

ENVIRONMENTAL
PROTECTION

00 JAN -6 PM 4:06



Chevron

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd. Bldg. L
P. O. Box 6004
San Ramon, CA 94583-0804

Site Assessment and
Remediation Group
Phone (510) 842-8500
Fax (510) 842-6370

Date: December 27, 1999
To: Distribution
Re: Groundwater Monitoring Report, 9-3864

The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

If you have any questions, please call me at (510) 842-8695.

Sincerely,

A handwritten signature in cursive script that reads "Brent L. Hunter".

Brent Hunter
Site Assessment and Remediation
Project Manager



1880 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

December 27, 1999

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

3rd Quarter 1999 Monitoring at 9-3864

Third Quarter 1999 Groundwater Monitoring at
Former Chevron Service Station Number 9-3864
5101 Telegraph Avenue
Oakland, CA

Monitoring Performed on September 30, 1999

Groundwater Sampling Report 990930-I-2

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

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

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

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

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

Please call if you have any questions.

Yours truly,



Scott Boor
Project Coordinator

SDB/jh

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

cc: Susan Hugo, Alameda County Health Care Services
Chuck Headlee, RWQCB-San Francisco Bay Region
Howard Schindler, Saul Gevertz and John Eager, Temescal Triangle
Investors
Breece Sloan
John Gwynn, Gwynn-Schiels & Associates
Greg Gurss, Gettler-Ryan, Inc.
Bette Owen, Chevron Products Co. (w/o enclosure)

Professional Engineering Appendix

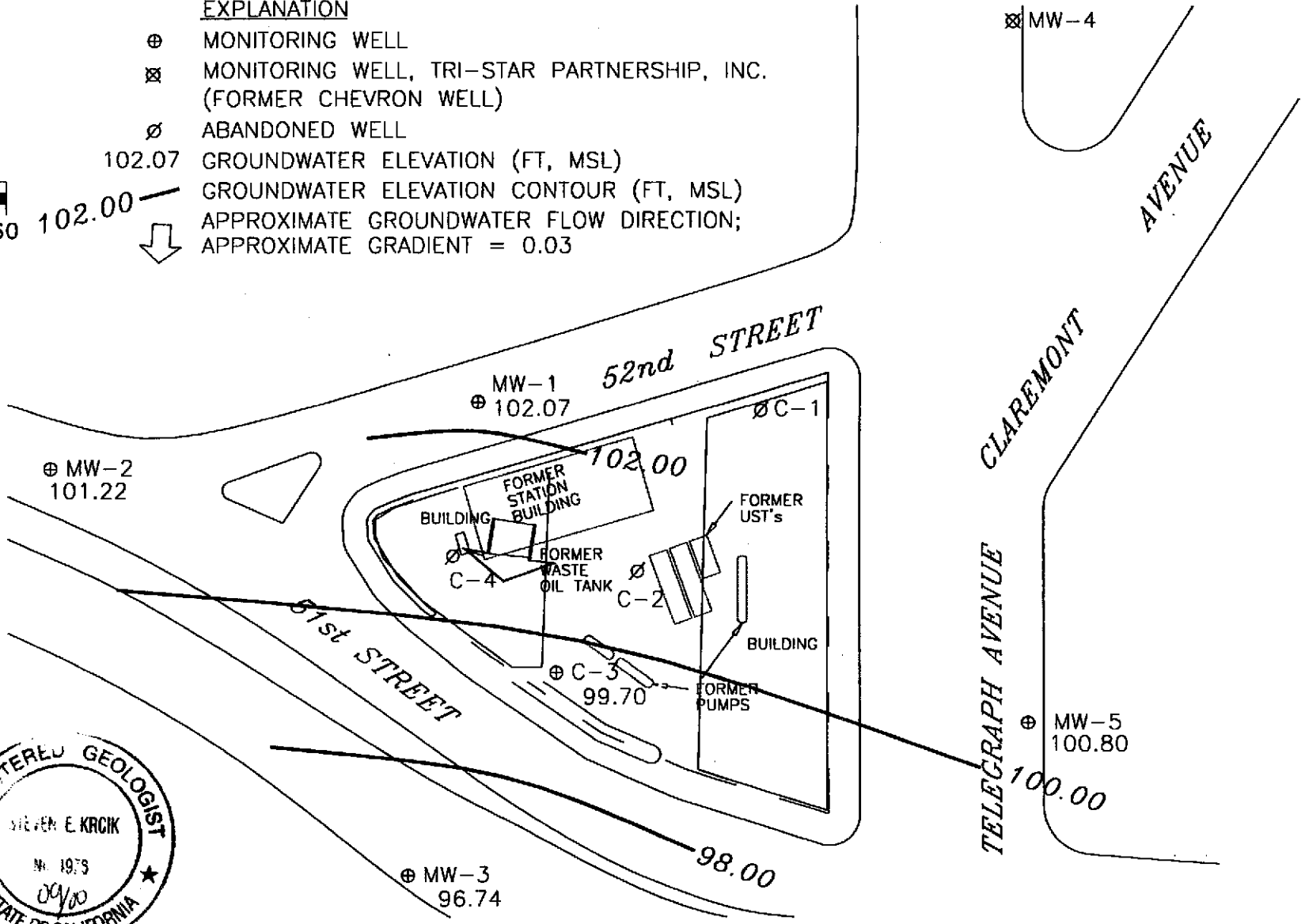


SCALE (ft)



EXPLANATION

- ⊕ MONITORING WELL
- ⊗ MONITORING WELL, TRI-STAR PARTNERSHIP, INC. (FORMER CHEVRON WELL)
- ∅ ABANDONED WELL
- 102.07 GROUNDWATER ELEVATION (FT, MSL)
- GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- ↓ APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.03



Ref. 3864-qm.dwg
Base map from Geoconsultants, Inc.

PREPARED BY

Former Chevron Station 9-3864
5101 Telegraph Avenue
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP,
SEPTEMBER 30, 1999

FIGURE:
1
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
C-1										
12/06/90	117.45	102.11	15.34	--	1900	17	11	3.0	21	--
06/06/91	117.45	102.83	14.62	--	3400	21	15	11	18	--
12/04/91	117.45	102.97	14.48	--	2700	22	16	13	23	--
06/02/92	117.45	102.92	14.53	--	1900	170	170	13	83	--
09/16/92	117.45	102.52	14.93	--	810	5.8	5.7	2.0	6.3	--
12/21/92	117.45	103.72	13.73	--	75	2.4	2.9	1.4	4.7	--
03/11/93	117.45	103.62	13.83	--	150	2.4	20	3.3	23	--
06/11/93	117.45	103.26	14.19	--	400	4.3	2.3	1.0	3.5	--
09/13/93	117.45	102.85	14.60	--	4100	62	43	34	57	--
12/14/93	117.45	103.67	13.78	--	3100	9.5	4.5	1.2	11	--
03/16/94	117.45	103.44	14.01	--	410	6.3	3.1	1.3	4.5	--
06/17/94	117.45	102.90	14.55	--	3700	100	42	30	91	--
08/29/94	117.45	102.96	14.49	--	2600	15	<0.5	6.7	9.7	--
12/06/94	117.45	104.04	13.41	--	510	2.0	2.2	1.7	9.4	--
03/31/95	117.45	105.33	12.12	--	5440	9.0	2.3	2.0	3.6	--
06/24/95	117.45	103.45	14.00	--	260	5.8	1.0	0.94	0.88	--
09/12/95	117.45	103.42	14.03	--	650	14	1.1	1.6	2.4	--
12/29/95	117.45	104.50	12.95	--	990	32	6.3	4.0	3.2	46
02/29/96	117.45	105.27	12.18	--	840	2.5	<1.0	2.6	7.3	<5.0
06/26/96	117.45	103.72	13.73	--	290	3.6	0.73	1.0	1.1	9.9
09/12/96	117.45	103.32	14.13	--	1200	17	1.8	4.0	4.4	24
12/11/96	117.45	104.66	12.79	--	7700	<10	53	19	44	87
03/31/97	117.45	--	--	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
C-2										
12/06/90	116.16	100.82	15.34	--	210	140	9.0	2.0	11	--
06/06/91	116.16	101.54	14.62	--	4800	340	23	19	23	--
12/04/91	116.16	100.73	15.43	--	3900	85	15	9.1	15	--
06/02/92	116.16	101.74	14.42	--	3300	76	9.2	14	15	--
09/16/92	116.16	101.35	14.81	--	3000	16	15	3.4	7.5	--
12/21/92	116.16	102.79	13.37	--	2200	21	12	7.1	15	--
03/11/93	116.16	102.69	13.47	--	2200	33	24	12	25	--
06/11/93	116.16	102.18	13.98	--	2600	21	25	11	26	--
09/13/93	116.16	101.61	14.55	--	2100	31	25	18	39	--
12/14/93	116.16	102.46	13.70	--	3800	<2.5	24	12	20	--
03/16/94	116.16	102.51	13.65	--	2600	12	15	10	17	--
06/17/94	116.16	102.87	13.29	--	2400	17	19	28	71	--
08/29/94	116.16	111.60	4.56	--	3000	29	15	20	4.2	--
12/06/94	116.16	102.98	13.18	--	1900	7.9	30	14	31	--
03/31/95	116.16	104.10	12.06	--	890	<1.3	<1.3	2.6	<1.3	--
06/24/95	116.16	102.19	13.97	--	730	4.8	<0.5	5.4	0.96	--
09/12/95	116.16	102.28	13.88	--	1600	<2.5	<2.5	5.4	<2.5	--
12/29/95	116.16	103.31	12.85	--	1000	9.1	2.7	8.7	2.7	19
02/29/96	116.16	104.09	12.07	--	850	<2.5	<2.5	8.7	11	<12
06/26/96	116.16	102.50	13.66	--	2500	14	<5.0	13	6.3	<25
09/12/96	116.16	102.25	13.91	--	1800	26	19	17	31	37
12/11/96	116.16	103.82	12.34	--	2800	<5.0	34	14	<5.0	41
03/31/97	116.16	--	--	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
C-3										
12/06/90	115.70	98.84	16.86	--	210	2.0	<0.5	<0.5	1.0	--
12/06/90	115.70	--	--	Duplicate	220	2.0	0.6	<0.5	2.0	--
06/06/91	115.70	100.01	15.69	--	6400	310	21	16	21	--
09/16/92	115.70	99.81	15.89	--	7100	130	26	12	30	--
12/04/91	115.70	100.32	15.38	--	5100	120	18	17	20	--
06/02/92	115.70	100.30	15.40	--	6700	140	44	17	37	--
12/21/92	115.70	101.79	13.91	--	13,000	390	360	100	410	--
03/11/93	115.70	101.95	13.75	--	5100	86	20	12	23	--
06/11/93	115.70	101.03	14.67	--	7200	91	38	19	38	--
09/13/93	115.70	100.17	15.53	--	6800	100	52	41	75	--
12/14/93	115.70	101.30	14.40	--	8600	74	23	18	36	--
03/16/94	115.70	101.44	14.26	--	6000	100	42	27	30	--
06/17/94	115.70	100.60	15.10	--	15,000	170	120	120	270	--
08/29/94	115.70	100.30	15.40	--	26,000	51	<0.5	58	107	--
12/06/94	115.70	101.90	13.80	--	34,000	88	140	98	390	--
03/31/95	115.70	102.91	12.79	--	2800	42	<5.0	<5.0	6.6	--
06/24/95	115.70	100.84	14.86	--	5200	34	<10	<10	13	--
09/12/95	115.70	100.76	14.94	--	7000	45	<10	28	42	--
12/29/95	115.70	102.12	13.58	--	5100	20	<10	<10	19	<50
02/29/96	115.70	102.88	12.82	--	2600	15	<5.0	17	16	<25
06/26/96	115.70	101.32	14.38	--	4400	<10	<10	<10	<10	<50
09/12/96	115.70	100.75	14.95	--	5800	73	22	18	17	61
12/11/96	115.70	103.08	12.62	--	8800	81	<20	<20	37	200
03/31/97	115.70	100.70	15.00	--	8100	38	62	30	42	38
06/29/97	115.70	100.08	15.62	--	5800	<10	<10	<10	67	<50
09/30/97	115.70	100.70	15.00	--	6200	<10	28	21	27	130
12/12/97	115.70	103.68	12.02	--	330	1.6	1.1	<1.0	3.4	<5.0
02/19/98	115.70	103.26	12.44	--	110	1.7	<0.5	<0.5	0.51	<2.5
06/16/98	115.70	102.29	13.41	--	7400	63	16	<10	<10	170
08/31/98	115.70	101.70	14.00	--	4400	6.4	<2.5	5.4	16	15
12/23/98	115.70	102.91	12.79	--	11,000	83	37	69	76	86
03/09/99	115.70	102.70	13.00	--	6500	45	38	17	30	110
06/23/99	115.70	101.92	13.78	*	--	--	--	--	--	--
09/30/99	115.70	99.70	16.00	--	3870	29.7	8.72	7.08	7.75	<50

* ORC's Installed.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-4										
12/06/90	116.10	98.42	17.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	116.10	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	116.10	99.61	16.49	--	<50	1.0	1.0	<0.5	0.7	--
12/04/91	116.10	99.28	16.82	--	70	6.5	9.8	1.7	8.6	--
06/02/92	116.10	99.18	16.92	--	70	3.0	4.4	1.8	9.0	--
09/16/92	116.10	98.39	17.71	--	<50	1.4	1.8	<0.5	1.1	--
12/21/92	116.10	100.74	15.36	--	<50	0.6	0.7	<0.5	1.5	--
03/11/93	116.10	100.61	15.49	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	116.10	99.83	16.27	--	52	0.9	3.1	0.7	3.8	--
09/13/93	116.10	98.92	17.18	--	64	0.9	1.0	<0.5	1.7	--
12/14/93	116.10	101.03	15.07	--	<50	<0.5	0.8	<0.5	0.7	--
03/16/94	116.10	100.19	15.91	--	<50	<0.5	1.0	<0.5	0.8	--
06/17/94	116.10	99.46	16.64	--	230	0.6	2.2	2.2	11	--
08/29/94	116.10	99.05	17.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.10	101.52	14.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	116.10	102.26	13.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.10	100.05	16.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.10	99.87	16.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.10	101.35	14.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.10	102.40	13.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.10	100.30	15.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.10	99.67	16.43	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.10	103.18	12.92	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	116.10	--	--	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
MW-1										
09/20/93	115.05	102.37	12.68	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	115.05	105.01	10.04	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	115.05	103.10	11.95	--	<50	<0.5	1.7	<0.5	2.1	--
06/17/94	115.05	102.51	12.54	--	350	1.2	3.7	2.0	12	--
08/29/94	115.05	101.98	13.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	115.05	104.45	10.60	--	140	0.9	2.8	1.1	4.2	--
03/31/95	115.05	104.74	10.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	115.05	102.44	12.61	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	115.05	102.00	13.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/02/96	115.05	106.19	8.86	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	115.05	105.39	9.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	115.05	102.85	12.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	115.05	101.55	13.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	115.05	105.90	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	115.05	102.30	12.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	115.05	102.01	13.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	115.05	101.80	13.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	115.05	106.06	8.99	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	115.05	105.64	9.41	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	115.02	103.48	11.54	--	<50	<0.5	<0.5	<0.5	<0.5	2.6
08/31/98	115.02	102.51	12.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	115.02	103.03	11.99	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	115.02	104.57	10.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	115.02	102.07	12.95	Sampled annually	--	--	--	--	--	--

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
MW-2										
09/20/93	112.08	99.93	12.15	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	112.08	97.36	14.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	112.08	100.92	11.16	--	<50	<0.5	1.1	<0.5	0.9	--
06/17/94	112.08	100.41	11.67	--	330	1.4	3.3	1.9	11	--
08/29/94	112.08	100.08	12.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	112.08	102.57	9.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	112.08	103.24	8.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	112.08	100.44	11.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	112.08	100.00	12.08	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	112.08	101.58	10.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	112.08	104.08	8.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	112.08	100.58	11.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	112.08	99.81	12.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	112.08	104.17	7.91	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	112.08	100.20	11.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	112.08	99.89	12.19	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	112.08	99.46	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	112.08	102.85	9.23	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	112.08	104.87	7.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	112.03	101.10	10.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	112.03	99.69	12.34	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	112.03	100.59	11.44	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	112.03	103.23	8.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	112.03	101.22	10.81	Sampled annually	--	--	--	--	--	--

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
MW-3										
09/20/93	113.67	97.25	16.42	--	6600	400	11	32	23	--
12/14/93	113.67	98.95	14.72	--	8400	390	9.4	13	<2.5	--
03/16/94	113.67	98.45	15.22	--	6900	260	30	32	27	--
06/17/94	113.67	97.62	16.05	--	10,000	190	61	58	190	--
08/29/94	113.67	97.44	16.23	--	7200	74	9.8	26	24	--
12/06/94	113.67	99.35	14.32	--	13,000	610	86	88	140	--
03/31/95	113.67	99.98	13.69	--	4300	120	<10	12	<10	--
06/24/95	113.67	98.02	15.65	--	6200	210	24	29	12	--
09/12/95	113.67	97.68	15.99	--	7200	190	<20	<20	<20	--
12/29/95	113.67	99.67	14.00	--	7100	200	<10	45	24	<50
02/29/96	113.67	100.91	12.76	--	1200	30	<5.0	<5.0	<5.0	<25
06/26/96	113.67	98.44	15.23	--	7900	180	<20	35	28	240
09/12/96	113.67	97.73	15.94	--	11,000	150	<5.0	35	28	170
12/11/96	113.67	99.86	13.81	--	7500	75	8.8	30	45	110
03/31/97	113.67	98.23	15.44	--	8700	100	<10	20	23	50
06/29/97	113.67	97.99	15.68	--	9300	120	28	22	19	150
09/30/97	113.67	97.76	15.91	--	8200	78	<10	22	25	96
12/12/97	113.67	100.82	12.85	--	68	1.8	<0.5	<0.5	<0.5	<2.5
02/19/98	113.67	100.41	13.26	--	220	5.6	1.5	<0.5	<0.5	6.1
06/16/98	113.63	99.12	14.51	--	7500	97	21	21	27	160
08/31/98	113.63	98.62	15.01	--	7600	24	<2.5	9.5	16	38
12/23/98	113.63	100.03	13.60	--	5800	69	<50	<50	<50	<250
03/09/99	113.63	99.59	14.04	--	5300	<10	<10	16	20	88
06/23/99	113.63	--	--	*	--	--	--	--	--	--
07/19/99	113.63	--	--	*	--	--	--	--	--	--
09/30/99	113.63	96.74	16.89	--	8660	53.7	16.9	17	19.6	132

* ORC's Installed.

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
MW-4										
09/20/93	118.10	107.17	10.93	--	5800	16	4.2	35	48	--
12/14/93	118.10	108.33	9.77	--	7100	19	6.5	24	35	--
03/16/94	118.10	107.99	10.11	--	8500	83	43	60	70	--
06/17/94	118.10	107.20	10.90	--	21,000	150	20	140	350	--
08/29/94	118.10	107.28	10.82	--	10,000	86	71	44	85	--
12/06/94	118.10	108.70	9.40	--	13,000	68	56	67	110	--
03/31/95	118.10	109.31	8.79	--	6700	100	9.4	26	23	--
06/24/95	118.10	107.60	10.50	--	6300	<20	<20	<20	24	--
09/12/95	118.10	107.90	10.20	--	7100	65	16	<10	21	--
12/29/95	118.10	108.86	9.24	--	3300	<10	<10	12	14	720
02/29/96	118.10	111.85	6.25	--	5100	<10	37	23	21	85
06/26/96	118.10	107.92	10.18	--	6800	<20	<20	<20	<20	<100
09/12/96	118.10	107.53	10.57	--	13,000	150	<10	38	35	240
12/11/96	118.10	109.39	8.71	--	26,000	<20	<20	<20	170	<100
03/31/97	118.10	107.18	10.92	--	12,000	120	74	45	70	240
06/29/97	118.10	106.43	11.67	--	8800	24	<10	35	36	62
09/30/97	118.10	107.20	10.90	--	10,000	<10	<10	37	35	72
12/12/97	118.10	105.16	12.94	--	4600	95	41	20	25	91
02/19/98	118.10	110.33	7.77	--	5400	87	16	32	31	110
06/16/98	118.08	107.82	10.26	*	10,000	<20	<20	35	37	150

NO LONGER MONITORED OR SAMPLED

* Transfer of title to Tri-Star Partnership, Inc. effective July 14, 1998.

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
MW-5										
09/20/93	116.74	101.43	15.31	--	590	25	1.8	0.6	2.0	--
12/14/93	116.74	102.19	14.55	--	210	11	6.3	2.3	6.1	--
03/16/94	116.74	101.77	14.97	--	270	12	16	4.8	17	--
06/17/94	116.74	101.36	15.38	--	220	24	17	6.7	28	--
08/29/94	116.74	101.54	15.20	--	1000	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.74	102.09	14.65	--	110	9.2	9.7	2.2	11	--
03/31/95	116.74	103.04	13.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.74	101.95	14.79	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.74	102.15	14.59	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.74	101.76	14.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.74	103.07	13.67	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.74	102.50	14.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.74	102.12	14.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.74	102.93	13.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	116.74	101.29	15.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	116.74	102.07	14.67	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	116.74	101.89	14.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	116.74	102.99	13.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	116.74	103.68	13.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	116.70	102.35	14.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	116.70	101.54	15.16	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	116.70	102.15	14.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	116.70	102.63	14.07	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	116.70	100.80	15.90	Sampled annually	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Analytical results are in parts per billion (ppb)						
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
TRIP BLANK										
12/06/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/02/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/16/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/21/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/13/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/11/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.9
03/09/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on March 31, 1995.
 Earlier field data and analytical results provided by Sierra Environmental.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons
 MTBE = Methyl t-butyl Ether

Analytical Appendix



October 18, 1999

Christine Lillie
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

RE: Chevron(8)/L910026

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on October 1, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

for Wayne Stevenson
Project Manager

CA ELAP Certificate Number 2245





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864,5101 Telegraph Oakland Project Manager: Christine Lillie	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/18/99
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ANALYTICAL REPORT FOR L910026

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C-3	L910026-01	Water	9/30/99
MW-3	L910026-02	Water	9/30/99
TB	L910026-03	Water	9/30/99





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864,5101 Telegraph Oakland Project Manager: Christine Lillie	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/18/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - San Carlos**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
C-3				<u>L910026-01</u>			<u>Water</u>	
Purgeable Hydrocarbons as Gasoline	9100073	10/14/99	10/14/99		500	3870	ug/l	1
Benzene	"	"	"		5.00	29.7	"	
Toluene	"	"	"		5.00	8.72	"	
Ethylbenzene	"	"	"		5.00	7.08	"	
Xylenes (total)	"	"	"		5.00	7.75	"	
Methyl tert-butyl ether	"	"	"		50.0	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		84.2	%	
MW-3				<u>L910026-02</u>			<u>Water</u>	
Purgeable Hydrocarbons as Gasoline	9100073	10/14/99	10/14/99		1000	8660	ug/l	1
Benzene	"	"	"		10.0	53.7	"	
Toluene	"	"	"		10.0	16.9	"	
Ethylbenzene	"	"	"		10.0	17.0	"	
Xylenes (total)	"	"	"		10.0	19.6	"	
Methyl tert-butyl ether	"	"	"		100	132	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		92.4	%	
TB				<u>L910026-03</u>			<u>Water</u>	
Purgeable Hydrocarbons as Gasoline	9100061	10/13/99	10/13/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		84.4	%	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864,5101 Telegraph Oakland Project Manager: Christine Lillie	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/18/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9100061		Date Prepared: 10/13/99			Extraction Method: EPA 5030B [P/T]					
Blank		9100061-BLK1								
Purgeable Hydrocarbons as Gasoline	10/13/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	5.00				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.55	"	70.0-130	85.5			
LCS		9100061-BS1								
Benzene	10/13/99	10.0		7.74	ug/l	70.0-130	77.4			
Toluene	"	10.0		7.69	"	70.0-130	76.9			
Ethylbenzene	"	10.0		7.75	"	70.0-130	77.5			
Xylenes (total)	"	30.0		23.3	"	70.0-130	77.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		7.73	"	70.0-130	77.3			
LCS		9100061-BS2								
Purgeable Hydrocarbons as Gasoline	10/13/99	250		248	ug/l	70.0-130	99.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		7.89	"	70.0-130	78.9			
Matrix Spike		9100061-MS1		L910030-01						
Purgeable Hydrocarbons as Gasoline	10/13/99	250	ND	253	ug/l	60.0-140	101			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.30	"	70.0-130	93.0			
Matrix Spike Dup		9100061-MSD1		L910030-01						
Purgeable Hydrocarbons as Gasoline	10/13/99	250	ND	253	ug/l	60.0-140	101	25.0	0	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.09	"	70.0-130	90.9			
Batch: 9100073		Date Prepared: 10/14/99			Extraction Method: EPA 5030B [P/T]					
Blank		9100073-BLK1								
Purgeable Hydrocarbons as Gasoline	10/14/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	5.00				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.74	"	70.0-130	87.4			
LCS		9100073-BS1								
Benzene	10/14/99	10.0		8.00	ug/l	70.0-130	80.0			
Toluene	"	10.0		7.51	"	70.0-130	75.1			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864,5101 Telegraph Oakland Project Manager: Christine Lillie	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/18/99
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFF/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)		9100073-BS1								
Ethylbenzene	10/14/99	10.0		7.67	ug/l	70.0-130	76.7			
Xylenes (total)	"	30.0		22.5	"	70.0-130	75.0			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.23	"	70.0-130	82.3			
LCS		9100073-BS2								
Purgeable Hydrocarbons as Gasoline	10/14/99	250		245	ug/l	70.0-130	98.0			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.40	"	70.0-130	84.0			
Matrix Spike		9100073-MS1	L910033-03							
Benzene	10/15/99	10.0	ND	7.83	ug/l	60.0-140	78.3			
Toluene	"	10.0	ND	7.51	"	60.0-140	75.1			
Ethylbenzene	"	10.0	ND	7.56	"	60.0-140	75.6			
Xylenes (total)	"	30.0	ND	22.1	"	60.0-140	73.7			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.35	"	70.0-130	83.5			
Matrix Spike Dup		9100073-MSD1	L910033-03							
Benzene	10/15/99	10.0	ND	7.14	ug/l	60.0-140	71.4	25.0	9.22	
Toluene	"	10.0	ND	6.84	"	60.0-140	68.4	25.0	9.34	
Ethylbenzene	"	10.0	ND	6.97	"	60.0-140	69.7	25.0	8.12	
Xylenes (total)	"	30.0	ND	20.1	"	60.0-140	67.0	25.0	9.52	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		7.72	"	70.0-130	77.2			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864,5101 Telegraph Oakland Project Manager: Christine Lillie	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/18/99
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Notes and Definitions

#	Note
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- 1 Chromatogram Pattern: Gasoline C6-C12
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- Recov. Recovery
- RPD Relative Percent Difference



Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 990930-I2	Station #: 9-3864
Sampler: P.E.	Date: 9-30-99
Well I.D.: C-3	Well Diameter: (2) 3 4 6 8
Total Well Depth: 29.11	Depth to Water: 16.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

2.0	x	3	=	6.0	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1539	75.3	8.8	630	2.0	
1541	75.1	8.5	640	4.0	
1543	74.9	8.3	640	6.0	

Did well dewater? Yes No Gallons actually evacuated: 6.0

Sampling Time: 1545 Sampling Date: 9-30-99

Sample I.D.: C-3 Laboratory: Sequoia CORE 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: 1.0 mg/L	Post-purge:	mg/L
R.P. (if req'd):	Pre-purge:	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990930-52	Station #: 9-3864
Sampler: P.F.	Date: 9-30-99
Well I.D.: MW-3	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 26.74	Depth to Water: 16.89
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer
~~Disposable Bailer~~
~~Extraction Port~~
 Other: _____

<u>1.5</u>	X	<u>3</u>	=	<u>4.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
15:40	71.0	6.5	634.7	1.5	ORC in well
15:43	69.6	6.6	648.2	3.0	odor
15:46	68.7	6.7	640.3	4.5	turbid Green

Did well dewater? Yes No

Gallons actually evacuated: 4.5

Sampling Time: 15:52 Sampling Date: 9-30-99

Sample I.D.: MW-3 Laboratory: Sequoia CORE 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:	<u>1.0</u> mg/L	Post-purge:	mg/L
R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV