

February 26, 1997

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

Mr. Scott Seery  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, CA 94502

**Marketing - Sales West**  
Phone 510 842-9500

Re: Former Chevron Station # 9-5607, 5269 Crow Canyon Road, Castro Valley, CA  
Attached groundwater monitoring report (Blaine Tech, 1/29/97)

Dear Mr. Seery:

Please find attached a report dated January 29, 1997 that was prepared by Chevron's consultant, Blaine Tech Services, Inc. (Blaine Tech), to describe the results of groundwater monitoring that was performed at the subject site on January 9, 1997.

*why?*  
During their January site visit Blaine Tech gauged and sampled thirteen of the fourteen site-related monitoring wells. **Well C-6 was inaccessible.** Groundwater elevations were the highest measured in over ten years. The direction of groundwater flow was toward the west-southwest and was consistent with historic trends. All groundwater samples were analyzed for the presence of TPHGas, BTEX constituents, and MTBE. For the most part, the dissolved contaminant concentrations measured were consistent with previous measurements. During the fourth quarter, 1996 event benzene was detected (7.0 ppb) at downgradient well C-15. This detection was not consistent with previously established trends at this well. **In January, 2.6 ppb benzene was detected at C-15.** The most recent measurement suggests the contaminant plume is not actively migrating and instead, is relatively stable. Figures 2 and 3 in Blaine's report depict the distribution of dissolved benzene and TPHGas in groundwater, respectively.

If you have any questions or comments, I can be reached at (510) 842-8695.

Sincerely,

Brett L. Hunter  
Environmental Engineer  
Site Assessment and Remediation

Attachment

cc: Kevin Hinckley, 5269 Crow Canyon Road, Castro Valley, CA 94546  
Diane Riggs, Forest Creek Townhomes Association, c/o Walsh Property Management,  
P.O. Box 2657, Castro Valley, CA 94541  
Mike Cooke, Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411  
Kevin Graves, San Francisco Bay RWQCB, Oakland, CA (w/o attachment)  
Bette Owen, Chevron Products Company, San Ramon, CA (w/o attachment)

**BLAINE**  
TECH SERVICES, INC.



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

ENVIRONMENTAL  
PROTECTION  
97 FEB 28 PM 3:44

January 29, 1997

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

**1st Quarter 1997 Monitoring at 9-5607**

First Quarter 1997 Groundwater Monitoring at  
Chevron Service Station Number 9-5607  
5269 Crow Canyon Road  
Castro Valley, CA

Monitoring Performed on January 9, 1997

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**Groundwater Sampling Report 970109-J-1**

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

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

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

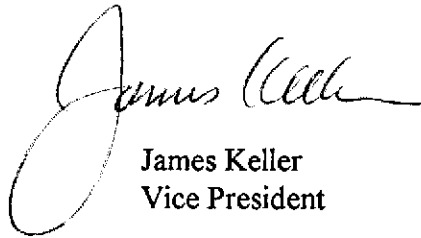
also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

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

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

Please call if you have any questions.

Yours truly,



James Keller  
Vice President

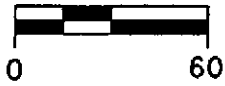
JPK/cg

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

# **Professional Engineering Appendix**

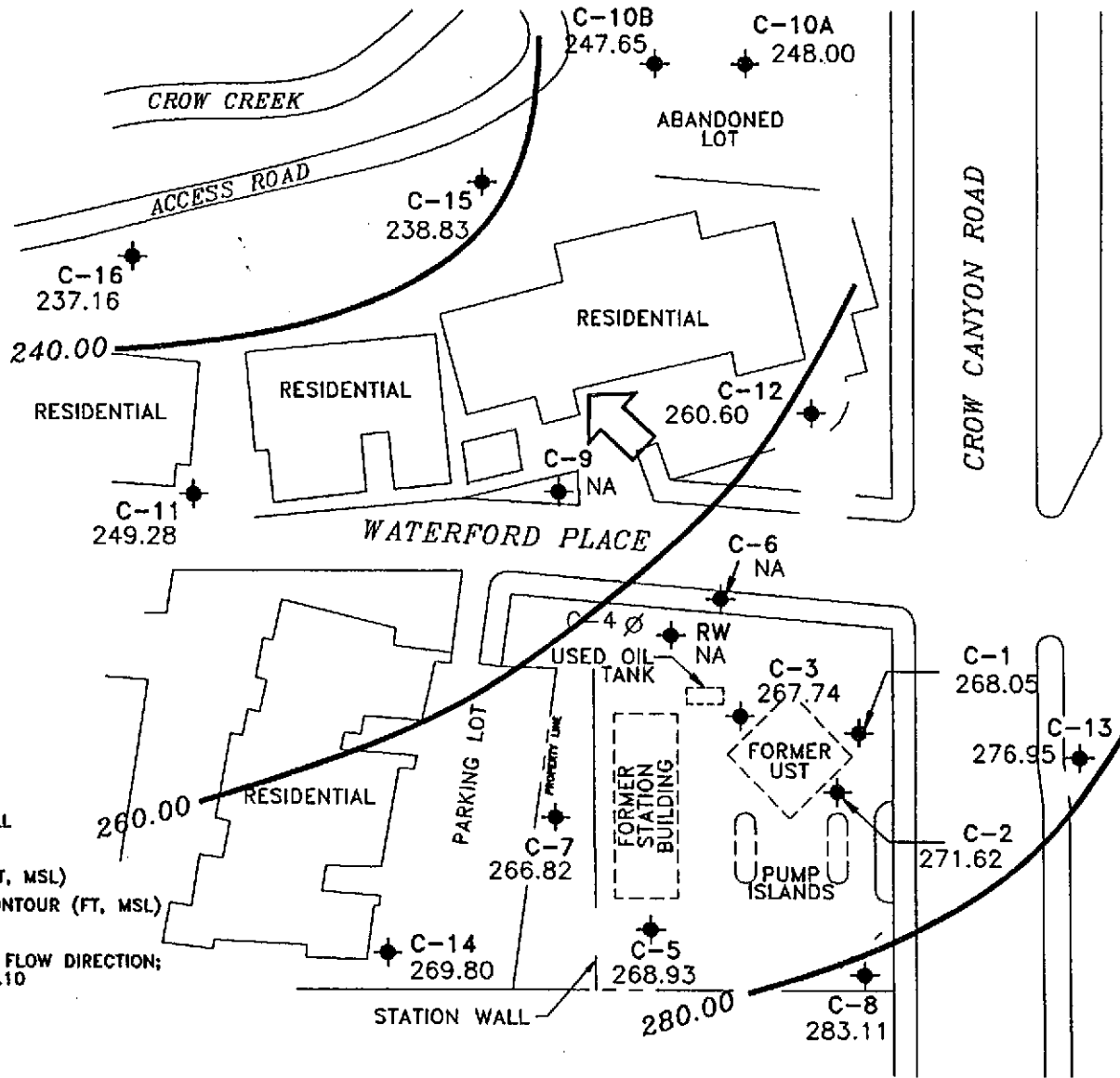


SCALE (ft)



**EXPLANATION**

- MONITORING WELL
- ABANDONED MONITORING WELL
- RECOVERY WELL
- 249.28  
 GROUNDWATER ELEVATION (FT, MSL)
- 280.00  
 GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA  
 DATA NOT AVAILABLE
- APPROXIMATE GROUNDWATER FLOW DIRECTION;  
APPROXIMATE GRADIENT = 0.10



Basemap from Cambria Environmental Technology, Inc.

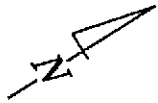
PREPARED BY

**RRM**  
engineering contracting firm

**Chevron Station 9-5607**  
5269 Crow Canyon Road  
Castro Valley, California

**GROUNDWATER ELEVATION  
CONTOUR MAP, JANUARY 9, 1997**

**FIGURE:  
1  
PROJECT:  
DAC04**



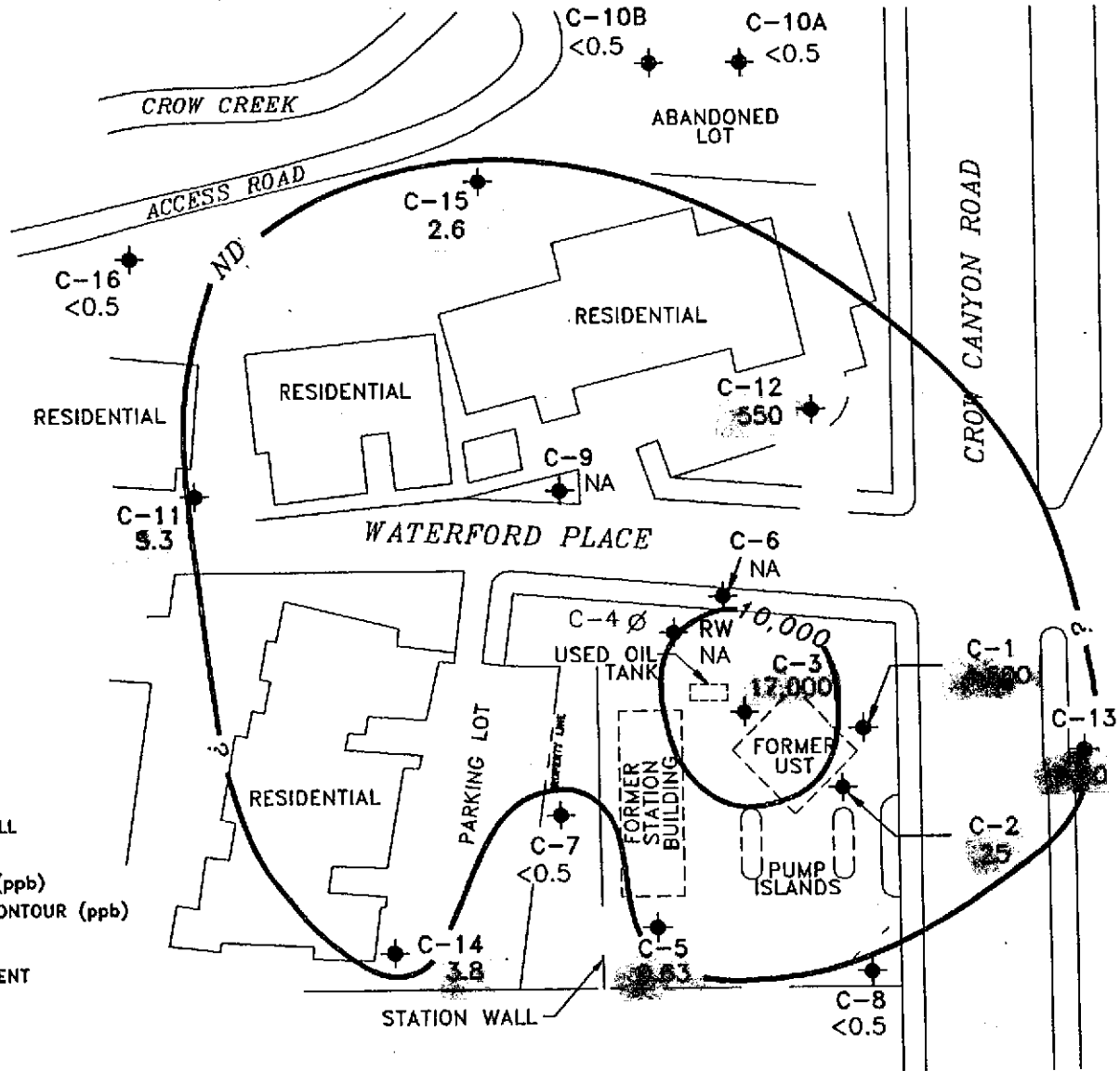
SCALE (ft)



**EXPLANATION**

- ◆ MONITORING WELL
- ◆ ABANDONED MONITORING WELL
- ◆ RECOVERY WELL
- 5.3 BENZENE CONCENTRATIONS (ppb)
- ND BENZENE CONCENTRATION CONTOUR (ppb)
- NA DATA NOT AVAILABLE

NOTE: CONTOURS BASED ON CURRENT AND HISTORIC DATA.



Basemap from Cambria Environmental Technology, Inc.

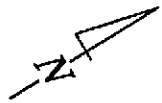
PREPARED BY

**RRM**  
engineering contracting firm

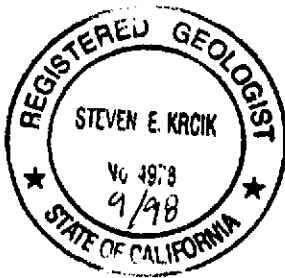
Chevron Station 9-5607  
5269 Crow Canyon Road  
Castro Valley, California

**BENZENE CONCENTRATION IN  
GROUNDWATER, JANUARY 9, 1996**

FIGURE:  
**2**  
PROJECT:  
DAC04



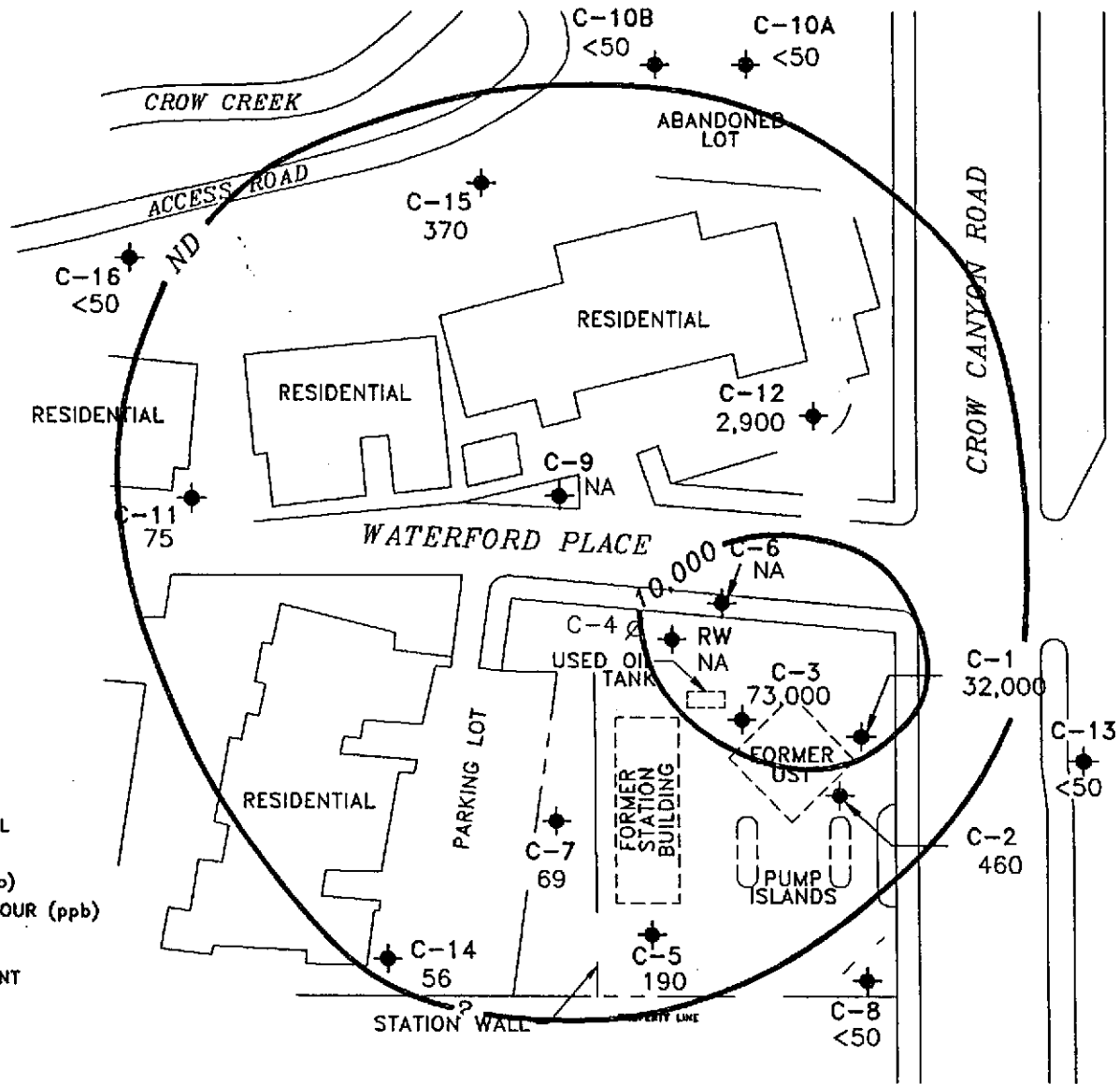
SCALE (ft)



**EXPLANATION**

- MONITORING WELL
- ABANDONED MONITORING WELL
- RECOVERY WELL
- 56 TPH-g CONCENTRATIONS (ppb)
- nd ——— TPH-g CONCENTRATION CONTOUR (ppb)
- NA DATA NOT AVAILABLE

NOTE: CONTOURS BASED ON CURRENT AND HISTORIC DATA.



Basemap from Cambrio Environmental Technology, Inc.

PREPARED BY

**RRM**  
engineering contracting firm

**Chevron Station 9-5607**  
5269 Crow Canyon Road  
Castro Valley, California

**TPH-GASOLINE CONCENTRATION IN  
GROUNDWATER, JANUARY 9, 1997**

**FIGURE:  
3  
PROJECT:  
DAC04**

**Table of  
Well Data and  
Analytical Results**



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-1</b>											
03/26/85	283.46	260.63	22.83	--	--	--	--	--	--	--	--
07/03/86	283.46	259.88	23.58	--	--	--	--	--	--	--	--
03/26/87	283.46	262.96	20.50	--	--	--	--	--	--	--	--
03/28/88	283.46	257.46	26.00	--	--	--	--	--	--	--	--
03/10/89	283.46	267.60	15.86	--	--	--	--	--	--	--	--
04/03/89	283.46	266.61	16.85	--	--	--	--	--	--	--	--
05/08/89	283.46	260.78	22.68	--	--	--	--	--	--	--	--
06/05/89	283.46	258.80	24.66	--	--	--	--	--	--	--	--
07/12/90	283.46	257.90	25.56	--	--	--	--	--	--	--	--
08/10/90	283.46	257.57	25.89	--	--	--	--	--	--	--	--
09/13/89	283.46	256.91	26.55	--	22,000	3600	1100	1000	3500	--	--
10/04/89	283.46	258.22	25.24	--	--	--	--	--	--	--	--
11/03/89	283.46	258.43	25.03	--	--	--	--	--	--	--	--
12/04/89	283.46	257.09	26.37	--	13,000	2000	550	610	1600	--	--
03/07/90	283.46	260.98	22.48	--	--	--	--	--	--	--	--
03/09/90	283.46	--	--	--	--	--	--	--	--	--	--
06/12/90	283.46	259.11	24.35	--	21,000	3500	1400	840	4000	--	--
09/20/90	283.46	257.19	26.27	--	23,000	2100	1200	860	5000	--	--
12/20/90	283.46	260.87	22.59	--	8200	760	410	260	1100	--	--
03/27/91	283.46	264.38	19.08	--	--	--	--	--	--	--	--
06/18/91	283.46	256.35	27.11	--	--	--	--	--	--	--	--
09/12/91	283.46	255.24	28.22	--	--	--	--	--	--	--	--
01/23/92	283.46	256.81	26.65	--	--	--	--	--	--	--	--
04/13/92	283.46	261.30	22.16	--	38,000	3100	1300	850	3100	--	--
08/03/92	283.46	257.31	26.15	--	13,000	1300	470	550	1600	--	ND
10/22/92	283.46	256.67	26.79	--	24,000	3500	1400	1500	4300	--	--
01/18/93	283.46	264.86	18.60	--	370,000	6900	8900	3100	23,000	--	--
04/19/93	283.46	262.34	21.12	--	51,000	8000	7000	1400	10,000	--	--
07/21,22/93	283.46	260.18	23.28	--	22,000	3400	1000	990	3100	--	--
10/25/93	283.46	258.80	24.66	--	14,000	2000	550	790	2300	--	--
01/21/94	283.46	262.99	20.47	--	1100	350	6.0	3.0	15	--	--
04/18/94	283.46	260.36	23.10	--	24,000	3200	1000	1000	3100	--	--
07/06-07/94	283.46	260.56	22.90	--	65,000	6500	4200	1600	9300	--	--
10/07/94	283.46	258.75	24.71	--	27,000	5100	1200	1400	4300	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-1(CONT'D)</b>											
01/11/95	283.46	265.16	18.30	--	29,000	1300	1200	930	4000	--	--
04/24/95	283.46	266.52	16.94	--	75,000	8900	5000	1700	8400	--	--
07/31/95	283.46	262.90	20.56	--	56,000	11,000	2600	2500	11,000	--	--
10/02/95	283.46	272.88	10.58	--	44,000	7900	1100	2100	6500	--	--
01/16/96	283.46	261.71	21.75	--	29,000	5300	460	1000	2800	<500	--
04/18/96	283.46	264.51	18.95	--	59,000	7100	3000	2000	7600	<250	--
07/22/96	283.46	262.46	21.00	--	26,000	6100	610	1800	4700	<250	--
10/10/96	283.46	261.46	22.00	--	24,000	7100	600	1700	3200	<250	--
01/09/97	283.46	268.05	15.41	--	32,000		820	1500	4000	670	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-2</b>											
03/26/85	284.37	--	--	--	--	--	--	--	--	--	--
07/03/86	284.37	264.68	19.69	--	--	--	--	--	--	--	--
03/26/87	284.37	268.92	15.45	--	--	--	--	--	--	--	--
03/28/88	284.37	263.45	20.92	--	--	--	--	--	--	--	--
03/10/89	284.37	271.57	12.80	--	--	--	--	--	--	--	--
04/03/89	284.37	270.11	14.26	--	--	--	--	--	--	--	--
05/08/89	284.37	265.95	18.42	--	--	--	--	--	--	--	--
06/05/89	284.37	264.28	20.09	--	--	--	--	--	--	--	--
07/12/90	284.37	263.58	20.79	--	--	--	--	--	--	--	--
08/10/90	284.37	262.97	21.40	--	--	--	--	--	--	--	--
09/13/89	284.37	262.51	21.86	--	320	62	4.0	10	14	--	--
10/04/89	284.37	264.48	19.89	--	--	--	--	--	--	--	--
11/03/89	284.37	263.61	20.76	--	--	--	--	--	--	--	--
12/04/89	284.37	263.55	20.82	--	1000	240	37	66	130	--	--
03/07/90	284.37	266.54	17.83	--	--	--	--	--	--	--	--
03/09/90	284.37	266.54	17.83	--	390	280	35	27	50	--	--
06/12/90	284.37	264.48	19.89	--	700	260	34	28	55	--	--
09/20/90	284.37	262.40	21.97	--	--	--	--	--	--	--	--
12/20/90	284.37	266.64	17.73	--	--	--	--	--	--	--	--
03/27/91	284.37	269.27	15.10	--	--	--	--	--	--	--	--
06/18/91	284.37	261.69	22.68	--	--	--	--	--	--	--	--
09/12/91	284.37	260.45	23.92	--	--	--	--	--	--	--	--
01/23/92	284.37	263.13	21.24	--	--	--	--	--	--	--	--
04/13/92	284.37	266.83	17.54	--	1100	120	76	17	72	--	--
08/03/92	284.37	262.32	22.05	--	--	--	--	--	--	--	--
10/22/92	284.37	261.34	23.03	--	--	--	--	--	--	--	--
01/18/93	284.37	269.51	14.86	--	70	6.4	ND	ND	ND	--	--
04/19/93	284.37	267.57	16.80	--	--	--	--	--	--	--	--
07/21,22/93	284.37	265.12	19.25	--	--	--	--	--	--	--	--
10/25/93	284.37	264.72	19.65	--	--	--	--	--	--	--	--
01/21/94	284.37	258.80	25.57	--	43,000	5100	1800	2000	6800	--	--
04/18/94	284.37	274.61	9.76	--	--	--	--	--	--	--	--
07/06-07/94	284.37	265.61	18.76	--	--	--	--	--	--	--	--
10/07/94	284.37	264.20	20.17	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-2 (CONT'D)</b>											
01/11/95	284.37	270.33	14.04	Sampled annually	780	290	9.1	19	58	--	--
04/24/95	284.37	272.03	12.34	--	--	--	--	--	--	--	--
07/31/95	284.37	266.82	17.55	--	--	--	--	--	--	--	--
10/02/95	284.37	265.39	18.98	--	--	--	--	--	--	--	--
01/16/96	284.37	268.37	16.00	--	260	29	2.9	5.7	21	6.1	--
04/18/96	284.37	270.47	13.90	--	--	--	--	--	--	--	--
07/22/96	284.37	266.63	17.74	--	--	--	--	--	--	--	--
10/10/96	284.37	265.46	18.91	--	--	--	--	--	--	--	--
01/09/97	284.37	271.62	12.75	--	460	25	15	72	24	6.3	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-3</b>											
03/26/85	285.98	--	--	--	--	--	--	--	--	--	--
07/03/86	285.98	259.94	26.04	--	--	--	--	--	--	--	--
03/26/87	285.98	260.34	25.64	--	--	--	--	--	--	--	--
03/28/88	285.98	257.16	28.82	--	--	--	--	--	--	--	--
03/10/89	285.98	263.20	22.78	--	--	--	--	--	--	--	--
04/03/89	285.98	263.27	22.71	--	--	--	--	--	--	--	--
05/08/89	285.98	260.03	25.95	--	--	--	--	--	--	--	--
06/05/89	285.98	258.36	27.62	--	--	--	--	--	--	--	--
07/12/90	285.98	257.69	28.29	--	--	--	--	--	--	--	--
08/10/90	285.98	257.52	28.46	--	--	--	--	--	--	--	--
09/13/89	285.98	256.65	29.33	--	60,000	1400	6800	2300	10,000	--	--
10/04/89	285.98	257.01	28.97	--	--	--	--	--	--	--	--
11/03/89	285.98	257.26	28.72	--	--	--	--	--	--	--	--
12/04/89	285.98	256.97	29.01	--	56,000	1300	3300	1400	2700	--	--
03/07/90	285.98	258.29	27.69	--	--	--	--	--	--	--	--
03/09/90	285.98	258.29	27.69	--	42,000	1100	5700	1600	7900	--	--
06/12/90	285.98	257.89	28.09	--	160,000	1400	7100	3400	16,000	--	--
09/24/90	285.98	256.80	29.18	--	53,000	850	7700	2000	10,000	--	--
12/20/90	285.98	257.71	28.27	--	520	1200	5400	5400	33,000	--	--
03/27/91	285.98	261.18	24.80	--	92,000	1300	3100	1200	11,000	--	--
06/18/91	285.98	255.14	30.84	--	--	--	--	--	--	--	--
09/12/91	285.98	254.34	31.64	Free Product (0.03')	--	--	--	--	--	--	--
01/23/92	285.98	255.46	30.52	Sheen	--	--	--	--	--	--	--
04/13/92	285.98	259.04	26.94	Free Product (0.01')	--	--	--	--	--	--	--
08/03/92	285.98	255.98	30.00	--	220,000	1300	2800	3100	17,000	--	ND
10/22/92	285.98	255.38	30.62	Free Product (0.03')	--	--	--	--	--	--	--
01/18/93	285.98	262.07	23.91	--	1,000,000	2400	5300	10,000	61,000	--	--
04/19/93	285.98	260.98	25.00	--	94,000	33,000	22,000	1600	9200	--	--
07/21,22/93	285.98	259.43	26.55	--	44,000	2600	5500	1300	6900	--	--
10/25/93	285.98	257.26	28.72	--	35,000	3900	2400	1100	6600	--	--
01/21/94	285.98	256.32	29.66	--	120,000	4200	2200	2000	11,000	--	--
04/18/94	285.98	259.24	26.74	--	29,000	1200	310	520	2000	--	--
07/06-07/94	285.98	259.62	26.36	--	84,000	2700	1400	1400	9700	--	--
10/07/94	285.98	257.49	28.49	--	40,000	1600	390	1200	6100	--	--

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### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-3 (CONT'D)</b>											
01/11/95	285.98	262.84	23.14	--	34,000	4200	910	720	3800	--	--
04/24/95	285.98	266.10	19.88	--	210,000	43,000	28,000	2400	13,000	--	--
07/31/95	285.98	261.30	24.68	--	110,000	33,000	17,000	2300	12,000	--	--
10/02/95	285.98	258.84	27.14	--	69,000	6700	4000	2000	11,000	--	--
01/16/96	285.98	261.60	24.38	--	40,000	2400	440	1200	5500	<500	--
04/18/96	285.98	265.31	20.67	--	66,000	26,000	17,000	2200	12,000	<1250	--
07/22/96	285.98	261.32	24.66	--	69,000	21,000	8800	1800	9900	<1000	--
10/10/96	285.98	260.75	25.23	--	53,000	12,000	2600	1900	9300	<500	--
01/09/97	285.98	267.74	18.24	--	73,000		6000	1700	7800	<1250	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-4</b>											
03/26/85	273.01	257.87	15.14	--	--	--	--	--	--	--	--
07/03/86	273.01	257.64	15.37	--	--	--	--	--	--	--	--
03/26/87	273.01	--	--	--	--	--	--	--	--	--	--
03/28/88	273.01	254.97	18.04	--	--	--	--	--	--	--	--
03/10/89	273.01	--	--	--	--	--	--	--	--	--	--
04/03/89	273.01	259.67	13.34	--	--	--	--	--	--	--	--
05/08/89	273.01	257.41	15.60	--	--	--	--	--	--	--	--
06/05/89	273.01	256.50	16.51	--	--	--	--	--	--	--	--
07/12/90	273.01	256.02	16.99	--	--	--	--	--	--	--	--
08/10/90	273.01	255.74	17.27	--	--	--	--	--	--	--	--
09/13/89	273.01	254.85	18.16	--	57,000	21,000	3100	3200	11,000	--	--
10/04/89	273.01	254.77	18.24	--	--	--	--	--	--	--	--
11/03/89	273.01	254.84	18.17	--	--	--	--	--	--	--	--
12/04/89	273.01	254.56	18.45	--	48,000	17,000	2200	2800	9800	--	--
03/07/90	273.01	255.81	17.20	--	--	--	--	--	--	--	--
03/09/90	273.01	255.81	17.20	--	43,000	20,000	2300	2800	11,000	--	--
06/12/90	273.01	256.35	16.66	--	82,000	21,000	2400	4000	16,000	--	--
09/24/90	273.01	254.90	18.11	--	--	--	--	--	--	--	--
12/20/90	273.01	--	--	Abandoned	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-5</b>											
03/26/85	287.95	262.62	25.33	--	--	--	--	--	--	--	--
07/03/86	287.95	261.54	26.41	--	--	--	--	--	--	--	--
03/26/87	287.95	262.99	24.96	--	--	--	--	--	--	--	--
03/28/88	287.95	258.15	29.80	--	--	--	--	--	--	--	--
03/10/89	287.95	262.06	25.89	--	--	--	--	--	--	--	--
04/03/89	287.95	263.57	24.38	--	--	--	--	--	--	--	--
05/08/89	287.95	260.15	27.80	--	--	--	--	--	--	--	--
06/05/89	287.95	258.53	29.42	--	--	--	--	--	--	--	--
07/12/90	287.95	258.09	29.86	--	--	--	--	--	--	--	--
08/10/90	287.95	258.18	29.77	--	--	--	--	--	--	--	--
09/13/89	287.95	257.00	30.95	--	310	ND	ND	ND	ND	--	--
10/04/89	287.95	256.47	31.48	--	--	--	--	--	--	--	--
11/03/89	287.95	256.63	31.32	--	--	--	--	--	--	--	--
12/04/89	287.95	256.25	31.70	--	ND	ND	ND	ND	ND	--	--
03/07/90	287.95	257.67	30.28	--	--	--	--	--	--	--	--
03/09/90	287.95	257.67	30.28	--	ND	ND	ND	ND	ND	--	--
06/12/90	287.95	257.47	30.48	--	90	ND	ND	ND	ND	--	--
09/24/90	287.95	256.17	31.78	--	ND	ND	ND	ND	ND	--	--
12/20/90	287.95	254.66	33.29	--	170	ND	ND	1.0	0.7	--	--
03/27/91	287.95	259.97	27.98	--	--	--	--	--	--	--	--
06/18/91	287.95	255.43	32.52	--	--	--	--	--	--	--	--
09/12/91	287.95	254.58	33.37	--	--	--	--	--	--	--	--
01/23/92	287.95	255.28	32.67	--	--	--	--	--	--	--	--
04/13/92	287.95	259.47	28.48	--	140	ND	ND	0.7	ND	--	--
08/03/92	287.95	255.45	32.50	--	ND	ND	ND	ND	ND	--	ND
10/22/92	287.95	253.97	33.98	--	--	--	--	--	--	--	--
01/18/93	287.95	260.93	27.02	--	230	6.6	2.2	3.4	2.2	--	--
04/19/93	287.95	263.14	24.81	--	--	--	--	--	--	--	--
07/21,22/93	287.95	258.89	29.06	--	130	ND	0.6	ND	ND	--	--
10/25/93	287.95	257.00	30.95	--	--	--	--	--	--	--	--
01/21/94	287.95	256.04	31.91	--	ND	ND	ND	ND	ND	--	--
04/18/94	287.95	257.80	30.15	--	--	--	--	--	--	--	--
07/06-07/94	287.95	258.91	29.04	--	ND	ND	ND	ND	ND	--	--
10/07/94	287.95	256.11	31.84	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-5 (CONT'D)</b>											
01/11/95	287.95	262.97	24.98	Sampled biannually	700	1.1	6.0	1.5	2.1	--	--
04/24/95	287.95	266.17	21.78	--	--	--	--	--	--	--	--
07/31/95	287.95	--	--	Inaccessible	--	--	--	--	--	--	--
10/02/95	287.95	257.77	30.18	--	--	--	--	--	--	--	--
01/16/96	287.95	261.23	26.72	--	200	<0.5	<0.5	<0.5	1.3	<2.5	--
04/18/96	287.95	266.15	21.80	--	--	--	--	--	--	--	--
07/22/96	287.95	--	--	Inaccessible	--	--	--	--	--	--	--
10/10/96	287.95	261.17	26.78	--	--	--	--	--	--	--	--
01/09/97	287.95	268.93	19.02	--	190	--	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-6</b>											
03/26/85	--	--	16.74	--	--	--	--	--	--	--	--
07/03/86	275.28	257.82	17.46	--	--	--	--	--	--	--	--
03/26/87	275.28	256.91	18.37	--	--	--	--	--	--	--	--
03/28/88	275.28	245.44	29.84	--	--	--	--	--	--	--	--
03/10/89	275.28	260.84	14.44	--	--	--	--	--	--	--	--
04/03/89	275.28	260.84	14.44	--	--	--	--	--	--	--	--
05/08/89	275.28	258.12	17.16	--	--	--	--	--	--	--	--
06/05/89	275.28	256.77	18.51	--	--	--	--	--	--	--	--
07/12/90	275.28	256.57	18.71	--	--	--	--	--	--	--	--
08/10/90	275.28	255.96	19.32	--	--	--	--	--	--	--	--
09/13/89	275.28	255.33	19.95	--	47	5600	3000	2400	10,000	--	--
10/04/89	275.28	255.41	19.87	--	--	--	--	--	--	--	--
11/03/89	275.28	255.93	19.35	--	--	--	--	--	--	--	--
12/04/89	275.28	255.69	19.59	--	40,000	8100	1800	1700	7500	--	--
03/07/90	275.28	256.89	18.39	--	--	--	--	--	--	--	--
03/09/90	275.28	256.89	18.39	--	73,000	23,000	5900	3400	17,000	--	--
06/12/90	275.28	256.41	18.87	--	85,000	19,000	6500	3400	16,000	--	--
09/24/90	275.28	255.29	19.99	--	72,000	15,000	3200	2600	11,000	--	--
12/20/90	275.28	253.71	21.57	--	100,000	11,000	4200	3400	16,000	--	--
03/27/91	275.28	258.96	16.32	--	100,000	11,000	4400	2300	11,000	--	--
06/18/91	275.28	251.95	23.33	--	--	--	--	--	--	--	--
09/12/91	275.28	251.32	23.96	--	--	--	--	--	--	--	--
01/23/92	275.28	263.20	12.08	--	--	--	--	--	--	--	--
04/13/92	275.28	255.43	19.85	Sheen	--	--	--	--	--	--	--
08/03/92	275.28	260.56	14.72	--	120,000	16,000	1100	2300	15,000	--	ND
10/22/92	275.28	260.37	14.91	--	63,000	7400	920	1800	14,000	--	--
01/18/93	275.28	259.84	15.44	--	77,000	13,000	1600	2700	12,000	--	--
04/19/93	275.28	266.03	9.25	--	56,000	14,000	1100	2400	9100	--	--
07/21,22/93	275.28	257.93	17.35	--	38,000	6600	610	1500	5800	--	--
10/25/93	275.28	254.25	21.03	--	42,000	11,000	800	2200	8200	--	--
01/21/94	275.28	253.71	21.57	--	57,000	11,000	940	2300	9800	--	--
04/18/94	275.28	257.17	18.11	--	48,000	9800	830	1900	7500	--	--
07/06-07/94	275.28	258.28	17.00	--	46,000	6800	610	900	6200	--	--
10/07/94	275.28	256.09	19.19	--	35,000	5900	410	1400	3800	--	--

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### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-6 (CONT'D)</b>											
01/11/95	275.28	256.64	18.64	--	54,000	1200	1100	2100	9500	--	--
04/24/95	275.28	262.72	12.56	--	81,000	12,000	1500	2400	9900	--	--
07/31/95	275.28	259.54	15.74	--	75,000	12,000	1200	2800	11,000	--	--
10/02/95	275.28	257.56	17.72	--	59,000	13,000	990	2800	10,000	--	--
01/16/96	275.28	259.81	15.47	--	63,000	10,000	650	2200	7500	<500	--
04/18/96	275.28	259.33	15.95	--	56,000	9800	590	1500	5800	660	--
07/22/96	275.28	--	--	Inaccessible	--	--	--	--	--	--	--
10/10/96	275.28	--	--	Inaccessible	--	--	--	--	--	--	--
01/09/97	275.28	--	--	Inaccessible	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-7</b>											
03/26/85	--	--	9.61	--	--	--	--	--	--	--	--
07/03/86	270.70	259.96	10.74	--	--	--	--	--	--	--	--
03/26/87	270.70	260.62	10.08	--	--	--	--	--	--	--	--
03/28/88	270.70	256.91	13.79	--	--	--	--	--	--	--	--
03/10/89	270.70	260.28	10.42	--	--	--	--	--	--	--	--
04/03/89	270.70	261.56	9.14	--	--	--	--	--	--	--	--
05/08/89	270.70	258.79	11.91	--	--	--	--	--	--	--	--
06/05/89	270.70	259.16	11.54	--	--	--	--	--	--	--	--
07/12/90	270.70	257.25	13.45	--	--	--	--	--	--	--	--
08/10/90	270.70	257.33	13.37	--	--	--	--	--	--	--	--
09/13/89	270.70	256.10	14.60	--	410	1.3	ND	10	ND	--	--
10/04/89	270.70	255.53	15.17	--	--	--	--	--	--	--	--
11/03/89	270.70	255.42	15.28	--	--	--	--	--	--	--	--
12/04/89	270.70	255.00	15.70	--	1000	1.0	ND	5.0	ND	--	--
03/07/90	270.70	256.48	14.22	--	--	--	--	--	--	--	--
03/09/90	270.70	256.48	14.22	--	590	2.8	2.4	3.5	2.0	--	--
06/12/90	270.70	256.52	14.18	--	1200	ND	5	8.2	3.2	--	--
09/24/90	270.70	255.26	15.44	Sheen	400	1.4	1.9	1.4	2.2	--	--
09/24/90	270.70	255.26	15.44	Duplicate	580	ND	2.4	1.4	1.5	--	--
12/20/90	270.70	253.62	17.08	--	2300	ND	6.5	4.7	9.3	--	--
03/27/91	270.70	258.05	12.65	--	980	ND	2.4	9.1	3.0	--	--
06/18/91	270.70	254.26	16.44	--	--	--	--	--	--	--	--
09/12/91	270.70	253.65	17.05	--	1200	ND	3.1	6.5	2.7	--	--
01/23/92	270.70	253.78	16.92	--	--	--	--	--	--	--	--
04/13/92	270.70	257.70	13.00	--	830	ND	1.0	7.8	1.2	--	--
08/03/92	270.70	--	--	--	--	--	--	--	--	--	--
10/22/92	270.70	--	--	Could not locate	--	--	--	--	--	--	--
01/18/93	270.70	--	--	Could not locate	--	--	--	--	--	--	--
04/19/93	270.70	--	--	Could not locate	--	--	--	--	--	--	--
07/21,22/93	270.70	257.76	12.94	--	890	0.9	3.0	4.0	4.0	--	--
10/25/93	270.70	255.87	14.83	--	--	--	--	--	--	--	--

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### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-7 (CONT'D)</b>											
01/21/94	270.70	254.76	15.94	--	660	ND	6.0	1.0	3.0	--	--
04/18/94	270.70	255.72	14.98	--	--	--	--	--	--	--	--
07/06-07/94	270.70	257.76	12.94	--	960	ND	5.8	4.2	8.2	--	--
10/07/94	270.70	254.87	15.83	--	--	--	--	--	--	--	--
01/11/95	270.70	261.45	9.25	Sampled biannually	900	<0.5	<0.5	2.3	1.3	--	--
04/24/95	270.70	264.00	6.70	--	--	--	--	--	--	--	--
07/31/95	270.70	259.46	11.24	--	690	<1.2	<1.2	<1.2	<1.2	--	--
10/02/95	270.70	256.68	14.02	--	--	--	--	--	--	--	--
01/16/96	270.70	259.48	11.22	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	270.70	264.05	6.65	--	--	--	--	--	--	--	--
07/22/96	270.70	259.60	11.10	--	360	4.4	2.0	<0.5	<0.5	17	--
10/10/96	270.70	259.35	11.35	--	--	--	--	--	--	--	--
01/09/97	270.70	266.82	3.88	--	69	<0.5	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-8</b>											
03/26/85	--	--	8.68	--	--	--	--	--	--	--	--
07/03/86	288.40	274.51	13.89	--	--	--	--	--	--	--	--
03/26/87	288.40	282.39	6.01	--	--	--	--	--	--	--	--
03/28/88	288.40	277.74	10.66	--	--	--	--	--	--	--	--
03/10/89	288.40	281.79	6.61	--	--	--	--	--	--	--	--
04/03/89	288.40	281.94	6.46	--	--	--	--	--	--	--	--
05/08/89	288.40	279.43	8.97	--	--	--	--	--	--	--	--
06/05/89	288.40	277.52	10.88	--	--	--	--	--	--	--	--
07/12/90	288.40	276.25	12.15	--	--	--	--	--	--	--	--
08/10/90	288.40	275.94	12.46	--	--	--	--	--	--	--	--
09/13/89	288.40	275.62	12.78	--	ND	ND	ND	ND	ND	--	--
10/04/89	288.40	275.89	12.51	--	--	--	--	--	--	--	--
11/03/89	288.40	273.77	14.63	--	--	--	--	--	--	--	--
12/04/89	288.40	278.81	9.59	--	64	0.6	0.6	ND	1.0	--	--
03/07/90	288.40	279.60	8.80	--	--	--	--	--	--	--	--
03/09/90	288.40	279.60	8.80	--	ND	ND	ND	ND	ND	--	--
06/12/90	288.40	279.46	8.94	--	120	2.5	1.2	1.0	1.4	--	--
09/24/90	288.40	274.86	13.54	--	--	--	--	--	--	--	--
12/20/90	288.40	279.07	9.33	--	--	--	--	--	--	--	--
03/27/91	288.40	282.30	6.10	--	54	0.7	ND	0.7	1.9	--	--
06/18/91	288.40	276.44	11.96	--	--	--	--	--	--	--	--
09/12/91	288.40	274.80	13.60	--	ND	ND	ND	ND	ND	--	--
09/12/91	288.40	274.80	13.60	Duplicate	ND	ND	ND	ND	ND	--	--
01/23/92	288.40	264.20	24.20	--	--	--	--	--	--	--	--
04/13/92	288.40	280.05	8.35	--	ND	ND	ND	ND	ND	--	--
08/03/92	288.40	275.82	12.58	--	ND	ND	ND	ND	ND	--	ND
10/22/92	288.40	275.30	13.10	--	ND	ND	ND	ND	ND	--	--
01/18/93	288.40	282.28	6.12	--	ND	ND	ND	ND	ND	--	--
04/19/93	288.40	281.35	7.05	--	ND	ND	ND	ND	ND	--	--
07/21,22/93	288.40	277.05	11.35	--	ND	ND	ND	ND	ND	--	--
10/25/93	288.40	275.55	12.85	--	ND	ND	ND	ND	ND	--	--

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### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-8 (CONT'D)</b>											
01/21/94	288.40	277.85	10.55	--	ND	ND	ND	ND	ND	--	--
04/18/94	288.40	278.89	9.51	--	ND	1.2	0.9	ND	1.6	--	--
07/06-07/94	288.40	277.02	11.38	--	ND	ND	ND	ND	ND	--	--
10/07/94	288.40	275.48	12.92	--	ND	ND	ND	ND	ND	--	--
01/11/95	288.40	283.04	5.36	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	288.40	281.82	6.58	--	<50	<0.5	0.61	<0.5	0.51	--	--
07/31/95	288.40	278.94	9.46	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	288.40	276.56	11.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	288.40	281.40	7.00	--	<50	<0.5	<0.5	<0.5	<0.5	5.4	--
04/18/96	288.40	281.77	6.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/96	288.40	280.49	7.91	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	288.40	279.71	8.69	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/09/97	288.40	283.11	5.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-9</b>											
07/03/86	268.46	254.57	13.89	--	--	--	--	--	--	--	--
03/26/87	268.46	254.72	13.74	--	--	--	--	--	--	--	--
03/28/88	268.46	253.47	14.99	--	--	--	--	--	--	--	--
03/10/89	268.46	255.07	13.39	--	--	--	--	--	--	--	--
04/03/89	268.46	255.62	12.84	--	--	--	--	--	--	--	--
05/08/89	268.46	254.08	14.38	--	--	--	--	--	--	--	--
06/05/89	268.46	253.10	15.36	--	--	--	--	--	--	--	--
07/12/90	268.46	252.81	15.65	--	--	--	--	--	--	--	--
08/10/90	268.46	252.66	15.80	--	--	--	--	--	--	--	--
09/13/89	268.46	251.93	16.53	--	42,000	14,000	1100	2800	4200	--	--
10/04/89	268.46	251.94	16.52	--	--	--	--	--	--	--	--
11/03/89	268.46	251.95	16.51	--	--	--	--	--	--	--	--
12/04/89	268.46	251.67	16.79	--	36,000	11,000	670	2500	3800	--	--
03/07/90	268.46	252.24	16.22	--	--	--	--	--	--	--	--
03/09/90	268.46	252.24	16.22	--	28,000	12,000	940	3000	4700	--	--
06/12/90	268.46	253.58	14.88	--	39,000	11,000	1600	2300	4800	--	--
09/24/90	268.46	252.16	16.30	--	120,000	13,000	1600	3700	6800	--	--
12/20/90	268.46	251.23	17.23	--	51,000	9300	560	2800	3300	--	--
12/20/90	268.46	251.23	17.23	Duplicate	44,000	12,000	580	2800	3500	--	--
03/27/91	268.46	254.68	13.78	--	56,000	3400	5000	1600	5600	--	--
06/18/91	268.46	249.82	18.64	--	--	--	--	--	--	--	--
09/12/91	268.46	--	--	Inaccessible	--	--	--	--	--	--	--
10/24/95	268.46	250.39	18.07	--	30,000	7200	440	2500	1600	--	--
01/16/96	268.46	252.18	16.28	--	36,000	8200	700	2500	2100	<500	--

NO LONGER MONITORED OR SAMPLED

*why?*



### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-10A</b>											
03/07/90	264.84	244.63	20.21	--	--	--	--	--	--	--	--
03/09/90	264.84	--	--	--	ND	1.6	0.7	0.8	3.5	--	--
06/12/90	264.84	245.14	19.70	--	ND	ND	ND	ND	ND	--	--
09/24/90	264.84	245.30	19.54	--	ND	ND	ND	ND	ND	--	--
12/20/90	264.84	245.00	19.84	--	ND	ND	ND	ND	ND	--	--
03/27/91	264.84	246.83	18.01	--	--	--	--	--	--	--	--
06/18/91	264.84	244.68	20.16	--	ND	ND	ND	ND	ND	--	--
09/12/91	264.84	244.27	20.57	--	ND	ND	ND	ND	ND	--	--
01/23/92	264.84	244.17	20.67	--	ND	ND	ND	ND	ND	--	--
04/13/92	264.84	245.44	19.40	--	53	0.9	1.3	ND	1.0	--	--
08/03/92	264.84	245.03	19.81	--	ND	ND	ND	ND	ND	--	ND
10/22/92	264.84	245.01	19.83	--	ND	ND	ND	ND	0.5	--	--
01/18/93	264.84	247.80	17.04	--	ND	ND	ND	ND	ND	--	--
04/19/93	264.84	247.07	17.77	--	ND	ND	ND	ND	ND	--	--
04/19/93	264.84	247.28	17.56	--	ND	ND	ND	ND	ND	--	--
10/25/93	264.84	247.07	17.77	--	ND	ND	ND	ND	ND	--	--
01/21/94	264.84	246.93	17.91	--	ND	ND	ND	ND	ND	--	--
04/18/94	264.84	247.81	17.03	--	ND	3.0	3.0	1.4	5.5	--	--
07/06-07/94	264.84	248.06	16.78	--	ND	ND	ND	ND	ND	--	--
10/07/94	264.84	247.63	17.21	--	ND	ND	ND	ND	ND	--	--
01/11/95	264.84	248.78	16.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	264.84	248.32	16.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	264.84	245.82	19.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	264.84	245.14	19.70	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	264.84	246.21	18.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	264.84	247.19	17.65	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/96	264.84	245.99	18.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	264.84	245.40	19.44	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/09/97	264.84	248.00	16.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-10B</b>											
03/07/90	264.85	243.41	21.44	--	--	--	--	--	--	--	--
06/12/90	264.85	244.91	19.94	--	ND	ND	ND	ND	ND	--	--
09/24/90	264.85	245.08	19.77	--	ND	ND	ND	ND	ND	--	--
12/20/90	264.85	244.85	20.00	--	ND	ND	ND	ND	ND	--	--
03/27/91	264.85	246.62	18.23	--	--	--	--	--	--	--	--
06/18/91	264.85	244.41	20.44	--	--	--	--	--	--	--	--
09/12/91	264.85	244.03	20.82	--	ND	ND	ND	ND	ND	--	--
01/23/92	264.85	243.93	20.92	--	ND	ND	ND	ND	ND	--	--
04/13/92	264.85	245.17	19.68	--	ND	ND	ND	ND	ND	--	--
08/03/92	264.85	244.78	20.07	--	ND	ND	ND	ND	ND	--	ND
10/22/92	264.85	244.73	20.12	--	ND	ND	ND	ND	ND	--	--
01/18/93	264.85	247.49	17.36	--	60	3.3	11	2.1	8.9	--	--
04/19/93	264.85	246.95	17.90	--	ND	ND	ND	ND	ND	--	--
07/21,22/93	264.85	246.99	17.86	--	ND	ND	ND	ND	ND	--	--
10/25/93	264.85	246.75	18.10	--	ND	ND	ND	ND	ND	--	--
01/21/94	264.85	246.62	18.23	--	ND	ND	ND	ND	ND	--	--
04/18/94	264.85	247.49	17.36	--	ND	ND	ND	ND	0.5	--	--
07/06-07/94	264.85	247.80	17.05	--	ND	ND	ND	ND	ND	--	--
10/07/94	264.85	247.31	17.54	--	ND	ND	ND	ND	ND	--	--
01/11/95	264.85	248.61	16.24	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	264.85	247.95	16.90	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	264.85	245.57	19.28	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	264.85	244.91	19.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	264.85	246.25	18.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	264.85	246.87	17.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/96	264.85	245.75	19.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	264.85	245.14	19.71	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/09/97	264.85	247.65	17.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-11</b>											
03/07/90	265.30	242.56	22.74	--	--	--	--	--	--	--	--
03/09/90	265.30	--	--	--	ND	1.2	0.7	ND	1.4	--	--
06/12/90	265.30	243.32	21.98	--	ND	ND	ND	ND	ND	--	--
09/24/90	265.30	243.42	21.88	--	ND	ND	ND	ND	ND	--	--
12/20/90	265.30	242.12	23.18	--	ND	ND	ND	ND	ND	--	--
03/27/91	265.30	243.78	21.52	--	ND	ND	ND	ND	1.5	--	--
06/18/91	265.30	243.40	21.90	--	--	--	--	--	--	--	--
09/12/91	265.30	242.60	22.70	--	ND	ND	ND	ND	ND	--	--
01/23/92	265.30	241.84	23.46	--	ND	ND	ND	ND	ND	--	--
04/13/92	265.30	243.73	21.57	--	ND	ND	ND	ND	ND	--	--
08/03/92	265.30	242.63	22.67	--	ND	ND	ND	ND	ND	--	ND
10/22/92	265.30	242.01	23.29	--	ND	ND	ND	ND	ND	--	--
01/18/93	265.30	243.94	21.36	--	ND	ND	1.2	ND	2.2	--	--
04/19/93	265.30	245.33	19.97	--	ND	ND	ND	ND	ND	--	--
07/21,22/93	265.30	244.65	20.65	--	ND	ND	ND	ND	ND	--	--
10/25/93	265.30	244.55	20.75	--	ND	ND	ND	ND	ND	--	--
01/21/94	265.30	243.69	21.61	--	ND	ND	ND	ND	ND	--	--
04/18/94	265.30	244.52	20.78	--	ND	ND	ND	ND	ND	--	--
07/06-07/94	265.30	244.88	20.42	--	ND	ND	ND	ND	ND	--	--
10/07/94	265.30	243.70	21.60	--	ND	ND	ND	ND	ND	--	--
01/11/95	265.30	245.28	20.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	265.30	247.58	17.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	265.30	246.12	19.18	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	265.30	244.88	20.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	265.30	245.48	19.82	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	265.30	248.30	17.00	--	260	ND	6.9	5.3	23	11	--
07/22/96	265.30	248.40	16.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	265.30	245.74	19.56	--	130	ND	2.7	4.3	14	3.4	--
01/09/97	265.30	249.28	16.02	--	75	ND	6.4	2.0	9.0	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-12</b>											
03/07/90	269.66	254.74	14.92	--	--	--	--	--	--	--	--
03/09/90	269.66	--	--	--	1400	230	140	33	180	--	--
06/12/90	269.66	254.87	14.79	--	720	190	71	18	73	--	--
09/24/90	269.66	253.94	15.72	--	ND	1.1	ND	ND	0.6	--	--
12/20/90	269.66	254.40	15.26	--	810	210	26	8.2	23	--	--
03/27/91	269.66	257.55	12.11	--	2900	350	220	52	210	--	--
06/18/91	269.66	253.28	16.38	--	--	--	--	--	--	--	--
09/12/91	269.66	252.11	17.55	--	350	59	12	4.5	8.5	--	--
01/23/92	269.66	252.55	17.11	--	450	110	31	7.9	22	--	--
04/13/92	269.66	255.26	14.40	--	5000	1100	76	100	200	--	--
08/03/92	269.66	253.83	15.83	--	520	200	21	13	25	--	ND
10/22/92	269.66	253.52	16.14	--	1300	310	66	35	56	--	--
01/18/93	269.66	257.96	11.70	--	5600	1200	430	220	610	--	--
04/19/93	269.66	256.61	13.05	--	2000	600	99	96	170	--	--
07/21,22/93	269.66	256.82	12.84	--	540	95	36	18	56	--	--
10/25/93	269.66	255.63	14.03	--	350	90	29	20	50	--	--
01/21/94	269.66	255.51	14.15	--	450	73	18	14	37	--	--
04/18/94	269.66	256.71	12.95	--	370	70	21	12	39	--	--
07/06-07/94	269.66	257.35	12.31	--	840	200	35	28	66	--	--
10/07/94	269.66	256.31	13.35	--	830	85	29	17	63	--	--
01/11/95	269.66	258.43	11.23	--	2100	570	190	98	390	--	--
04/24/95	269.66	259.34	10.32	--	820	120	28	23	61	--	--
07/31/95	269.66	256.92	12.74	--	520	79	13	16	42	--	--
10/02/95	269.66	255.26	14.40	--	400	50	5.3	11	29	--	--
01/16/96	269.66	256.94	12.72	--	1900	490	32	60	120	<25	--
04/18/96	269.66	258.91	10.75	--	2900	640	54	100	190	68	--
07/22/96	269.66	256.46	13.20	--	730	150	13	26	75	9.5	--
10/10/96	269.66	255.95	13.71	--	270	58	4.4	7.7	31	<2.5	--
01/09/97	269.66	260.60	9.06	--	2900	58	67	94	300	63	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-13</b>											
03/07/90	284.32	273.14	11.18	--	--	--	--	--	--	--	--
03/09/90	284.32	--	--	--	ND	15	3.7	1.0	6.2	--	--
06/12/90	284.32	273.62	10.70	--	ND	2.6	ND	ND	ND	--	--
09/24/90	284.32	272.72	11.60	--	ND	2.4	ND	ND	ND	--	--
12/20/90	284.32	274.16	10.16	--	ND	1.6	ND	ND	ND	--	--
03/27/91	284.32	276.68	7.64	--	--	--	--	--	--	--	--
06/18/91	284.32	273.00	11.32	--	--	--	--	--	--	--	--
09/12/91	284.32	272.48	11.84	--	ND	ND	ND	ND	ND	--	--
01/23/92	284.32	273.77	10.55	--	--	--	--	--	--	--	--
04/13/92	284.32	273.36	10.96	--	ND	1.0	ND	ND	ND	--	--
08/03/92	284.32	273.42	10.90	--	ND	ND	ND	ND	ND	--	ND
10/22/92	284.32	273.14	11.18	--	--	--	--	--	--	--	--
01/18/93	284.32	276.92	7.40	--	290	54	10	5.4	12	--	--
04/19/93	284.32	275.39	8.93	--	--	--	--	--	--	--	--
07/21,22/93	284.32	273.57	10.75	--	ND	ND	ND	ND	ND	--	--
10/25/93	284.32	273.47	10.85	--	--	--	--	--	--	--	--
01/21/94	284.32	273.27	11.05	--	ND	ND	ND	ND	ND	--	--
04/18/94	284.32	273.61	10.71	--	--	--	--	--	--	--	--
07/06-07/94	284.32	273.67	10.65	--	ND	0.5	ND	ND	ND	--	--
10/07/94	284.32	273.24	11.08	--	--	--	--	--	--	--	--
01/11/95	284.32	278.94	5.38	Sampled bi-annually	120	15	<0.5	3.1	2.7	--	--
04/24/95	284.32	276.54	7.78	--	--	--	--	--	--	--	--
07/31/95	284.32	274.38	9.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	284.32	273.74	10.58	--	--	--	--	--	--	--	--
01/16/96	284.32	274.52	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	284.32	276.57	7.75	--	--	--	--	--	--	--	--
07/22/96	284.32	274.82	9.50	--	59	18	<0.5	1.0	<0.5	<2.5	--
10/10/96	284.32	273.63	10.69	--	--	--	--	--	--	--	--
01/09/97	284.32	276.95	7.37	--	<50	0.5	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-14</b>											
03/07/90	270.74	255.56	15.18	--	--	--	--	--	--	--	--
03/09/90	270.74	--	--	--	ND	ND	ND	ND	ND	--	--
06/12/90	270.74	257.32	13.42	--	ND	ND	ND	ND	ND	--	--
09/24/90	270.74	257.90	12.84	--	ND	ND	ND	ND	ND	--	--
12/20/90	270.74	254.02	16.72	--	ND	1.7	0.7	ND	0.7	--	--
03/27/91	270.74	262.74	8.00	--	ND	ND	ND	ND	1.3	--	--
06/18/91	270.74	255.53	15.21	--	--	--	--	--	--	--	--
09/12/91	270.74	255.13	15.61	--	ND	ND	ND	ND	ND	--	--
01/23/92	270.74	246.10	24.64	--	--	--	--	--	--	--	--
04/13/92	270.74	258.53	12.21	--	ND	ND	ND	ND	ND	--	--
08/03/92	270.74	256.10	14.64	--	ND	ND	ND	ND	ND	--	ND
10/22/92	270.74	253.80	16.94	--	--	--	--	--	--	--	--
01/18/93	270.74	265.64	5.10	--	ND	ND	ND	ND	ND	--	--
04/19/93	270.74	263.86	6.88	--	--	--	--	--	--	--	--
07/21,22/93	270.74	259.58	11.16	--	ND	ND	ND	ND	ND	--	--
10/25/93	270.74	256.87	13.87	--	--	--	--	--	--	--	--
01/21/94	270.74	255.42	15.32	--	ND	ND	ND	ND	ND	--	--
04/18/94	270.74	254.85	15.89	--	--	--	--	--	--	--	--
07/06-07/94	270.74	258.66	12.08	--	ND	ND	ND	ND	ND	--	--
10/07/94	270.74	255.45	15.29	--	--	--	--	--	--	--	--
01/11/95	270.74	266.94	3.80	Sampled bi-annually	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	270.74	265.68	5.06	--	--	--	--	--	--	--	--
07/31/95	270.74	260.34	10.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	270.74	257.20	13.54	--	--	--	--	--	--	--	--
01/16/96	270.74	259.62	11.12	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	270.74	265.78	4.96	--	--	--	--	--	--	--	--
07/22/96	270.74	259.89	10.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	270.74	261.44	9.30	--	--	--	--	--	--	--	--
01/09/97	270.74	269.80	0.94	--	56		4.2	1.1	5.0	<2.5	--

### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-15</b>											
03/07/90	246.15	235.05	11.10	--	--	--	--	--	--	--	--
03/09/90	246.15	--	--	--	410	ND	1.4	0.5	0.6	--	--
06/12/90	246.15	235.37	10.78	--	420	11	ND	ND	ND	--	--
09/24/90	246.15	235.22	10.93	--	430	ND	1.5	ND	ND	--	--
12/20/90	246.15	235.07	11.08	--	300	1.3	1.1	0.6	1.5	--	--
03/27/91	246.15	237.65	8.50	--	520	4.6	1.1	ND	1.0	--	--
06/18/91	246.15	235.32	10.83	--	290	ND	1.1	ND	ND	--	--
06/18/91	246.15	235.32	10.83	Duplicate	320	ND	1.3	ND	ND	--	--
09/12/91	246.15	235.10	11.05	--	330	ND	0.9	ND	ND	--	--
01/23/92	246.15	235.35	10.80	--	210	ND	0.6	ND	ND	--	--
01/23/92	246.15	235.35	10.80	Duplicate	190	1.2	0.8	ND	ND	--	--
04/13/92	246.15	236.57	9.58	--	430	1.8	ND	ND	ND	--	--
08/03/92	246.15	234.94	11.21	--	640	ND	2.1	0.7	1.3	--	ND
10/22/92	246.15	234.50	11.65	--	420	ND	ND	ND	0.8	--	--
01/18/93	246.15	239.03	7.12	--	640	7.0	3.0	2.9	6.7	--	--
04/19/93	246.15	237.22	8.93	--	260	6.0	2.0	0.7	ND	--	--
07/21,22/93	246.15	236.37	9.78	--	580	ND	8.0	ND	0.6	--	--
10/25/93	246.15	236.41	9.74	--	240	ND	12.0	ND	0.6	--	--
01/21/94	246.15	235.78	10.37	--	420	0.6	ND	0.6	ND	--	--
04/18/94	246.15	236.19	9.96	--	550	1.0	4.6	0.6	ND	--	--
07/06-07/94	246.15	235.92	10.23	--	660	0.7	ND	ND	0.7	--	--
10/07/94	246.15	235.47	10.68	--	440	13	0.8	ND	1.2	--	--
01/11/95	246.15	238.84	7.31	--	750	2.5	<0.5	<0.5	0.6	--	--
04/24/95	246.15	237.41	8.74	--	850	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	246.15	235.41	10.74	--	640	<0.5	1.6	<0.5	<0.5	--	--
10/02/95	246.15	234.83	11.32	--	560	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	246.15	235.58	10.57	--	740	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	246.15	237.55	8.60	--	760	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/96	246.15	235.57	10.58	--	690	<0.5	1.6	<0.5	<0.5	7.9	--
10/10/96	246.15	234.97	11.18	--	870		2.1	<0.5	<0.5	11	--
01/09/97	246.15	238.83	7.32	--	370		1.1	<0.5	<0.5	4.6	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>C-16</b>											
03/07/90	246.69	228.19	18.50	--	--	--	--	--	--	--	--
03/09/90	246.69	--	--	--	ND	ND	ND	ND	ND	--	--
06/12/90	246.69	235.27	11.42	--	ND	ND	ND	ND	ND	--	--
09/24/90	246.69	235.30	11.39	--	ND	ND	ND	ND	ND	--	--
12/20/90	246.69	235.12	11.57	--	ND	ND	ND	ND	0.7	--	--
03/27/91	246.69	237.93	8.76	--	ND	ND	ND	ND	1.3	--	--
03/27/91	246.69	237.93	8.76	Duplicate	ND	ND	ND	ND	1.2	--	--
06/18/91	246.69	235.51	11.18	--	ND	ND	ND	ND	ND	--	--
09/12/91	246.69	234.74	11.95	--	ND	ND	ND	ND	ND	--	--
01/23/92	246.69	234.28	12.41	--	ND	ND	ND	ND	ND	--	--
04/13/92	246.69	236.00	10.69	--	ND	ND	ND	ND	ND	--	--
08/03/92	246.69	234.49	12.20	--	ND	ND	ND	ND	ND	--	ND
10/22/92	246.69	234.09	12.60	--	ND	ND	ND	ND	ND	--	--
01/18/93	246.69	237.69	9.00	--	ND	ND	ND	ND	ND	--	--
04/19/93	246.69	236.80	9.89	--	ND	ND	ND	ND	ND	--	--
07/21,22/93	246.69	236.44	10.25	--	ND	ND	ND	ND	ND	--	--
10/25/93	246.69	235.73	10.96	--	ND	ND	ND	ND	ND	--	--
01/21/94	246.69	234.93	11.76	--	ND	ND	0.7	ND	1.0	--	--
04/18/94	246.69	235.47	11.22	--	ND	ND	ND	ND	ND	--	--
07/06-07/94	246.69	235.32	11.37	--	ND	ND	ND	ND	ND	--	--
10/07/94	246.69	234.30	12.39	--	ND	ND	ND	ND	ND	--	--
01/11/95	246.69	237.73	8.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	246.69	236.31	10.38	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	246.69	235.37	11.32	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	246.69	234.29	12.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	246.69	235.15	11.54	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/18/96	246.69	236.09	10.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/96	246.69	235.12	11.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	246.69	234.25	12.44	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/09/97	246.69	237.16	9.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--



### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>RW</b>											
12/04/89	--	--	--	--	62,000	29,000	1700	1800	8800	--	--
03/07/90	274.52	256.02	18.50	--	--	--	--	--	--	--	--
06/12/90	274.52	256.03	18.49	--	31,000	15,000	2000	560	3100	--	--
09/24/90	274.52	--	--	--	--	--	--	--	--	--	--
12/20/90	274.52	--	--	--	ND	0.5	ND	ND	1.2	--	--
03/27/91	274.52	--	--	--	--	--	--	--	--	--	--
06/18/91	274.52	--	--	--	--	--	--	--	--	--	--
09/12/91	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
01/23/92	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
04/13/92	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
08/03/92	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
10/22/92	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
01/18/93	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
04/19/93	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
07/21,22/93	274.52	--	--	Insufficient water	--	--	--	--	--	--	--
10/25/93	274.52	--	--	--	--	--	--	--	--	--	--
01/21/94	274.52	--	--	--	--	--	--	--	--	--	--
04/18/94	274.52	--	--	--	--	--	--	--	--	--	--
07/06-07/94	274.52	--	--	--	--	--	--	--	--	--	--
10/07/94	274.52	--	--	--	--	--	--	--	--	--	--
10/24/95	274.52	256.63	17.89	--	37,000	11,000	380	1100	3000	--	--
01/16/96	274.52	259.09	15.43	--	59,000	17,000	660	1600	5400	<1000	--

NO LONGER MONITORED OR SAMPLED

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Organic Lead
<b>TRIP BLANK</b>											
01/11/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/18/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/22/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/10/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/09/97	--	--	--	--	<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 November 4, 1994 Groundwater Technology, Inc. report.

**ABBREVIATIONS:**

TPH = Total Petroleum Hydrocarbons

ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

MTBE = Methyl t-butyl ether

# **Analytical Appendix**



Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-01	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
--	--	---

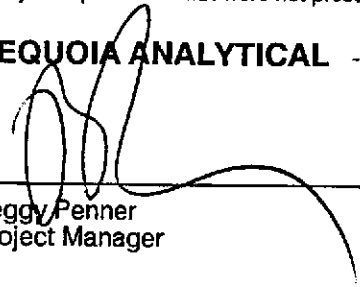
QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	10000	32000
Methyl t-Butyl Ether	500	670
Benzene	100	4600
Toluene	100	820
Ethyl Benzene	100	1500
Xylenes (Total)	100	4000
Chromatogram Pattern:		Gas
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	97

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 9-5607/970109-J1 Sample Descript: C-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-02	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
--	--	---

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	460
Methyl t-Butyl Ether	2.5	6.3
Benzene	0.50	25
Toluene	0.50	15
Ethyl Benzene	0.50	72
Xylenes (Total)	0.50	24
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	118

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 9-5607/970109-J1 Sample Descript: C-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-03	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
--	--	---

QC Batch Number: GC011497BTEX21A  
 Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	25000	73000
Methyl t-Butyl Ether	1250	N.D.
Benzene	250	17000
Toluene	250	6000
Ethyl Benzene	250	1700
Xylenes (Total)	250	7800
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	86

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 9-5607/970109-J1 Sample Descript: C-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-04	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	190
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	0.63
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern: Unidentified HC		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	105

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

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Peggy Penner  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-05	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	69
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:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	99

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 9-5607/970109-J1 Sample Descript: C-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-06	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
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 9-5607/970109-J1 Sample Descript: C-10A Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-07	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	91

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 9-5607/970109-J1 Sample Descript: C-10B Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-08	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70                      130	91

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 Attention: Fran Thie	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-11 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-09	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
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QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	75
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	5.3
Toluene	0.50	6.4
Ethyl Benzene	0.50	2.0
Xylenes (Total)	0.50	9.0
Chromatogram Pattern:		Gas
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	90

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 9-5607/970109-J1 Sample Descript: C-12 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-10	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	2900
Methyl t-Butyl Ether	50	63
Benzene	10	550
Toluene	10	67
Ethyl Benzene	10	94
Xylenes (Total)	10	300
Chromatogram Pattern:		Gas
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	92

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-13 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-11	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX03B  
Instrument ID: GCHP03

**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.
<b>Benzene</b>	<b>0.50</b>	<b>0.60</b>
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
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





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-14 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-12	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX03B  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	56
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	3.8
Toluene	0.50	4.2
Ethyl Benzene	0.50	1.1
Xylenes (Total)	0.50	5.0
Chromatogram Pattern:		Gas
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	109

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Perner  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-15 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-13	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
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QC Batch Number: GC011497BTEX03B  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	370
Methyl t-Butyl Ether	2.5	4.6
Benzene	0.50	2.6
Toluene	0.50	1.1
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern: Unidentified HC		C6-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
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 Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-5607/970109-J1 Sample Descript: C-16 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-14	Sampled: 01/09/97 Received: 01/10/97  Analyzed: 01/14/97 Reported: 01/22/97
Attention: Fran Thie		

QC Batch Number: GC011497BTEX03B  
Instrument ID: GCHP03

**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:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	101

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 9-5607/970109-J1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9701528-15	Sampled: 01/09/97 Received: 01/10/97 Analyzed: 01/14/97 Reported: 01/22/97
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QC Batch Number: GC011497BTEX03B  
Instrument ID: GCHP03

**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:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	96

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

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Peggy Renner  
Project Manager





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

Client Proj. ID: Chevron 9-5607/970109-J1  
Lab Proj. ID: 9701528

Received: 01/10/97  
Reported: 01/22/97

### LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 19 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9701528-01 was diluted 200-fold.  
Sample 9701528-03 was diluted 500-fold.  
Sample 9701528-10 was diluted 20-fold.

SEQUOIA ANALYTICAL

  
Peggy Renner  
Project Manager





Blaine Tech Services, Inc. 1680 Rogers Ave San Jose, CA 95112 Attention: Fran Thie	Client Project ID: Chevron 9-56-7/970109-J1 Matrix: LIQUID	Work Order #: 9701528 01-10	Reported: Jan 23, 1997
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**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC011497BTEX21A	GC011497BTEX21A	GC011497BTEX21A	GC011497BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	970147901	970147901	970147901	970147901
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/14/97	1/14/97	1/14/97	1/14/97
Analyzed Date:	1/14/97	1/14/97	1/14/97	1/14/97
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
Result:	10	9.3	8.9	27
MS % Recovery:	100	93	89	90
Dup. Result:	11	10	10	31
MSD % Recov.:	110	100	100	103
RPD:	10	7.3	12	14
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK011497	BLK011497	BLK011497	BLK011497
Prepared Date:	1/14/97	1/14/97	1/14/97	1/14/97
Analyzed Date:	1/14/97	1/14/97	1/14/97	1/14/97
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	9.6	9.0	8.9	27
LCS % Recov.:	96	90	89	90

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

SEQUOIA ANALYTICAL

Reggy 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

9701528.BLA <1>





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

Client Project ID: **Chevron 9-56-7/970109-J1**  
Matrix: **LIQUID**

Work Order #: **9701528 11-15**

Reported: **Jan 23, 1997**

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC011397BTEX03A	GC011397BTEX03A	GC011397BTEX03A	GC011397BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	970147904	970147904	970147904	970147904
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/13/97	1/13/97	1/13/97	1/13/97
Analyzed Date:	1/13/97	1/13/97	1/13/97	1/13/97
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	11	10	11	32
MSD % Recov.:	110	100	110	107
RPD:	9.5	0.0	9.5	3.2
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK011397	BLK011397	BLK011397	BLK011397
Prepared Date:	1/13/97	1/13/97	1/13/97	1/13/97
Analyzed Date:	1/13/97	1/13/97	1/13/97	1/13/97
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	10	9.9	10	31
LCS % Recov.:	100	99	100	103

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

SEQUOIA ANALYTICAL

Reggy 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

9701528.BLA <2>



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

Chevron Facility Number 9-5607  
 Facility Address 5269 Crow Canyon Rd., Castro Valley, CA  
 Consultant Project Number 970109-31  
 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) Brett Hunter  
 (Phone) (510) 842-8695  
 Laboratory Name Sequoia  
 Laboratory Release Number 9033495  
 Samples Collected by (Name) Math James  
 Collection Date 1/9/97  
 Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Leak (Yes or No)	Analyses To Be Performed											DO NOT BILL FOR TB-LB  9701528 Remarks					
								ETEX + TPH GAS (8020 + 8015) <u>MTBE</u>	TPH Diesel (8015)	Oil and Grease (8020)	Purgeable Hydrocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)									
C-1	1	3	W	D	1435	HCl	Y	X																
C-2	2	3			1300			X																
C-3	3	3			1455			X																
C-5	4	3			1235			X																
C-7	5	3			1355			X																
C-8	6	3			1215			X																
C-10A	7	3			1010			X																
C-10B	8	3			1035			X																
C-11	9	3			1145			X																
C-12	10	3			1325			X																
C-13	11	3			1125			X																
C-14	12	3			1100			X																
C-15	13	3			1415			X																
C-16	14	3	V	V	945		Y	X																

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>1/10/97</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SEB</u>	Date/Time <u>1/10/97</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days <u>10 Days</u> As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>SEB</u>	Date/Time <u>1/10/97</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>1/10/97</u>		

FB



# Field Data Sheets



## WELL GAUGING DATA

Project # 970109-51 Date 1/9/97 Client Chel

Site 5269 Crow Canyon Rd., Castro Valley

Well I.D.	Well Size (in.)	Sheen/Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
C-1	4					15.41	43.12	TOC
C-2	4					12.75	44.66	
C-3	<del>4</del>					18.24	31.95	
C-5	4					19.02	32.04	
C-6		Paved over						
C-7	2					3.88	26.79	
C-8	2					5.29	25.12	
C-10A	3					16.84	22.80	
C-10B	3					17.20	34.30	
C-11	3					16.02	33.70	
C-12	3					9.06	29.65	
C-13	3					7.37	28.32	
C-14	3					0.94	27.88	
C-15	3					7.32	19.52	
C-16	3					9.53	30.60	↓

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>43.12</u>	Depth to Water: <u>15.4</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 <sup>2</sup> * 0.163

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

<u>18.0</u>	x	<u>3</u>	=	<u>54.0</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1426	63.0	7.4	520	18	Strong odor
1428	62.8	7.3	700	36	
1431	63.0	7.2	780	54	

Did well dewater?    Yes     No    Gallons actually evacuated: 54

Sampling Time: 1435      Sampling Date: 1/9

Sample I.D.: C-1      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 #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>44.66</u>	Depth to Water: <u>12.75</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 <sup>2</sup> * 0.163

Purge Method:  Bailer  Disposable Bailer  Middleburg  Electric Submersible  Extraction Pump

Other: \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port

Other: \_\_\_\_\_

<u>20.7</u>	x	<u>3</u>	=	<u>62.2</u> Gals.
I Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1250</u>	<u>65.2</u>	<u>7.3</u>	<u>1000</u>	<u>21</u>	
<u>1253</u>	<u>66.0</u>	<u>7.3</u>	<u>1000</u>	<u>42</u>	
<u>1256</u>	<u>66.4</u>	<u>7.2</u>	<u>1000</u>	<u>63</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 63

Sampling Time: 1300 Sampling Date: 1/9

Sample I.D.: C-2 Laboratory: Sequia 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 #: 970109-J1	Station #: 9-5607
Sampler: MS	Date: 1/9/97
Well I.D.: C-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 31.95	Depth to Water: 18.24
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 <sup>2</sup> * 0.163

Purge Method: Bailer      Disposable Bailer      Middleburg      Electric Submersible       Extraction Pump

Other: \_\_\_\_\_

Sampling Method: Bailer      Disposable Bailer       Extraction Port

Other: \_\_\_\_\_

<u>8.9</u>	x	<u>3</u>	=	<u>26.7</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1446	64.2	7.3	1000	9	Strong odor
1448	64.4	7.2	1000	18	Sheen
1449	69.4	7.2	1000	27	

Did well dewater?      Yes      No      Gallons actually evacuated: 27

Sampling Time: 1455      Sampling Date: 1/9

Sample I.D.: C-3      Laboratory: Sequia 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 #: 970109-51	Station #: 9-5607
Sampler: MS	Date: 1/9/97
Well I.D.: C-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 32.04	Depth to Water: 19.02
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 <sup>2</sup> * 0.163

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

8.5	x	3	=	25.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1220	61.8	7.0	680	9	
1228	62.0	6.9	670	17	
1230	62.2	6.8	650	26	

Did well dewater? Yes  No  Gallons actually evacuated: 20

Sampling Time: 1235 Sampling Date: 1/9

Sample I.D.: C-5 Laboratory: Sequia 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 #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-6</u>	Well Diameter: 2 3 4 6 8 <u>    </u>
Total Well Depth:	Depth to Water:
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 <sup>2</sup> * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
Unable to locate - well Paved over					

Did well dewater?	Yes	No	Gallons actually evacuated:
Sampling Time:	Sampling Date: <u>1/9</u>		
Sample I.D.:	Laboratory: <u>Sequoia</u> GTEL N. Creek Assoc. Labs		
Analyzed for:	<u>TPH-G BTEX MTBE</u> 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: <span style="float: right;">mg/L</span>
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: <span style="float: right;">mV</span>

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-7</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>26.79</u>	Depth to Water: <u>3.88</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 <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer Middleburg <input checked="" type="checkbox"/> Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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<u>3.7</u>	x	<u>3</u>	=	<u>11.0</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1340	61.6	7.2	670	4	
1344	62.2	7.1	650	8	
1350	62.4	7.0	640	11	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>11</u>
Sampling Time: <u>1355</u>	Sampling Date: <u>1/9</u>
Sample I.D.: <u>C-7</u>	Laboratory: <u>Sequoia</u> GTEL N. Creek Assoc. Labs
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other:	
Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
D.O. (if req'd):	Pre-purge: <u> </u> mg/l Post-purge: <u> </u> mg/l
O.R.P. (if req'd):	Pre-purge: <u> </u> mV Post-purge: <u> </u> mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-8</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>25.12</u>	Depth to Water: <u>5.29</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 <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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<u>3.2</u>	x	<u>3</u>	=	<u>9.5</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1200</u>	<u>62.6</u>	<u>7.4</u>	<u>600</u>	<u>3.5</u>	
<u>1209</u>	<u>62.0</u>	<u>7.3</u>	<u>560</u>	<u>6.5</u>	
<u>1212</u>	<u>61.8</u>	<u>7.2</u>	<u>550</u>	<u>9.5</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 9.5

Sampling Time: 1245 Sampling Date: 1/9

Sample I.D.: C-8 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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



# CHEVRON WELL MONITORING DATA SHEET

Project #: 970109-J1	Station #: 9-5607
Sampler: MS	Date: 1/9/97
Well I.D.: C-10A	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 22-80	Depth to Water: 16.84
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 <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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<u>2.2</u>	x	<u>3</u>	=	<u>6.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
958	60.8	7.2	1000	2.5	
1003	61.0	7.1	1000	5	
1008	61.0	7.1	1000	7	

Did well dewater? Yes  No  Gallons actually evacuated: 7

Sampling Time: 1010 Sampling Date: 1/9

Sample I.D.: C-10A 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 #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-10B</u>	Well Diameter: 2 3 4 6 8 <u>    </u>
Total Well Depth: <u>34.34</u>	Depth to Water: <u>17.20</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 <sup>2</sup> * 0.163

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

<u>63</u>	x	<u>3</u>	=	<u>19.0</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1025</u>	<u>59.8</u>	<u>7.2</u>	<u>940</u>	<u>7</u>	
<u>1026</u>	<u>60.2</u>	<u>7.2</u>	<u>1000</u>	<u>13</u>	
<u>1028</u>	<u>61.0</u>	<u>7.1</u>	<u>1000</u>	<u>19</u>	

Did well dewater?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated:	<u>19</u>
Sampling Time:	<u>1035</u>	Sampling Date:	<u>1/9</u>
Sample I.D.:	<u>C-10B</u>	Laboratory:	<u>Sequoia</u> GTEL N. Creek Assoc. Labs
Analyzed for:	<u>TPH-G BTEX MTBE</u> 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: <span style="float: right;">mg/L</span>
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: <span style="float: right;">mV</span>

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>970109-51</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-11</u>	Well Diameter: <u>2</u> <u>3</u> 4 6 8
Total Well Depth: <u>33.70</u>	Depth to Water: <u>16.02</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 <sup>2</sup> * 0.163

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

<u>6.0</u>	x	<u>3</u>	=	<u>19.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1138</u>	<u>61.2</u>	<u>7.3</u>	<u>1000</u>	<u>7</u>	
<u>1140</u>	<u>62.2</u>	<u>7.2</u>	<u>900</u>	<u>13</u>	
<u>1141</u>	<u>62.0</u>	<u>7.2</u>	<u>880</u>	<u>20</u>	

Did well dewater?    Yes    No    Gallons actually evacuated: 20

Sampling Time: 1145      Sampling Date: 1/9

Sample I.D.: C-11      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 #: <u>970109-31</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-12</u>	Well Diameter: 2 3 4 6 8 <u>    </u>
Total Well Depth: <u>29.65</u>	Depth to Water: <u>9.00</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 <sup>2</sup> * 0.163

Purge Method:  Bailer       Disposable Bailer       Middleburg       Electric Submersible       Extraction Pump

Sampling Method:  Bailer       Disposable Bailer       Extraction Port      Other: \_\_\_\_\_

Other: \_\_\_\_\_

<u>7.6</u>	x	<u>3</u>	=	<u>22.9</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1316</u>	<u>62.2</u>	<u>7.2</u>	<u>760</u>	<u>8</u>	<u>Strong Odor, Brown</u>
<u>1318</u>	<u>62.6</u>	<u>7.1</u>	<u>720</u>	<u>14</u>	
<u>1319</u>	<u>62.6</u>	<u>7.1</u>	<u>710</u>	<u>23</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 23

Sampling Time: 1325      Sampling Date: 1/9

Sample I.D.: C-12      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 #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-13</u>	Well Diameter: 2 <u>(3)</u> 4 6 8 <u>   </u>
Total Well Depth: <u>28.32</u>	Depth to Water: <u>7.37</u>
Depth to Free Product: <u>   </u>	Thickness of Free Product (feet): <u>   </u>
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 <sup>2</sup> * 0.163

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

<u>7.8</u>	x	<u>3</u>	=	<u>23.3</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1116</u>	<u>60.2</u>	<u>6.9</u>	<u>750</u>	<u>8</u>	
<u>1117</u>	<u>60.8</u>	<u>7.0</u>	<u>800</u>	<u>16</u>	
<u>1119</u>	<u>61.0</u>	<u>7.0</u>	<u>820</u>	<u>24</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>24</u>
Sampling Time: <u>1125</u>	Sampling Date: <u>1/9</u>
Sample I.D.: <u>C-13</u>	Laboratory: <u>(Sequia)</u> GTEL N. Creek Assoc. Labs
Analyzed for: <u>(TPH-G BTEX MTBE)</u> TPH-D Other:	

Duplicate I.D.: <u>   </u>	Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
D.O. (if req'd):	Pre-purge: <u>   </u> mg/L	Post-purge: <u>   </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>   </u> mV	Post-purge: <u>   </u> mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 970109-51	Station #: 9-5607
Sampler: MS	Date: 1/9/97
Well I.D.: C-14	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 27.88	Depth to Water: 0.94
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 <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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10.0	x	3	=	29.9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1048	58.2	7.1	480	10	
1050	<del>57.8</del>	7.0	420	20	
1052	57.0	7.0	210	30	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 30
Sampling Time: 1100	Sampling Date: 1/9
Sample I.D.: C-14	Laboratory: <u>Sequoia</u> GTEL N. Creek Assoc. Labs
Analyzed for: <u>TPH-G BTEX MTBE</u> 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 #: <u>970109-J1</u>	Station #: <u>9-5607</u>
Sampler: <u>MS</u>	Date: <u>1/9/97</u>
Well I.D.: <u>C-15</u>	Well Diameter: <u>2</u> <u>3</u> 4 6 8 <u>    </u>
Total Well Depth: <u>19.52</u>	Depth to Water: <u>7.32</u>
Depth to Free Product: <u>    </u>	Thickness of Free Product (feet): <u>    </u>
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 <sup>2</sup> * 0.163

Purge Method:                      Bailer Disposable Bailer Middleburg Electric Submersible <input checked="" type="checkbox"/> Extraction Pump Other: _____	Sampling Method:                  Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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<u>4.5</u>	$\times$	<u>3</u>	$=$	<u>13.5</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1407</u>	<u>61.8</u>	<u>7.3</u>	<u>1000</u>	<u>5</u>	
<u>1408</u>	<u>62.4</u>	<u>7.3</u>	<u>1000</u>	<u>9</u>	
<u>1410</u>	<u>62.8</u>	<u>7.2</u>	<u>1000</u>	<u>14</u>	

Did well dewater?    Yes    No    Gallons actually evacuated: 14

Sampling Time: 1415    Sampling Date: 1/9

Sample I.D.: C-15    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
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
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## CHEVRON WELL MONITORING DATA SHEET

Project #: 970109-J1	Station #: 9-5607
Sampler: MS	Date: 1/9/97
Well I.D.: C-16	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 30.60	Depth to Water: 953
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 <sup>2</sup> * 0.163

Purge Method: Bailer                      Sampling Method: Bailer

Disposable Bailer    Disposable Bailer

Middleburg    Extraction Port

Electric Submersible     Other: \_\_\_\_\_

Extraction Pump

Other: \_\_\_\_\_

<u>7.8</u>	x	<u>3</u>	=	<u>23.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
937	62.0	7.1	1000	8	
938	62.0	7.0	1000	16	
940	62.4	6.9	1000	24	

Did well dewater?    Yes     No    Gallons actually evacuated: 24

Sampling Time: 945                      Sampling Date: 1/9

Sample I.D.: C-16                      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