98	0.50	9.7

Lab No: 9802198-07
Sample Desc : LIQUID,B-13

Alkalinity: Total	mg CaCO3/L	02/10/98	1.0	220
Ferrous Iron	mg/L	02/13/98	0.010	0.35
Nitrate as Nitrate	mg/L	02/10/98	0.50	83
Sulfate	mg/L	02/12/98	50	140

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-1 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9802198-01	Sampled: 02/04/98 Received: 02/05/98 Extracted: 02/10/98 Analyzed: 02/12/98 Reported: 02/19/98
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QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	1200 C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	124

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Sequoia Analytical

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

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802198-01	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 02/19/98
--	--	---

QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	1500
Methyl t-Butyl Ether	2.5	1900
Benzene	0.50	4.5
Toluene	0.50	1.7
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	2.2
Chromatogram Pattern:		Gas
Unidentified HC		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	103

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

SEQUOIA ANALYTICAL - ELAP #1210



 Peggy Penner
 Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-5 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9802198-02	Sampled: 02/04/98 Received: 02/05/98 Extracted: 02/10/98 Analyzed: 02/12/98 Reported: 02/19/98
Attention: Fran Thie		

QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	290
Chromatogram Pattern: Unidentified HC		C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	108

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 Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802198-02	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 02/19/98
--	--	---

QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	2100
Benzene	0.50	0.51
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 Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-6 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9802198-03	Sampled: 02/04/98 Received: 02/05/98 Extracted: 02/10/98 Analyzed: 02/12/98 Reported: 02/19/98
Attention: Fran Thie		

QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	280 C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	102

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-6 Matrix: LIQUID Analysis Method: EPA 8020 Lab Number: 9802198-03	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 03/11/98
Attention: Fran Thie		

QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.5	1400
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	85

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-10 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9802198-04	Sampled: 02/04/98 Received: 02/05/98 Extracted: 02/10/98 Analyzed: 02/12/98 Reported: 02/19/98
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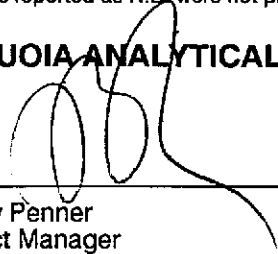
QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	250 C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 96

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Sequoia Analytical

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FAX (916) 921-0100

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-10 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802198-04	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 02/19/98
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QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	950
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	23
Toluene	0.50	4.5
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	1.9
Chromatogram Pattern:		Gas
Unidentified HC		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	113

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-11 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9802198-05	Sampled: 02/04/98 Received: 02/05/98 Extracted: 02/10/98 Analyzed: 02/12/98 Reported: 02/19/98
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QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	930 C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	119

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





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Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Client Proj. ID: Chevron 9-0290/980204-K2
Sample Descript: B-11
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802198-05

Sampled: 02/04/98
Received: 02/05/98
Analyzed: 02/13/98
Reported: 02/19/98

QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	1300
Methyl t-Butyl Ether	2.5	46000
Benzene	0.50	3.2
Toluene	0.50	1.4
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	5.0
Chromatogram Pattern:		Gas
Unidentified HC		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	93

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Tech Services	Client Proj. ID: Chevron 9-0290/980204-K2	Sampled: 02/04/98
1680 Rogers Avenue	Sample Descript: B-12	Received: 02/05/98
San Jose, CA 95112	Matrix: LIQUID	Extracted: 02/10/98
	Analysis Method: EPA 8015 Mod	Analyzed: 02/12/98
Attention: Fran Thie	Lab Number: 9802198-06	Reported: 02/19/98

QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	200	4800
Chromatogram Pattern: Unidentified HC		C9-C24
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	348 Q

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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FAX (510) 988-9673
FAX (916) 921-0100

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-12 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802198-06	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 02/19/98
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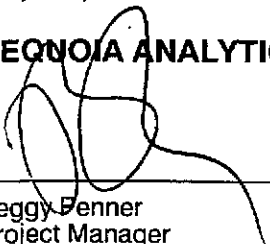
QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	920
Methyl t-Butyl Ether	2.5	59000
Benzene	0.50	6.9
Toluene	0.50	1.1
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	2.8
Chromatogram Pattern:		Gas
Unidentified HC		C6-C12

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Fenner
Project Manager





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron 9-0290/980204-K2
Sample Descript: B-13
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9802198-07

Sampled: 02/04/98
Received: 02/05/98
Extracted: 02/10/98
Analyzed: 02/12/98
Reported: 02/19/98

QC Batch Number: GC0210980HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	260 C9-C24
Surrogates n-Pentacosane (C25)	Control Limits % 50	% Recovery 105

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Sequoia Analytical

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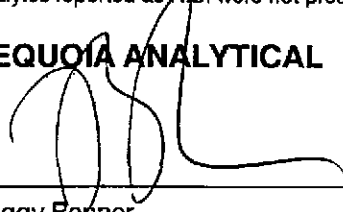
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: B-13 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802198-07	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 02/19/98
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QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	110
Methyl t-Butyl Ether	2.5	260
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern: Unidentified HC		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	80

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 Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980204-K2 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802198-08	Sampled: 02/04/98 Received: 02/05/98 Analyzed: 02/13/98 Reported: 02/19/98
Attention: Fran Thie		

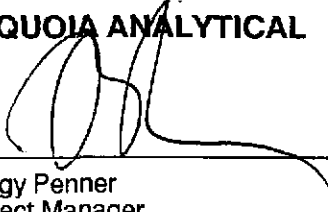
QC Batch Number: GC021398BTEX04A
Instrument ID: GCHP4

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	79

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





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

Client Project ID: Chevron 9-0290 / 980204-K2
Matrix: Liquid

Work Order #: 9802198 -01-07

Reported: Feb 23, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Alkalinity	Nitrate	Sulfate
QC Batch#:	IN021098040300A	IN0210983000ACA	IN0210983000ACA
Analy. Method:	SM 403	EPA 300.0	EPA 300.0
Prep. Method:	N.A.	N.A.	N.A.

Analyst:	K. Cesar	J. Hills	J. Hills
MS/MSD #:	980248101	980236901	980236901
Sample Conc.:	52	N.D.	62
Prepared Date:	2/10/98	2/10/98	2/10/98
Analyzed Date:	2/10/98	2/11/98	2/11/98
Instrument I.D.#:	MANUAL	INIC1	INIC1
Conc. Spiked:	200 mg/L	10 mg/L	10 mg/L

Result:	240	13	71
MS % Recovery:	94	130	90

Dup. Result:	250	13	70
MSD % Recov.:	99	130	80

RPD:	4.1	0.0	1.4
RPD Limit:	0-20	0-20	0-20

LCS #:	LCS021098	LCS021098	LCS021098
Prepared Date:	2/10/98	2/10/98	2/10/98
Analyzed Date:	2/10/98	2/11/98	2/11/98
Instrument I.D.#:	MANUAL	INIC1	INIC1
Conc. Spiked:	100 mg/L	10 mg/L	10 mg/L
LCS Result:	102	9.9	11
LCS % Recov.:	102	99	110

MS/MSD	75-125	75-125	75-125
LCS	80-120	80-120	80-120
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

9802198.BLA <1>





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

Client Project ID: Chevron 9-0290 / 980204-K2
Matrix: Liquid

Work Order #: 9802198-01, 07

Reported: Feb 23, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Sulfate
QC Batch#:	IN0212983000ACB
Analy. Method:	EPA 300.0
Prep. Method:	N.A.

Analyst: J. Hills
MS/MSD #: 980248101
Sample Conc.: 31
Prepared Date: 2/12/98
Analyzed Date: 2/13/98
Instrument I.D.#: INIC1
Conc. Spiked: 10 mg/L

Result: 41
MS % Recovery: 100

Dup. Result: 41
MSD % Recov.: 100

RPD: 0.0
RPD Limit: 0-20

LCS #: LCS021298
Prepared Date: 2/12/98
Analyzed Date: 2/13/98
Instrument I.D.#: INIC1
Conc. Spiked: 10 mg/L
LCS Result: 9.0
LCS % Recov.: 90

MS/MSD	75-125
LCS	80-120
Control Limits	

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

9802198.BLA <2>





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

Client Project ID: Chevron 9-0290 / 980204-K2
Matrix: Liquid

Work Order #: 9802198-02-07

Reported: Feb 23, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0212986010M2A	ME0212986010M2A	ME0212986010M2A	ME0212986010M2A
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010

Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
MS/MSD #:	980246305	980246305	980246305	980246305
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/12/98	2/12/98	2/12/98	2/12/98
Analyzed Date:	2/13/98	2/13/98	2/13/98	2/13/98
Instrument I.D.#:	MTJA5	MTJA5	MTJA5	MTJA5
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	1.0	1.1	1.0	1.0
MS % Recovery:	100	110	100	100
Dup. Result:	1.0	1.1	1.0	1.0
MSD % Recov.:	100	110	100	100
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-20	0-20	0-20	0-20

LCS #:	CCVMI012098	CCVMI012098	CCVMI012098	CCVMI012098
Prepared Date:	1/20/98	1/20/98	1/20/98	1/20/98
Analyzed Date:	2/13/98	2/13/98	2/13/98	2/13/98
Instrument I.D.#:	MTJA5	MTJA5	MTJA5	MTJA5
Conc. Spiked:	5.0 mg/L	5.0 mg/L	5.0 mg/L	5.0 mg/L
LCS Result:	4.9	4.9	5.0	5.1
LCS % Recov.:	98	98	100	102

MS/MSD	80-120	80-120	80-120	80-120
LCS	80-120	80-120	80-120	80-120
Control Limits				

SEQUOIA ANALYTICAL

Peggy Renner
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

9802198.BLA <3>





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

Client Project ID: Chevron 9-0290 / 980204-K2
Matrix: Liquid

Work Order #: 9802198-01-07

Reported: Feb 23, 1998

QUALITY CONTROL DATA REPORT

Analyte: Diesel
QC Batch#: GC0210980HBPEXZ
Analy. Method: EPA 8015M
Prep. Method: EPA 3520

Analyst: D. Lockhart
MS/MSD #: 980214702
Sample Conc.: 96
Prepared Date: 2/10/98
Analyzed Date: 2/12/98
Instrument I.D.#: GCHP5
Conc. Spiked: 1000 µg/L

Result: 940
MS % Recovery: 84

Dup. Result: 820
MSD % Recov.: 72

RPD: 14
RPD Limit: 0-50

LCS #: BLK021098
Prepared Date: 2/10/98
Analyzed Date: 2/12/98
Instrument I.D.#: GCHP5
Conc. Spiked: 1000 µg/L

LCS Result: 840
LCS % Recov.: 84

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

SEQUOIA ANALYTICAL

Peggy Henner
Project Manager

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

9802198.BLA <4>





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

Client Project ID: Chevron 9-0290 / 980204-K2
Matrix: Liquid

Work Order #: 9802198-01-08

Reported: Feb 23, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC021398802004A	GC021398802004A	GC021398802004A	GC021398802004A	GC021398802004A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	S.L.	S.L.	S.L.	S.L.	S.L.
MS/MSD #:	98020200	98020200	98020200	98020200	-
Sample Conc.:	23	4.5	N.D.	1.9	-
Prepared Date:	2/13/98	2/13/98	2/13/98	2/13/98	-
Analyzed Date:	2/13/98	2/13/98	2/13/98	2/13/98	-
Instrument I.D.#:	GC4	GC4	GC4	GC4	-
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	-
Result:	44.5	26.6	28.1	77.6	-
MS % Recovery:	108	111	141	126	-
Dup. Result:	46.4	29	31.3	87.2	-
MSD % Recov.:	117	123	157	142	-
RPD:	4.2	8.6	10.8	11.7	-
RPD Limit:	0-25	0-25	0-25	0-25	-

LCS #:	LCS021398	LCS021398	LCS021398	LCS021398	LCS021398
Prepared Date:	2/13/98	2/13/98	2/13/98	2/13/98	2/13/98
Analyzed Date:	2/13/98	2/13/98	2/13/98	2/13/98	2/13/98
Instrument I.D.#:	GC4	GC4	GC4	GC4	GC4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	500 µg/L
LCS Result:	21.6	22.7	23.8	72.1	432
LCS % Recov.:	108	114	119	120	86

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

SEQUOIA ANALYTICAL
Elap #2142

Peggy Penner
Project Manager

Please Note:

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

9802198.BLA <5>





**Sequoia
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FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-0290/980204-K2

Received: 02/05/98

Lab Proj. ID: 9802198

Reported: 02/19/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 23 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager



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

Chain-of-Custody-Record

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

Chevron Facility Number 9-0290
 Facility Address 1802 Webster St., Alameda, CA
 Consultant Project Number 980204-K2
 Consultant Name Blaine Tech Services, Inc.
 Address 1680 Rogers Ave., San Jose, CA 95112
 Project Contact (Name) Fran Thie
 (Phone) (408) 573-0555 (Fax Number) (408) 573-7771

Chevron Contact (Name) Phil Briggs
 (Phone) (510) 842-9136
 Laboratory Name Sequoia
 Laboratory Release Number 9030595
 Samples Collected by (Name) Mark J. [Signature]
 Collection Date 2/5/98
 Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analysis To Be Performed <u>9802198</u>												Remarks				
								STX + TPH CASINISE (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Hydrocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	VOLATILE BY 8010	NONVOLATILE EPA 910.7	SILICATE EPA 9000	PHOSPHORUS EPA 9000		SECURITIES EPA 9000.7			
CP-1	1	CP	C		1502		Y	X	X									X	X	X	X			
CP-2	2	CP			1231			X	X										X	X	X	X		
CP-3	3	CP			1224			X	X									X	X	X	X	X	X	
CP-10	5	CP			1315			X	X										X	X	X	X	X	
CP-11	5	CP			1344			X	X										X	X	X	X	X	
CP-12	6	CP			1340			X	X										X	X	X	X	X	
CP-13	8	CP			1439			X	X										X	X	X	X	X	
TP	8	CP	C		1			X	X															

DO NOT BILL
 FOR TB-LB

FEB 5 4 58

By (Signature) <u>[Signature]</u> Organization <u>BTS</u> Date/Time <u>2/5 11:30</u>	Received By (Signature) <u>[Signature]</u> Organization <u>Seq. Ana</u> Date/Time <u>2/5/98 1/30</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
(Signature) _____ Organization <u>Seq. Ana</u> Date/Time <u>2/5/98 1345</u>	Received By (Signature) _____ Organization _____ Date/Time _____	
(Signature) _____ Organization _____ Date/Time _____	Received For Laboratory By (Signature) <u>[Signature]</u> Date/Time <u>2/5/98 12:58</u>	



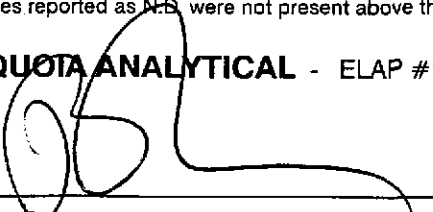
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980212-A4 Lab Proj. ID: 9802B37	Sampled: 02/12/98 Received: 02/17/98 Analyzed: see below Reported: 02/25/98
Attention: Fran Thie		

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9802B37-03 Sample Desc : LIQUID,B-1				
Ferrous Iron	mg/L	02/20/98	0.010	14

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-0290/980212-A4 Sample Descript: B-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802B37-01	Sampled: 02/12/98 Received: 02/17/98 Analyzed: 02/20/98 Reported: 02/25/98
Attention: Fran Thie		

QC Batch Number: GC022098BTEX02A
Instrument ID: GCHP2

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	94

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Client Proj. ID: Chevron 9-0290/980212-A4
Sample Descript: TB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802B37-02

Sampled: 02/12/98
Received: 02/17/98
Analyzed: 02/20/98
Reported: 02/25/98

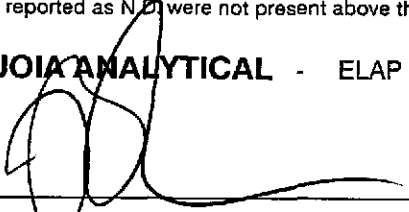
QC Batch Number: GC022098BTEX02A
Instrument ID: GCHP2

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:		N.D.
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	93

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





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

Client Project ID: Chevron 9-0290 / 980212-A4
Matrix: Liquid

Work Order #: 9802B37 -01

Reported: Mar 2, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0220986010MDA	ME0220986010MDA	ME0220986010MDA	ME0220986010MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010

Analyst:	T. Sears	T. Sears	T. Sears	T. Sears
MS/MSD #:	980220601	980220601	980220601	980220601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/20/98	2/20/98	2/20/98	2/20/98
Analyzed Date:	2/20/98	2/20/98	2/20/98	2/20/98
Instrument I.D.#:	MTJA5	MTJA5	MTJA5	MTJA5
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	1.1	1.1	1.0	1.1
MS % Recovery:	110	110	100	110
Dup. Result:	1.1	1.1	1.0	1.1
MSD % Recov.:	110	110	100	110
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-20	0-20	0-20	0-20

LCS #:	BLK022098	BLK022098	BLK022098	BLK022098
Prepared Date:	2/20/98	2/20/98	2/20/98	2/20/98
Analyzed Date:	2/20/98	2/20/98	2/20/98	2/20/98
Instrument I.D.#:	MTJA5	MTJA5	MTJA5	MTJA5
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
LCS Result:	1.1	1.1	1.1	1.1
LCS % Recov.:	110	110	110	110

MS/MSD	80-120	80-120	80-120	80-120
LCS	80-120	80-120	80-120	80-120
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

9802B37.BLA <1>





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(650) 364-9600
(510) 988-9600
(916) 921-9600

FAX (650) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

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

Client Project ID: Chevron 9-0290 / 980212-A4
Matrix: Liquid

Work Order #: 9802B37-01, 02

Reported: Mar 2, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC022098BTEX02A	GC022098BTEX02A	GC022098BTEX02A	GC022098BTEX02A	GC022098BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	C. Demartini	C. Demartini	C. Demartini	C. Demartini	C. Demartini
MS/MSD #:	980287803	980287803	980287803	980287803	980287803
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/20/98	2/20/98	2/20/98	2/20/98	2/20/98
Analyzed Date:	2/20/98	2/20/98	2/20/98	2/20/98	2/20/98
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	10	9.6	9.7	29	67
MS % Recovery:	100	96	97	97	112
Dup. Result:	9.8	9.4	9.5	28	65
MSD % Recov.:	98	94	95	93	108
RPD:	2.0	2.1	2.1	3.5	3.0
RPD Limit:	0-25	0-25	0-25	0-25	0-25

LCS #:	BLK022098	BLK022098	BLK022098	BLK022098	BLK022098
Prepared Date:	2/20/98	2/20/98	2/20/98	2/20/98	2/20/98
Analyzed Date:	2/20/98	2/20/98	2/20/98	2/20/98	2/20/98
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	10	9.6	9.7	29	66
LCS % Recov.:	100	96	97	97	110

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

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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

9802B37.BLA <2>





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-0290/980204-K2
Lab Proj. ID: 9802198

Received: 02/05/98
Reported: 03/11/98

LABORATORY NARRATIVE

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

Report revised 3/11/98.

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager



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

Chain-of-Custody-Record

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

Chevron Facility Number 9-0290
Facility Address 1802 Webster St., Alameda, CA
Consultant Project Number 980212-A4
Consultant Name Blaine Tech Services, Inc.
Address 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name) Fran Thie
(Phone) (408) 573-0555 (Fax Number) (408) 573-7771

Chevron Contact (Name) Phil Briggs
(Phone) (510) 842-9136
Laboratory Name Sequoia
Laboratory Release Number 9030595
Samples Collected by (Name) AL GRWTTA
Collection Date 02-12-98
Signature al grwtt

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analysis To Be Performed <u>980212-B37</u>												Remarks				
								PIX + TPH GUS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8140)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	MTBE								
B-7	1	3	W			Hcl	Y	X																
TB	2	2	W				Y	X																
B-1	3	1	W			Hcl	Y								X									

DO NOT BILL
FOR TB-LB

Delivered By (Signature) <u>al grwtt</u>	Organization <u>BTS</u>	Date/Time <u>2/17/98 10:15</u>	Received By (Signature) <u>Phil Briggs</u>	Organization <u></u>	Date/Time <u>2/17/98 10:25</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 6 Days 10 Days <u>As Contracted</u>
Delivered By (Signature) <u></u>	Organization <u>SA</u>	Date/Time <u>2/17/98 11:25</u>	Received By (Signature) <u></u>	Organization <u></u>	Date/Time <u></u>	
Delivered By (Signature) <u></u>	Organization <u></u>	Date/Time <u></u>	Received For Laboratory By (Signature) <u></u>	Organization <u></u>	Date/Time <u>2/17/98 10:26</u>	

PAGE 2/2

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94503
FAX (415)842-9591

Chevron Facility Number 9-0290
Facility Address 1802 Webster St., Alameda, CA
Consultant Project Number 980212-A4
Consultant Name Blaine Tech Services, Inc.
Address 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name) Fran Thie
(Phone) (408)573-0555 (Fax Number) (408)573-7771

Chevron Contact (Name) Phil Briggs
(Phone) (510) 842-9136
Laboratory Name Sequoia
Laboratory Release Number 9030595
Samples Collected by (Name) AL GERTZ
Collection Date 02-12-98
Signature [Signature]

408 573 7771

BLAINE TECH SERVICES

09:43

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Chert/soil	Type G = Grab C = Composite D = Dissolve	Time	Sample Preservation	Leak (Yes or No)	Analysis To Be Performed																
								BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (8020)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8040)	Extractable Organics (8070)	Metals PERMANENT SUBSTRATE (8020) IRON									
B-7	01	3	E			Hd	Y	X																
TB	02	2	E				Y	X																
B-1	03	1	E			Hd	Y										X							

DO NOT BILL
FOR TB-LB
9802B37
Remarks

Retrieved By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>2/17/98 10:15</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>2/17/98 10:05</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Controlled</u>
Delivered By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Requested By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)	Organization	Date/Time	

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>980212-A4</u>	Station #: <u>9-0290</u>
Sampler: <u>A1</u>	Date: <u>02-12-98</u>
Well I.D.: <u>B1</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>15.80</u>	Depth to Water: <u>3.79</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>1.2</u>	x	<u>3</u>	=	<u>5.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1538	66.0	7.4	1500		
1540	66.4	7.4	1400		
1542	66.8	7.2	1400		

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>6.0</u>
Sampling Time: <u>1549</u>	Sampling Date: <u>02-12-98</u>
Sample I.D.: <u>B1</u>	Laboratory: <u>Sequia</u> GTEL N. Creek Assoc. Labs
Analyzed for: TPH-G BTEX MTBE TPH-D <u>Other: LEAD</u>	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980212-A4	Station #: 9-0290
Sampler: AL	Date: 02-12-98
Well I.D.: B7	Well Diameter: ② 3 4 6 8
Total Well Depth: 13.81	Depth to Water: 3.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: Bailer Sampling Method: Bailer
 Disposable Bailer * Disposable Bailer x
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

Other: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1600	65.4	7.4	1200	2.0	
1602	65.8	7.0	1100	3.0	
1604	65.6	7.0	1000	5.0	

Did well dewater? Yes Gallons actually evacuated: 5.0

Sampling Time: 1608 Sampling Date: 02-12-98

Sample I.D.: B7 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 980290
Sampler: Mark	Date: 2/4/98
Well I.D.: A-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth:	Depth to Water: 3.20
Depth to Free Product: 3.16	Thickness of Free Product (feet): 0.04
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YST</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
		7.0		bailed = 100	ml

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 2/4/98

Sample I.D.: A-1 Laboratory: Sequoyia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: (EPA 319.2 Alkalinity) (EPA 300.0 Sulfate) (EPA 300.0 Nitrate) (EPA 300.7 Selenium)

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	<u>Pre-purge</u>	mg/L	<u>Post-purge</u>	mg/L
O.R.P. (if req'd):	<u>Pre-purge</u>	mV	<u>Post-purge</u>	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 9-0290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-1	Well Diameter: (2) 3 4 6 8
Total Well Depth: 153'	Depth to Water: 301
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

2	x	3	=	6	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14.48	70.1	7.0	1400	2	odor, grey slurry
14.50	69.8	6.8	1400	4	
14.53	70.2	6.8	1500	6	

Did well dewater? Yes No

Gallons actually evacuated: 6

Sampling Time: 15:02 Sampling Date: 2/4/98

Sample I.D.: B-1 Laboratory: (Sequon) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: (EPA 310.2) (EPA 300.0) (Alkalinity) (Sulfate) (Nitrate) (Ammonia) (EPA 300.0) (EPA 200.7)

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	(Pre-purge)	2.8 mg/L	(Post-purge)	2.0 mg/L
O.R.P. (if req'd):	(Pre-purge)	.19 mV	(Post-purge)	-70 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 980290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 18.04	Depth to Water: 2.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>2.5</u>	x	<u>3</u>	=	<u>7.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:37	64.1	7.2	620	2.5	
12:40	63.8	7.1	450	5.0	
12:43	63.7	7.1	460	7.5	

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Time: 12:51 Sampling Date: 2/4/98

Sample I.D.: B-5 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: (EPA 310.2) (EPA 300.0) (15.1 rate) (Sequoia) (EPA 300.0) (EPA 200.7)
Alkalinity Sulfate

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	<input checked="" type="radio"/> Pre-purge	2.1 mg/L	<input checked="" type="radio"/> Post-purge	4.0 mg/L
O.R.P. (if req'd):	<input checked="" type="radio"/> Pre-purge	45 mV	<input checked="" type="radio"/> Post-purge	48 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 9-0290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-6	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 18.56	Depth to Water: 2.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
<u>2"</u>	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>2.5</u>	X	<u>3</u>	=	<u>7.5</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:09	65.2	7.2	1400	2.5	brown turbid
12:12	69.0	7.1	1200	5.0	
12:15	63.8	7.0	1100	7.5	

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Time: 12:24 Sampling Date: 2/4/98

Sample I.D.: B-6 Laboratory: Sequon GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: (EPA 710.2) Alkalinity (EPA 700.0) Sulfate (N: Arate) (EPA 700.0) EPA 200.7

Duplicate I.D.: by 80205 Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	<u>Pre-purge</u> 1.4 mg/L	<u>Post-purge</u> 2.5 mg/L
O.R.P. (if req'd):	<u>Pre-purge</u> 34 mV	<u>Post-purge</u> 63 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 9-0290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-10	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: 10.10	Depth to Water: 2.89
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
> 2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>2.1</u>	X	<u>3</u>	=	<u>6.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:02	68.7	6.8	1400	2	odor
13:05	69.1	6.8	1500	4	
13:08	69.7	6.9	1500	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Time: 13:15 Sampling Date: 2/4/98

Sample I.D.: B-10 Laboratory: (Sequon) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: (EPA 710.2 Alkalinity) (EPA 700.0 Sulfate) (EPA 700.0 Nitrate) (EPA 700.0 Selenium)

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	<u>(Pre-purge)</u>	2.6 mg/L	<u>(Post-purge)</u>	2.0 mg/L
O.R.P. (if req'd):	<u>(Pre-purge)</u>	30 mV	<u>(Post-purge)</u>	89 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 980290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-11	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 14.57	Depth to Water: 2.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
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<u>1.9</u>	X	<u>3</u>	=	<u>5.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13.26	67.4	6.9	1200	2	odor
13.29	68.0	6.8	110	4	
13.32	68.1	6.8	860	6	

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 13.41 Sampling Date: 2/4/98

Sample I.D.: B-11 Laboratory: Sequon GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: (EPA 710.2) Alkalinity (EPA 700.0) Sulfate (No. 4002) (EPA 700.0) (EPA 700.0) (EPA 700.0)

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	<u>Pre-purge:</u>	<u>2.7</u> mg/L	<u>Post-purge:</u>	<u>3.2</u> mg/L
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O.R.P. (if req'd):	<u>Pre-purge:</u>	<u>30</u> mV	<u>Post-purge:</u>	<u>45</u> mV
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CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 9-0290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-12	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 15.13	Depth to Water: 2.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2 1/2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>2</u>	\times	<u>3</u>	$=$	<u>6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:54	68.1	6.9	920	2	odor
13:56	67.4	7.0	880	4	
13:59	67.9	7.0	860	6	

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 14:10 Sampling Date: 2/4/98

Sample I.D.: B-12 Laboratory: Sequora GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: (EPA 110.2) Alkalinity (EPA 300.0) Sulfate (N:trate) (EPA 300.0) (EPA 200.7)

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	<u>Pre-purge</u> 2.8 mg/L	<u>Post-purge</u> 1.9 mg/L
O.R.P. (if req'd):	<u>Pre-purge</u> 60 mV	<u>Post-purge</u> 45 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980204-K2	Station #: 9-0290
Sampler: Mark	Date: 2/4/98
Well I.D.: B-13	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 13.90	Depth to Water: 2.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>1.8</u>	x	<u>3</u>	=	<u>5.4</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:22	68.1	7.0	900	2	odor, brown turbid
14:25	68.3	7.0	840	4	
14:28	68.1	7.1	820	5.5	

Did well dewater? Yes No Gallons actually evacuated: 5.5

Sampling Time: 14:35 Sampling Date: 2/4/98

Sample I.D.: B-13 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: (EPA 310.2) Alkalinity (EPA 300.0) Sulfate (EPA 300.0) Nitrate (EPA 300.0) Fluoride (EPA 200.7)

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	<u>Pre-purge</u>	<u>3.5</u> mg/L	<u>Post-purge</u>	<u>3.7</u> mg/L
O.R.P. (if req'd):	<u>Pre-purge</u>	<u>51</u> mV	<u>Post-purge</u>	<u>44</u> mV