BLAINE
TECH SERVICES INC.

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

need to look for potential preferential pathways, utilities lines near well MW-3

Also collect DO levels.

Well could be installed bet. Sump island and building to delineate MTBE plume from north island.

May 13, 1997

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

1st Quarter 1997 monitoring at 9-2582

First Quarter 1997 Groundwater Monitoring at
Chevron Service Station number 9-2582
7240 Dublin Boulevard
Dublin, California

Monitoring performed on March 31, 1997

(add SVE system based to remediate MTBE?

Groundwater Sampling Report **970331-C-1**

This report covers the routine quarterly monitoring of groundwater wells at this former Chevron facility. Blaine Tech Services, Inc. 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.

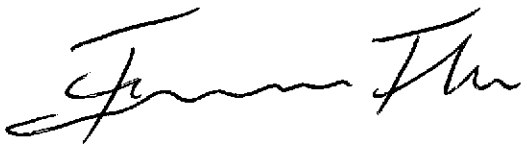
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of WELL DATA AND ANALYTICAL RESULTS. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table

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 on 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.

Yours truly,



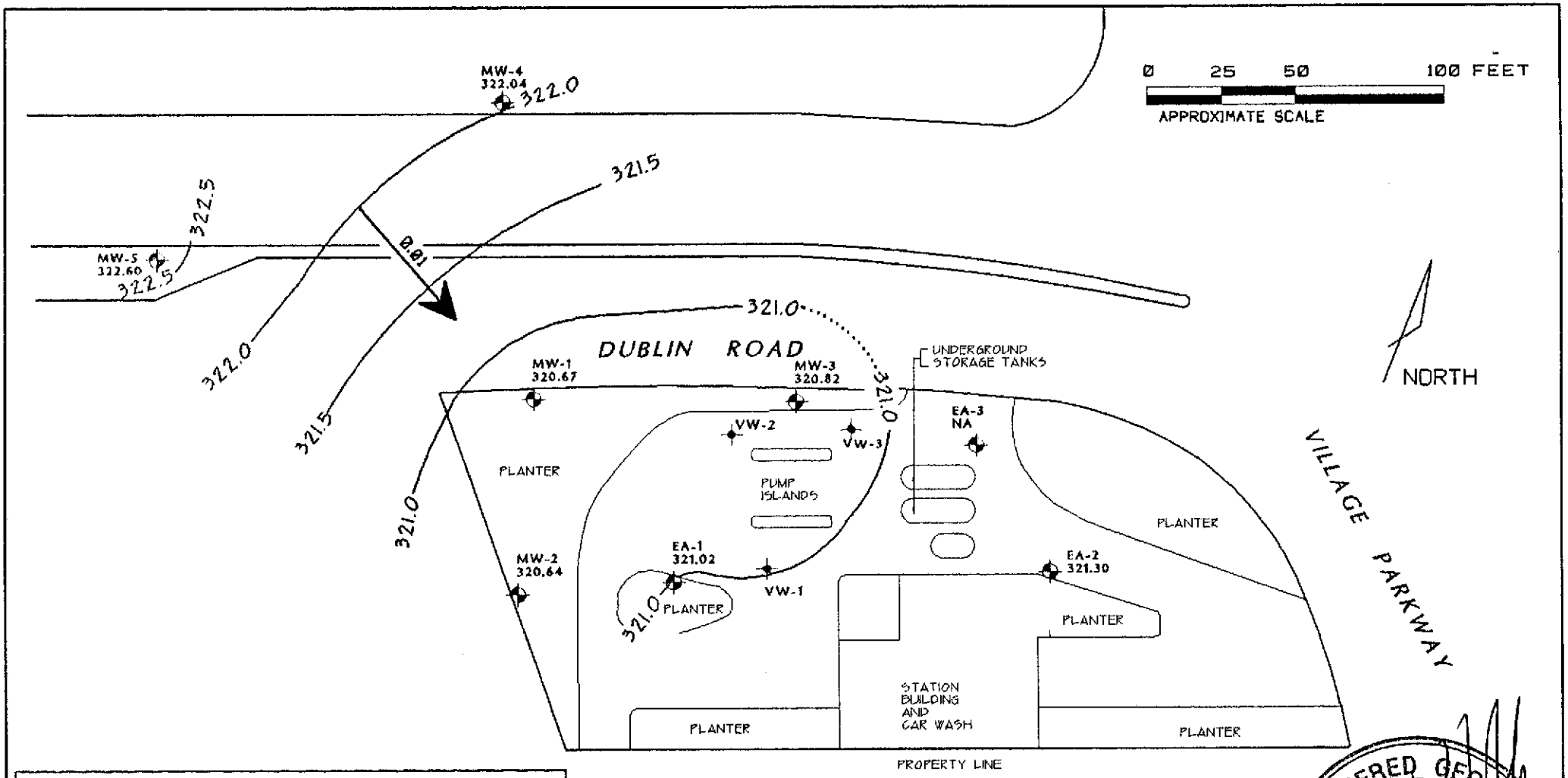
Francis Thie
Vice President

FPT/cg

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

cc: Bette Owen, w/o enclosure
Eva Chu, Alameda County Env. Health
Janet Clinton (for Parkway Three)

Professional Engineering Appendix



EXPLANATION

MW-2	⌖	GROUND-WATER MONITORING WELL
320.64		GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
NA		DATA NOT AVAILABLE
VW-3	⌖	VADOSE MONITORING WELL
321.0		GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
0.01	→	APPROXIMATE DIRECTION OF GROUND-WATER FLOW. GRADIENT INDICATED IN FEET / FEET

REGISTERED GEOLOGIST
JOHN K. HOFFMAN
NO. 1865
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

TITLE : GROUND-WATER ELEVATION CONTOUR MAP - MARCH 31, 1997

LOCATION : FORMER CHEVRON SERVICE STATION #9-2582
7240 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA

SOURCE : RESNA

GEOCONSULTANTS, INC
SAN JOSE, CALIFORNIA
Project No. G758-09
DRWG NO: W033197 REV:

Table of
Well Data and
Analytical Results

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
EA-1											
10/17/88	333.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/88	333.41	322.77	10.64	Gauging	--	--	--	--	--	--	--
11/02/88	333.41	322.72	10.69	Gauging	--	--	--	--	--	--	--
12/20/88	333.41	322.90	10.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/89	Santa Ba	323.54	9.87	--	<250	<0.5	<0.5	<0.5	<0.5	--	--
08/02/89	333.41	323.07	10.34	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	333.41	322.76	10.65	--	<500	<3.0	<5.0	<5.0	<5.0	--	<5.0
01/25/90	333.41	322.81	10.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
04/23/90	333.41	322.83	10.58	--	71	2.0	5.0	3.0	8.0	--	<0.5
08/01/90	333.41	322.53	10.88	--	300	86	21	10	33	--	--
10/24/91	333.41	322.29	11.12	--	280	69	13	11	16	--	--
01/31/91	333.41	322.25	11.16	--	460	160	11	17	17	--	--
08/21/91	333.41	322.61	10.80	--	2400	400	220	44	120	--	--
08/21/91	333.41	--	--	Duplicate	2300	390	210	42	120	--	--
10/07/91	333.41	322.62	10.79	Not sampled	--	--	--	--	--	--	--
01/28/92	333.41	322.62	10.79	--	3600	320	360	110	310	--	--
01/28/92	333.41	--	--	Duplicate	3000	290	320	99	270	--	--
06/05/92	333.41	322.57	10.84	--	1700	290	89	61	130	--	--
09/30/92	333.41	322.35	11.06	--	2100	160	260	80	350	--	--
12/30/92	333.41	323.26	10.15	Sheen, odor	3200	240	180	110	310	--	--
03/29/93	333.41	323.99	9.42	Odor	23,000	700	3000	610	--	--	--
06/25/93	333.41	322.99	10.42	--	2700	130	590	130	590	--	--
09/16/93	333.41	322.75	10.66	--	3900	410	830	220	890	--	--
12/20/93	333.41	322.81	10.60	--	27,000	1200	2600	1100	4200	--	--
03/29/94	333.41	323.00	10.41	--	6300	250	700	200	830	--	--
06/22/94	333.41	323.01	10.40	--	4100	71	240	110	460	<30	<10
09/20/94	333.41	323.04	10.37	--	8500	1200	1300	370	1400	--	--
10/04/94	333.41	323.07	10.34	--	7600	97	360	150	620	--	--
11/30/94	333.41	323.95	9.46	--	8800	180	490	240	900	--	--

CONTINUED ON NEXT PAGE

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
EA-1 (CONT'D)											
03/02/95	331.03	321.07	9.96	--	6900	82	570	210	970	--	--
06/15/95	331.03	321.23	9.80	--	4800	44	210	160	620	<25	--
09/26/95	331.03	320.55	10.48	--	13,000	150	620	370	1400	<125	--
12/28/95	331.03	320.89	10.14	--	11,000	74	250	200	750	79	--
02/29/96	331.03	322.29	8.74	--	17,000	59	480	350	1600	<125	--
06/27/96	331.03	320.82	10.21	--	3600	22	130	130	49	46	--
09/12/96	331.21	320.72	10.49	--	2000	20	<10	18	44	<50	--
03/31/97	331.21	321.02	10.19	--	17,000	87	230	330	1200	310	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
EA-2											
10/17/88	332.59	--	--	--	<50	<0.5	<0.5	<0.5	1.2	--	--
10/24/88	332.59	322.89	9.70	Gauging	--	--	--	--	--	--	--
11/02/88	332.59	322.56	10.03	Gauging	--	--	--	--	--	--	--
12/20/88	332.59	322.61	9.98	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/89	332.59	323.79	8.80	--	<250	<2.	<0.5	<0.5	<0.5	--	<0.5
08/02/89	332.59	323.15	9.44	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	332.59	323.06	9.53	--	<500	<3.0	<5.0	<5.0	<5.0	--	<5.0
01/25/90	332.59	323.32	9.27	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
04/23/90	332.59	323.24	9.35	--	<50	0.6	0.8	<0.5	2.0	--	<0.5
08/01/90	332.59	322.88	9.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/90	332.59	322.51	10.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	332.59	322.38	10.21	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	332.59	--	--	Duplicate	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	332.59	322.79	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	332.59	322.61	9.98	Not sampled	--	--	--	--	--	--	--
01/28/92	332.59	322.78	9.81	--	<50	0.8	<0.5	<0.5	<0.5	--	--
06/05/92	332.59	322.73	9.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/30/92	332.59	321.99	10.60	--	66	1.0	3.2	1.3	7.4	--	--
12/30/92	332.59	323.48	9.11	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/93	332.59	324.86	7.73	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/25/93	332.59	323.37	9.22	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	332.59	322.59	10.00	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/20/93	332.59	323.21	9.38	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	332.59	323.29	9.30	--	<50	<0.5	0.6	<0.5	<0.5	--	--
06/22/94	332.59	323.10	9.49	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/94	332.59	322.87	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	332.59	323.01	9.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	332.59	323.89	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
EA-2 (CONT'D)											
03/02/95	330.21	321.67	8.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/07/95	330.21	321.79	8.42	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/26/95	330.21	320.87	9.34	--	540	6.8	<0.5	47	29	13	--
12/28/95	330.21	321.37	8.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/29/96	330.21	322.77	7.44	--	<50	<0.5	<0.5	<0.5	1.5	<2.5	--
06/27/96	330.21	321.38	8.83	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	330.41	321.01	9.40	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	330.41	321.30	9.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
EA-3											
10/17/88	333.64	--	--	--	<50	1.8	<0.5	<0.5	3	--	--
10/24/88	333.64	322.61	11.03	Gauging	--	--	--	--	--	--	--
11/02/88	333.64	322.61	11.03	Gauging	--	--	--	--	--	--	--
12/20/88	333.64	322.68	10.96	--	240	90	1.2	13	3.3	--	--
03/28/89	333.64	322.87	9.77	--	2300	380	130	240	910	--	--
08/02/89	333.64	322.99	10.65	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	333.64	322.86	10.78	--	<500	<3.0	<5.0	<5.0	<5.0	--	<5.0
01/25/90	333.64	322.98	10.66	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
04/23/90	333.64	322.96	10.68	--	<50	0.8	<0.5	0.9	<0.5	--	<0.5
08/01/90	333.64	322.61	11.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/90	333.64	322.29	11.35	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	333.64	322.12	11.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	333.64	--	--	Not sampled	--	--	--	--	--	--	--
10/07/91	333.64	322.49	11.15	--	180	40	20	4.7	8.4	--	--
10/07/91	333.64	--	--	Duplicate	200	43	17	4.1	6.7	--	--
01/28/92	333.64	322.12	11.08	--	640	69	85	13	46	--	--
06/05/92	333.64	322.66	10.98	--	250	63	8.3	3.0	9.5	--	--
09/30/92	333.64	322.26	11.38	--	330	120	33	6.3	22	--	--
12/30/92	333.64	323.16	10.48	--	58	7.6	1.3	2.5	5.4	--	--
03/29/93	333.64	324.34	9.30	--	120	11	4.5	6.2	13	--	--
06/25/93	333.64	323.18	10.46	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	333.64	322.74	10.90	--	85	3.9	8.8	4.5	22	--	--
12/20/93	333.64	322.98	10.66	--	190	12	12	13	50	--	--
03/29/94	333.64	323.14	10.50	--	<50	<0.5	1.2	<0.5	0.9	--	--
06/22/94	333.64	323.00	10.64	--	<50	<0.5	<0.5	<0.5	<0.5	<3.0	<1.0
09/26/94	333.64	322.92	10.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	333.64	322.96	10.68	--	<50	<0.5	<0.5	<0.5	0.7	--	--
11/30/94	333.64	323.98	9.66	--	170	6.1	3.0	6.5	28	--	--

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Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
EA-3 (CONT'D)											
03/02/95	331.30	321.38	9.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/07/95	331.30	321.58	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	3.2	--
09/26/95	331.30	320.70	10.60	--	2000	140	<5.0	<5.0	190	280	--
12/28/95	331.30	321.48	9.82	--	<50	<0.5	<0.5	<0.5	<0.5	26	--
02/29/96	331.30	323.02	8.28	--	<50	2.1	<0.5	2.5	6.0	31	--
06/27/96	331.30	321.39	9.91	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	331.50	320.91	10.59	--	13,000	<20	<20	<20	<20	48	--
03/31/97	331.50	--	--	Inaccessible	--	--	--	--	--	--	--
04/15/97	331.50	321.25	10.25	--	<125	2.0	<1.2	<1.2	<1.2	680	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
MW-1											
10/04/94	333.56	320.76	12.80	--	2100	150	170	61	320	--	--
11/30/94	333.56	321.18	12.38	--	1500	210	17	73	130	--	--
03/02/95	333.56	320.68	12.88	--	2600	510	<10	160	<10	--	--
06/07/95	333.56	320.98	12.58	--	710	160	<2.0	45	<2.0	<10	--
09/26/95	333.56	320.41	13.15	--	1100	140	1.4	92	1.8	<5.0	--
12/28/95	333.56	320.47	13.09	--	750	96	2.5	61	7.4	37	--
02/29/96	333.56	321.39	12.17	--	250	17	<0.5	18	0.81	9.0	--
06/27/96	333.56	320.61	12.95	--	710	72	<2.0	92	2.2	<10	--
09/12/96	333.66	320.55	13.11	--	300	53	<0.5	32	0.65	21	--
03/31/97	333.66	320.67	12.99	--	<200	4.1	<2.0	4.8	<2.0	640	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
MW-2											
10/04/94	329.18	320.62	8.56	--	2300	160	280	96	480	--	--
11/30/94	329.18	320.85	8.33	--	1600	170	16	110	120	--	--
03/02/95	329.18	320.83	8.35	--	1200	220	5.6	140	36	--	--
06/07/95	329.18	320.56	8.62	--	160	25	<0.5	16	<0.5	240	--
09/26/95	329.18	320.47	8.71	--	150	15	<0.5	7.2	<0.5	120	--
12/28/95	329.18	320.40	8.78	--	400	34	1.3	26	5.1	170	--
02/29/96	329.18	321.36	7.82	--	120	29	<0.5	<0.5	<0.5	790	--
06/27/96	329.18	320.46	8.72	--	150	13	<0.5	7.0	<0.5	850	--
09/12/96	329.29	320.48	8.81	--	<1000	18	<10	<10	<10	3100	--
03/31/97	329.29	320.64	8.65	--	<500	<5.0	<5.0	<5.0	<5.0	1400	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
MW-3											
10/04/94	332.73	320.67	12.06	--	6300	610	750	68	670	--	--
11/30/94	332.73	321.35	11.38	--	17,000	3600	490	430	610	--	--
03/02/95	332.73	320.76	11.97	--	8500	2200	<50	240	<50	64,000	--
06/07/95	332.73	321.19	11.54	--	3000	710	18	220	44	3100	--
09/26/95	332.73	320.37	12.36	--	<10,000	230	<100	130	<100	64,000	--
12/28/95	332.73	320.66	12.07	--	<12,500	760	<125	<125	<125	100,000	--
02/29/96	332.73	321.72	11.01	--	1600	380	<10	84	17	33,000	--
06/27/96	332.73	320.80	11.93	--	1400	<2.5	4.3	130	4.0	96,000	--
09/12/96	332.86	320.60	12.26	--	<10,000	560	<100	110	<100	100,000	--
03/31/97	332.86	320.82	12.04	--	<25,000	1200	370	<250	380	130,000	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
MW-4											
03/01/96	332.64	322.74	9.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/96	332.64	322.87	9.77	--	--	--	--	--	--	--	--
06/27/96	332.64	322.64	10.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	332.63	320.96	11.67	--	<50	<0.5	<0.5	<0.5	<0.5	3.5	--
03/31/97	332.63	322.04	10.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
MW-5											
03/01/96	333.20	322.58	10.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/96	333.20	323.06	10.14	--	--	--	--	--	--	--	--
06/27/96	333.20	322.98	10.22	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	333.04	322.19	10.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	333.04	322.60	10.44	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
TRIP BLANK											
07/28/89	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	--	--	--	--	<500	<3.0	<0.5	<0.5	<0.5	--	<0.5
01/25/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/01/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
10/24/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/28/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/25/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/20/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/22/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/02/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/07/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/26/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/01/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/31/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet. Analytical values 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	1,2-DCA
PVC											
08/02/89	--	--	11.52	--	100,000	8700	14,000	1700	17,000	--	50
08/02/89	--	--	--	Duplicate	110,000	9200	14,000	1800	13,000	--	50
11/06/89	--	--	--	--	--	--	--	--	--	--	--
EQUIPMENT BLANK											
03/28/89	--	--	--	--	<250	<0.5	<0.5	<0.5	<0.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on September 30, 1992.
Earlier field data and analytical results are drawn from the July13, 1992 RENSA report.
Site resurveyed on September 19, 1996 by Ron Archer Civil Engineer, Inc.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
1,2-DCA = 1,2-Dichloroethane
MTBE = Methyl-t-butyl ether

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron 9-2582/970331-C1

Lab Proj. ID: 9704033

Sampled: 03/31/97
Received: 04/01/97
Analyzed: see below

Reported: 04/15/97

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9704033-01				
Sample Desc : **LIQUID,EA-1**				
Ferrous Iron	**mg/L**	**04/08/97**	**0.010**	**0.12**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.45**
Sulfate	**mg/L**	**04/02/97**	**1.0**	**35**
Sulfite	mg/L	04/03/97	3.0	N.D.
Lab No: 9704033-02				
Sample Desc : **LIQUID,EA-2** - Background				
Ferrous Iron	**mg/L**	**04/08/97**	**0.010**	**0.14**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.10**
Sulfate	**mg/L**	**04/05/97**	**10**	**1200**
Sulfite	mg/L	04/03/97	3.0	N.D.
Lab No: 9704033-03				
Sample Desc : **LIQUID,MW-1**				
Ferrous Iron	**mg/L**	**04/07/97**	**0.010**	**0.19**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.014**
Sulfate	**mg/L**	**04/02/97**	**1.0**	**66**
Sulfite	mg/L	04/03/97	3.0	N.D.
Lab No: 9704033-04				
Sample Desc : **LIQUID,MW-2**				
Ferrous Iron	**mg/L**	**04/08/97**	**0.010**	**0.25**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron 9-2582/970331-C1

Lab Proj. ID: 9704033

Sampled: 03/31/97
Received: 04/01/97
Analyzed: see below

Reported: 04/15/97

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.040**
Sulfate	**mg/L**	**04/02/97**	**1.0**	**66**
Sulfite	mg/L	04/03/97	3.0	N.D.
Lab No: 9704033-05				
Sample Desc : **LIQUID,MW-3**				
Ferrous Iron	**mg/L**	**04/08/97**	**0.010**	**2.7**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.088**
Sulfate	**mg/L**	**04/02/97**	**1.0**	**16**
Sulfite	mg/L	04/03/97	3.0	N.D.
Lab No: 9704033-06				
Sample Desc : **LIQUID,MW-4**				
Ferrous Iron	**mg/L**	**04/08/97**	**0.010**	**0.065**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.10**
Sulfate	**mg/L**	**04/02/97**	**1.0**	**150**
Sulfite	mg/L	04/03/97	3.0	N.D.
Lab No: 9704033-07				
Sample Desc : **LIQUID,MW-5**				
Ferrous Iron	**mg/L**	**04/08/97**	**0.010**	**0.020**
Nitrate as Nitrate	mg/L	04/02/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/02/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/02/97**	**0.010**	**0.062**
Sulfate	**mg/L**	**04/02/97**	**1.0**	**120**
Sulfite	mg/L	04/03/97	3.0	N.D.

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, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron 9-2582/970331-C1
Sample Descript: EA-1
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9704033-01

Sampled: 03/31/97
Received: 04/01/97

Analyzed: 04/04/97
Reported: 04/15/97

QC Batch Number: GC040497BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	17000
Methyl t-Butyl Ether	250	310
Benzene	50	87
Toluene	50	230
Ethyl Benzene	50	330
Xylenes (Total)	50	1200
Chromatogram Pattern:		Gas

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	117

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: EA-2	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/04/97
Attention: Fran Thie	Lab Number: 9704033-02	Reported: 04/15/97

QC Batch Number: GC040497BTEX21A
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:		

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

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680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-1	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/07/97
Attention: Fran Thie	Lab Number: 9704033-03	Reported: 04/15/97

QC Batch Number: GC040797BTEX02A
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	200	N.D.
Methyl t-Butyl Ether	**10**	**640**
Benzene	**2.0**	**4.1**
Toluene	2.0	N.D.
Ethyl Benzene	**2.0**	**4.8**
Xylenes (Total)	2.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-2	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/08/97
Attention: Fran Thie	Lab Number: 9704033-04	Reported: 04/15/97

QC Batch Number: GC040897BTEX02A
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	N.D.
Methyl t-Butyl Ether	**25**	**1400**
Benzene	5.0	N.D.
Toluene	5.0	N.D.
Ethyl Benzene	5.0	N.D.
Xylenes (Total)	5.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	78

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, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-3	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/09/97
Attention: Fran Thie	Lab Number: 9704033-05	Reported: 04/15/97

QC Batch Number: GC040997BTEX02A
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	25000	N.D.
Methyl t-Butyl Ether	**1250**	**130000**
Benzene	**250**	**1200**
Toluene	**250**	**370**
Ethyl Benzene	250	N.D.
Xylenes (Total)	**250**	**380**
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	88

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, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-4	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/04/97
Attention: Fran Thie	Lab Number: 9704033-06	Reported: 04/15/97

QC Batch Number: GC040497BTEX21A
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:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	106

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-5	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/04/97
Attention: Fran Thie	Lab Number: 9704033-07	Reported: 04/15/97

QC Batch Number: GC040497BTEX21A
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:		

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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970331-C1	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: TB	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/04/97
Attention: Fran Thie	Lab Number: 9704033-08	Reported: 04/15/97

QC Batch Number: GC040497BTEX21A
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:		

Surrogates	Control Limits %		% Recovery
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

Sequoia Analytical

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

Client Proj. ID: Chevron 9-2582/970331-C1

Lab Proj. ID: 9704033

Received: 04/01/97

Reported: 04/15/97

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 10 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9704033-01 was diluted 100-fold.
Sample 9704033-03 was diluted 4-fold.
Sample 9704033-04 was diluted 10-fold.
Sample 9704033-05 was diluted 500-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Client Project ID: Chevron 9-2582/970331-C1
Matrix: Liquid
Work Order #: 9704033 -01-07

Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	o-Phosphate	Nitrite	Nitrate	Sulfate	Sulfite
QC Batch#:	IN040297365200B	IN0402973000ACA	IN0402973000ACA	IN0402973000ACA	IN040297377100A
Analy. Method:	EPA 365.2	EPA 300.0	EPA 300.0	EPA 300.0	EPA 377.1
Prep. Method:	NA	NA	NA	NA	NA
Analyst:	J. Saadeh	S. Fong	S. Fong	S. Fong	S. Fong
MS/MSD #:	970403302	970403303	970403303	970403303	970403307
Sample Conc.:	0.45	N.D.	N.D.	66	N.D.
Prepared Date:	4/2/97	4/2/97	4/2/97	4/2/97	4/3/97
Analyzed Date:	4/2/97	4/2/97	4/2/97	4/2/97	4/3/97
Instrument I.D.#:	Manual	INIC2	INIC2	INIC2	Manual
Conc. Spiked:	0.50 mg/L	10 mg/L	10 mg/L	10 mg/L	10 mg/L
Result:	0.73	11	11	75	8.4
MS % Recovery:	59	110	110	90	84
Dup. Result:	0.79	11	11	76	9.1
MSD % Recov.:	68	110	110	100	91
RPD:	7.9	0.0	0.0	1.3	8.0
RPD Limit:	0-20	0-20	0-20	0-20	0-20
LCS #:	BLK040297	BLK040297	BLK040297	BLK040297	BLK040397
Prepared Date:	4/2/97	4/2/97	4/2/97	4/2/97	4/3/97
Analyzed Date:	4/2/97	4/2/97	4/2/97	4/2/97	4/3/97
Instrument I.D.#:	Manual	INIC2	INIC2	INIC2	Manual
Conc. Spiked:	0.25 mg/L	10 mg/L	10 mg/L	10 mg/L	10 mg/L
LCS Result:	0.24	9.8	9.7	10	8.1
LCS % Recov.:	96	98	97	100	81
MS/MSD Control Limits	75-125	75-125	75-125	75-125	75-125
LCS Control Limits	80-120	90-110	90-110	90-110	80-120

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

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Blaine Tech Services, Inc.	Client Project ID: Chevron 9-2582/970331-C1	
1680 Rogers Avenue	Matrix: Liquid	
San Jose, CA 95112		
Attention: Fran Thie	Work Order #: 9704033-02	Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Sulfate
QC Batch#:	IN0405973000ACA
Analy. Method:	EPA 300.0
Prep. Method:	NA
Analyst:	S. Fong
MS/MSD #:	970419403
Sample Conc.:	89
Prepared Date:	4/5/97
Analyzed Date:	4/5/97
Instrument I.D.#:	INIC2
Conc. Spiked:	10 mg/L
Result:	97
MS % Recovery:	80
Dup. Result:	97
MSD % Recov.:	80
RPD:	0.0
RPD Limit:	0-20

LCS #:	BLK040597
Prepared Date:	4/5/97
Analyzed Date:	4/5/97
Instrument I.D.#:	INIC2
Conc. Spiked:	10 mg/L
LCS Result:	10
LCS % Recov.:	100

MS/MSD	75-125
LCS	90-110
Control Limits	

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Client Project ID: Chevron 9-2582/970331-C1
Matrix: Liquid
Work Order #: 9704033-01-07

Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0408976010M2A	ME0408976010M2A	ME0408976010M2A	ME0408976010M2A
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	C. Medifesster	C. Medifesster	C. Medifesster	C. Medifesster
MS/MSD #:	970403907	970403907	970403907	970403907
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/8/97	4/8/97	4/8/97	4/8/97
Analyzed Date:	4/8/97	4/8/97	4/8/97	4/8/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	0.92	1.1	1.0	1.0
MS % Recovery:	92	110	100	100
Dup. Result:	0.92	1.1	1.0	1.0
MSD % Recov.:	92	110	100	100
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-20	0-20	0-20	0-20
LCS #:	BLK040897	BLK040897	BLK040897	BLK040897
Prepared Date:	4/8/97	4/8/97	4/8/97	4/8/97
Analyzed Date:	4/8/97	4/8/97	4/8/97	4/8/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	5.0 mg/L	5.0 mg/L	5.0 mg/L	1.0 mg/L
LCS Result:	4.9	5.0	4.9	5.0
LCS % Recov.:	98	100	98	100
MS/MSD Control Limits	80-120	80-120	80-120	80-120
LCS Control Limits	80-120	80-120	80-120	80-120

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Client Project ID: Chevron 9-2582/970331-C1
Matrix: Liquid
Work Order #: 9704033-01-02, -06-08

Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC040497BTEX21A	GC040497BTEX21A	GC040497BTEX21A	GC040497BTEX21A	GC040497BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9703E5403	9703E5403	9703E5403	9703E5403	9703E5403
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Analyzed Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	9.9	10	9.9	30	60
MS % Recovery:	99	100	99	100	100
Dup. Result:	9.8	9.7	9.7	29	60
MSD % Recov.:	98	97	97	97	100
RPD:	1.0	3.0	2.0	3.4	0.0
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	GC040497	GC040497	GC040497	GC040497	GC040497
Prepared Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Analyzed Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	10	11	11	34	67
LCS % Recov.:	100	110	110	113	112
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Renner
Project Manager

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

Client Project ID: Chevron 9-2582/970331-C1
Matrix: Liquid
Work Order #: 9704033-03

Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC040797BTEX02A	GC040797BTEX02A	GC040797BTEX02A	GC040797BTEX02A	GC040797BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	9703F1402	9703F1402	9703F1402	9703F1402	9703F1402
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Analyzed Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	9.6	9.6	9.7	31	64
MS % Recovery:	96	96	97	103	107
Dup. Result:	9.3	9.3	9.4	30	60
MSD % Recov.:	93	93	94	100	100
RPD:	3.2	3.2	3.1	3.3	6.5
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	GC040797	GC040797	GC040797	GC040797	GC040797
Prepared Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Analyzed Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	9.6	9.4	9.5	30	64
LCS % Recov.:	96	94	95	100	107
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Client Project ID: Chevron 9-2582/970331-C1
Matrix: Liquid
Work Order #: 9704033-04

Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC040897BTEX02A	GC040897BTEX02A	GC040897BTEX02A	GC040897BTEX02A	GC040897BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	9703F1404	9703F1404	9703F1404	9703F1404	9703F1404
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97
Analyzed Date:	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	8.8	8.8	8.8	28	64
MS % Recovery:	88	88	88	93	107
Dup. Result:	9.2	9.1	9.2	29	67
MSD % Recov.:	92	91	92	97	112
RPD:	4.4	3.4	4.4	3.5	4.6
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	GC040897	GC040897	GC040897	GC040897	GC040897
Prepared Date:	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97
Analyzed Date:	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	8.0	8.0	8.2	25	64
LCS % Recov.:	80	80	82	83	107
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Client Project ID: Chevron 9-2582/970331-C1
Matrix: Liquid
Work Order #: 9704033-05

Reported: Apr 16, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC040997BTEX02A	GC040997BTEX02A	GC040997BTEX02A	GC040997BTEX02A	GC040997BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	9703F1403	9703F1403	9703F1403	9703F1403	9703F1403
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/9/97	4/9/97	4/9/97	4/9/97	4/9/97
Analyzed Date:	4/9/97	4/9/97	4/9/97	4/9/97	4/9/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	9.0	9.0	9.1	29	66
MS % Recovery:	90	90	91	97	110
Dup. Result:	9.3	9.2	9.2	30	67
MSD % Recov.:	93	92	91	100	112
RPD:	3.3	2.2	1.1	3.4	1.5
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK040997	BLK040997	BLK040997	BLK040997	BLK040997
Prepared Date:	4/9/97	4/9/97	4/9/97	4/9/97	4/9/97
Analyzed Date:	4/9/97	4/9/97	4/9/97	4/9/97	4/9/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	9.3	9.2	9.2	29	65
LCS % Recov.:	93	92	92	97	108
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

9704055

Chain-of-Custody-Record

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

Chevron Facility Number 9-2582
Facility Address 7240 Dublin Blvd., Dublin, CA
Consultant Project Number 970331-C1
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 9033511
Samples Collected by (Name) Kevin Carew
Collection Date 3-31-97
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	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)/MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICP or AA)	EPA 300.0 NITRITE	EPA 300.0 Sulfate	EPA 377.1 Sulfite	EPA 365.2 (Can Also Do) Orthophosphate	EPA 300.0 Nitrate	DO NOT BILL FOR TB-LB MR 1 12 16 Remarks
EA-1	1	6	W		10:10	H_2SO_4 HCL /NONE	Y	X								X	X	X	X	X	N = None
EA 2	2	6	W		9:33	H_2SO_4 HCL /NONE	Y	X								X	X	X	X	X	Page 1 of 1
MW-1	3	6	W		12:03	H_2SO_4 HCL /N	Y	X								X	X	X	X	X	
MW-2	4	6	W		10:35	H_2SO_4 HCL /N	Y	X								X	X	X	X	X	
MW-3	5	6	W		12:30	H_2SO_4 HCL /N	Y	X								X	X	X	X	X	
MW-4	6	6	W		11:32	H_2SO_4 HCL /N	Y	X								X	X	X	X	X	
MW-5	7	6	W		11:06	H_2SO_4 HCL /N	Y	X								X	X	X	X	X	
TB	8	2	W		9:40	HCL	Y	X													

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	4/1/97 1027		SEQ	4/1/97 1027
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SEQ	4/1/97 1700			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			Mara Gusles		4/1/97

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

COC-3.DWG/03 91/HCH

Fax copy of Lab Report and COC to Chevron Contact: ☐ No 9704033

Chain-of-Custody-Record

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

Chevron Facility Number 9-2582
Facility Address 7240 Dublin Blvd., Dublin, CA
Consultant Project Number 970331-C1
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 9033511
Samples Collected by (Name) Kevin Carlin
Collection Date 3-31-97
Signature

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type C = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	EPA 200.7 Fe/Mn/S Iron				Remarks
EA-1		6	W		10:10	H_2SO_4 HCl/N	Y									X				N = None
EA-2		6	W		9:33	H_2SO_4 HCl/N	Y									X				Page 2 of 2
MW-1		6	W		12:03	H_2SO_4 HCl/N	Y									X				
MW-2		6	W		10:35	H_2SO_4 HCl/N	Y									X				
MW-3		6	W		12:30	H_2SO_4 HCl/N	Y									X				
MW-4		6	W		11:32	H_2SO_4 HCl/N	Y									X				
MW-5		6	W		11:06	H_2SO_4 HCl/N	Y									X				

DO NOT BILL FOR TB-LB

MR 1 12 16

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	4/1/97 1027		SEQ	4/1/97 1027
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SEQ	4/1/97 1200			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			Mara Gustus		4/1/97 12:16

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

COC-3.DWG/03 01/XCH

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112

Attention: Fran Thie

Client Proj. ID: Chevron 9-2582/970415-C1

Lab Proj. ID: 9704868

Sampled: 04/15/97
Received: 04/16/97
Analyzed: see below

Reported: 05/01/97

LABORATORY ANALYSIS

Lab No: 9704868-01
Sample Desc : **LIQUID,EA-3**

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Ferrous Iron	**mg/L**	**04/23/97**	**0.010**	**0.19**
Nitrate as Nitrate	mg/L	04/16/97	1.0	N.D.
Nitrite as Nitrite	mg/L	04/16/97	1.0	N.D.
Ortho Phosphate-Low Level	**mg/L**	**04/16/97**	**0.010**	**0.29**
Sulfate	**mg/L**	**04/16/97**	**1.0**	**270**
Sulfite	mg/L	04/16/97	3.0	N.D.

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, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2582/970415-C1	Sampled: 04/15/97
1680 Rogers Avenue	Sample Descript: EA-3	Received: 04/16/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/21/97
Attention: Fran Thie	Lab Number: 9704868-01	Reported: 05/01/97

QC Batch Number: GC042197BTEX01A
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	125	N.D.
Methyl t-Butyl Ether	**6.2**	**680**
Benzene	**1.2**	**2.0**
Toluene	1.2	N.D.
Ethyl Benzene	1.2	N.D.
Xylenes (Total)	1.2	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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

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

Client Proj. ID: Chevron 9-2582/970415-C1

Lab Proj. ID: 9704868

Received: 04/16/97

Reported: 05/01/97

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 6 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9704868-01 was diluted 2.5-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Sequoia Analytical

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

Client Project ID: Chevron 9-2582 / 970415-C1
Matrix: Liquid
Work Order #: 9704868 -01

Reported: May 7, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Ortho-Phosphate	Nitrite	Nitrate	Sulfate	Sulfite
QC Batch#:	IN041697365200A	IN0416973000ACA	IN0416973000ACA	IN0416973000ACA	IN041697377100A
Analy. Method:	EPA 365.2	EPA 300.0	EPA 300.0	EPA 300.0	EPA 377.1
Prep. Method:	N.A.	N.A.	N.A.	N.A.	N.A.
Analyst:	T. McMahon	S. Fong	S. Fong	S. Fong	K. Sims
MS/MSD #:	960486801	970486307	-	970486307	970486801
Sample Conc.:	0.29	9.7	-	317	N.D.
Prepared Date:	4/16/97	4/16/97	-	4/16/97	4/16/97
Analyzed Date:	4/16/97	4/16/97	-	4/16/97	4/16/97
Instrument I.D.#:	MANUAL	INIC2	-	INIC2	MANUAL
Conc. Spiked:	0.25 mg/L	10 mg/L	-	10 mg/L	10 mg/L
Result:	0.59	19	-	324	8.8
MS % Recovery:	120	93	-	70	88
Dup. Result:	0.57	19	-	325	7.9
MSD % Recov.:	112	93	-	80	79
RPD:	3.4	0.0	-	0.31	11
RPD Limit:	0-20	0-20	-	0-20	0-20
LCS #:	LCS041697	LCS041697	LCS041697	LCS041697	IN041697
Prepared Date:	4/16/97	4/16/97	4/16/97	4/16/97	4/16/97
Analyzed Date:	4/16/97	4/16/97	4/16/97	4/16/97	4/16/97
Instrument I.D.#:	MANUAL	INIC2	INIC2	INIC2	MANUAL
Conc. Spiked:	0.25 mg/L	10 mg/L	10 mg/L	10 mg/L	10 mg/L
LCS Result:	0.25	10	9.9	9.8	9.0
LCS % Recov.:	100	100	99	98	90
MS/MSD Control Limits	75-125	75-125	75-125	75-125	75-125
LCS Control Limits	80-120	80-120	80-120	80-120	80-120

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

Sequoia Analytical

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

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

Client Project ID: Chevron 9-2582 / 970415-C1
Matrix: Liquid
Work Order #: 9704868-01
Reported: May 7, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0423976010M2A	ME0423976010M2A	ME0423976010M2A	ME0423976010M2A
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	R. Butler	R. Butler	R. Butler	R. Butler
MS/MSD #:	9704B7203	9704B7203	9704B7203	9704B7203
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/23/97	4/23/97	4/23/97	4/23/97
Analyzed Date:	4/23/97	4/23/97	4/23/97	4/23/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L
Result:	0.88	0.98	0.94	0.96
MS % Recovery:	88	98	94	96
Dup. Result:	0.85	1.0	0.95	0.97
MSD % Recov.:	85	100	95	97
RPD:	3.5	2.0	1.1	1.0
RPD Limit:	0-20	0-20	0-20	0-20
LCS #:	CCVMI041797	CCVMI041797	CCVMI041797	CCVMI041797
Prepared Date:	4/17/97	4/17/97	4/17/97	4/17/97
Analyzed Date:	4/23/97	4/23/97	4/23/97	4/23/97
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	5.0 mg/L	5.0 mg/L	5.0 mg/L	5.0 mg/L
LCS Result:	5.0	5.0	5.0	5.1
LCS % Recov.:	100	100	100	102
MS/MSD	80-120	80-120	80-120	80-120
LCS	80-120	80-120	80-120	80-120
Control Limits				

SEQUOIA ANALYTICAL

Peggy 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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

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

Client Project ID: Chevron 9-2582 / 970415-C1
Matrix: Liquid
Work Order #: 9704868-01
Reported: May 7, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC042197BTEX01A	GC042197BTEX01A	GC042197BTEX01A	GC042197BTEX01A	GC042197BTEX01A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Heider	J. Heider	J. Heider	J. Heider	J. Heider
MS/MSD #:	970487301	970487301	970487301	970487301	970487301
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/21/97	4/21/97	4/21/97	4/21/97	4/21/97
Analyzed Date:	4/21/97	4/21/97	4/21/97	4/21/97	4/21/97
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	13	12	12	36	68
MS % Recovery:	130	120	120	120	113
Dup. Result:	11	11	11	32	61
MSD % Recov.:	110	110	110	107	102
RPD:	17	8.7	8.7	12	11
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK042197	BLK042197	BLK042197	BLK042197	BLK042197
Prepared Date:	4/21/97	4/21/97	4/21/97	4/21/97	4/21/97
Analyzed Date:	4/21/97	4/21/97	4/21/97	4/21/97	4/21/97
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	11	11	11	32	60
LCS % Recov.:	110	110	110	107	100
MS/MSD Control Limits	60-140	60-140	60-140	60-140	
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

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

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

9704568

Chain-of-Custody-Record

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

Chevron Facility Number 9-2582
Facility Address 7240 Dublin Blvd., Dublin, CA
Consultant Project Number 9704115-C1
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 9033511
Samples Collected by (Name) Kevin Carzain
Collection Date 4-15-97
Signature [signature]

Analyses To Be Performed

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	Iced (Yes or No)	BTEX + TPH GAS + MTBE (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Nitrate EPA 300.0	Sulfate EPA 300.0	Sulfite EPA 377.1	Orthophosphate EPA 365.2-low levels	Nitrite EPA 300.0	Ferrous Iron EPA 200.7	Remarks
EH-3	1	6	W		8:30		Y	X								X	X	X	X	X	X	

DO NOT BILL FOR TB-LB

AP 16 3 47

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	BTS	4/16/97 1410	[signature]	SEQ	4/16/97 1410	24 Hrs.
[signature]	SEQ	4/16/97 1547				48 Hrs.
			Recieved For Laboratory By (Signature) M. S[illegible]		4-15-97 1547	5 Days (10 Days) (circled) As Contracted

COC-3.DWG/03 81/1CH

Field
Data
Sheets

WELL GAUGING DATA

Project # 970321-C1 Date 3-31-97 Client Chevron 9-2582

Site 7240 Dublin Blvd., Dublin

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
EA-1	4					10.19	38.29 ~~10.19~~	TOC
EA-2	4					9.11	38.99	
EA-3	4	— Inaccessible —			well lid stuck	~~8.90~~	~~35.82~~	
MW-1	2					12.99	25.32	
MW-2	2					8.65	19.90	
MW-3	2					12.04	25.42	
MW-4	2					10.59 9.7	19.74	
MW-5	2					10.44	20.70	

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: K.C	Date: 3-31-97
Well I.D.: EA-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 38.29	Depth to Water: 10.19
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible X / Extraction Pump / Other: ____

Sampling Method: Bailer X / Disposable Bailer X / Extraction Port / Other: ____

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
18.2	x	3	=	54.6 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
9:45	62.8	6.0	9700	19	
9:47	63.6	6.1	3100		odor
9:49	63.4	6.4	2500		

Did well dewater? Yes (No) Gallons actually evacuated: 55

Sampling Time: 10:10 Sampling Date: 3-31-97

Sample I.D.: EA-1 Laboratory: (Sequoia) GTEL N. Creek Assoc.

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:	2.8	mg/L	Post-purge:	2.4
O.R.P. (if req'd):	Pre-purge:	209	mV	Post-purge:	186

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: K.C.	Date: 3-31-97
Well I.D.: EA-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 38.99	Depth to Water: 9.11
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible ✓ / Extraction Pump / Other: ___

Sampling Method: Bailer ✓ / Disposable Bailer ✓ / Extraction Port / Other: ___

19.4	x	3	=	58.2 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
9:16	64.6	7.2	9200	20	
9:18	63.8	6.5	9000	40	
9:20	62.8	6.4	9000	59	

Did well dewater? Yes (No)		Gallons actually evacuated: 59		
Sampling Time: 9:33		Sampling Date: 3-31-97		
Sample I.D.: EA-2		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: 2.8 mg/L		Post-purge: 2.2 mg/L	
O.R.P. (if req'd):	Pre-purge: 234 mV		Post-purge: 205 mV	

CHEVRON WELL MONITORING DATA SHEET

Project #: ~~970414-C~~ 970415-C1	Station #: 9-258Z
Sampler: M.C	Date: 4-15-97
Well I.D.: EA-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 34.75	Depth to Water: 10.25
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	radius² * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible X
- Extraction Pump
- Other: ___

Sampling Method:
- Bailer
- Disposable Bailer X
- Extraction Port
- Other: ___

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
15 16.0	x	3	=	48 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
8:18	66.9	7.2	1790	16	
8:20	69.2	7.4	3000	32	
8:22	70.0	7.4	3000	48	

Did well dewater? Yes (No)		Gallons actually evacuated:		
Sampling Time: 8:30		Sampling Date: 4-15-97		
Sample I.D.: EA-3		Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs		
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other: Biosuite		
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	2.4 mg/L	Post-purge:	1.6 mg/L
O.R.P. (if req'd):	Pre-purge:	137 mV	Post-purge:	100 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: K. C	Date: 3-31-97
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 25.32	Depth to Water: 12.90
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	radius² * 0.163

Purge Method:
- Bailer
- Disposable Bailer X
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: ___

Sampling Method:
- Bailer X
- Disposable Bailer X
- Extraction Port
- Other: ___

1 Case Volume (Gals.)		Specified Volumes		Calculated Volume
1.9	X	3	=	5.7 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:46	62.6	7.2	3000	2.0	
11:48	62.4	6.8	3000	4.0	
11:50	62.0	6.9	3000	6.0	

Did well dewater?	Yes (No)			Gallons actually evacuated:	6
Sampling Time:	12:03			Sampling Date:	3-31-97
Sample I.D.:	MW-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:	1.4 mg/L		Post-purge:	2.18 mg/L
O.R.P. (if req'd):	Pre-purge:	211 mV		Post-purge:	259 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: K.C.	Date: 3-31-97
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.90	Depth to Water: 8.65
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer ✕ / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer ✓ / Disposable Bailer ✕ / Extraction Port / Other: ____

1.8	x	3	=	5.2 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:21	63.4	6.4	2200		
10:22	63.0	6.2	2000		
10:24	63.0	6.2	2000		

Did well dewater? Yes (No)		Gallons actually evacuated: 3.5	
Sampling Time: 10:35		Sampling Date: 3-31-97	
Sample I.D.: MW-2		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:	2.0 mg/L	Post-purge:	1.6 mg/L
O.R.P. (if req'd): Pre-purge:	220 mV	Post-purge:	208 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: LC.	Date: 3-31-97
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 25.42	Depth to Water: 12.04
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer (X) / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer (X) / Disposable Bailer (X) / Extraction Port / Other: ___

2.1	x	3	=	6.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:15	636	6.7	3000	2.0	
12:17	648	6.4	3000	4.0	
12:19	65.0	6.4	2900	6.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 6.5	
Sampling Time: 12:30		Sampling Date: 3-31-97	
Sample I.D.: MW-3		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: 1.8 mg/L	Post-purge: 2.0	mg/L
O.R.P. (if req'd):	Pre-purge: 131 mV	Post-purge: 146	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: K.C	Date: 3-31-97
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.74	Depth to Water: 10.59
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	radius² * 0.163

Purge Method:
- Bailer
- Disposable Bailer ✓
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: ____

Sampling Method:
- Bailer ✓
- Disposable Bailer ✓
- Extraction Port
- Other: ____

1.4	x	3	=	4.2 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:17	68.4	7.6	1700	1.5	
11:19	66.2	7.4	2100	3.0	
11:21	66.8	7.4	2600	4.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 4.5	
Sampling Time: 11:32		Sampling Date: 3-31-97	
Sample I.D.: ~~MW-32~~ MW-4		Laboratory: Sequoia GTEL N. Creek Assoc. Labs	
Analyzed for: ~~TPH-G~~ (BTEX) ~~MTBE~~ TPH-D		Other: See Chain	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd): Pre-purge:	2.4 mg/L	Post-purge:	2.4 mg/L
O.R.P. (if req'd): Pre-purge:	225 mV	Post-purge:	~~225~~ 235 mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C1	Station #: 9-2582
Sampler: K.C.	Date: 3-31-97
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 20.70	Depth to Water: 10.44
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer X / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer X / Disposable Bailer X / Extraction Port / Other: ___

1.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:50	62.6	6.8	1600	1.5	
10:52	61.8	6.9	1600	3.0	
10:54	61.0	6.9	1600	5.0	

Did well dewater? Yes (No) Gallons actually evacuated: 5.0

Sampling Time: 11:06 Sampling Date: 3-31-97

Sample I.D.: MW-5 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:	2.6 mg/L	Post-purge:	2.0 mg/L	
O.R.P. (if req'd):	Pre-purge:	227 mV	Post-purge:	213 mV	