

*Emergency  
Alameda  
5/21/95 - 6 PM 11:47*



**Chevron**

July 5, 1995

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

**Site Assessment & Remediation Group**  
Phone (510) 842-9500

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

*Need to further characterize site w/  
MWS along Webster Street (onsite)  
DG of UST pit + product piping*

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

Dear Ms. Shin:

Enclosed is the Second Quarter 1995 Groundwater Monitoring report dated June 28, 1995, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), and BTEX. Dissolved concentrations of these constituents detected during this sampling event are similar to historical observations at the site. Depth to ground water was measured at approximately 5.8 to 7.0 feet below grade and the direction of flow is to the northwest.

Separate phase hydrocarbons are being removed on a quarterly basis from monitor well A-1. We are currently developing action items based on discussions held in our meeting of January 26, 1995. If you have any questions or comments, please feel free to contact me at (510) 842-8134.

Sincerely,  
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller  
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. Y.M. Byeman  
  
Ms. Louise Van De Deere  
Housing Authority of the City of Alameda  
701 Atlantic Avenue  
Alameda, CA 94501

*Send letter requesting  
MWS along W' + DG from  
UST pits, product lines.*



# BLAINE TECH SERVICES INC.

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

June 28, 1995

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

950501-V-1  
MAY 1 1995  
11 11 AM

## 2nd Quarter 1995 Monitoring at 9-0290

Second Quarter 1995 Groundwater Monitoring at  
Chevron Service Station Number 9-0290  
1802 Webster Street  
Alameda, CA

Monitoring Performed on May 1, 1995

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### Groundwater Sampling Report 950501-V-1

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

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

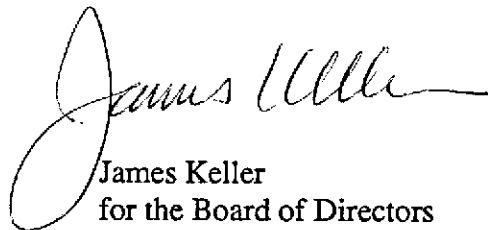
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater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

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

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

Please call if you have any questions.

Yours truly,

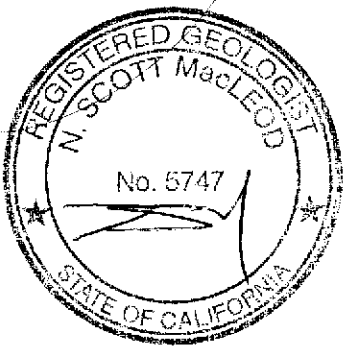
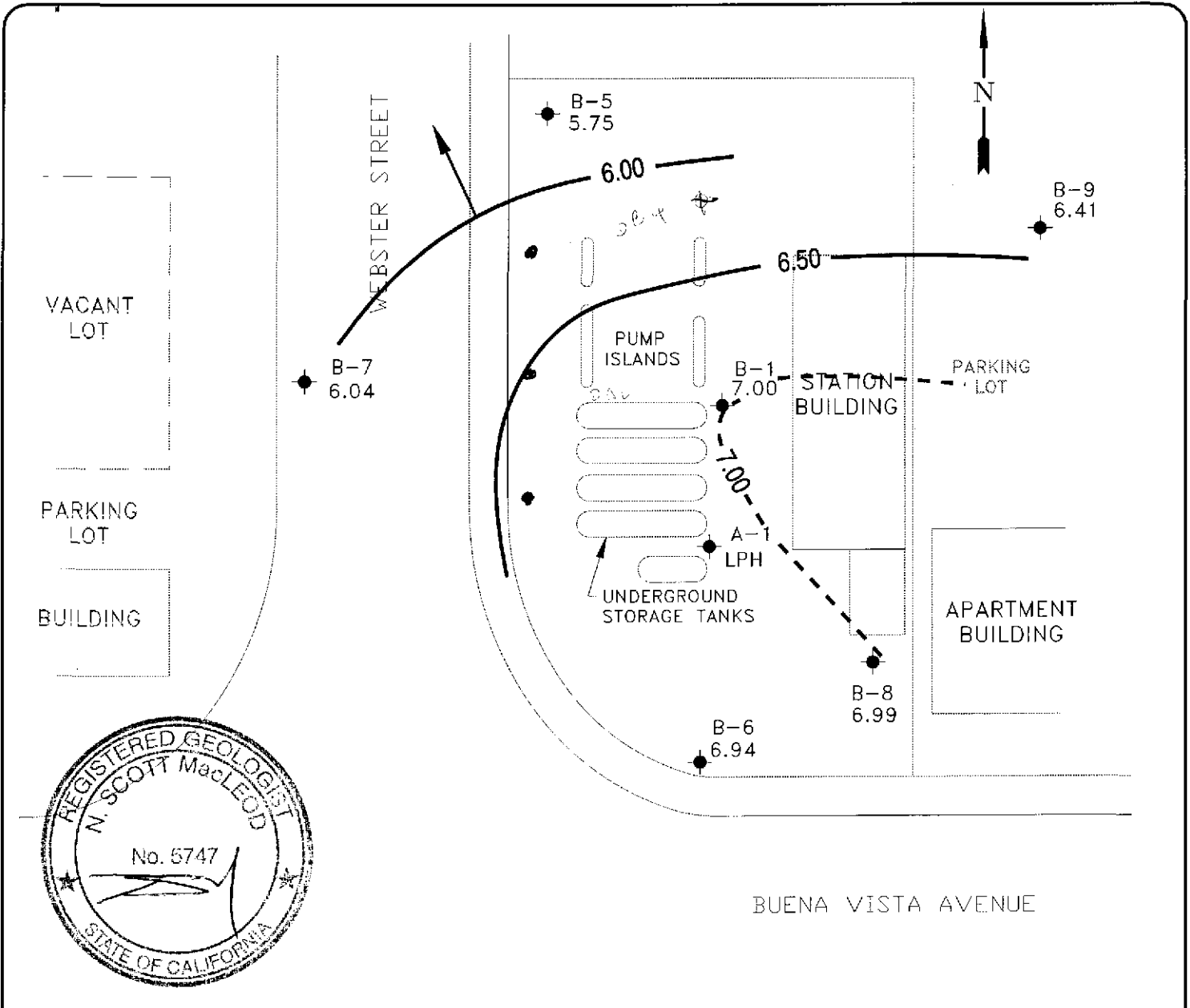


James Keller  
for the Board of Directors

JPK/dk

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

# **Professional Engineering Appendix**



o recommended wells

**LEGEND**

- PROPERTY LINE
- MONITORING WELL
- LPH LIQUID-PHASE HYDROCARBONS; NOT GAUGED
- 8.75 POTENTIOMETRIC SURFACE ELEVATION (FT)
- POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER FLOW DIRECTION

B.P. STATION  
0 FEET 40 SCALE

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

Base map from Groundwater Technology, Inc.

<p><b>CAMBRIA</b> Environmental Technology, Inc.</p>	<p>Chevron Station 9-0290 1802 Webster Street Alameda, California</p> <p>VCHEVRON9-0290\0290-QM.DWG</p>	<p>Ground Water Elevation May 1, 1995</p>	<p>FIGURE <b>1</b></p>
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# **Table of Well Data and Analytical Results**

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	TPH- Diesel
<b>A-1</b>														
09/20/91	8.13	0.48	9.23	1.58	--	--	--	--	--	--	--	--	--	--
10/09/91	8.13	1.46	6.67	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	8.13	1.43	7.28	0.58	--	--	--	--	--	--	--	--	--	--
10/23/91	8.13	1.36	7.42	0.65	--	--	--	--	--	--	--	--	--	--
11/01/91	8.13	1.49	7.14	0.50	--	--	--	--	--	--	--	--	--	--
11/07/91	8.13	1.50	7.14	0.51	--	--	--	--	--	--	--	--	--	--
11/15/91	8.13	1.47	7.19	0.53	--	--	--	--	--	--	--	--	--	--
11/21/91	8.13	1.28	7.28	0.54	--	--	--	--	--	--	--	--	--	--
12/12/91	8.13	1.29	7.33	0.49	--	--	--	--	--	--	--	--	--	--
12/30/91	8.13	1.73	6.76	0.36	--	--	--	--	--	--	--	--	--	--
01/13/92	8.13	2.21	6.29	0.37	--	--	--	--	--	--	--	--	--	--
01/22/92	8.13	2.15	6.43	0.45	--	--	--	--	--	--	--	--	--	--
02/12/92	8.13	2.21	6.30	0.38	--	--	--	--	--	--	--	--	--	--
03/09/92	8.13	3.14	5.30	0.31	--	--	--	--	--	--	--	--	--	--
04/10/92	8.13	2.83	5.37	0.07	--	--	--	--	--	--	--	--	--	--
05/18/92	8.13	2.39	6.14	0.40	--	--	--	--	--	--	--	--	--	--
01/06/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.56	6.19	5.85	0.60	--	--	--	--	--	--	--	--	--	--
06/11/93	11.56	--	--	--	2.00	2.00	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	0.13	2.13	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	0.13	2.26	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	0.50	2.76	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	2.76	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	2.76	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	2.76	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	2.00	4.76	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
08/10/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--

Continued on next page

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>A-1 (CONT'D)</b>														
09/16/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
10/01/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
10/07/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
10/13/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
10/19/93	11.56	--	--	0.10	--	4.76	--	--	--	--	--	--	--	--
10/20/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
10/28/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
11/12/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
11/19/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
11/30/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
12/10/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
12/16/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
12/23/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
12/29/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
01/03/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
01/17/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
01/26/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
02/07/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
02/11/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
02/18/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
02/25/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
03/04/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
03/11/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
03/16/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
03/25/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
04/01/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
08/18/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--
11/30/94	11.56	--	--	--	2.00	6.76	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	6.76	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	0.6?	--	6.76	--	--	--	--	--	--	--	--



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>A-2</b>														
09/20/91	8.00	0.27	7.73	0.00	--	--	--	8100	860	14	110	53	--	5100
10/09/91	8.00	1.39	6.61	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	8.00	1.34	6.66	0.00	--	--	--	--	--	--	--	--	--	--
10/23/91	8.00	1.29	6.80	0.09	--	--	--	--	--	--	--	--	--	--
11/01/91	8.00	1.45	6.63	0.15	--	--	--	--	--	--	--	--	--	--
11/07/91	8.00	1.45	6.64	0.21	--	--	--	--	--	--	--	--	--	--
11/15/91	8.00	1.38	6.81	0.19	--	--	--	--	--	--	--	--	--	--
11/21/91	8.00	1.31	6.93	0.24	--	--	--	--	--	--	--	--	--	--
12/12/91	8.00	1.24	6.97	0.15	--	--	--	--	--	--	--	--	--	--
12/30/91	8.00	1.70	6.54	0.24	--	--	--	--	--	--	--	--	--	--
01/13/92	8.00	2.16	5.92	0.08	--	--	--	--	--	--	--	--	--	--
01/22/92	8.00	2.00	6.01	0.10	--	--	--	--	--	--	--	--	--	--
02/12/92	8.00	2.20	6.06	0.26	--	--	--	--	--	--	--	--	--	--
03/09/92	8.00	3.11	4.93	0.04	--	--	--	--	--	--	--	--	--	--
04/10/92	8.00	2.80	5.20	<0.01	--	--	--	--	--	--	--	--	--	--
05/18/92	8.00	2.36	5.66	0.02	--	--	--	--	--	--	--	--	--	--
01/06/93	8.00	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.00	3.20	4.98	0.22	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.24	5.36	0.18	--	--	--	--	--	--	--	--	--	--
06/11/93	11.46	--	--	--	0.13	1.00	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	1.13	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	1.39	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	1.89	--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	1.89	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
08/10/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--

Continued on next page

### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>A-2 (CONT'D)</b>														
09/16/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
10/01/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	1.89	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--		--	1.89	--	--	--	--	--	--	--	--
04/01/94	11.46	--	--		--	1.89	Destroyed	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>B-1</b>														
04/23/93	12.12	6.19	5.93	0.00	--	--	--	13,000	4900	22	250	47	--	8300
07/19/93	12.12	5.46	6.66	0.00	--	--	--	3300	1200	16	24	<30	--	1600
10/19/93	12.12	5.04	7.08	0.00	--	--	--	2300	730	18	14	31	--	550
01/17/94	12.12	5.39	6.73	0.00	--	--	--	22,000	6500	170	210	430	--	<50
08/18/94	12.12	5.27	6.85	0.00	--	--	Inaccessible	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	0.00	--	--	--	1500	250	17	7.5	19	<5.0*	3200**
02/15/95	12.12	6.75	5.37	0.00	--	--	--	1000	160	<2.0	4.6	2.6	--	1300**
05/01/95	12.12	7.00	5.12	0.00	--	--	--	140	20	0.52	2.0	0.67	--	2600***

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

\*\* Chromagram pattern indicates a non-diesel mix.

\*\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>B-3</b>														
09/20/91	8.01	1.08	6.94	0.01	--	--	--	--	--	--	--	--	--	--
10/09/91	8.01	1.66	6.35	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	8.01	1.57	6.44	0.00	--	--	--	--	--	--	--	--	--	--
10/23/91	8.01	1.53	6.84	0.00	--	--	--	--	--	--	--	--	--	--
11/01/91	8.01	1.70	6.31	0.00	--	--	--	--	--	--	--	--	--	--
11/07/91	8.01	1.69	6.32	0.00	--	--	--	--	--	--	--	--	--	--
11/15/91	8.01	1.62	6.39	0.00	--	--	--	--	--	--	--	--	--	--
11/21/91	8.01	1.57	6.44	0.00	--	--	--	--	--	--	--	--	--	--
12/12/91	8.01	1.19	6.82	<0.01	--	--	--	--	--	--	--	--	--	--
12/30/91	8.01	1.64	6.37	0.00	--	--	--	--	--	--	--	--	--	--
01/13/92	8.01	2.07	5.94	0.00	--	--	--	--	--	--	--	--	--	--
01/22/92	8.01	2.02	5.99	0.00	--	--	--	--	--	--	--	--	--	--
02/12/92	8.01	2.19	5.82	<0.01	--	--	--	--	--	--	--	--	--	--
03/09/92	8.01	2.91	5.10	0.00	--	--	--	--	--	--	--	--	--	--
04/10/92	8.01	2.65	5.36	0.00	--	--	--	--	--	--	--	--	--	--
05/18/92	8.01	2.29	5.72	0.00	--	--	--	6200	550	58	13	51	<5000	250
01/06/93	8.01	2.51	5.50	--	--	--	Sheen	5400	490	54	51	82	--	10,000
02/03/93	8.01	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.42	6.10	5.32	0.00	--	--	--	18,000	540	69	47	120	--	6400
07/29/93	11.42	5.48	5.94	0.00	--	--	--	40,000	780	69	49	150	--	4000
10/19/93	11.42	5.10	6.32	0.00	--	--	--	20,000	520	37	43	100	--	1500
01/17/94	11.42	4.47	6.95	0.00	--	--	Destroyed	3900	430	32	29	82	--	<50

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>B-4</b>														
09/20/91	8.04	1.22	6.82	0.01	--	--	--	19,000	710	160	650	2000	--	1400
10/09/91	8.04	1.41	6.63	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	8.04	1.20	6.84	0.00	--	--	--	--	--	--	--	--	--	--
10/23/91	8.04	1.17	6.87	0.00	--	--	--	--	--	--	--	--	--	--
11/01/91	8.04	1.34	6.70	0.00	--	--	--	--	--	--	--	--	--	--
11/07/91	8.04	1.31	6.73	0.00	--	--	--	--	--	--	--	--	--	--
11/15/91	8.04	1.21	6.83	0.00	--	--	--	--	--	--	--	--	--	--
11/21/91	8.04	1.20	6.84	0.00	--	--	--	--	--	--	--	--	--	--
12/12/91	8.04	1.17	6.87	<0.01	--	--	--	--	--	--	--	--	--	--
12/30/91	8.04	1.58	6.46	0.00	--	--	--	--	--	--	--	--	--	--
01/13/92	8.04	2.13	5.91	0.00	--	--	--	--	--	--	--	--	--	--
01/22/92	8.04	2.09	5.95	0.00	--	--	--	--	--	--	--	--	--	--
02/12/92	8.04	2.26	5.78	<0.01	--	--	--	15,000	920	75	520	940	--	860
03/09/92	8.04	2.95	5.09	0.00	--	--	--	--	--	--	--	--	--	--
04/10/92	8.04	2.65	5.39	0.00	--	--	--	--	--	--	--	--	--	--
05/18/92	8.04	2.45	5.59	0.00	--	--	--	19,000	2000	97	560	1200	<5000	<50
01/06/93	8.04	2.54	5.50	--	--	--	Sheen	19,000	2000	89	490	740	--	2700
02/03/93	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.07	5.39	0.00	--	--	--	5700	2400	75	380	580	--	2300
07/19/93	11.46	5.33	6.13	0.00	--	--	--	19,000	2400	140	440	620	--	2400
10/19/93	11.46	4.95	6.51	0.00	--	--	--	13,000	1200	84	290	530	--	2100
01/17/94	11.46	5.28	6.18	0.00	--	--	Destroyed	11,000	1900	63	170	290	--	<50

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>B-5</b>														
09/20/91	7.73	2.2	5.53	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/09/91	7.73	2.42	5.31	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	7.73	2.09	5.64	0.00	--	--	--	--	--	--	--	--	--	--
10/23/91	7.73	2.05	5.68	0.00	--	--	--	--	--	--	--	--	--	--
11/01/91	7.73	2.24	5.49	0.00	--	--	--	--	--	--	--	--	--	--
11/07/91	7.73	2.19	5.54	0.00	--	--	--	--	--	--	--	--	--	--
11/15/91	7.73	2.10	5.63	0.00	--	--	--	--	--	--	--	--	--	--
11/21/91	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	7.73	2.05	5.68	0.00	--	--	--	--	--	--	--	--	--	--
12/30/91	7.73	2.54	5.19	0.00	--	--	--	--	--	--	--	--	--	--
01/13/92	7.73	3.07	4.65	0.00	--	--	--	--	--	--	--	--	--	--
01/22/92	7.73	3.03	4.70	0.00	--	--	--	--	--	--	--	--	--	--
02/12/92	7.73	3.38	4.45	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/09/92	7.73	3.68	4.05	0.00	--	--	--	--	--	--	--	--	--	--
04/10/92	7.73	3.30	4.43	0.00	--	--	--	--	--	--	--	--	--	--
05/18/92	7.73	3.94	3.79	0.00	--	--	--	390	39	1.9	11	24	<5000	--
01/06/93	7.73	3.39	4.44	--	--	--	Sheen	<50	<0.5	<0.5	<0.5	<0.5	--	<50
02/03/93	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	10.18	5.86	4.32	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	10.18	5.15	5.03	0.00	--	--	--	54	<0.5	0.7	<0.5	<1.5	--	<50
10/19/93	10.18	5.08	5.10	0.00	--	--	--	<50	2.0	4.1	0.6	3.5	--	<50
01/07/94	10.18	5.32	4.86	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
08/18/94	10.18	5.04	5.14	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
11/30/94	10.18	5.73	4.45	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	140*
02/15/95	10.18	6.03	4.15	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	170*
05/01/95	10.18	5.75	4.43	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	190**

\* Chromagram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>B-6</b>														
09/20/91	8.55	1.70	6.85	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/09/91	8.55	1.72	6.83	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	8.55	1.65	6.90	0.00	--	--	--	--	--	--	--	--	--	--
10/23/91	8.55	1.62	6.93	0.00	--	--	--	--	--	--	--	--	--	--
11/01/91	8.55	1.77	6.78	0.00	--	--	--	--	--	--	--	--	--	--
11/07/91	8.55	1.74	6.81	0.00	--	--	--	--	--	--	--	--	--	--
11/15/91	8.55	1.67	6.88	0.00	--	--	--	--	--	--	--	--	--	--
11/21/91	8.55	1.60	6.95	0.00	--	--	--	--	--	--	--	--	--	--
12/12/91	8.55	1.41	7.14	0.00	--	--	--	--	--	--	--	--	--	--
12/30/91	8.55	2.05	6.50	0.00	--	--	--	--	--	--	--	--	--	--
01/13/92	8.55	2.36	6.19	0.00	--	--	--	--	--	--	--	--	--	--
01/22/92	8.55	2.28	6.27	0.00	--	--	--	--	--	--	--	--	--	--
02/12/92	8.55	2.43	6.12	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/09/92	8.55	3.27	5.28	0.00	--	--	--	--	--	--	--	--	--	--
04/10/92	8.55	3.07	5.48	0.00	--	--	--	--	--	--	--	--	--	--
05/18/92	8.55	2.65	5.90	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5000	<50
01/06/93	8.55	2.76	5.79	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
02/03/93	8.55	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.97	6.70	5.27	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	11.97	5.06	6.91	0.00	--	--	--	74	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	11.97	5.49	6.48	0.00	--	--	--	<50	<0.5	0.5	<0.5	2.2	--	<50
01/07/94	11.97	5.79	6.18	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
08/18/94	11.97	5.77	6.20	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
11/30/94	11.97	6.52	5.45	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	230*
02/15/95	11.97	7.27	4.70	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	130*
05/01/95	11.97	6.94	5.03	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	97**

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel
<b>B-7</b>														
04/23/93	10.54	6.02	4.52	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--
07/19/93	10.54	5.50	5.04	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50
10/19/93	10.54	5.14	5.40	0.00	--	--	--	<50	3.1	0.5	<0.5	0.8	--	<50
01/07/94	10.54	5.35	5.19	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
08/18/94	10.54	5.28	5.26	0.00	--	--	--	<50	<0.5	<0.5	<0.5	1.1	--	<50
11/30/94	10.54	5.96	4.58	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
02/15/95	10.54	6.32	4.22	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
05/01/95	10.54	6.04	4.50	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	53**
<b>B-8</b>														
04/23/93	11.99	6.63	5.36	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--
07/19/93	11.99	5.77	6.22	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50
10/19/93	11.99	--	--	--	--	--	Dry	--	--	--	--	--	--	--
01/07/94	11.99	5.69	6.30	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
08/18/94	11.99	5.56	6.43	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
11/30/94	11.99	6.53	5.46	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*
02/15/95	11.99	7.27	4.72	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*
05/01/95	11.99	6.99	5.00	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	51**
<b>B-9</b>														
04/23/93	10.70	6.14	4.56	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--
07/19/93	10.70	5.25	5.45	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50
10/19/93	10.70	4.81	5.89	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
01/07/94	10.70	5.29	5.41	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
08/18/94	10.70	5.15	5.55	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
11/30/94	10.70	6.35	4.35	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	60*
02/15/95	10.70	7.05	3.65	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
05/01/95	10.70	6.41	4.29	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)						
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH- Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH- Diesel
<b>TRIP BLANK</b>														
01/06/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/23/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	--	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
01/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.  
 Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

**ABBREVIATIONS:**

TPH = Total Petroleum Hydrocarbons  
 SPH = Seperate-Phase Hydrocarbons  
 TOG = Total Oil and Grease

# **Analytical Appendix**



Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-1 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9505036-01	Sampled: 05/01/95 Received: 05/01/95 Extracted: 05/02/95 Analyzed: 05/05/95 Reported: 05/09/95
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QC Batch Number: GC0502950HBPEXZ  
Instrument ID: GCHP5B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	84	2600
Chromatogram Pattern: Unidentified HC		C9-C24
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
n-Pentacosane (C25)	50                      150	109

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

**SEQUOIA ANALYTICAL** - ELAP #1210




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Peggy Penner  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-0290, 950501-V-1  
Sample Descript: B-1  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9505036-01

Sampled: 05/01/95  
Received: 05/01/95  
Analyzed: 05/03/95  
Reported: 05/09/95

QC Batch Number: GC050395BTEX03A  
Instrument ID: GCHP03

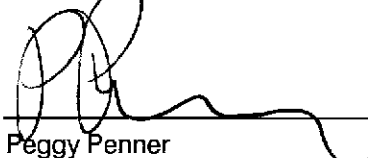
**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	140
Benzene	0.50	20
Toluene	0.50	0.52
Ethyl Benzene	0.50	2.0
Xylenes (Total)	0.50	0.67
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	116

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133  Attention: Jim Keller	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-5 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9505036-02	Sampled: 05/01/95 Received: 05/01/95 Extracted: 05/02/95 Analyzed: 05/05/95 Reported: 05/09/95
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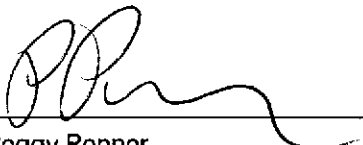
QC Batch Number: GC0502950HBPEXZ  
Instrument ID: GCHP5B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	190  C9-C24
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
n-Pentacosane (C25)	50                      150	96

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505036-02	Sampled: 05/01/95 Received: 05/01/95 Analyzed: 05/03/95 Reported: 05/09/95
Attention: Jim Keller		

QC Batch Number: GC050395BTEX17A  
Instrument ID: GCHP17

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-6 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9505036-03	Sampled: 05/01/95 Received: 05/01/95 Extracted: 05/02/95 Analyzed: 05/05/95 Reported: 05/09/95
---	--	--

QC Batch Number: GC0502950HBPEXZ  
Instrument ID: GCHP5B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	97
Chromatogram Pattern: Unidentified HC		C9-C24

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50      150	87

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505036-03	Sampled: 05/01/95 Received: 05/01/95 Analyzed: 05/03/95 Reported: 05/09/95
Attention: Jim Keller		

QC Batch Number: GC050395BTEX03A  
Instrument ID: GCHP03

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	103

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager







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

Client Proj. ID: Chevron 9-0290, 950501-V-1  
Sample Descript: B-7  
Matrix: LIQUID  
Analysis Method: EPA 8015 Mod  
Lab Number: 9505036-04

Sampled: 05/01/95  
Received: 05/01/95  
Extracted: 05/02/95  
Analyzed: 05/05/95  
Reported: 05/09/95

QC Batch Number: GC0502950HBPEXZ  
Instrument ID: GCHP5B

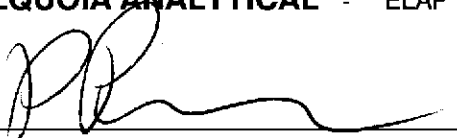
**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	53
Chromatogram Pattern: Unidentified HC		C10-C24

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50      150	92

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-0290, 950501-V-1  
Sample Descript: B-7  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9505036-04

Sampled: 05/01/95  
Received: 05/01/95  
Analyzed: 05/03/95  
Reported: 05/09/95

QC Batch Number: GC050395BTEX03A  
Instrument ID: GCHP03

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	105

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-8 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9505036-05	Sampled: 05/01/95 Received: 05/01/95 Extracted: 05/02/95 Analyzed: 05/05/95 Reported: 05/09/95
---	--	--

QC Batch Number: GC0502950HBPEXZ  
Instrument ID: GCHP5B

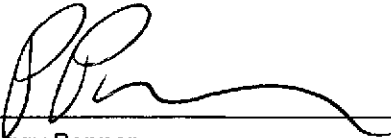
**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern: Unidentified HC	50	51 C10-C24

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50      150	92

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
 \_\_\_\_\_  
 Peggy Penner  
 Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505036-05	Sampled: 05/01/95 Received: 05/01/95 Analyzed: 05/03/95 Reported: 05/09/95
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QC Batch Number: GC050395BTEX03A  
Instrument ID: GCHP03


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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	107

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

**SEQUOIA ANALYTICAL** - ELAP #1210




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Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-9 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9505036-06	Sampled: 05/01/95 Received: 05/01/95 Extracted: 05/02/95 Analyzed: 05/06/95 Reported: 05/09/95
Attention: Jim Keller		

QC Batch Number: GC0502950HBPEXZ  
Instrument ID: GCHP5B


**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50	N.D.

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50                      150	93

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

**SEQUOIA ANALYTICAL** - ELAP #1210




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Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: B-9 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505036-06	Sampled: 05/01/95 Received: 05/01/95 Analyzed: 05/03/95 Reported: 05/09/95
Attention: Jim Keller		

QC Batch Number: GC050395BTEX03A  
Instrument ID: GCHP03

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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	107

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290, 950501-V-1 Sample Descript: Trip Blank Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505036-07	Sampled: 05/01/95 Received: 05/01/95 Analyzed: 05/03/95 Reported: 05/09/95
Attention: Jim Keller		

QC Batch Number: GC050395BTEX03A  
Instrument ID: GCHP03


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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	105

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

**SEQUOIA ANALYTICAL** - ELAP #1210



\_\_\_\_\_  
Peggy Penner  
Project Manager





**Sequoia  
Analytical**

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

Redwood City, CA 94063  
Walnut Creek, CA 94598  
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(415) 364-9600  
(510) 988-9600  
(916) 921-9600

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

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

Client Proj. ID: Chevron 9-0290, 950501-V-1

Lab Proj. ID: 9505036


Received: 05/01/95

Reported: 05/09/95

## LABORATORY NARRATIVE

TEPH Note: Sample 9505036-01 was diluted 1.67-fold.

**SEQUOIA ANALYTICAL**

  
Peggy Penner  
Project Manager







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

Client Project ID: **Chevron 9-0290, 950501-V1**  
Matrix: **Liquid**

Work Order #: **9505036 -01, 03- 07**

Reported: **May 15, 1995**

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC050395BTEX03A	GC050395BTEX03A	GC050395BTEX03A	GC050395BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950416111	950416111	950416111	950416111
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/3/95	5/3/95	5/3/95	5/3/95
Analyzed Date:	5/3/95	5/3/95	5/3/95	5/3/95
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.7	9.9	10	30
MS % Recovery:	97	99	100	100
Dup. Result:	9.5	9.6	9.8	28
MSD % Recov.:	95	96	98	93
RPD:	2.1	3.1	2.0	6.9
RPD Limit:	0-50	0-50	0-50	0-50

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

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

**SEQUOIA ANALYTICAL**

Peggy Penner  
Project Manager

**Please Note:**

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

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

9505036.BLA <1>





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

Client Project ID: Chevron 9-0290, 950501-V1  
Matrix: Liquid

Work Order #: 9505036-02

Reported: May 15, 1995

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC050395BTEX17A	GC050395BTEX17A	GC050395BTEX17A	GC050395BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950416110	950416110	950416110	950416110
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/3/95	5/3/95	5/3/95	5/3/95
Analyzed Date:	5/3/95	5/3/95	5/3/95	5/3/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L

Result:	8.7	9.0	9.0	27
MS % Recovery:	87	90	90	90

Dup. Result:	9.2	9.5	9.5	28
MSD % Recov.:	92	95	95	93

RPD:	5.6	5.4	5.4	3.6
RPD Limit:	0-50	0-50	0-50	0-50


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

MS/MSD	Benzene	Toluene	Ethyl Benzene	Xylenes
LCS	71-133	72-128	72-130	71-120
Control Limits				

**Please Note:**

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

**SEQUOIA ANALYTICAL**

  
Peggy Penner  
Project Manager

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

9505036.BLA <2>





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

Client Project ID: **Chevron 9-0290, 950501-V1**  
Matrix: **Liquid**  
Work Order #: **9505036-01-06**

Reported: **May 15, 1995**

**QUALITY CONTROL DATA REPORT**

**Analyte:** Diesel  
**QC Batch#:** GC0502950HBPEXZ  
**Analy. Method:** EPA 8015M  
**Prep. Method:** EPA 3520

**Analyst:** T. Olive  
**MS/MSD #:** 9504J4902  
**Sample Conc.:** 510  
**Prepared Date:** 5/2/95  
**Analyzed Date:** 5/5/95  
**Instrument I.D.#:** GCHP5B  
**Conc. Spiked:** 600 µg/L

**Result:** 1000  
**MS % Recovery:** 82

**Dup. Result:** 770  
**MSD % Recov.:** 43

**RPD:** 26  
**RPD Limit:** 0-50

**LCS #:** BLK050295  
**Prepared Date:** 5/2/95  
**Analyzed Date:** 5/4/95  
**Instrument I.D.#:** GCHP4A  
**Conc. Spiked:** 600 µg/L  
**LCS Result:** 400  
**LCS % Recov.:** 67

**MS/MSD  
LCS  
Control Limits** 38-122

**SEQUOIA ANALYTICAL**  
  
Peggy Penner  
Project Manager

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

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

9505036.BLA <3>



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

**Chain-of-Custody-Record**

Chevron U.S.A. Inc. P.O. BOX 5004 San Ramon, CA 94583 FAX (415)842-9591	Chevron Facility Number <u>9-0290</u>	Chevron Contact (Name) <u>Mark Miller</u>
	Facility Address <u>1802 Webster St., Alameda, CA</u>	(Phone) <u>(510) 842-8134</u>
	Consultant Project Number <u>950501-V-1</u>	Laboratory Name <u>Sequoia</u>
Consultant Name <u>Blaine Tech Services, Inc.</u>	Address <u>985 Timothy Dr., San Jose, CA 95133</u>	Laboratory Release Number <u>2172720</u>
Project Contact (Name) <u>Jim Keller</u>	(Phone) <u>408 995-5535</u> (Fax Number) <u>408 293-8773</u>	Samples Collected by (Name) <u>FA JANDER BROECK</u>
		Collection Date <u>5-1-95</u>
		Signature <u>[Signature]</u>

Sample Number	Lab Sample Number	Number of Containers	Media S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Dissolve	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed											DO NOT BILL FOR TB-LB	Remarks
								ECX + TPH GAS (8220 + 5015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (9010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	[9505036]				
B-1		5	W	G	1240	HCL	Y	✓	✓											
B-5		5			1206			✓	✓											
B-6		5			1128			✓	✓											
B-7		5			0944			✓	✓											
B-8		5			1054			✓	✓											
B-9		5			1021			✓	✓											
Trip		2	W	Trip	0800	HCL	Y	✓											4	

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>5/1/95 1545</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SEADRIA</u>	Date/Time <u>5/1/95 3:45</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Controlled</u>
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>SEADRIA</u>	Date/Time <u>5/1/95 9:30</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	
Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>5/1/95 1630</u>	

# **Field Data Sheets**



# WELL MONITORING DATA SHEET

Project #: <b>950501-V4</b>	Client: <b>9-0290</b>
Sampler: <b>Fred</b>	Date Sampled: <b>5-14-95</b>
Well I.D.: <b>A-1</b>	Well Diameter: (circle one) 2 3 <b>4</b> 6
Total Well Depth: Before <b>11.14</b> After	Depth to Water: Before <b>5.80?</b> After
Depth to Free Product: <b>.6?</b>	Thickness of Free Product (feet):
Measurements referenced to: <b>PVC</b> Grade Other --	

Volume Conversion Factor (VCF):  
 $VCF = (d^2/n) \times \pi / 231$   
 where  
 $d = \text{in./foot}$   
 $n = \text{density (lb./cu. ft.)}$   
 $231 = \text{in}^3/\text{gal}$

Well Dia.	VCF
2"	0.14
3"	0.32
4"	0.48
6"	1.07
8"	1.94
10"	3.17

\_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_ gallons

1 Case Volume                      Specified Volumes

Purging: Bailer <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Suction Pump <input type="checkbox"/> Type of Installed Pump _____	Sampling: Bailer <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Suction Pump <input type="checkbox"/> Installed Pump <input type="checkbox"/>
---	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
		<b>Free Product</b>				

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

Sampling Time:

Sample I.D.:

Laboratory:

Analyzed for:

Duplicate I.D.:

Cleaning Blank I.D.:

Analyzed for:

Shipping Notations:

Additional Notations:

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-V-1</u>	Station #: <u>9-0290</u>
Sampler: <u>Fred</u>	Start Date: <u>5-1-95</u>
Well I.D.: <u>B-1</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before <u>17.30</u> After	Depth to Water: Before <u>5.12</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other:	

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

<u>1.94</u>	x	<u>3</u>	=	<u>5.84</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ✓ Chevron Dr's  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other \_\_\_\_\_

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1220	65.8	7.8	1000	>200	2.0	odor
1225	66.2	7.4	1000	>200	4.0	
1230	66.2	7.4	1000	>200	6.0	

Did Well Dewater?      If yes, gals.      Gallons Actually Evacuated: 6.0

Sampling Time: 1240      Sampling Date: \_\_\_\_\_

Sample I.D.: B-1      Laboratory: S&P

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

Duplicate I.D.: \_\_\_\_\_      Cleaning Blank I.D.: \_\_\_\_\_

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



# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-V-1</u>	Station #: <u>9-0290</u>
Sampler: <u>Fred</u>	Start Date: _____
Well I.D.: <u>B-5</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>18.06</u> After _____	Depth to Water: Before <u>4.43</u> After _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>(PVC)</u>	Grade _____ Other: _____

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

<u>2.18</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>6.54</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer <input checked="" type="checkbox"/> <u>Down Dr's.</u> Disposable Bailer _____ Middleburg _____ Electric Submersible _____ Extraction Pump _____ Other _____	Sampling: Bailer <input checked="" type="checkbox"/> Disposable Bailer _____ Extraction Port _____ Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1144	66.0	8.0	800	>200	2.5	
1150	66.2	7.6	1000	>200	5.0	
1156	65.8	7.6	1000	>200	7.0	

Did Well Dewater? _____	If yes, gals. _____	Gallons Actually Evacuated: <u>7.0</u>
Sampling Time: <u>1206</u>	Sampling Date: <u>5-1-95</u>	
Sample I.D.: <u>B-5</u>	Laboratory: <u>SEQ</u>	
Analyzed for: (Circle) <u>TPH-G</u> BTEX TPH-D OTHER: _____		
Duplicate I.D.: _____	Cleaning Blank I.D.: _____	
Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER: _____		

slow to Recharge

# CHEVRON WELL MONITORING DATA SHEET

Project #: 950501-1-1	Station #: 9-0290
Sampler: Fred	Start Date: 5-1-95
Well I.D.: B-6	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before 18.76 After	Depth to Water: Before 5.03 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>FVC</u>	Grade      Other:

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

2.119	x	3	=	6.59
1 Case Volume		Specified Volumes		gallons

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1112	66.6	7.2	1000	7200	2.5	
1115	66.6	7.0	1000	7200	5.0	
1118	66.6	7.0	1000	7200	7.0	

Did Well Dewater? no If yes, gals.      Gallons Actually Evacuated: 7.0

Sampling Time: 1128      Sampling Date:

Sample I.D.: B-6      Laboratory: SEP

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-U-1</u>	Station #: <u>9-0290</u>
Sampler: <u>Fred</u>	Start Date: <u>5-1-95</u>
Well I.D.: <u>B-7</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>13.88</u> After	Depth to Water: Before <u>4.50</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other:	

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

<u>1.50</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>4.50</u>	<u>gallons</u>
1 Case Volume		Specified Volumes			

Purging: <u>Bailer</u> <u>Chevron Disp.</u> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other _____	Sampling: <u>Bailer</u> Disposable Bailer Extraction Port Other _____
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TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>0926</u>	<u>65.2</u>	<u>6.8</u>	<u>1000</u>	<u>&gt;200</u>	<u>1.5</u>	
<u>0931</u>	<u>65.8</u>	<u>6.6</u>	<u>1000</u>	<u>&gt;200</u>	<u>3.0</u>	
<u>0934</u>	<u>65.4</u>	<u>6.6</u>	<u>1000</u>	<u>&gt;200</u>	<u>4.5</u>	

Did Well Dewater? no If yes, gals. Gallons Actually Evacuated: 4.5

Sampling Time: 0944 Sampling Date: 5-1-95

Sample I.D.: B-7 Laboratory: \_\_\_\_\_

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

Duplicate I.D.: \_\_\_\_\_ Cleaning Blank I.D.: \_\_\_\_\_

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

Slow to Recharge

# CHEVRON WELL MONITORING DATA SHEET

Project #: 950501-U-1	Station #: 9-0290
Sampler: Fred	Start Date: 5-1-95
Well I.D.: B-8	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before 14.08 After	Depth to Water: Before 5.00 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(SVC)</u> Grade Other:	

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

$$\underline{1.45} \times \underline{3} = \underline{4.35}$$

1 Case Volume                      Specified Volumes                      =                      gallons

Purging: Bailer       Chevron-Disp      Sampling: Bailer   
 Disposable Bailer      Middleburg      Disposable Bailer  
 Electric Submersible      Extraction Port  
 Extraction Pump      Other \_\_\_\_\_  
 Other \_\_\_\_\_

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1038	65.2	8.2	1000	>200	1.5	
1041	64.8	7.6	1000	>200	3.0	
1044	64.6	7.6	1000	>200	4.5	

Did Well Dewater? NO If yes, gals.      Gallons Actually Evacuated: 4.5

Sampling Time: 1054      Sampling Date: 5-1-95

Sample I.D.: B-8      Laboratory: SEQ

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: 950501-V-1	Station #: 9-0290
Sampler: Fred	Start Date: 5-1-95
Well I.D.: B-9	Well Diameter: (circle one) ② 3 4 6
Total Well Depth: Before 13.00 After	Depth to Water: Before 4.29 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other:	

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

<u>1.53</u>	$\times$	<u>3</u>	$=$	<u>4.60</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer  Chevron Disp      Sampling: Bailer   
 Disposable Bailer      Disposable Bailer  
 Middleburg      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_  
 Extraction Pump  
 Other \_\_\_\_\_

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1006	65.6	6.8	1300	>200	1.5	
1008	65.2	7.0	1300	>200	3.0	
1011	65.2	7.0	1300	>200	5.0	

Did Well Dewater? No If yes, gals.      Gallons Actually Evacuated: 5.0

Sampling Time: <u>1021</u>	Sampling Date: <u>5-1-95</u>
Sample I.D.: <u>B-9</u>	Laboratory: <u>SEP</u>
Analyzed for: <u>TPH-G BTEX TPH-D</u> OTHER:	
Duplicate I.D.:      Cleaning Blank I.D.:	
Analyzed for: <u>TPH-G BTEX TPH-D</u> OTHER:	