

00 APR 12 PM 3:10



LOP 402

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) 842-8570

Date: 4-3-00  
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,

*Brett L. Hunter*

Brett Hunter  
Site Assessment and Remediation  
Project Manager

5101 Telegraph

R0351

LOP - CHANGE RECORD REQUEST FORM

printed:  
04/24/2000

Mark Out What Needs Changing and Hand to LOP Data Entry  
(Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
 StID : 402      LOC:  
 SITE NAME: Burke's Chevron      DATE REPORTED : 01/19/1991  
 ADDRESS : 5101 Telegraph Ave      DATE CONFIRMED: 01/19/1991  
 CITY/ZIP : Oakland      94609      MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4      PRIOR CODE:2B4      EMERGENCY RESP:  
 RP SEARCH: S      DATE COMPLETED: 06/16/1992  
 PRELIMINARY ASMNT: C      DATE UNDERWAY: 09/18/1991      DATE COMPLETED: 10/16/1991  
 REM INVESTIGATION: U      DATE UNDERWAY: 10/16/1991      DATE COMPLETED:  
 REMEDIAL ACTION:      DATE UNDERWAY:      DATE COMPLETED:  
 POST REMED ACT MON:      DATE UNDERWAY:      DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 06/16/1992  
 LUFT FIELD MANUAL CONSID: 3HSAWR  
 CASE CLOSED:      DATE CASE CLOSED:  
 DATE EXCAVATION STARTED : 09/18/1991      REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Charles Gwynn  
 COMPANY NAME: N A  
 ADDRESS: 120 Caperton Avenue  
 CITY/STATE: Piedmont, California 94611

RP#2-CONTACT NAME: Brett Hunter  
 COMPANY NAME: Chevron U. S. A. Inc.  
 ADDRESS: P. O. Box 6004  
 CITY/STATE: San Ramon, C A 94583-0804

INSPECTOR VERIFICATION:

NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

DATA ENTRY INPUT:

Name/Address Changes Only

Case Progress Changes

ANPPGMS \_\_\_\_\_ LOP \_\_\_\_\_ DATE \_\_\_\_\_

LOP \_\_\_\_\_ DATE \_\_\_\_\_

**BLAINE**  
TECH SERVICES INC.



1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE

April 3, 2000

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

**1st Quarter 2000 Monitoring at 9-3864**

First Quarter 2000 Groundwater Monitoring at  
Former Chevron Service Station Number 9-3864  
5101 Telegraph Avenue  
Oakland, CA

Monitoring Performed on February 29, 2000

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**Groundwater Sampling Report 000229-C-1**

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,



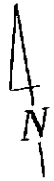
Scott Boor  
Project Coordinator

SDB/ew

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**

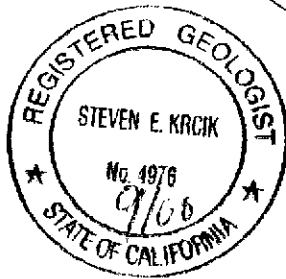
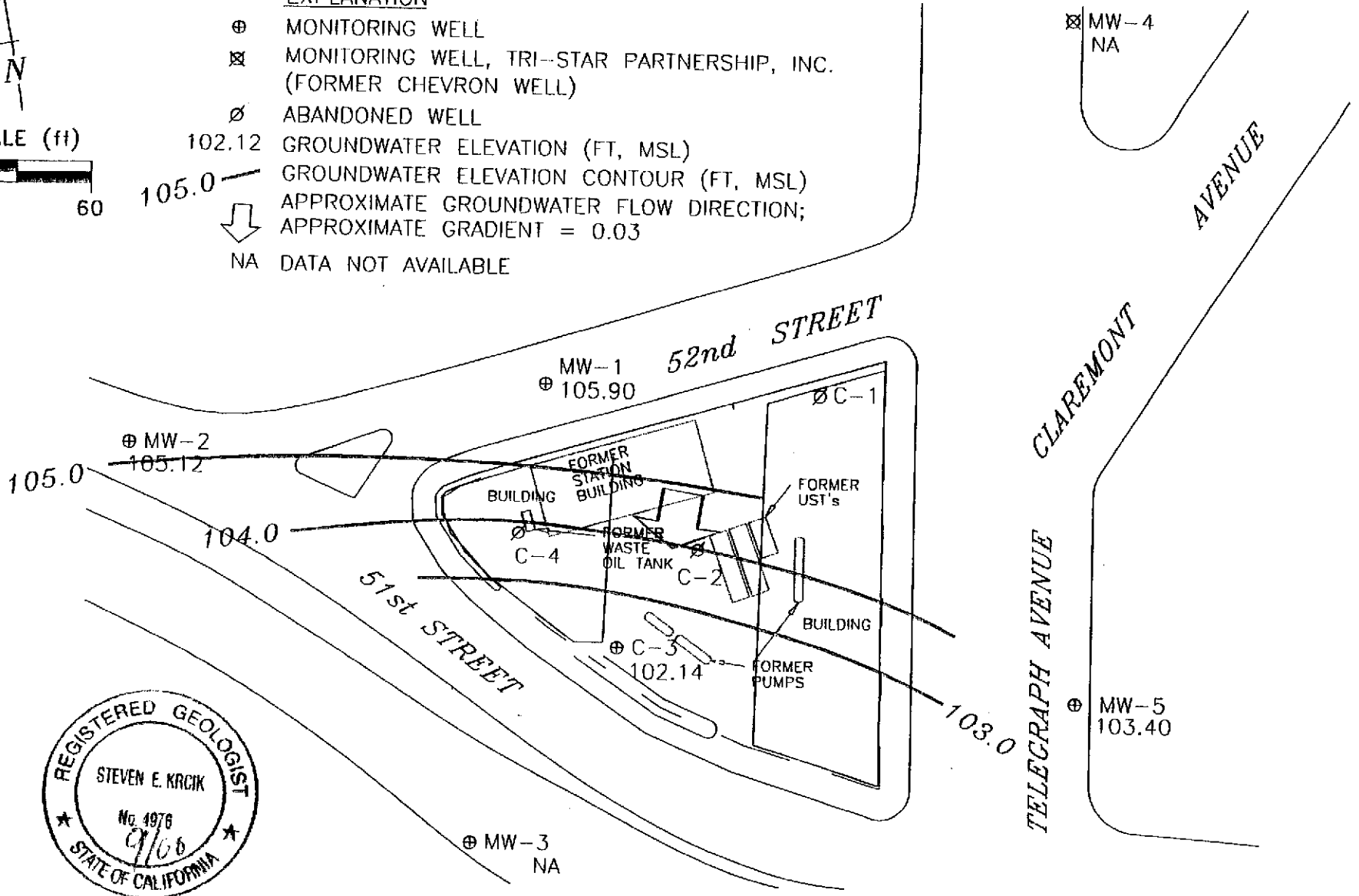


SCALE (ft)



EXPLANATION

- ⊕ MONITORING WELL
- ⊗ MONITORING WELL, TRI-STAR PARTNERSHIP, INC. (FORMER CHEVRON WELL)
- ∅ ABANDONED WELL
- 102.12 GROUNDWATER ELEVATION (FT, MSL)
- 105.0 GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- ↓ APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.03
- NA DATA NOT AVAILABLE



Ref. 3864-gm.dwg  
Basemap from Geoconsultants, Inc.

PREPARED BY

**RRM**  
engineering contracting firm

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

GROUNDWATER ELEVATION CONTOUR MAP,  
FEBRUARY 29, 2000

FIGURE:  
7  
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
<b>C-1</b>										
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
<b>C-2</b>										
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
<b>C-3</b>										
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
02/29/00	115.70	102.14	13.56	--	2660	22.5	<5.0	11.2	11.6	<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
<b>C-4</b>										
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	Analytical results are in parts per billion (ppb)					
					TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
<b>MW-1</b>										
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	--	--	--	--	--	--
02/29/00	115.02	105.90	9.12	--	<50	<0.5	0.816	<0.5	<0.5	<5.0

## 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
<b>MW-2</b>										
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	--	--	--	--	--	--
02/29/00	112.03	105.12	6.91	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

## 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
<b>MW-3</b>										
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
02/29/00	113.63	--	--	Well inaccessible	--	--	--	--	--	--

\* 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
<b>MW-4</b>										
09/20/93	118.10	107.17	10.93	--	5800	16	4.2	35	48	--
12/14/93	118.10	108.93	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	110.39	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
<b>MW-5</b>										
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	--	--	--	--	--	--
02/29/00	116.70	103.40	13.30	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0



## 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
<b>TRIP BLANK</b>										
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	--
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	<2.5
12/11/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
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

CONTINUED ON NEXT PAGE

## 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	Analytical results are in parts per billion (ppb)					
					TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
<b>TRIP BLANK(CONT'D)</b>										
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
02/29/00	--	--	--	--	<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**



March 16, 2000

Scott Boor  
Blaine Tech Services  
1680 Rogers Avenue  
San Jose, CA 95112

RE: Chevron/L003022

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on March 1, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson  
Project Manager

CA ELAP Certificate Number I2360





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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**ANALYTICAL REPORT FOR L003022**

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C-3	L003022-01	Water	2/29/00
MW1	L003022-02	Water	2/29/00
MW2	L003022-03	Water	2/29/00
MW5	L003022-04	Water	2/29/00
TB	L003022-05	Water	2/29/00





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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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*
<b>C-3</b>				<b>L003022-01</b>			<b>Water</b>	
Purgeable Hydrocarbons as Gasoline	0030060	3/14/00	3/14/00		500	2660	ug/l	1
Benzene	"	"	"		5.00	22.5	"	
Toluene	"	"	"		5.00	ND	"	
Ethylbenzene	"	"	"		5.00	11.2	"	
Xylenes (total)	"	"	"		5.00	11.6	"	
Methyl tert-butyl ether	"	"	"		50.0	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		88.2	%	
<b>MW1</b>				<b>L003022-02</b>			<b>Water</b>	
Purgeable Hydrocarbons as Gasoline	0030058	3/14/00	3/14/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	0.816	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		114	%	
<b>MW2</b>				<b>L003022-03</b>			<b>Water</b>	
Purgeable Hydrocarbons as Gasoline	0030058	3/14/00	3/14/00		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		105	%	
<b>MW5</b>				<b>L003022-04</b>			<b>Water</b>	
Purgeable Hydrocarbons as Gasoline	0030049	3/10/00	3/10/00		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		103	%	
<b>TB</b>				<b>L003022-05</b>			<b>Water</b>	
Purgeable Hydrocarbons as Gasoline	0030049	3/10/00	3/10/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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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*
<b><u>TB (continued)</u></b>				<b><u>L003022-05</u></b>			<b><u>Water</u></b>	
Methyl tert-butyl ether	0030049	3/10/00	3/10/00		5.00	ND	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		110	%	





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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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*
<b>Batch: 0030049</b>			<b>Date Prepared: 3/10/00</b>			<b>Extraction Method: EPA 5030B [P/T]</b>				
<b>Blank</b>			<b>0030049-BLK1</b>							
Purgeable Hydrocarbons as Gasoline	3/10/00			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		12.7	"	70.0-130	127			
<b>LCS</b>			<b>0030049-BS1</b>							
Benzene	3/10/00	10.0		8.40	ug/l	70.0-130	84.0			
Toluene	"	10.0		8.63	"	70.0-130	86.3			
Ethylbenzene	"	10.0		9.43	"	70.0-130	94.3			
Xylenes (total)	"	30.0		26.9	"	70.0-130	89.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		12.7	"	70.0-130	127			
<b>LCS</b>			<b>0030049-BS2</b>							
Purgeable Hydrocarbons as Gasoline	3/10/00	250		245	ug/l	70.0-130	98.0			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		13.8	"	70.0-130	138			2
<b>Matrix Spike</b>			<b>0030049-MS1 L003013-10</b>							
Benzene	3/10/00	10.0	ND	7.60	ug/l	60.0-140	76.0			
Toluene	"	10.0	ND	7.24	"	60.0-140	72.4			
Ethylbenzene	"	10.0	ND	7.38	"	60.0-140	73.8			
Xylenes (total)	"	30.0	ND	20.6	"	60.0-140	68.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.8	"	70.0-130	118			
<b>Matrix Spike Dup</b>			<b>0030049-MSD1 L003013-10</b>							
Benzene	3/10/00	10.0	ND	8.27	ug/l	60.0-140	82.7	25.0	8.44	
Toluene	"	10.0	ND	8.14	"	60.0-140	81.4	25.0	11.7	
Ethylbenzene	"	10.0	ND	8.33	"	60.0-140	83.3	25.0	12.1	
Xylenes (total)	"	30.0	ND	23.1	"	60.0-140	77.0	25.0	11.4	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		12.1	"	70.0-130	121			
<b>Batch: 0030058</b>			<b>Date Prepared: 3/14/00</b>			<b>Extraction Method: EPA 5030B [P/T]</b>				
<b>Blank</b>			<b>0030058-BLK1</b>							
Purgeable Hydrocarbons as Gasoline	3/14/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				







Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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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*
<b>Blank (continued)</b>										
<b>0030058-BLK1</b>										
Methyl tert-butyl ether	3/14/00			ND	ug/l	5.00				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.2	"	70.0-130	112			
<b>LCS</b>										
<b>0030058-BS1</b>										
Benzene	3/14/00	10.0		8.96	ug/l	70.0-130	89.6			
Toluene	"	10.0		8.29	"	70.0-130	82.9			
Ethylbenzene	"	10.0		8.33	"	70.0-130	83.3			
Xylenes (total)	"	30.0		25.1	"	70.0-130	83.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.5	"	70.0-130	105			
<b>LCS</b>										
<b>0030058-BS2</b>										
Purgeable Hydrocarbons as Gasoline	3/14/00	250		218	ug/l	70.0-130	87.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.0	"	70.0-130	110			
<b>Matrix Spike</b>										
<b>0030058-MS1 L003022-03</b>										
Benzene	3/14/00	10.0	ND	10.0	ug/l	60.0-140	100			
Toluene	"	10.0	ND	9.29	"	60.0-140	92.9			
Ethylbenzene	"	10.0	ND	9.43	"	60.0-140	94.3			
Xylenes (total)	"	30.0	ND	28.4	"	60.0-140	94.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.83	"	70.0-130	98.3			
<b>Matrix Spike Dup</b>										
<b>0030058-MSD1 L003022-03</b>										
Benzene	3/14/00	10.0	ND	10.5	ug/l	60.0-140	105	25.0	4.88	
Toluene	"	10.0	ND	9.52	"	60.0-140	95.2	25.0	2.45	
Ethylbenzene	"	10.0	ND	9.70	"	60.0-140	97.0	25.0	2.82	
Xylenes (total)	"	30.0	ND	29.0	"	60.0-140	96.7	25.0	2.09	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.82	"	70.0-130	98.2			
<b>Batch: 0030060</b>										
<b>Date Prepared: 3/14/00</b>										
<b>Extraction Method: EPA 5030B (P/T)</b>										
<b>Blank</b>										
<b>0030060-BLK1</b>										
Purgeable Hydrocarbons as Gasoline	3/14/00			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		10.5	"	70.0-130	105			
<b>LCS</b>										
<b>0030060-BS1</b>										
Benzene	3/14/00	10.0		11.3	ug/l	70.0-130	113			
Toluene	"	10.0		10.9	"	70.0-130	109			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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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*
<b><u>LCS (continued)</u></b>										
	<b><u>0030060-BS1</u></b>									
Ethylbenzene	3/14/00	10.0		11.1	ug/l	70.0-130	111			
Xylenes (total)	"	30.0		32.7	"	70.0-130	109			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.7	"	70.0-130	107			
<b><u>LCS</u></b>										
	<b><u>0030060-BS2</u></b>									
Purgeable Hydrocarbons as Gasoline	3/14/00	250		267	ug/l	70.0-130	107			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.8	"	70.0-130	118			
<b><u>Matrix Spike</u></b>										
	<b><u>0030060-MS1</u></b>		<b><u>L003013-11</u></b>							
Benzene	3/14/00	10.0	ND	10.9	ug/l	60.0-140	109			
Toluene	"	10.0	ND	10.3	"	60.0-140	103			
Ethylbenzene	"	10.0	ND	10.6	"	60.0-140	106			
Xylenes (total)	"	30.0	ND	30.8	"	60.0-140	103			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.69	"	70.0-130	96.9			
<b><u>Matrix Spike Dup</u></b>										
	<b><u>0030060-MSD1</u></b>		<b><u>L003013-11</u></b>							
Benzene	3/14/00	10.0	ND	10.6	ug/l	60.0-140	106	25.0	2.79	
Toluene	"	10.0	ND	10.3	"	60.0-140	103	25.0	0	
Ethylbenzene	"	10.0	ND	10.5	"	60.0-140	105	25.0	0.948	
Xylenes (total)	"	30.0	ND	29.6	"	60.0-140	98.7	25.0	4.26	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.23	"	70.0-130	92.3			





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Project: Blaine/Chevron Project Number: Chevron 9-3864/5101 Telegraph, Oakland Project Manager: Scott Boor	Sampled: 2/29/00 Received: 3/1/00 Reported: 3/16/00
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**Notes and Definitions**

#	Note
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- 1 Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
- 2 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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



# Chromatogram

Sample Name : L003022-01

FileName : S:\GCHP\_07\0319\314B016.raw

Method : TPH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 21.89 min

Plot Offset: 22 mV

Sample #: C-3

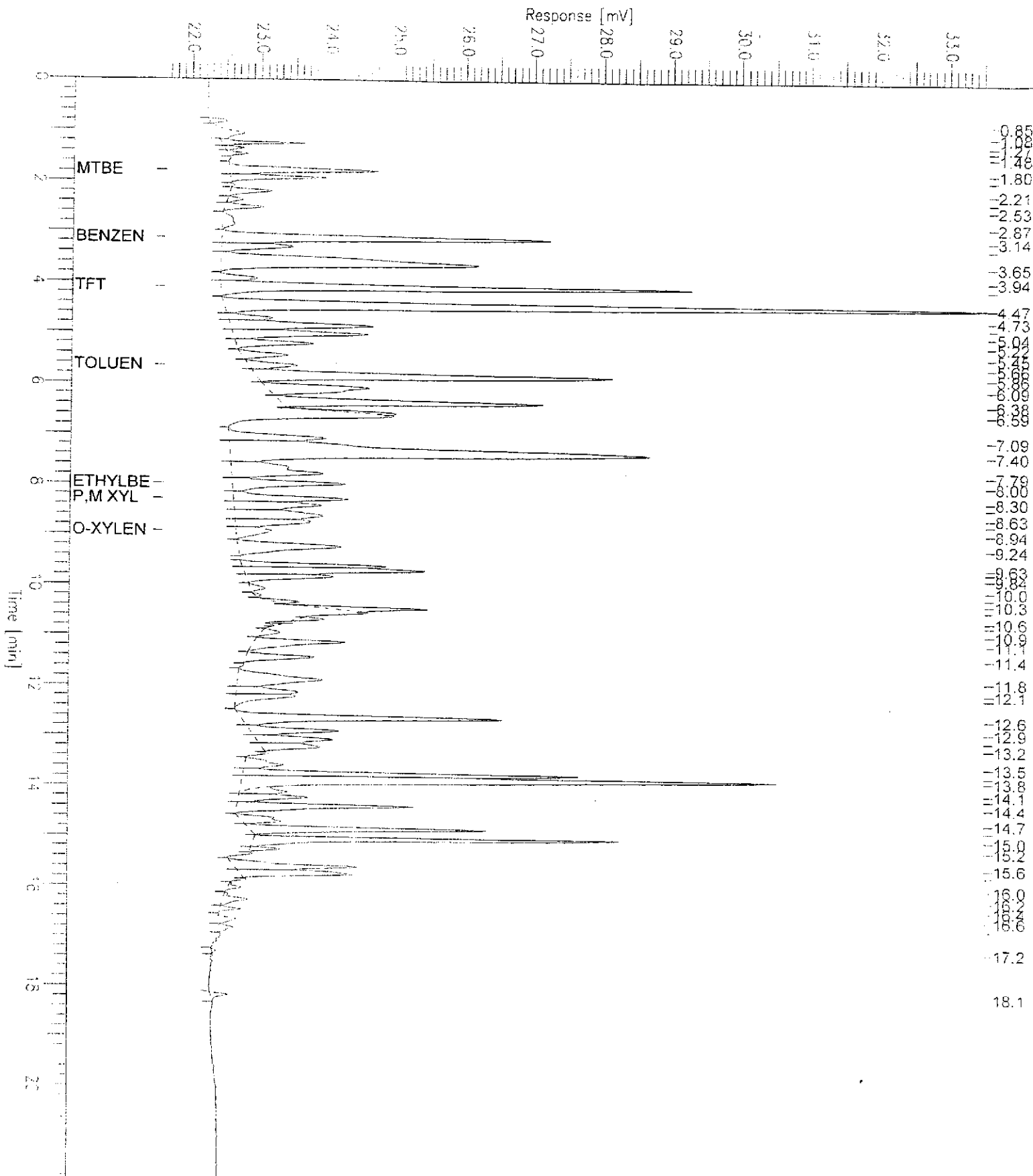
Date : 3/14/00 20:12

Time of Injection: 3/14/00 19:50

Low Point : 21.65 mV

Plot Scale: 11.9 mV

Page 1 of 1

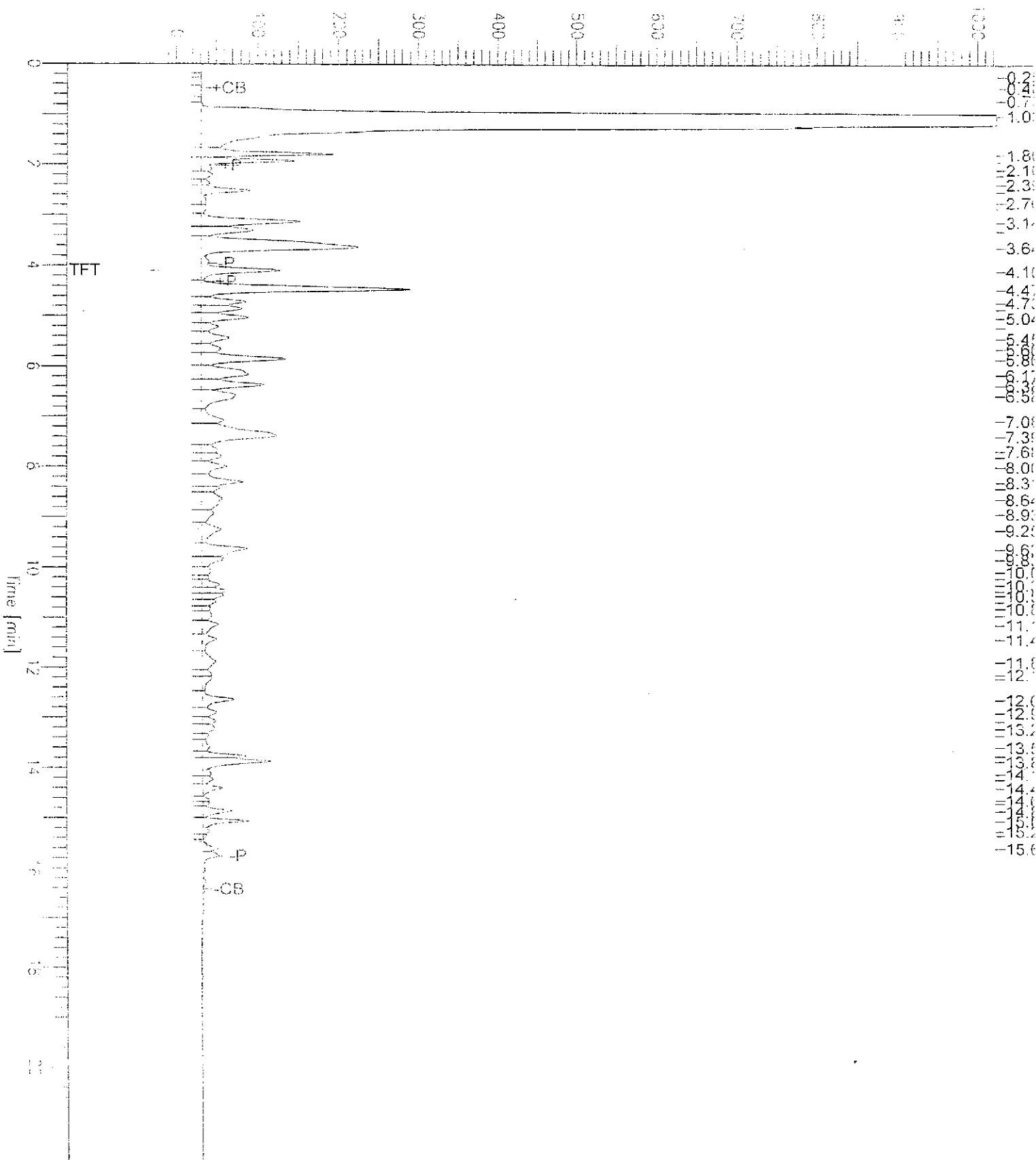


# Chromatogram

003022-01  
S:\GCHP\_07\0319\314A016.raw  
TPH  
Start Time : 0.00 min      End Time : 21.89 min  
Scale Factor: 1.0          Plot Offset: -19 mV

Sample #: C-3  
Date : 3/14/00 20:12  
Time of Injection: 3/14/00 19:50  
Low Point : -18.65 mV      High Point : 1024.00 mV  
Plot Scale: 1042.6 mV

Response [mV]





## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>000229C1</u>	Station #: <u>9-3864</u>
Sampler: <u>Jeff</u>	Date: <u>2/29/00</u>
Well I.D.: <u>C-3</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>28.95</u>	Depth to Water: <u>13.56</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>FVO</u> Grade _____	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: \_\_\_\_\_

2.5 (Gals.) X 3 = 7.4 Gals.  
 I Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1105</u>	<u>67.6</u>	<u>6.4</u>	<u>623</u>	<u>2.5</u>	
<u>1110</u>	<u>67.8</u>	<u>6.5</u>	<u>624</u>	<u>5.0</u>	
<u>1115</u>	<u>67.4</u>	<u>6.5</u>	<u>620</u>	<u>7.5</u>	

Did well dewater?      Yes       No      Gallons actually evacuated: 8

Sampling Time: 1120      Sampling Date: 2/29/00

Sample I.D.: C-3      Laboratory: STL       Sequoia      Other \_\_\_\_\_

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

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

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

D.O. (if req'd):      Pre-purge: 0.4 mg/L      Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd):      Pre-purge: \_\_\_\_\_ mV      Post-purge: \_\_\_\_\_ mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 000279C1	Station #: 9-3864
Sampler: Jeff	Date: 2/29/00
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8
Total Well Depth: 22.40	Depth to Water: 9.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVO Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing

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

2.2 (Gals.) X 3 = 6.4 Gals.  
 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
955	63.1	7.1	397	2	
1000	64.1	6.5	389	4	
1005	64.3	6.5	390	6.5	

Did well dewater? Yes  No  Gallons actually evacuated: 7

Sampling Time: 1010      Sampling Date: 2/29/00

Sample I.D.: MW-1      Laboratory: STL  Sequoia Other

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

EB I.D. (if applicable): @ Time      Duplicate I.D. (if applicable):

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

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L      Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV      Post-purge: \_\_\_\_\_ mV



## CHEVRON WELL MONITORING DATA SHEET

Project #: 000229 C1	Station #: 9-3864
Sampler: Jeff + JR	Date: 2/29/00
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8
Total Well Depth: 24.00	Depth to Water: 6.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVO <input type="checkbox"/> Grade	D.O. Meter (if req'd): <input type="checkbox"/> YSI <input type="checkbox"/> HACH

Purge Method:

- Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

- Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing

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

2.7 (Gals.) X 3 = 8.1 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:20	63.6	7.1	412	3	turbid
10:25	64.5	7.0	427	6	
10:39	64.8	6.9	430	8.5	✓

Did well dewater?      Yes       No      Gallons actually evacuated: 8.5

Sampling Time: 10:43      Sampling Date: 2/29/00

Sample I.D.: MW-2      Laboratory: STL       Sequoia      Other

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

EB I.D. (if applicable): @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable):

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

D.O. (if req'd):      Pre-purge: \_\_\_\_\_ mg/L      Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd):      Pre-purge: \_\_\_\_\_ mV      Post-purge: \_\_\_\_\_ mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>0002</u>	Station #: <u>9-3864</u>
Sampler: <u>Jeff</u>	Date: <u>2/29/00</u>
Well I.D.: <u>M.W-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>21.57</u>	Depth to Water: <u>13.30</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing

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

<u>1.3</u>	(Gals.) X	<u>3</u>	=	<u>3.40</u>	Gals.
Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1025</u>	<u>66.8</u>	<u>6.6</u>	<u>360</u>	<u>1</u>	
<u>1030</u>	<u>67.1</u>	<u>6.6</u>	<u>362</u>	<u>2.5</u>	
<u>1035</u>	<u>66.9</u>	<u>6.6</u>	<u>367</u>	<u>4</u>	

Did well dewater? Yes   No Gallons actually evacuated: 4

Sampling Time: 1040 Sampling Date: 2/29/00

Sample I.D.: MW-5 Laboratory: STL  Sequoia Other

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

EB I.D. (if applicable): @ \_\_\_\_\_ Time Duplicate I.D. (if applicable):

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

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV Post-purge: \_\_\_\_\_ mV