

[Handwritten initials]



Chevron

February 15, 1996

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

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

Mark A. Miller
SAR Engineer
Phone No. 510 842-8134
Fax No. 510 842-8252

**Re: Former Chevron Service Station #9-2384
15526 Hesperian Boulevard, San Lorenzo, CA**

Dear Ms. Leech:

Enclosed is the Fourth Quarter 1995 Groundwater Monitoring Report dated January 18, 1996, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As approved in the County's January 10, 1996, letter, monitor wells MW-6, MW-7, and MW-8 are monitored and sampled on a semi-annual basis and well MW-5 is monitored and sampled on an annual basis.

As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and BTEX. ^{and BTEX} Dissolved concentrations of these constituents observed during the past quarter are consistent with historical results. Depth to ground water was measured at approximately 12.3 to 14.2 feet below grade and the direction of flow is to the west-northwest.

Chevron will continue to monitor and sample ground water at this site in accordance with the plan outlined above. If you have any question or comments, please feel free to contact me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

[Handwritten signature of Mark A. Miller]

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

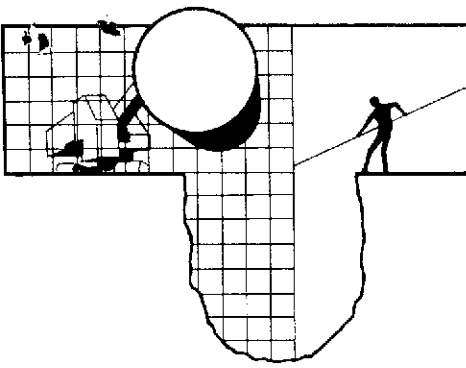
cc: Ms. B.C. Owen

[Vertical stamp: RECEIVED FEB 23 1996]



Ms. Amy Leech
February 15, 1996
Page 2

Mr. Andy On
Insta-Lube
736 West MacArthur Boulevard
Oakland, CA 94609



BLAINE TECH SERVICES INC.

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

January 18, 1996

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

4th Quarter 1995 Monitoring at 9-2384

Fourth Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-2384
15526 Hesperian Blvd.
San Lorenzo, CA

Monitoring Performed on December 19, 1995

Groundwater Sampling Report 951219-W-4

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

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

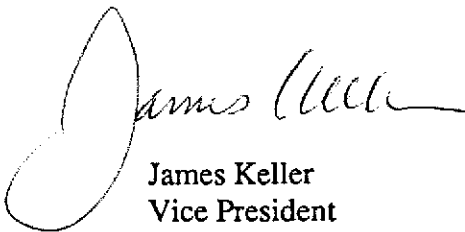
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater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

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

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

Please call if you have any questions.

Yours truly,

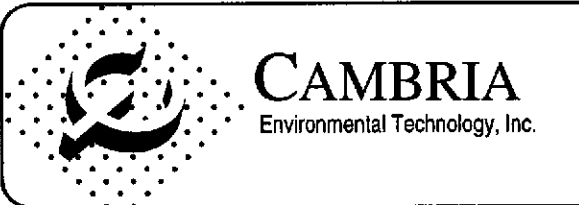
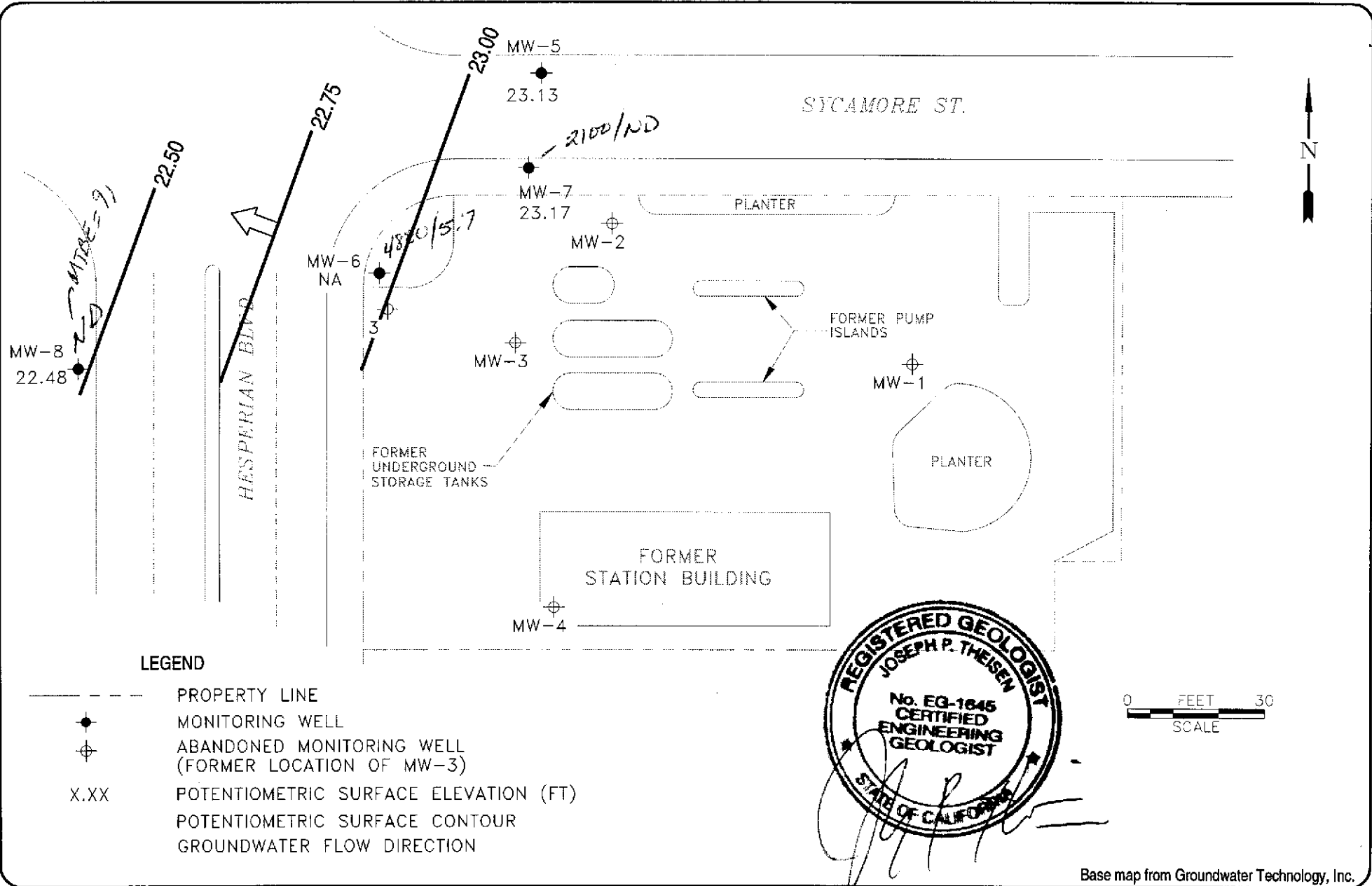


James Keller
Vice President

JPK/dk

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

Professional Engineering Appendix



Former Chevron Station 9-2384
 15526 Hesperian Blvd.
 San Lorenzo, California

VCHEVRON9-2384\2384-QM.DWG

Ground Water Elevation
 December 19, 1995

FIGURE
1



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
MW-1										
06/04/92	35.64	22.52	13.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/30/92	35.64	21.82	13.82	--	--	--	--	--	--	--
08/25/92	35.64	21.44	14.20	--	--	--	--	--	--	--
09/23/92	35.64	21.05	14.59	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/92	35.64	21.36	14.28	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	35.64	24.74	10.90	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/02/93	35.65	24.24	11.41	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/22/93	35.65	22.88	12.77	--	<50	0.9	0.9	<0.5	<1.5	--
10/01/93	35.65	22.72	12.93	--	--	--	--	--	--	--
03/10/94	35.65	23.52	12.13	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/12/94	35.65	23.34	12.31	--	--	--	--	--	--	--
06/17/94	35.65	23.14	12.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	35.65	22.28	13.37	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	35.65	22.35	13.30	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.65	25.22	10.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--
MW-2										
06/04/92	35.85	22.37	13.48	--	6700	910	17	210	30	--
07/30/92	35.85	21.68	14.17	--	--	--	--	--	--	--
08/25/92	35.85	21.29	14.56	--	--	--	--	--	--	--
09/23/92	35.85	20.90	14.95	--	1500	110	1.2	81	<0.5	--
12/29/92	35.85	21.24	14.61	--	1200	51	1.1	27	<0.5	--
03/19/93	35.85	24.61	11.24	--	750	37	1.0	34	1.6	--
07/02/93	35.86	24.10	11.76	--	2100	45	1.4	87	4.8	--
09/22/93	35.86	22.74	13.12	--	880	23	2.8	38	<1.5	--
10/01/93	35.86	22.56	13.30	--	--	--	--	--	--	--
03/10/94	35.86	23.43	12.43	--	230	6.9	1.9	12	0.6	--
04/12/94	35.86	23.24	12.62	--	--	--	--	--	--	--
06/17/94	35.86	23.02	12.84	--	330	1.6	<0.5	3.9	2.5	--
09/01/94	35.86	22.19	13.67	--	400	3.0	2.0	6.4	<0.5	--
11/28/94	35.86	22.26	13.60	--	210	0.56	<0.5	1.1	<0.5	--
03/14/95	35.86	25.17	10.69	--	390	<0.5	<0.5	2.7	<0.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--

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
MW-3										
06/04/92	35.42	22.30	13.12	--	460	12	0.8	5.8	14	--
07/30/92	35.42	21.61	13.81	--	--	--	--	--	--	--
08/25/92	35.42	21.22	14.20	--	--	--	--	--	--	--
09/23/92	35.42	20.84	14.58	--	1100	62	1.5	110	4.0	--
12/29/92	35.42	21.20	14.22	--	450	21	0.7	12	3.0	--
03/19/93	35.42	24.55	10.87	--	1200	67	1.3	96	5.5	--
07/02/93	35.43	24.06	11.37	--	610	73	0.5	42	<1.5	--
09/22/93	35.43	22.72	12.71	--	400	<0.5	0.6	2.7	<1.5	--
10/04/93	35.43	22.55	12.88	--	--	--	--	--	--	--
03/10/94	35.43	23.35	12.08	--	65	1.6	1.3	1.3	1.1	--
04/12/94	35.43	23.18	12.25	--	--	--	--	--	--	--
06/17/94	35.43	22.90	12.53	--	160	9.2	<0.5	2.9	2.7	--
09/01/94	35.43	22.15	13.28	--	190	3.2	1.1	3.1	6.5	--
11/28/94	35.43	22.23	13.20	--	51	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.43	25.09	10.34	--	1100	18	<2.5	89	<2.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--
MW-4										
07/02/93	35.73	23.96	11.77	--	80	<0.5	0.6	<0.5	<1.5	--
09/22/93	35.73	--	--	--	--	--	--	--	--	--
10/01/93	35.73	22.61	13.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	35.73	--	--	--	--	--	--	--	--	--
04/12/94	35.73	23.11	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	35.73	22.90	12.83	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	35.73	22.05	13.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	35.73	22.15	13.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.73	24.83	10.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
MW-5										
07/02/93	35.50	24.08	11.42	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/22/93	35.50	--	--	--	--	--	--	--	--	--
10/01/93	35.50	--	--	--	--	--	--	--	--	--
03/10/94	35.50	--	--	--	--	--	--	--	--	--
04/12/94	35.50	23.25	12.25	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	35.50	23.02	12.48	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	35.50	22.17	13.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	35.50	22.28	13.22	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.50	25.18	10.32	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	35.50	25.10	10.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/95	35.50	23.47	12.03	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	35.50	23.13	12.37	--	<50	<0.5	<0.5	<0.5	<0.5	--
										2.5 <i>annual schedule</i>
MW-6										
07/02/93	36.01	23.94	12.07	--	14,000	330	28	980	580	--
09/22/93	36.01	--	--	--	--	--	--	--	--	--
10/01/93	36.01	23.30	12.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	36.01	--	--	--	--	--	--	--	--	--
04/12/94	36.01	23.11	12.90	--	3400	32	<0.5	0.7	67	--
06/17/94	36.01	22.80	13.21	--	2200	16	<0.5	30	17	--
09/01/94	36.01	22.03	13.98	--	4100	62	3.9	93	53	--
11/28/94	36.01	22.15	13.86	--	1400	10	<1.0	18	9.8	--
03/14/95	36.01	24.99	11.02	--	4200	12	<10	92	39	--
06/28/95	36.01	24.89	11.12	--	4100	52	<5.0	<5.0	18	--
09/25/95	36.01	23.34	12.67	--	2500	<5.0	<5.0	25	25	--
01/04/96	36.01	21.85	14.16	--	4800	5.7	<5.0	66	53	--
										60 <i>semi-annual</i>

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
------	-----------------	--------------------	----------------	-------	--------------	---------	---------	---------------	--------	------

MW-7

09/25/95	35.50	23.45	12.05	--	1400	<2.5	<2.5	<2.5	<2.5	--
12/19/95	35.50	23.17	12.33	--	2100	<5.0	<5.0	<5.0	<5.0	<25

Jami

MW-8

09/25/95	35.84	22.92	12.92	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	35.84	22.48	13.36	--	<50	<0.5	<0.5	<0.5	<0.5	91

Jami

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
TRIP BLANK										
06/04/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/02/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/22/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/01/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/12/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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

ABBREVIATIONS:

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

Analytical Appendix



Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-2384/951219-W4 Sample Descript: MW-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9512E80-01	Sampled: 12/19/95 Received: 12/20/95 Analyzed: 12/22/95 Reported: 12/28/95
---	---	---

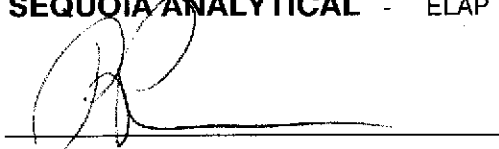
QC Batch Number: GC122295BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	81

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-2384/951219-W4 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9512E80-02	Sampled: 12/19/95 Received: 12/20/95 Analyzed: 12/22/95 Reported: 12/28/95
--	---	---


QC Batch Number: GC122295BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	2100
Methyl t-Butyl Ether	25	N.D.
Benzene	5.0	N.D.
Toluene	5.0	N.D.
Ethyl Benzene	5.0	N.D.
Xylenes (Total)	5.0	N.D.
Chromatogram Pattern: Weathered Gas		C10-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	77

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-2384/951219-W4 Sample Descript: MW-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9512E80-03	Sampled: 12/19/95 Received: 12/20/95 Analyzed: 12/22/95 Reported: 12/28/95
---	---	---

QC Batch Number: GC122295BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	91
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	78

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-2384/951219-W4 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9512E80-04	Sampled: 12/19/95 Received: 12/20/95 Analyzed: 12/22/95 Reported: 12/28/95
---	---	---

QC Batch Number: GC122295BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	77

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





**Sequoia
Analytical**

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

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

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

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

Client Proj. ID: Chevron 9-2384/951219-W4

Received: 12/20/95

Lab Proj. ID: 9512E80

Reported: 12/28/95

LABORATORY NARRATIVE

TPPH Note: Sample 9512E80-02 was diluted 10-fold.

SEQUOIA ANALYTICAL



Peggy Fenner
Project Manager





Blaine Tech Services, Inc. Client Project ID: Chevron 9-2384/951219-W4
 985 Timothy Drive Matrix: Liquid
 San Jose, CA 95133
 Attention: Jim Keller Work Order #: 9512E80 -01-04 Reported: Dec 28, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC122295BTEX20A	GC122295BTEX20A	GC122295BTEX20A	GC122295BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9512E6711	9512E6711	9512E6711	9512E6711
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/22/95	12/22/95	12/22/95	12/22/95
Analyzed Date:	12/22/95	12/22/95	12/22/95	12/22/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	10	10	10	32
MSD % Recov.:	100	100	100	107
RPD:	0.0	0.0	0.0	3.2
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK122295	BLK122295	BLK122295	BLK122295
Prepared Date:	12/22/95	12/22/95	12/22/95	12/22/95
Analyzed Date:	12/22/95	12/22/95	12/22/95	12/22/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	32
LCS % Recov.:	100	100	100	107

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

SEQUOIA ANALYTICAL


 Reggy Penner
 Project Manager

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

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

9512E80.BLA <1>



Chain-of-Custody-Record

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

Chevron Facility Number 9-2384
 Facility Address 15526 Hesperian Blvd., San Lorenzo
 Consultant Project Number 951219-WF
 Consultant Name Blaine Tech Services, Inc.
 Address 985 Timothy Dr., San Jose, CA 95133
 Project Contact (Name) Jim Keller
 (Phone) 408 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name) Mark Miller
 (Phone) (510) 842-8134
 Laboratory Name Sequoia
 Laboratory Release Number 2172510
 Samples Collected by (Name) William R. Stone
 Collection Date 12-19-95
 Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed													DO NOT BILL FOR TB-LB	Remarks			
								BTEX + TPH GUS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	Other				Other					
MW-5		3	W		16:35	1	Y	X																	
MW-7		3	W		16:50	2	Y	X																	
MW-8		3	W		16:15	3	Y	X																	
TB		2	W			4	Y	X																	

950 EPD

MTBV

atc 20 12

Relinquished By (Signature)
[Signature]
 Relinquished By (Signature)
[Signature]
 Relinquished By (Signature)

Organization BTS
 Date/Time 12/20/95
 Organization JED
 Date/Time 12/20/95
 Organization

Received By (Signature)
[Signature]
 Received By (Signature)
[Signature]
 Received For Laboratory By (Signature)
[Signature]

Organization JED
 Date/Time 12/20/95
 Organization
 Date/Time
 Date/Time 12/20/95

Turn Around Time (Circle Choice)

24 Hrs.
 48 Hrs.
 6 Days
 10 Days
 As Contracted

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>951219-W4</u>	Station #: <u>9-2384</u>
Sampler: <u>WJ</u>	Start Date: <u>12-19-95</u>
Well I.D.: <u>MW-5</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: <u>20.61</u>	Depth to Water: <u>12.37</u>
Before After	Before After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

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

<u>1.3</u>	x	<u>3</u>	=	<u>5.1</u>
1 Case Volume		Specified Volumes		gallons

Purging: <u>Bailer</u> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other _____	Sampling: <u>Bailer</u> Disposable Bailer Extraction Port Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>16:25</u>	<u>65.4</u>	<u>7.0</u>	<u>1200</u>	<u>—</u>	<u>1.5</u>	
<u>16:28</u>	<u>66.4</u>	<u>7.0</u>	<u>1200</u>	<u>—</u>	<u>3.0</u>	
<u>16:32</u>	<u>65.6</u>	<u>7.0</u>	<u>1200</u>	<u>—</u>	<u>5.5</u>	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 5.5

Sampling Time: <u>16:35</u>	Sampling Date: <u>12-19-95</u>
Sample I.D.: <u>MW-5</u>	Laboratory: <u>SEQ</u>
Analyzed for: (Circle) <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER: <u>MTBE</u>	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: (Circle) <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER:	

CHEVRON WELL MONITORING DATA SHEET

Project #: 951219-W4 Station #: 9-2384
Sampler: WJ Start Date: 12-19-95
Well I.D.: MW-6 Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before After Depth to Water: Before After
Depth to Free Product: Thickness of Free Product (feet):
Measurements referenced to: PVC Grade Other:

Table with 4 columns: Well Diameter, VCF, Well Diameter, VCF. Values include 1", 2", 3", 4", 5", 6", 8", 10", 12", 16" and corresponding VCF values.

X
1 Case Volume Specified Volumes = gallons

Purging: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other
Sampling: Bailer Disposable Bailer Extraction Port Other

Table with 7 columns: TIME, TEMP. (F), PH, COND., TURBIDITY, VOLUME REMOVED, OBSERVATIONS. Includes handwritten text: INACCESSIBLE: AREA GATED & LOCKED, MW-6 POSSIBLY DESTROYED

Did Well Dewater? If yes, gals. Gallons Actually Evacuated:
Sampling Time: Sampling Date:
Sample I.D.: Laboratory:
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)
Duplicate I.D.: Cleaning Blank I.D.:
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>951219-W4</u>	Station #: <u>9-2384</u>
Sampler: <u>WJ</u>	Start Date: <u>12-19-95</u>
Well I.D.: <u>MW-7</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: <u>21.78</u>	Depth to Water: <u>12.33</u>
Before _____ After _____	Before _____ After _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Measurements referenced to: <u>PVC</u>	Grade _____ Other: _____

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

<u>1.5</u>	x	<u>3</u>	=	<u>4.5</u>
1 Case Volume		Specified Volumes		gallons

Furling: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other _____	Sampling: Bailer Disposable Bailer Extraction Port Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>16:44</u>	<u>63.0</u>	<u>6.9</u>	<u>1600</u>	—	<u>1.5</u>	
<u>16:47</u>	<u>65.6</u>	<u>6.9</u>	<u>1600</u>	—	<u>3.0</u>	
<u>16:49</u>	<u>64.4</u>	<u>6.9</u>	<u>1600</u>	—	<u>4.5</u>	

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

Sampling Time: <u>16:50</u>	Sampling Date: <u>12-19-95</u>
Sample I.D.: <u>MW-7</u>	Laboratory: <u>SEQ</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER: <u>MTBE</u>	
Duplicate I.D.: _____	Cleaning Blank I.D.: _____
Analyzed for: TPH-G BTEX TPH-D OTHER: _____	

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>951219-W4</u>	Station #: <u>9-2384</u>
Sampler: <u>WJ</u>	Start Date: <u>12-19-95</u>
Well I.D.: <u>MW-8</u>	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: <u>20.33</u>	Depth to Water: <u>13.36</u>
Before	After
Before	After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

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

<u>1.1</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>3.3</u>	gallons
1 Case Volume		Specified Volumes			

Purging: Bailer <u>Disposable Bailer</u> Middleburg Electric Submersible Extraction Pump Other _____	Sampling: Bailer <u>Disposable Bailer</u> Extraction Port Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>16:04</u>	<u>67.0</u>	<u>7.1</u>	<u>1600</u>	<u>—</u>	<u>1.5</u>	
<u>16:07</u>	<u>67.6</u>	<u>7.0</u>	<u>1600</u>	<u>—</u>	<u>3.0</u>	
<u>16:10</u>	<u>66.4</u>	<u>7.0</u>	<u>1600</u>	<u>—</u>	<u>4.0</u>	

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 4.0

Sampling Time: 16:15 Sampling Date: 12-19-95

Sample I.D.: MW-8 Laboratory: SEA

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

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

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



Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-2384/ 960104-L4 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9601422-01	Sampled: 01/05/96 Received: 01/08/96 Analyzed: 01/09/96 Reported: 01/10/96
---	--	---

QC Batch Number: GC010996BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	4800
Methyl t-Butyl Ether	25	60
Benzene	5.0	5.7
Toluene	5.0	N.D.
Ethyl Benzene	5.0	66
Xylenes (Total)	5.0	53
Chromatogram Pattern: Weathered Gas		C9-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	102

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





**Sequoia
Analytical**

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

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

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

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

Client Proj. ID: Chevron 9-2384/ 960104-L4

Received: 01/08/96

Lab Proj. ID: 9601422

Reported: 01/10/96

LABORATORY NARRATIVE

TPPH Note: sample 9601422-01 was diluted 10-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager





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

Client Project ID: Chevron 9-2384/960104-L4
 Matrix: Liquid

Work Order #: 9601422 -01

Reported: Jan 18, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010996BTEX17A	GC010996BTEX17A	GC010996BTEX17A	GC010996BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9512K9903	9512K9903	9512K9903	9512K9903
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/9/96	1/9/96	1/9/96	1/9/96
Analyzed Date:	1/9/96	1/9/96	1/9/96	1/9/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	12	12	36
MS % Recovery:	110	120	120	120
Dup. Result:	11	12	11	35
MSD % Recov.:	110	120	110	117
RPD:	0.0	0.0	8.7	2.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK010996	BLK010996	BLK010996	BLK010996
Prepared Date:	1/9/96	1/9/96	1/9/96	1/9/96
Analyzed Date:	1/9/96	1/9/96	1/9/96	1/9/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	11	12	12	34
LCS % Recov.:	110	120	120	113

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

Please Note:

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

SEQUOIA ANALYTICAL

[Signature]
 Peggy Penner
 Project Manager

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

9601422.BLA <1>



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

Chain-of-Custody-Record

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

Chevron Facility Number 9-2384
 Facility Address 15526 Hesperian Blvd., San Lorenzo
 Consultant Project Number 960104-L4
 Consultant Name Blaine Tech Services, Inc.
 Address 985 Timothy Dr., San Jose, CA 95133
 Project Contact (Name) Jim Keller
 (Phone) 408 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name) Mark Miller
 (Phone) (510) 842-8134
 Laboratory Name Sequoia
 Laboratory Release Number 2172510
 Samples Collected by (Name) LAD B OLVER
 Collection Date 1-5-96
 Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed													DO NOT BILL FOR TB-LB Remarks <u>96010422</u>					
								BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	MTBE										
MW-6	1A-C	3	W		1505	HCL	YES	X										X								

JAN 12 1996

Released By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>1/6/96</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SEA</u>	Date/Time <u>1-8-96</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Released By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>1/8/96</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>1-8-96 12:46</u>	
Released By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	

HERRERIAN
SAN LORENZO

CHEVRON WELL MONITORING DATA SHEET

Project #: 960104-24 Station #: 9-2384
 Sampler: LAD Start Date: 1-5-96
 Well I.D.: MW-6 Well Diameter: (circle one) 2 3 4 6
 Total Well Depth: _____ Depth to Water: _____
 Before 23.56 After _____ Before 14.16 After _____
 Depth to Free Product: _____ Thickness of Free Product (feet): _____
 Measurements referenced to: PVC Grade _____ Other: _____

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

1.5 x 3 = 4.5 gallons
 1 Case Volume Specified Volumes

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

TIME	TEMP. (F)	PH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1452</u>	<u>59.6</u>	<u>7.6</u>	<u>960.</u>	<u>—</u>	<u>2.</u>	<u>ODOR</u>
<u>1456</u>	<u>59.8</u>	<u>7.6</u>	<u>930.</u>	<u>—</u>	<u>3.</u>	
<u>1500</u>	<u>59.2</u>	<u>7.6</u>	<u>920.</u>	<u>—</u>	<u>5</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 5

Sampling Time: 1505 Sampling Date: 1-5-96

Sample I.D.: MW-6 Laboratory: SEQVOIA

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

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

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