

ENVIRONMENTAL  
PROTECTION

00 APR 10 AM 10:07



**Chevron**

*LOP 2047*

*RO02*

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) 842-2520  
Fax (510) 842-3370

Date: 3-31-00  
To: Distribution  
Re: Groundwater Monitoring Report , 9-1583

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) 842-3695

Sincerely,

Eric Hunter  
Site Assessment and Remediation  
Project Manager

*5509 MLKS. wjg*

LOP - RECORD CHANGE REQUEST FORM

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

Insp: SH

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
 StID : 2047      LOC:  
 SITE NAME: Chevron Service Sta. #9-1583      DATE REPORTED : 01/25/1990  
 ADDRESS : 5509 Martin L King Way      DATE CONFIRMED: 01/25/1990  
 CITY/ZIP : Oakland      94609      MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4      PRIOR CODE:2B3      EMERGENCY RESP:  
 RP SEARCH: S      DATE COMPLETED: 07/01/1992  
 PRELIMINARY ASMNT: U      DATE UNDERWAY: 04/04/1990      DATE COMPLETED:  
 REM INVESTIGATION:      DATE UNDERWAY:      DATE COMPLETED:  
 REMEDIAL ACTION:      DATE UNDERWAY:      DATE COMPLETED:  
 POST REMED ACT MON:      DATE UNDERWAY:      DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 07/01/1992  
 LUFT FIELD MANUAL CONSID: 3HSCAWG  
 CASE CLOSED:      DATE CASE CLOSED:  
 DATE EXCAVATION STARTED :      REMEDIAL ACTIONS TAKEN: NT

RESPONSIBLE PARTY INFORMATION

RP#1-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

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

BLAINE  
TECH SERVICES INC



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

March 31, 2000

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

### 1st Quarter 2000 Monitoring at 9-1583

First Quarter 2000 Groundwater Monitoring at  
Chevron Service Station Number 9-1583  
5509 Martin Luther King Jr. Way  
Oakland, CA

Monitoring Performed on January 17, 2000

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#### Groundwater Sampling Report 000117-U-2

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

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

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

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

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

Please call if you have any questions.

Yours truly,



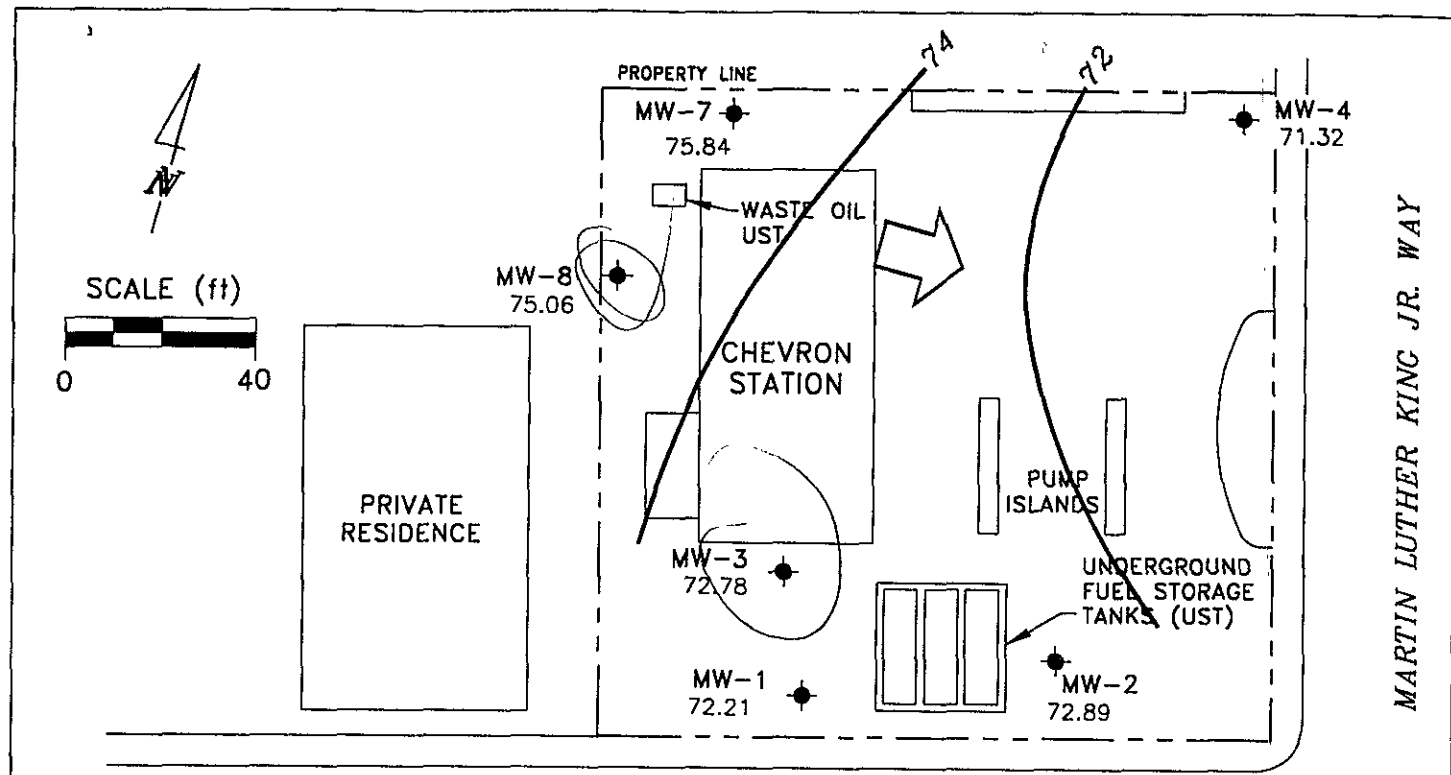
Scott Boor  
Project Coordinator

SDB/pb

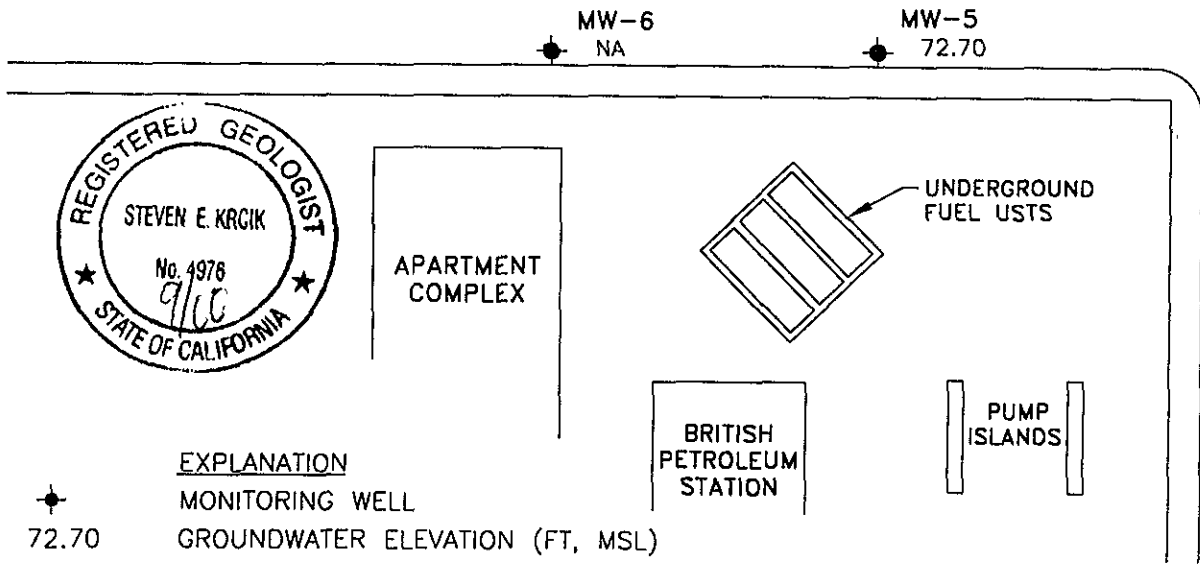
attachments: Professional Engineering Appendix  
Cumulative Table of Well Data and Analytical Results  
Analytical Appendix  
Field Data Sheets

cc: Susan Hugo, Alameda County Health Care Services  
Ben Shimek, Petroleum Sales, Inc.  
Greg Gurss, Gettler-Ryan, Inc.  
Bill Scudder, Chevron (w/o enclosure)

# **Professional Engineering Appendix**



55th STREET



- EXPLANATION**
- MONITORING WELL
  - 72.70 GROUNDWATER ELEVATION (FT, MSL)
  - 74 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
  - NA DATA NOT AVAILABLE
  - ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION;  
APPROXIMATE GRADIENT = 0.035

PREPARED BY

**RRM**

engineering contracting firm

**Chevron Station 9-1583**  
 5509 Martin Luther King Jr. Way  
 Oakland, California

**GROUNDWATER ELEVATION CONTOUR MAP,**  
 JANUARY 17, 2000

FIGURE:  
**1**

PROJECT:  
 DAC04

# **Table of Well Data and Analytical Results**

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-1</b>													
12/22/83	81.97	71.72	10.25	--	--	--	--	--	--	--	--	--	--
12/30/83	81.97	72.80	9.17	--	--	--	--	--	--	--	--	--	--
03/12/90	81.97	71.89	10.08	--	50,000	3000	7300	1900	18,000	--	--	--	--
03/25/90	82.42	71.51	10.46	--	--	--	--	--	--	--	--	--	--
10/18/90	82.42	--	--	--	--	--	--	--	--	--	--	--	--
10/31/90	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	82.42	70.84	11.58	--	--	--	--	--	--	--	--	--	--
02/08/91	82.42	72.31	10.11	--	100,000	4200	8400	16,000	2600	--	--	--	--
05/08/91	82.42	71.97	10.45	--	31,000	200	66	670	2000	--	--	--	--
08/12/91	82.42	71.19	11.23	--	17,000	81	7.2	270	710	--	--	--	--
11/07/91	82.42	71.72	10.70	--	7100	24	6.0	130	170	--	--	--	--
02/05/92	82.42	72.05	10.37	--	110,000	8900	14,000	2700	12,000	--	--	--	--
05/13/92	82.42	71.84	10.58	--	19,000	450	85	480	870	--	--	--	--
07/17/92	82.42	71.37	11.05	--	8500	170	<10	360	600	--	--	--	--
10/05/92	82.42	71.01	11.41	--	22,000	4300	5100	570	2900	--	--	--	--
11/11/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	82.42	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	82.42	74.31	8.11	--	14,000,000	12,000	79,000	270,000	1,300,000	--	--	--	--
02/02/93	82.42	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	82.42	72.57	9.85	--	48,000	670	1100	1600	6300	--	--	--	--
08/06/93	82.42	71.59	10.83	--	44,000	660	990	1600	6100	--	--	--	--
10/21/93	82.42	71.52	10.90	--	18,000	270	460	1300	4700	--	--	--	--
01/05/94	82.42	72.09	10.33	--	22,000	160	160	630	2300	--	--	--	--
04/08/94	82.42	72.24	10.18	--	21,000	37	110	570	1400	--	--	--	--
07/06/94	82.42	71.78	10.64	--	28,000	210	100	540	1200	--	--	--	--
08/04/94	82.42	71.91	10.51	--	--	--	--	--	--	--	--	--	--
10/05/94	82.42	71.51	10.91	--	120,000	39	22	320	900	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-1 (CONT'D)</b>													
01/18/95	82.42	73.80	8.62	--	12,000	<20	<20	130	160	--	--	--	--
01/07/95	82.42	72.89	9.53	--	2500	<2.5	<2.5	71	38	--	--	--	--
07/06/95	82.42	72.03	10.39	--	5700	<0.5	<0.5	110	110	--	--	--	--
10/11/95	82.42	70.54	11.88	--	2700	13	<5.0	13	5.7	650	--	--	--
01/17/96	82.42	73.14	9.28	--	4200	12	<5.0	43	24	300	--	--	--
04/05/96	82.42	72.82	9.60	--	1300	<1.2	<1.2	7.6	2.8	220	--	--	--
07/23/96	82.42	72.19	10.23	--	700	<1.0	<1.0	7.0	4.8	240	--	--	--
10/02/96	82.42	71.67	10.75	--	1700	<2.5	9.8	10	13	610	--	--	--
01/23/97	82.42	74.75	7.67	--	1300	21	<10	<10	<10	2700	--	--	--
04/01/97	82.42	72.22	10.20	--	670	<2.0	<2.0	4.1	3.6	1200	--	--	--
07/09/97	82.42	72.12	10.30	--	460	<1.0	<1.0	<1.0	<1.0	440	--	--	--
10/07/97	82.42	71.73	10.69	--	1100	8.5	<2.0	<2.0	2.0	250	--	--	--
01/22/98	82.42	74.20	8.22	--	460	1.4	5.8	<0.5	<0.5	150	--	--	--
04/02/98	82.42	72.89	9.53	--	220	2.5	1.2	<1.0	1.9	260	--	--	--
07/02/98	82.42	72.08	10.34	--	270	<0.5	0.82	<0.5	<0.5	140	--	--	--
10/02/98	82.42	71.70	10.72	--	170	1.3	<0.5	<0.5	<1.5	320	--	--	--
01/18/99	82.42	72.87	9.55	--	416	<2.5	<2.5	<2.5	<2.5	316	--	--	--
01/18/99	82.42	72.87	9.55	Confirmation run	--	--	--	--	--	295	--	--	--
07/22/99	82.42	71.61	10.81	--	186	<0.5	3.94	1.46	2.37	63.7	--	--	--
01/17/00	82.42	72.21	10.21	--	248	1.63	<0.5	<0.5	<0.5	41	--	--	--

## 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	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-2</b>													
12/22/83	83.48	72.98	10.50	--	--	--	--	--	--	--	--	--	--
12/30/83	83.48	73.56	9.92	--	--	--	--	--	--	--	--	--	--
03/12/90	83.48	72.46	11.02	--	800	400	22	18	55	--	--	--	--
03/25/90	83.48	72.15	11.33	--	--	--	--	--	--	--	--	--	--
10/18/90	83.48	71.17	12.31	--	--	--	--	--	--	--	--	--	--
10/31/90	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	83.48	--	--	--	--	--	--	--	--	--	--	--	--
02/08/91	83.48	72.43	11.05	--	4600	820	440	720	210	--	--	--	--
05/08/91	83.48	72.12	11.36	--	<50	5.0	<0.5	<0.5	<0.5	--	--	--	--
08/12/91	83.48	71.51	11.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/07/91	83.48	71.98	11.50	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/05/92	83.48	72.29	11.19	--	1700	390	170	60	200	--	--	--	--
05/13/92	83.48	71.99	11.49	--	74	9.3	<0.5	<0.5	<0.5	--	--	--	--
07/17/92	83.48	71.63	11.85	--	<50	2.0	<0.5	<0.5	<0.5	--	--	--	--
10/05/92	83.48	71.48	12.00	--	3500	1200	530	86	220	--	--	--	--
11/11/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	83.48	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	83.48	74.65	8.83	--	390	140	0.8	7.7	26	--	--	--	--
02/02/93	83.48	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	83.48	72.69	10.79	--	<50	5.0	<0.5	<0.5	<0.5	--	--	--	--
08/06/93	83.48	71.77	11.71	--	<50	1.0	<0.5	<0.5	<0.5	--	--	--	--
10/21/93	83.48	71.74	11.74	--	<50	1.0	<0.5	9.0	<0.5	--	--	--	--
01/05/94	83.48	72.30	11.18	--	<50	0.7	<0.5	<0.5	0.9	--	--	--	--
04/08/94	83.48	72.42	11.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/94	83.48	71.80	11.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/04/94	83.48	72.29	11.19	--	--	--	--	--	--	--	--	--	--
10/05/94	83.48	71.79	11.69	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-2 (CONT'D)</b>													
01/18/95	83.48	74.26	9.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/07/95	83.48	73.62	9.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/95	83.48	72.74	10.74	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/11/95	83.48	72.26	11.22	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/17/96	83.48	73.74	9.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/05/96	83.48	73.52	9.96	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/23/96	83.48	72.57	10.91	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/96	83.48	72.41	11.07	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/23/97	83.48	75.18	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/01/97	83.48	72.90	10.58	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/09/97	83.48	72.58	10.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/07/97	83.48	72.52	10.96	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/22/98	83.48	74.73	8.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/02/98	83.48	73.66	9.82	--	89	3.0	5.4	4.1	21	<2.5	--	--	--
07/02/98	83.48	72.74	10.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/98	83.48	72.43	11.05	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
01/18/99	83.48	73.09	10.39	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--
07/22/99	83.48	72.61	10.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--
01/17/00	83.48	72.89	10.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-3</b>													
12/22/83	84.36	72.78	11.58	--	--	--	--	--	--	--	--	--	--
12/30/83	84.36	73.19	11.17	--	--	--	--	--	--	--	--	--	--
03/12/90	84.36	72.22	12.14	--	47,000	1000	9900	1700	9800	--	--	--	--
03/25/90	84.38	71.81	12.55	--	--	--	--	--	--	--	--	--	--
10/18/90	84.38	--	--	--	--	--	--	--	--	--	--	--	--
10/31/90	84.38	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	84.38	70.76	13.62	--	--	--	--	--	--	--	--	--	--
02/08/91	84.38	72.20	12.18	--	58,000	4900	5200	9500	2000	--	--	--	--
05/08/91	84.38	71.86	12.52	--	50,000	2100	1400	2000	9400	--	--	--	--
08/12/91	84.38	71.11	13.27	--	15,000	1300	160	920	1900	--	--	--	--
11/07/91	84.38	71.57	12.81	--	26,000	1000	310	1900	5900	--	--	--	--
02/05/92	84.38	71.91	12.47	--	35,000	2800	1300	1500	4700	--	--	--	--
05/13/92	84.38	71.76	12.62	--	47,000	1500	1200	1100	4800	--	--	--	--
07/17/92	84.38	71.25	13.13	--	15,000	120	11	88	140	--	--	--	--
10/05/92	84.38	70.95	13.62	Free Product (0.24')	--	--	--	--	--	--	--	--	--
11/11/92	84.38	71.63	12.89	Free Product (0.17')	--	--	--	--	--	--	--	--	--
11/17/92	84.38	71.54	12.89	Free Product (0.06')	--	--	--	--	--	--	--	--	--
11/24/92	84.38	71.56	12.86	Free Product (0.05')	--	--	--	--	--	--	--	--	--
12/01/92	84.38	71.48	12.92	Free Product (0.03')	--	--	--	--	--	--	--	--	--
12/29/92	84.38	73.14	11.24	Sheen	--	--	--	--	--	--	--	--	--
01/05/93	84.38	73.23	11.15	Sheen	--	--	--	--	--	--	--	--	--
01/08/93	84.38	74.28	10.10	--	250,000	5000	17,000	5500	28,000	--	--	--	--
02/02/93	84.38	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	84.38	72.48	11.91	Free Product (0.01')	--	--	--	--	--	--	--	--	--
08/06/93	84.38	71.48	12.90	Free Product (0.01')	150,000	3800	6600	3700	17,000	--	--	--	--
10/21/93	84.38	71.41	12.97	--	22,000	2300	1700	1400	5100	--	--	--	--
01/05/94	84.38	71.96	12.42	--	37,000	1600	1100	1300	6500	--	--	--	--
04/08/94	84.38	72.51	11.87	--	16,000	250	310	500	2500	--	--	--	--
07/06/94	84.38	71.64	12.74	--	43,000	660	320	1900	6400	--	--	--	--
08/04/94	84.38	71.71	12.67	--	--	--	--	--	--	--	--	--	--
10/05/94	84.38	71.43	12.95	--	12,000	280	90	480	370	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-3 (CONT'D)</b>													
01/18/95	84.38	73.72	10.66	--	20,000	200	230	700	3500	--	--	--	--
04/07/95	84.38	72.84	11.54	--	22,000	120	120	810	4400	--	--	--	--
07/06/95	84.38	71.99	12.39	--	15,000	110	<50	630	2100	--	--	--	--
10/11/95	84.38	72.07	12.31	--	8600	24	<10	360	560	1100	--	--	--
01/17/96	84.38	73.68	10.70	--	9300	<50	<50	230	1100	2300	--	--	--
04/05/96	84.38	73.35	11.03	--	8700	16	<10	110	650	990	--	--	--
07/23/96	84.38	72.38	12.00	--	5400	20	<5.0	190	480	2300	--	--	--
10/02/96	84.38	72.20	12.18	--	6200	43	<20	130	140	2800	--	--	--
01/23/97	84.38	75.12	9.26	--	5600	<5.0	<5.0	39	160	550	--	--	--
04/01/97	84.38	72.75	11.63	--	6900	17	<10	150	330	3900	--	--	--
07/09/97	84.38	72.38	12.00	--	5300	31	<5.0	100	180	2300	--	--	--
10/07/97	84.38	72.27	12.11	--	2400	15	<2.0	30	15	900	--	--	--
01/22/98	84.38	74.73	9.65	--	3200	2.5	7.9	70	220	660	--	--	--
04/02/98	84.38	73.49	10.89	--	1300	14	9.7	25	63	430	--	--	--
07/02/98	84.38	72.69	11.69	--	750	6.9	<5.0	18	9.1	370	--	--	--
10/02/98	84.38	72.23	12.15	--	1400	5.3	0.73	18	6.6	900	--	--	--
01/18/99	84.38	74.05	10.33	--	1270	<1.0	<1.0	7.95	<1.0	100	--	--	--
01/18/99	84.38	74.05	10.33	Confirmation run	--	--	--	--	--	99.7	--	--	--
07/22/99	84.38	72.08	12.30	--	2240	<1.0	<1.0	29.4	13.7	189	--	--	--
01/17/00	84.38	72.78	11.60	--	848	6.72	2.53	5.02	2.49	90	--	--	--

## 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	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-4</b>													
10/18/90	84.25	68.50	15.75	--	--	--	--	--	--	--	--	--	--
10/31/90	84.25	70.35	13.90	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--
11/16/90	84.25	70.00	14.25	--	--	--	--	--	--	--	--	--	--
02/08/91	84.25	71.93	12.32	--	60	17	2.0	12	<0.5	--	--	--	--
05/08/91	84.25	72.02	12.23	--	65	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/12/91	84.25	70.32	13.93	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/07/91	84.25	70.83	13.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/05/92	84.25	71.42	12.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
05/13/92	84.25	70.97	13.28	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/17/92	84.25	70.27	13.98	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/05/92	84.25	70.02	14.23	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/11/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	84.25	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	84.25	74.09	10.16	--	--	--	--	--	--	--	--	--	--
02/02/93	84.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/14/93	84.25	72.21	12.04	--	--	--	--	--	--	--	--	--	--
08/06/93	84.25	70.34	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/21/93	84.25	70.26	13.99	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/05/94	84.25	71.30	12.95	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/08/94	84.25	71.31	12.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/94	84.25	70.57	13.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/04/94	84.25	70.71	13.54	--	--	--	--	--	--	--	--	--	--
10/05/94	84.25	70.65	13.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/18/95	84.25	74.77	9.48	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/07/95	84.25	72.70	11.55	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/95	84.25	71.25	13.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/11/95	84.25	70.27	13.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-4 (CONT'D)</b>													
01/17/96	84.25	73.17	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/05/96	84.25	72.65	11.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/23/96	84.25	70.86	13.39	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/96	84.25	70.27	13.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/23/97	84.25	74.72	9.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/01/97	84.25	71.68	12.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/09/97	84.25	70.64	13.61	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/07/97	84.25	70.51	13.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/22/98	84.25	74.90	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/02/98	84.25	73.00	11.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/02/98	84.25	71.84	12.41	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/98	84.25	71.00	13.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/18/99	84.25	72.65	11.60	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
07/22/99	84.25	70.70	13.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--
01/17/00	84.25	71.32	12.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-5</b>													
10/18/90	81.95	71.17	10.78	--	--	--	--	--	--	--	--	--	--
10/31/90	81.95	71.32	10.63	--	110	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/16/90	81.95	71.27	10.68	--	--	--	--	--	--	--	--	--	--
02/08/91	81.95	72.78	9.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
05/08/91	81.95	73.27	8.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/12/91	81.95	71.62	10.33	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/07/91	81.95	72.19	9.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/05/92	81.95	72.48	9.47	--	69	<0.5	<0.5	<0.5	<0.5	--	--	--	--
05/13/92	81.95	72.25	9.70	--	74	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/17/92	81.95	71.74	10.21	--	880	2.6	<1.2	4.6	11	--	--	--	--
10/05/92	81.95	71.34	10.61	--	120	<0.5	<0.5	0.6	4.9	--	--	--	--
11/11/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	81.95	74.61	7.34	--	61	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/02/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
08/06/93	81.95	71.99	9.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/21/93	81.95	71.89	10.06	--	<50	<0.5	<0.5	2.0	4.0	--	--	--	--
01/05/94	81.95	72.52	9.43	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/08/94	81.95	72.56	9.39	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/94	81.95	72.19	9.76	--	<50	0.6	<0.5	<0.5	<0.5	--	--	--	--
08/04/94	81.95	72.13	9.82	--	--	--	--	--	--	--	--	--	--
10/05/94	81.95	71.89	10.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/18/95	81.95	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
04/07/95	81.95	73.31	8.64	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/95	81.95	72.52	9.43	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/11/95	81.95	72.12	9.83	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-5 (CONT'D)</b>													
01/17/96	81.95	73.63	8.32	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/05/96	81.95	73.23	8.72	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/23/96	81.95	72.25	9.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/96	81.95	72.06	9.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/23/97	81.95	74.72	7.23	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/01/97	81.95	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
07/09/97	81.95	72.27	9.68	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/07/97	81.95	72.14	9.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/22/98	81.95	74.80	7.15	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/02/98	81.95	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
07/02/98	81.95	72.43	9.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/98	81.95	72.14	9.81	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
01/18/99	81.95	73.11	8.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--
07/22/99	81.95	72.01	9.94	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--
01/17/00	81.95	72.70	9.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-6</b>													
10/18/90	80.60	70.81	9.79	--	--	--	--	--	--	--	--	--	--
10/31/90	80.60	70.91	9.69	--	<50	<0.5	<0.5	<0.5	3.0	--	--	--	--
11/16/90	80.60	70.86	9.74	--	--	--	--	--	--	--	--	--	--
02/08/91	80.60	--	--	--	--	--	--	--	--	--	--	--	--
05/08/91	80.60	71.06	9.54	--	56	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/12/91	80.60	71.10	9.50	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/07/91	80.60	71.71	8.89	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/05/92	80.60	72.01	8.59	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
05/13/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
07/17/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
10/05/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/11/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	80.60	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	80.60	--	--	--	--	--	--	--	--	--	--	--	--
02/02/93	80.60	72.89	7.71	--	<50	2.1	<0.5	<0.5	2.2	--	--	--	--
04/14/93	80.60	72.41	8.19	--	<50	1.0	<0.5	<0.5	<0.5	--	--	--	--
08/06/93	80.60	71.52	9.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/21/93	80.60	71.46	9.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/05/94	80.60	72.06	8.54	--	<50	4.0	<0.5	<0.5	<0.5	--	--	--	--
04/08/94	80.60	--	--	--	--	--	--	--	--	--	--	--	--
07/06/94	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
08/04/94	80.60	71.66	8.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/05/94	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
01/18/95	80.60	73.50	7.10	--	<50	0.69	<0.5	<0.5	0.57	--	--	--	--
04/07/95	80.60	72.77	7.83	--	<50	1.8	<0.5	<0.5	<0.5	--	--	--	--
07/06/95	80.60	72.03	8.57	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/11/95	80.60	71.54	9.06	--	<125	<1.2	<1.2	<1.2	<1.2	540	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-6 (CONT'D)</b>													
01/17/96	80.60	73.20	7.40	--	<50	<0.5	<0.5	<0.5	<0.5	180	--	--	--
04/05/96	80.60	72.70	7.90	--	<125	1.4	<1.2	<1.2	<1.2	700	--	--	--
07/23/96	80.60	71.86	8.74	--	<500	<5.0	<5.0	<5.0	<5.0	540	--	--	--
10/02/96	80.60	71.62	8.98	--	<100	<1.0	<1.0	<1.0	1.8	910	--	--	--
01/23/97	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
04/01/97	80.60	72.22	8.38	--	<250	<2.5	<2.5	<2.5	<2.5	640	--	--	--
07/09/97	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
10/07/97	80.60	71.71	8.89	--	<50	<0.5	<0.5	<0.5	<0.5	640	--	--	--
01/22/98	80.60	73.90	6.70	--	<50	<0.5	<0.5	<0.5	<0.5	200	--	--	--
04/02/98	80.60	72.79	7.81	--	<250	<2.5	<2.5	<2.5	<2.5	480	--	--	--
07/02/98	80.60	71.62	8.98	--	<50	<0.5	<0.5	<0.5	<0.5	420	--	--	--
10/02/98	80.60	71.68	8.92	--	<50	<0.5	<0.5	<0.5	<1.5	270	--	--	--
01/18/99	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
07/22/99	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
01/17/00	80.60	--	--	Inaccessible	--	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-7</b>													
03/08/94	86.36	74.99	11.37	--	1200	440	31	73	200	--	<10	4100	--
07/06/94	86.36	--	--	--	--	--	--	--	--	--	--	--	--
08/04/94	86.36	73.86	12.50	--	120	15	<0.5	3.8	1.8	--	--	--	--
10/05/94	86.36	73.99	12.37	--	150	1.2	<0.5	1.2	1.7	--	--	--	--
01/18/95	86.36	74.82	11.54	--	260	11	<1.0	17	6.8	--	--	--	--
04/07/95	86.36	75.63	10.73	--	230	<0.5	<0.5	25	0.93	--	--	--	--
07/06/95	86.36	74.36	12.00	--	320	<1.0	<1.0	<1.0	<1.0	--	--	--	6900
10/11/95	86.36	73.56	12.80	--	<50	<0.5	<0.5	<0.5	<0.5	120	--	2300*	--
01/17/96	86.36	75.90	10.46	--	<50	<0.5	<0.5	<0.5	<0.5	460	--	1700	--
04/05/96	86.36	76.56	9.80	--	130	<0.5	<0.5	<0.5	<0.5	120	--	590	--
07/23/96	86.36	74.57	11.79	--	<500	<5.0	<5.0	<5.0	<0.5	1200	--	820	--
10/02/96	86.36	73.10	13.26	--	<100	<1.0	<1.0	<1.0	<1.0	360	--	1500	--
01/23/97	86.36	77.64	8.72	--	<100	<1.0	<1.0	<1.0	<1.0	490	--	<500	--
04/01/97	86.36	75.09	11.27	--	<250	<2.5	<2.5	<2.5	<2.5	1200	--	1600	--
07/09/97	86.36	73.92	12.44	--	<250	5.9	<2.5	<2.5	<2.5	1200	--	5700	--
10/07/97	86.36	73.44	12.92	--	<50	<0.5	<0.5	<0.5	<0.5	240	--	<500	--
01/22/98	86.36	75.14	11.22	--	<50	<0.5	<0.5	<0.5	<0.5	400	--	<500	--
04/02/98	86.36	75.67	10.69	--	56	<0.5	<0.5	<0.5	<0.5	290	--	<500	--
07/02/98	86.36	75.94	10.42	--	<50	<0.5	<0.5	<0.5	<0.5	380	--	<500	--
10/02/98	86.36	74.14	12.22	--	<50	<0.5	<0.5	<0.5	<1.5	660	--	1700	--
01/18/99	86.36	75.36	11.00	--	<100	<1.0	<1.0	<1.0	<1.0	281	--	543	--
01/18/99	86.36	75.36	11.00	Confirmation run	--	--	--	--	--	296	--	--	--
07/22/99	86.36	74.06	12.30	--	<50	<0.5	<0.5	<0.5	<0.5	155	--	--	--
01/17/00	86.36	75.84	10.52	--	<50	<0.5	<0.5	<0.5	<0.5	104	256*	1040	--

\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>MW-8</b>													
03/08/94	85.93	75.06	10.87	--	28,000	2900	1300	1200	6800	--	<10	<100	--
07/06/94	85.93	--	--	--	--	--	--	--	--	--	--	--	--
08/04/94	85.93	73.77	12.16	--	22,000	3000	260	870	4400	--	--	--	--
10/05/94	85.93	72.71	13.22	--	12,000	1800	34	4.6	890	--	--	--	--
01/18/95	85.93	75.51	10.42	--	19,000	1000	65	1100	3500	--	--	--	--
04/07/95	85.93	75.48	10.45	--	14,000	310	<25	720	1700	--	--	--	--
07/06/95	85.93	74.30	11.63	--	19,000	280	<50	1200	2600	--	--	--	--
10/11/95	85.93	73.51	12.42	--	6100	140	5.5	320	280	1200	--	--	--
01/17/96	85.93	75.95	9.98	--	12,000	86	<20	590	1400	1100	--	<500	--
04/05/96	85.93	75.60	10.33	--	7500	180	23	410	480	560	--	<500	--
07/23/96	85.93	74.56	11.37	--	3800	47	<5.0	350	84	1800	--	<500	--
10/02/96	85.93	73.90	12.03	--	4400	65	<5.0	140	28	1500	--	<500	--
01/23/97	85.93	77.73	8.20	--	3800	36	5.9	140	36	910	--	<500	--
04/01/97	85.93	75.80	10.13	--	6100	43	<20	380	76	1800	--	<500	--
07/09/97	85.93	73.77	12.16	--	7300	48	<25	120	<25	2400	--	<500	--
10/07/97	85.93	73.77	12.16	--	3100	<10	<10	67	<10	1400	--	<500	--
01/22/98	85.93	75.83	10.10	--	1900	5.5	8.3	120	17	780	--	<500	--
04/02/98	85.93	75.55	10.38	--	2900	43	19	110	<10	800	--	<500	--
07/02/98	85.93	74.78	11.15	--	5000	31	<10	120	15	780	--	<500	--
10/02/98	85.93	74.03	11.90	--	2200	6.5	<0.5	21	2.6	140	--	1200*	--
01/18/99	85.93	75.12	10.81	--	2870	<5.0	<5.0	9.02	<5.0	476	554	<250	--
01/18/99	85.93	75.12	10.81	Confirmation run	--	--	--	--	--	478	--	--	--
07/22/99	85.93	74.38	11.55	--	2190	<1.0	<1.0	3.51	1.61	228	--	--	--
01/17/00	85.93	75.06	10.87	--	1220	1.3	1.56	1.56	1.87	<u>344</u>	955*	<500	--

\* Chromatogram pattern indicates an unidentified hydrocarbon.

### Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>TRIP BLANK</b>													
03/12/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--	--
02/08/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
05/08/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/12/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/07/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
05/13/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/17/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/11/92	--	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	--	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	--	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
02/02/93	--	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/06/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/21/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/05/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/08/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/04/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/05/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/18/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/07/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/11/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/17/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/05/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/23/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--

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	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TPH-Motor Oil	Total Oil & Grease
<b>TRIP BLANK (CONT'D)</b>													
01/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/01/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/09/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/22/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
04/02/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
07/02/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
10/02/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
01/18/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
01/17/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.  
 Earlier field data and analytical results are drawn from the November 23, 1994 Groundwater Technology, Inc. report.

**ABBREVIATIONS:**

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-Butyl Ether

# **Analytical Appendix**





February 18, 2000

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

RE: Chevron 9-1329/M001542

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on January 18, 2000. Chromatograms for unidentified hydrocarbons are included in this report. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes  
Project Manager

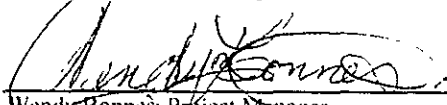
CA ELAP Certificate Number 1210



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr, Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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### ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M001542-01	Water	1/17/00
MW-2	M001542-02	Water	1/17/00
MW-3	M001542-03	Water	1/17/00
MW-4	M001542-04	Water	1/17/00
MW-5	M001542-05	Water	1/17/00
MW-7	M001542-06	Water	1/17/00
MW-8	M001542-07	Water	1/17/00
TR	M001542-08	Water	1/17/00

  
Wendy Bonness, Project Manager



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr, Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>MW-1</b>		<b>M001542-01</b>				<b>Water</b>		
Purgeable Hydrocarbons	0A27010	1/27/00	1/27/00	DHS LUFT	50.0	248	ug/l	P-01
Benzene	"	"	"	DHS LUFT	0.500	1.63	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	41.0	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		129	%	
<b>MW-2</b>		<b>M001542-02</b>				<b>Water</b>		
Purgeable Hydrocarbons	0A27010	1/27/00	1/27/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		108	%	
<b>MW-3</b>		<b>M001542-03</b>				<b>Water</b>		
Purgeable Hydrocarbons	0A27010	1/27/00	1/27/00	DHS LUFT	50.0	848	ug/l	P-01
Benzene	"	"	"	DHS LUFT	0.500	6.72	"	
Toluene	"	"	"	DHS LUFT	0.500	2.53	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	5.02	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	2.49	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	90.0	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		166	%	S-02
<b>MW-4</b>		<b>M001542-04</b>				<b>Water</b>		
Purgeable Hydrocarbons	0A27010	1/27/00	1/27/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		109	%	
<b>MW-5</b>		<b>M001542-05</b>				<b>Water</b>		
Purgeable Hydrocarbons	0A27009	1/27/00	1/27/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr., Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b>MW-5 (continued)</b>		<b>M001542-05</b>			<b>Water</b>			
Toluene	0A27009	1/27/00	1/27/00	DHS LUFT	0.500	ND	ug/l	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		81.1	%	
<b>MW-7</b>		<b>M001542-06</b>			<b>Water</b>			
Purgeable Hydrocarbons	0A27010	1/27/00	1/27/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	104	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		108	%	
<b>MW-8</b>		<b>M001542-07</b>			<b>Water</b>			
Purgeable Hydrocarbons	0A28006	1/28/00	1/28/00	DHS LUFT	100	1220	ug/l	P-04
Benzene	"	"	"	DHS LUFT	1.00	1.30	"	
Toluene	"	"	"	DHS LUFT	1.00	1.56	"	
Ethylbenzene	"	"	"	DHS LUFT	1.00	1.56	"	
Xylenes (total)	"	"	"	DHS LUFT	1.00	1.87	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	5.00	344	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		107	%	
<b>TB</b>		<b>M001542-08</b>			<b>Water</b>			
Purgeable Hydrocarbons	0A27010	1/27/00	1/27/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		105	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr., Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Hydrocarbons as Motor Oil by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<b><u>MW-7</u></b>				<b><u>M001542-06</u></b>			<b><u>Water</u></b>	
Motor Oil (C16-C36)	0A31045	1/31/00	2/1/00	DHS LUFT	0.500	<b>1.04</b>	mg/l	D-20
Diesel Range Hydrocarbons	"	"	"	DHS LUFT	0.0500	<b>0.256</b>	"	D-15
Surrogate: n-Pentacosane	"	"	"	50-150		NR	%	S-02
<b><u>MW-8</u></b>				<b><u>M001542-07</u></b>			<b><u>Water</u></b>	
Motor Oil (C16-C36)	0A26057	1/26/00	1/29/00	DHS LUFT	0.500	ND	mg/l	
Diesel Range Hydrocarbons	"	"	"	DHS LUFT	0.0500	<b>0.955</b>	"	D-15
Surrogate: n-Pentacosane	"	"	"	50-150		107	%	



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr., Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 0A27009</b>			<b>Date Prepared: 1/27/00</b>			<b>Extraction Method: EPA 5030B [P/T]</b>				
<b>Blank</b>			<b>0A27009-BLK1</b>							
Purgeable Hydrocarbons	1/27/00			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	"	2.50				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		9.06	"	70-130	90.6			
<b>LCS</b>			<b>0A27009-BS1</b>							
Benzene	1/27/00	10.0		9.46	ug/l	70-130	94.6			
Toluene	"	10.0		9.38	"	70-130	93.8			
Ethylbenzene	"	10.0		9.43	"	70-130	94.3			
Xylenes (total)	"	30.0		28.3	"	70-130	94.3			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		9.72	"	70-130	97.2			
<b>Matrix Spike</b>			<b>0A27009-MS1 M001695-01</b>							
Benzene	1/27/00	10.0	ND	10.4	ug/l	60-140	104			
Toluene	"	10.0	ND	10.3	"	60-140	103			
Ethylbenzene	"	10.0	ND	10.3	"	60-140	103			
Xylenes (total)	"	30.0	ND	31.7	"	60-140	106			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		9.54	"	70-130	95.4			
<b>Matrix Spike Dup</b>			<b>0A27009-MSD1 M001695-01</b>							
Benzene	1/27/00	10.0	ND	9.56	ug/l	60-140	95.6	25	8.42	
Toluene	"	10.0	ND	9.48	"	60-140	94.8	25	8.29	
Ethylbenzene	"	10.0	ND	9.53	"	60-140	95.3	25	7.77	
Xylenes (total)	"	30.0	ND	29.5	"	60-140	98.3	25	7.19	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	10.0		8.87	"	70-130	88.7			
<b>Batch: 0A27010</b>			<b>Date Prepared: 1/27/00</b>			<b>Extraction Method: EPA 5030B [P/T]</b>				
<b>Blank</b>			<b>0A27010-BLK1</b>							
Purgeable Hydrocarbons	1/27/00			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	"	2.50				

50



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr., Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Blank (continued)</b>										
<u>0A27010-BLK1</u>										
Surrogate: a,a,a-Trifluorotoluene	1/27/00	10.0		9.67	ug/l	70-130	96.7			
<b>LCS</b>										
<u>0A27010-BS1</u>										
Benzene	1/27/00	10.0		10.3	ug/l	70-130	103			
Toluene	"	10.0		9.84	"	70-130	98.4			
Ethylbenzene	"	10.0		10.3	"	70-130	103			
Xylenes (total)	"	30.0		30.5	"	70-130	102			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.4	"	70-130	104			
<b>Matrix Spike</b>										
<u>0A27010-MS1 M001542-02</u>										
Benzene	1/27/00	10.0	ND	10.3	ug/l	60-140	103			
Toluene	"	10.0	ND	9.78	"	60-140	97.8			
Ethylbenzene	"	10.0	ND	10.2	"	60-140	102			
Xylenes (total)	"	30.0	ND	30.3	"	60-140	101			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.6	"	70-130	106			
<b>Matrix Spike Dup</b>										
<u>0A27010-MSD1 M001542-02</u>										
Benzene	1/27/00	10.0	ND	10.3	ug/l	60-140	103	25	0	
Toluene	"	10.0	ND	9.75	"	60-140	97.5	25	0.307	
Ethylbenzene	"	10.0	ND	10.2	"	60-140	102	25	0	
Xylenes (total)	"	30.0	ND	30.3	"	60-140	101	25	0	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.5	"	70-130	105			
<b>Batch: 0A28006</b>										
<u>Date Prepared: 1/28/00</u>										
<u>Extraction Method: EPA 5030B (P/T)</u>										
<b>Blank</b>										
<u>0A28006-BLK1</u>										
Purgeable Hydrocarbons	1/28/00			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	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.86	"	70-130	98.6			
<b>LCS</b>										
<u>0A28006-BS1</u>										
Purgeable Hydrocarbons	1/28/00	250		237	ug/l	70-130	94.8			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.9	"	70-130	109			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr., Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Matrix Spike</b>										
	<u>0A28006-MS1</u>	<u>MJA0064-01</u>								
Purgeable Hydrocarbons	1/28/00	250	ND	231	ug/l	60-140	92.4			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.53	"	70-130	85.3			
<b>Matrix Spike Dup</b>										
	<u>0A28006-MSD1</u>	<u>MJA0064-01</u>								
Purgeable Hydrocarbons	1/28/00	250	ND	236	ug/l	60-140	94.4	25	2.14	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.55	"	70-130	85.5			







Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr., Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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**Hydrocarbons as Motor Oil by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 0A26057</b>			<b>Date Prepared: 1/26/00</b>			<b>Extraction Method: EPA 3520B</b>				
<b>Blank</b>			<b>0A26057-BLK1</b>							
Motor Oil (C16-C36)	1/29/00			ND	mg/l	0.500				
Diesel Range Hydrocarbons	"			ND	"	0.0500				
Surrogate: n-Pentacosane	"	0.100	0.103		"	50-150	103			
<b>LCS</b>			<b>0A26057-BS1</b>							
Diesel Range Hydrocarbons	1/29/00	1.00	0.907		mg/l	60-140	90.7			
Surrogate: n-Pentacosane	"	0.100	0.107		"	50-150	107			
<b>LCS Dup</b>			<b>0A26057-BSD1</b>							
Diesel Range Hydrocarbons	1/29/00	1.00	0.905		mg/l	60-140	90.5	50	0.221	
Surrogate: n-Pentacosane	"	0.100	0.114		"	50-150	114			
<b>Batch: 0A31045</b>			<b>Date Prepared: 1/31/00</b>			<b>Extraction Method: EPA 3510B</b>				
<b>Blank</b>			<b>0A31045-BLK1</b>							
Motor Oil (C16-C36)	2/1/00			ND	mg/l	0.500				
Diesel Range Hydrocarbons	"			ND	"	0.0500				
Surrogate: n-Pentacosane	"	0.100	0.105		"	50-150	105			
<b>LCS</b>			<b>0A31045-BS1</b>							
Diesel Range Hydrocarbons	2/1/00	1.00	0.886		mg/l	60-140	88.6			
Surrogate: n-Pentacosane	"	0.100	0.106		"	50-150	106			
<b>LCS Dup</b>			<b>0A31045-BSD1</b>							
Diesel Range Hydrocarbons	2/1/00	1.00	0.843		mg/l	60-140	84.3	50	4.97	
Surrogate: n-Pentacosane	"	0.100	0.107		"	50-150	107			

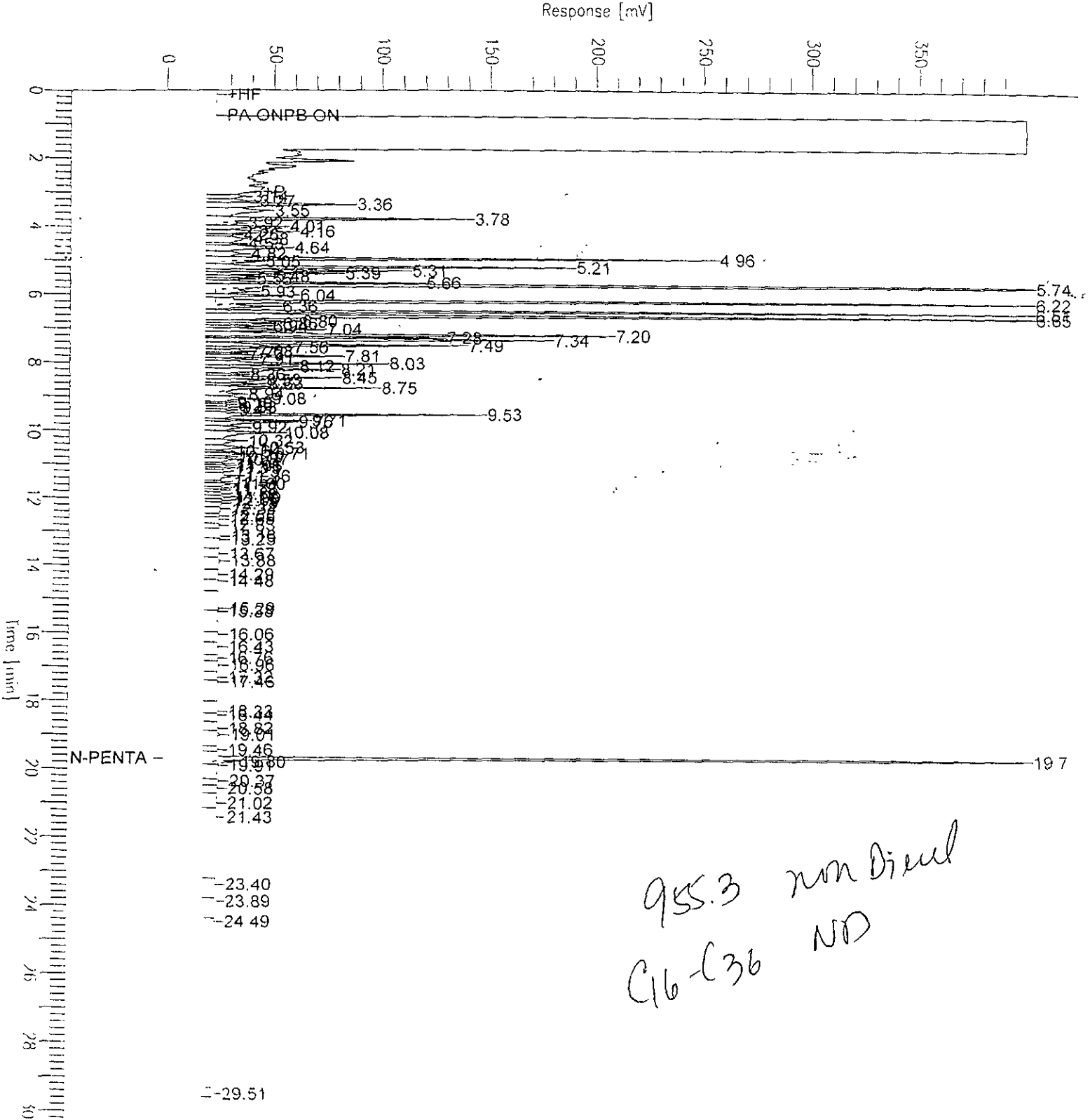


# Chromatogram

Sample Name : M001542-07 (500:1)  
FileName : C:\DATA\GHP\_05\0130\129B006.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor: 0.0

Sample #: MW-8  
Date : 1/29/00 04:09 PM  
Time of Injection: 1/29/00 03:35 PM  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV

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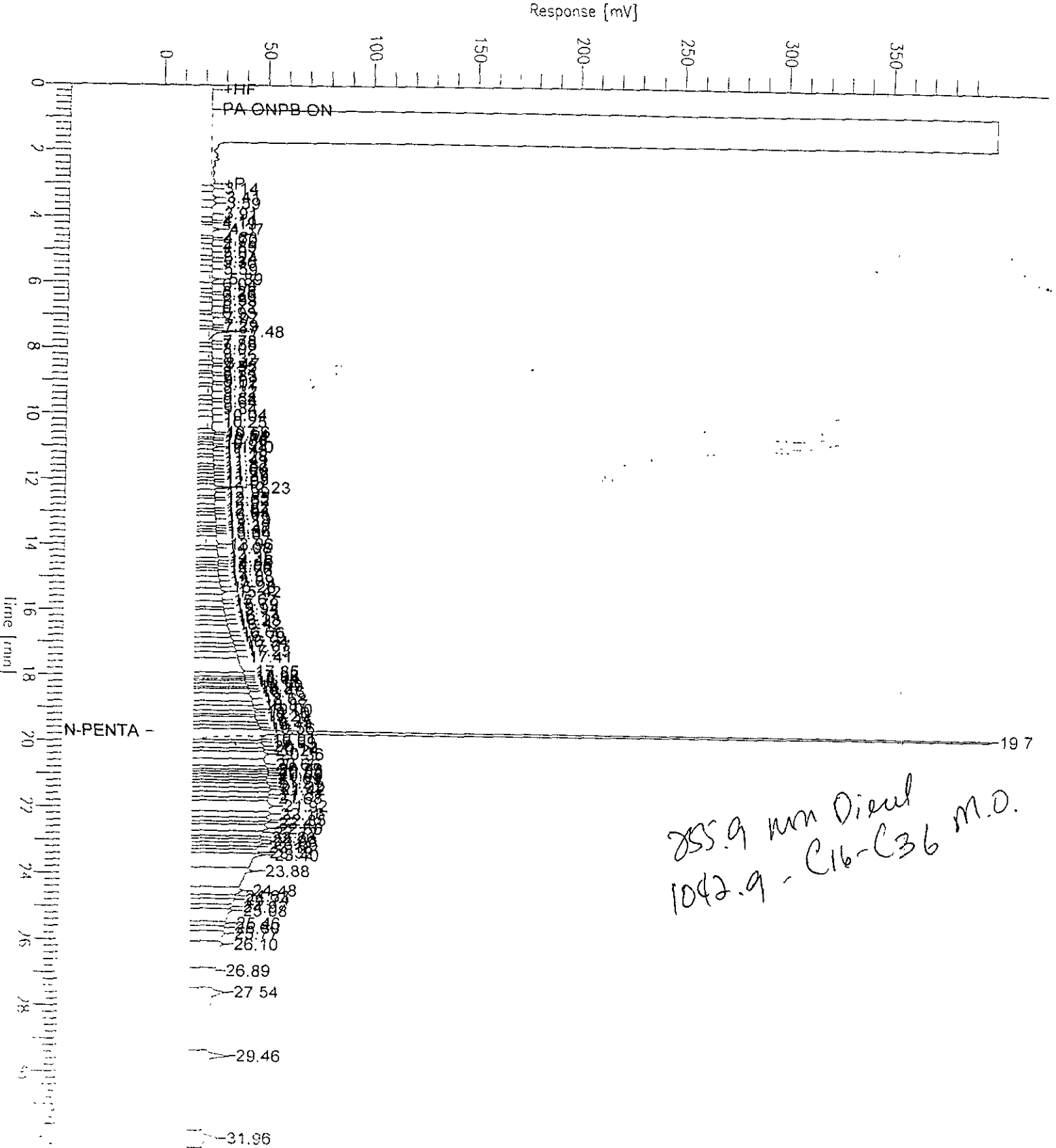


# Chromatogram

Sample Name : M001542-06 (500:1)  
FileName : C:\DATA\GHP\_05\0206\201B008.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor: 0.0

Sample #: MW-7  
Date : 2/1/00 06:21 PM  
Time of Injection: 2/1/00 05:46 PM  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV

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285.9 mm Diesel  
1042.9 - C16-C36 M.O.

# Chromatogram

Sample Name : M001542-07RE

FileName : S:\GHP\_30\0130\128A013.raw

Method : TPH

Start Time : 0.00 min

Scale Factor : -1.0

End Time : 20.82 min

Plot Offset : 0 mV

Sample # : MW-8

Date : 1/28/00 13:26

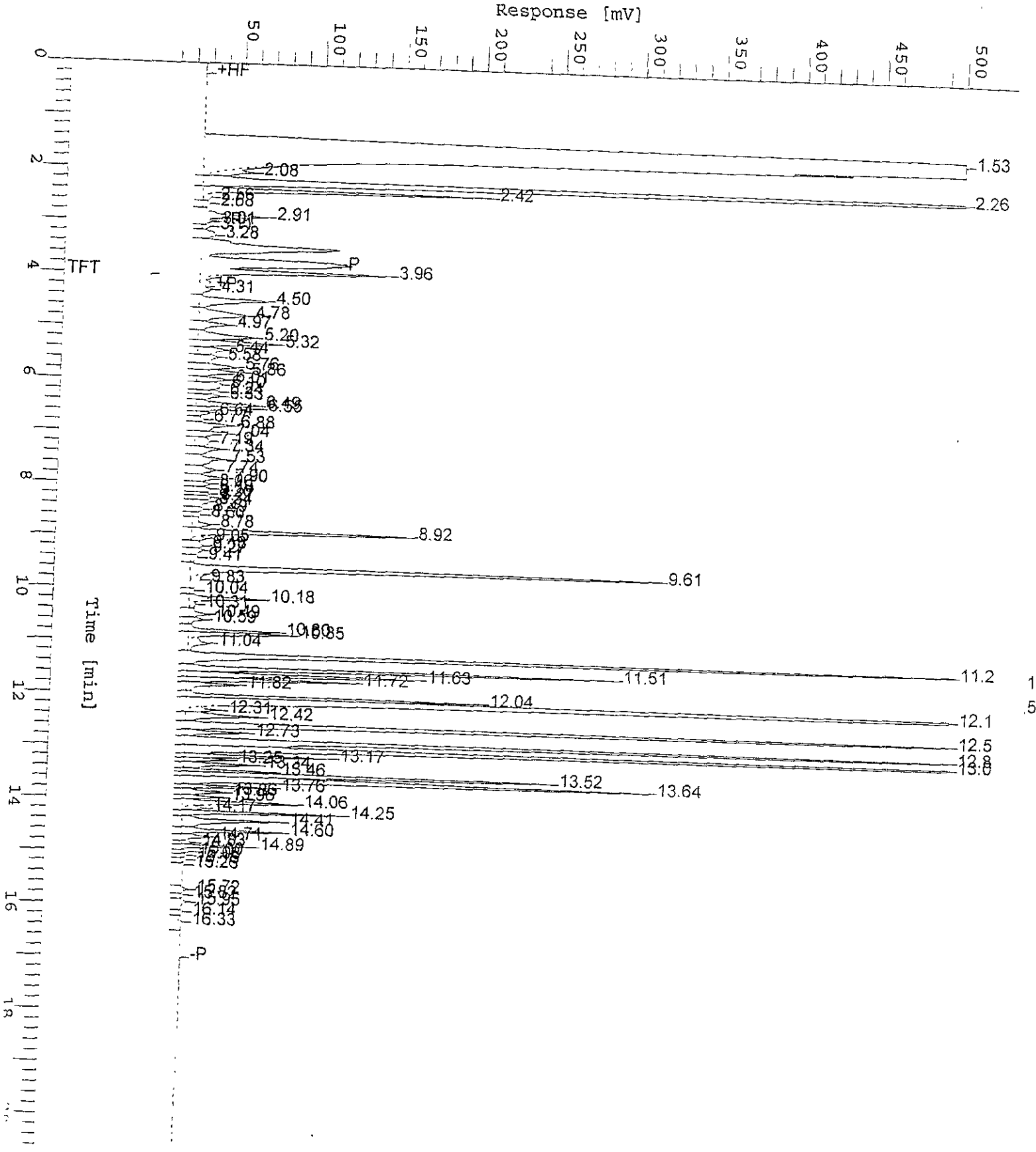
Time of Injection : 1/28/00 13:05

Low Point : 0.37 mV

Plot Scale : 500.0 mV

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High Point : 500.37 mV





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-1583 (5509 MLK Jr, Oakland) Project Number: 000117-U2 Project Manager: Scott Boor	Sampled: 1/17/00 Received: 1/18/00 Reported: 2/18/00 15:20
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### Notes and Definitions

#	Note
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- D-15 Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
- D-20 Chromatogram pattern: Motor Oil C16-C36.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-04 Chromatogram Pattern: Weathered Gasoline C6-C12 + Unidentified Hydrocarbons C6-C12
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- 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



Fax copy of Lab Report and COC to Chevron Contact:

Yes  
 No

Chain-of-Custody-Record

Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370	Chevron Facility Number <u>9-1583</u>	Chevron Contact Name) <u>Brett Hunter</u>
	Facility Address <u>5509 Martin Luther King Jr., Oakland</u>	(Phone) <u>(925) 842-8695</u>
	Consultant Project Number <u>OK 1-42</u>	Laboratory Name <u>Sequoia</u>
	Consultant Name <u>Blaine Tech Services, Inc.</u>	Laboratory Service Order <u>9144488</u>
	Address <u>1680 Rogers Ave., San Jose</u>	Laboratory Service Code <u>ZZ02790</u>
Project Contact (Name) <u>Scott Boor</u>	Samples collected by (Name) <u>Sanjiv</u>	Signature <u>[Signature]</u>
	(Phone) <u>408-573-0555</u> (Fax) <u>408-573-7771</u>	

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Sample Preservation	Date/Time	State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT														Remarks
					BTEX/MTBE + TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8270)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH - D Extended	motor oil	
MW-1	3	W	HCl	01-17-00 14:02	X													1	
MW-2				01-17-00 13:41														2	
MW-3				01-17-00 14:27														3	
MW-4				01-17-00 13:17														4	
MW-5	↓			01-17-00 12:20														5	
MW-7	5			01-17-00 14:45													X	6	
MW-8	5			01-17-00 15:10													X	7	
TB	2	↓	↓	01-17-00	↓													8	

MW 1542

Received By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>1/18/00 9:32</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SA</u>	Date/Time <u>1/18/00 1:04</u>	Iced Y/N	Turn Around Time (Circle One) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Received By (Signature) <u>[Signature]</u>	Organization <u>[Signature]</u>	Date/Time <u>1/18/00</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>[Signature]</u>	Date/Time <u>[Signature]</u>	Iced Y/N	
Received For Laboratory By (Signature) <u>[Signature]</u>	Organization <u>[Signature]</u>	Date/Time <u>[Signature]</u>	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization <u>[Signature]</u>	Date/Time <u>[Signature]</u>	Iced Y/N	

# **Field Data Sheets**





# CHEVRON WELL MONITORING DATA SHEET

Project #: 000117-47	Station #: 9-1583
Sampler: Sanjiv	Date: 01-17-00
Well I.D.: MW-1	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 19.42	Depth to Water: 10.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: \_\_\_\_\_

Sampling Method:

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

3.4	x	3	=	10.2	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:56	62.1	7.0	411	3.5	
13:58	61.1	6.9	411	7	
14:00	60.9	6.9	412	10.5	

Did well dewater? Yes  (No)  Gallons actually evacuated: 10.5

Sampling Time: 14.02 Sampling Date: 01-17-00

Sample I.D.: MW-1 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: C100117-02	Station #: 9-1583
Sampler: <del>Sanjiv</del>	Date: 01-17-00
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8
Total Well Depth: 18.21	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	radius <sup>2</sup> * 0.163

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

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

2.8	x	3	=	8.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:35	64.6	6.9	384	3	
13:37	64.7	6.9	371	6	
13:39	64.6	6.9	372	8.5	

Did well dewater? Yes  No  Gallons actually evacuated: 8.5

Sampling Time: 13:41 Sampling Date: 01-17-00

Sample I.D.: MW-2 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: 00C117-42	Station #: 9-1583
Sampler: Sanjiv	Date: 01-17-00
Well I.D.: MW-3	Well Diameter: 2 3 4 6 8
Total Well Depth: 19.00	Depth to Water: 11.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.165

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: \_\_\_\_\_

Sampling Method:

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

2.7	x	3	=	81	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:21	62.9	7.1	254	3	
14:23	64.5	6.9	309	6	
14:25	65.5	6.8	317	8	

Did well dewater? Yes  No  Gallons actually evacuated: 8

Sampling Time: 14:27 Sampling Date: 01-17-00

Sample I.D.: MW-3 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>CC017-42</u>	Station #: <u>9-1523</u>
Sampler: <u>Sauger</u>	Date: <u>01-17-00</u>
Well I.D.: <u>MW-4</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>2431</u>	Depth to Water: <u>12.93</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>

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

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: \_\_\_\_\_

Sampling Method:

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

<u>1.8</u>	x	<u>3</u>	=	<u>5.4</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:11	65.2	6.5	493	2	
13:13	65.4	6.3	501	4	
13:15	65.7	6.7	509	5.5	

Did well dewater? Yes  No

Gallons actually evacuated: 5.5

Sampling Time: 13:17

Sampling Date: 01-17-00

Sample I.D.: MW-4

Laboratory: Sequoia / CORE N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: \_\_\_\_\_

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>700117-42</u>	Station #: <u>9-1583</u>
Sampler: <u>Sanjiv</u>	Date: <u>4-17 01-17-00</u>
Well I.D.: <u>MW-7</u>	Well Diameter: <u>2</u> , 3 4 6 8
Total Well Depth: <u>19.11</u>	Depth to Water: <u>10.52</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>

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

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

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

<u>13</u>	x	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:41	62.1	6.5	609	2	
14:42	63.3	6.7	635	3	
14:43	63.2	6.8	643	4	

Did well dewater? Yes  No  Gallons actually evacuated: 4

Sampling Time: 14:45 Sampling Date: 01-17-00

Sample I.D.: MW-7 Laboratory: Sequoia, CORE N. Creek Assoc. Labs

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: 000117-02	Station #: 9-1583
Sampler: Sanjiv	Date: 01-17-00
Well I.D.: MW 8	Well Diameter: (2) 3 4 6 8
Total Well Depth: 17.72	Depth to Water: 10.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

12	x	3	=	3.6	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
15:06	62.2	6.9	673	2	
15:07	63.0	6.9	671	3	
15:08	63.7	6.8	673	4	

Did well dewater? Yes  (No)  Gallons actually evacuated: 67

Sampling Time: 15:10 Sampling Date: 01-17-00

Sample I.D.: MW-8 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MIBE TPH-D Other: \_\_\_\_\_

uplicate I.D.: \_\_\_\_\_ Analyzed for: TPH-G BTEX MIBE TPH-D Other: \_\_\_\_\_

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