StId 1546

Reviewed by Aberd. 8/3/95

Chevron

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

Site Assessment & Remediation Group
Phone (510) 842-9500

May 22, 1995

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

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

Dear Ms. Shin:

Enclosed is the First Quarter 1995 Groundwater Monitoring report dated April 10, 1995, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) 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 10.3 to 11.0 feet below grade and the direction of flow is to the southwest.

We are currently awaiting a schedule for development of the site from the property owner. The schedule will allow us to determine the most appropriate time to abandon and/or install ground water monitor wells at the site as discussed in our meeting of January 26, 1995. To date, the property owner has not been able to provide us with such a schedule. Until we receive such a schedule, Chevron will continue to monitor and sample this site on a quarterly basis.

If you have any question or comments, please feel free to contact me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. B.C. Owen

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

File: 92384Q10

BLAINE
TECH SERVICES INC.

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

April 10, 1995

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

1st Quarter 1995 Monitoring at 9-2384

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

Monitoring Performed on March 14, 1995

Groundwater Sampling Report **950314-V-1**

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.

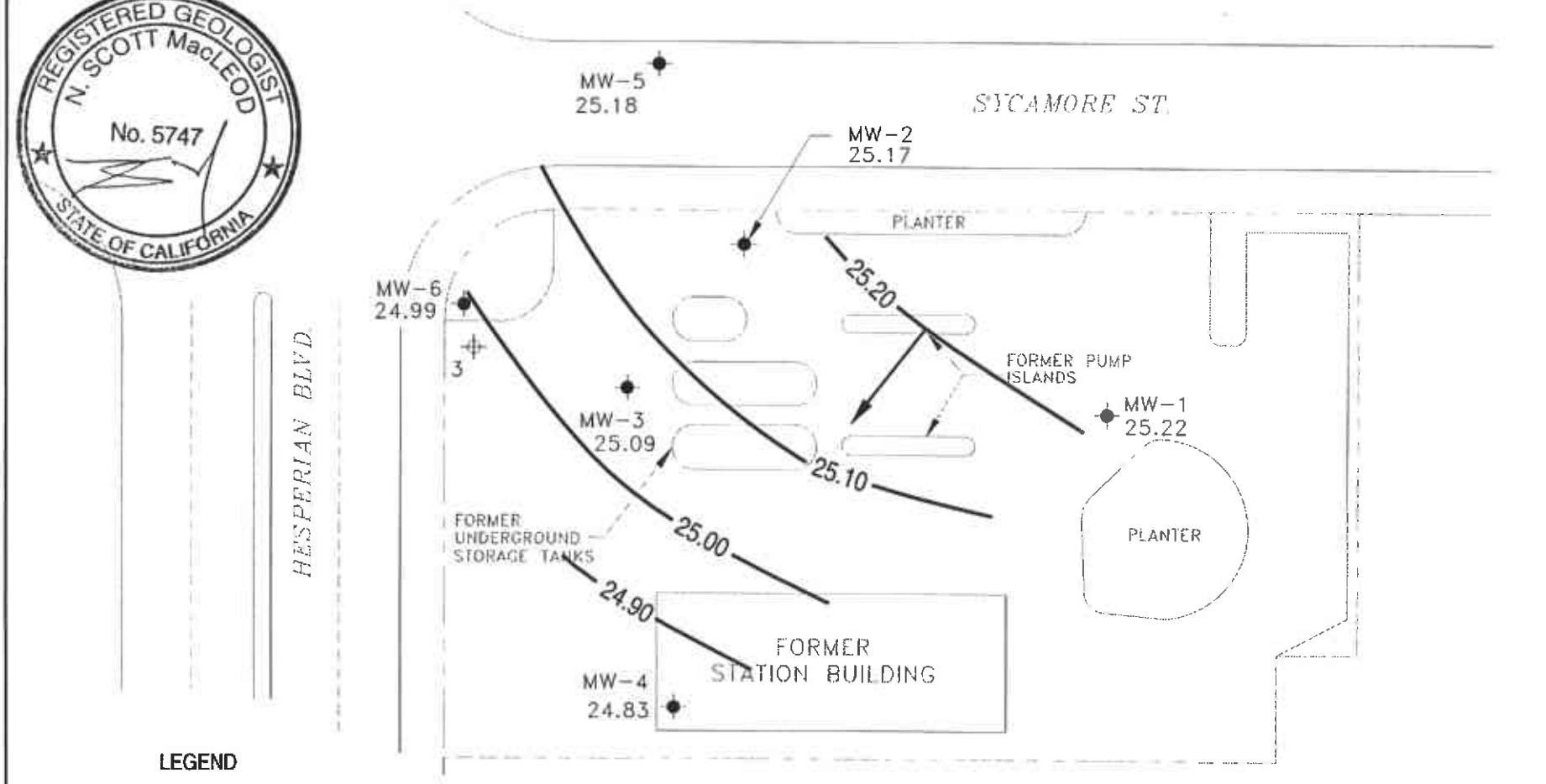
Yours truly,

James Keller
for the Board of Directors

JPK/dk

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

Professional Engineering Appendix



REGISTERED GEOLOGIST
N. SCOTT MacLEOD
No. 5747
STATE OF CALIFORNIA

LEGEND

- PROPERTY LINE
- MONITORING WELL
- ABANDONED MONITORING WELL (FORMER LOCATION OF MW-3)
- X.XX POTENTIOMETRIC SURFACE ELEVATION (FT)
- POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER FLOW DIRECTION

NOTE:

1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS ABOVE MEAN SEA LEVEL.

0 FEET 30
SCALE

Base map from Groundwater Technology, Inc.

CAMBRIA
Environmental Technology, Inc.

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

\CHEVRON\9-2384\2385-QM.DWG

Ground Water Elevation

March 14, 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
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
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

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
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
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

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
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
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

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
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

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

Analytical Appendix

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: 950314-V1, Chevron 9-2384	Sampled: 03/14/95
985 Timothy Drive	Sample Descript: MW-1	Received: 03/14/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/18/95
Attention: Jim Keller	Lab Number: 9503A15-01	Reported: 03/21/95

QC Batch Number: GC031895BTEX02A
Instrument ID: GCHP02

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	117

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: 950314-V1, Chevron 9-2384	Sampled: 03/14/95
985 Timothy Drive	Sample Descript: MW-2	Received: 03/14/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/18/95
Attention: Jim Keller	Lab Number: 9503A15-02	Reported: 03/21/95

QC Batch Number: GC031895BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**390**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	**0.50**	**2.7**
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	111

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 950314-V1, Chevron 9-2384	Sampled: 03/14/95
985 Timothy Drive	Sample Descript: MW-3	Received: 03/14/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/19/95
Attention: Jim Keller	Lab Number: 9503A15-03	Reported: 03/21/95

QC Batch Number: GC031995BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**250**	**1100**
Benzene	**2.5**	**18**
Toluene	2.5	N.D.
Ethyl Benzene	**2.5**	**89**
Xylenes (Total)	2.5	N.D.
Chromatogram Pattern:		
Weathered Gas		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	93

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: 950314-V1, Chevron 9-2384	Sampled: 03/14/95
985 Timothy Drive	Sample Descript: MW-4	Received: 03/14/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/18/95
Attention: Jim Keller	Lab Number: 9503A15-04	Reported: 03/21/95

QC Batch Number: GC031895BTEX02A
Instrument ID: GCHP02

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	121

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: 950314-V1, Chevron 9-2384	Sampled: 03/14/95
985 Timothy Drive	Sample Descript: MW-5	Received: 03/14/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/18/95
Attention: Jim Keller	Lab Number: 9503A15-05	Reported: 03/21/95

QC Batch Number: GC031895BTEX20A
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	88

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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

Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: 950314-V1, Chevron 9-2384
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9503A15-06

Sampled: 03/14/95
Received: 03/14/95

Analyzed: 03/19/95
Reported: 03/21/95

QC Batch Number: GC031995BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**1000**	**4200**
Benzene	**10**	**13**
Toluene	10	N.D.
Ethyl Benzene	**10**	**92**
Xylenes (Total)	**10**	**39**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	94

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: 950314-V1, Chevron 9-2384	Sampled: 03/14/95
985 Timothy Drive	Sample Descript: TB	Received: 03/14/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 03/18/95
Attention: Jim Keller	Lab Number: 9503A15-07	Reported: 03/21/95

QC Batch Number: GC031895BTEX20A
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	91

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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

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

Client Proj. ID: 950314-V1, Chevron 9-2384

Lab Proj. ID: 9503A15

Received: 03/14/95

Reported: 03/21/95

LABORATORY NARRATIVE

TPPH Note: Sample 9503A15-03 was diluted 5-fold.
Sample 9503A15-06 was diluted 20-fold.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

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

Blaine Tech Services, Inc.	Client Project ID:	950314-V1, Chevron 9-2384	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9503A15 -01-02, 04	Reported: Mar 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031895BTEX02A	GC031895BTEX02A	GC031895BTEX02A	GC031895BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950344109	950344109	950344109	950344109
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/18/95	3/18/95	3/18/95	3/18/95
Analyzed Date:	3/18/95	3/18/95	3/18/95	3/18/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.8	9.7	9.8	29
MS % Recovery:	98	97	98	97
Dup. Result:	9.8	10	10	30
MSD % Recov.:	98	100	100	100
RPD:	0.0	3.0	2.0	3.4
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Suzanne Chin
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

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Blaine Tech Services, Inc.	Client Project ID:	950314-V1, Chevron 9-2384	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9503A15-03	Reported: Mar 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031995BTEX17A	GC031995BTEX17A	GC031995BTEX17A	GC031995BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9503A0810	9503A0810	9503A0810	9503A0810
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/19/95	3/19/95	3/19/95	3/19/95
Analyzed Date:	3/19/95	3/19/95	3/19/95	3/19/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
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	11	10	31
MSD % Recov.:	100	110	100	103
RPD:	0.0	9.5	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

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

Blaine Tech Services, Inc.	Client Project ID:	950314-V1, Chevron 9-2384	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9503A15-05, 07	Reported: Mar 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031895BTEX20A	GC031895BTEX20A	GC031895BTEX20A	GC031895BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950344108	950344108	950344108	950344108
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/18/95	3/18/95	3/18/95	3/18/95
Analyzed Date:	3/18/95	3/18/95	3/18/95	3/18/95
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	30
MS % Recovery:	100	100	100	100
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

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

Blaine Tech Services, Inc.	Client Project ID:	950314-V1, Chevron 9-2384	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9503A15-06	Reported: Mar 24, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031995BTEX03A	GC031995BTEX03A	GC031995BTEX03A	GC031995BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9503A1505	9503A1505	9503A1505	9503A1505
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/19/95	3/19/95	3/19/95	3/19/95
Analyzed Date:	3/19/95	3/19/95	3/19/95	3/19/95
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	11	33
MS % Recovery:	110	110	110	110
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	9.5	9.5	9.5	9.5
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

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Project Manager

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

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 950314-U-1
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) F.A. VAN DEN BROEK
Collection Date 3-14-95
Signature

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)	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)					DO NOT BILL FOR TB-LB - 9503A15 Remarks
MW-1		3	W	G	0921		Y	V												
MW-2		3	W	G	1019		Y	V												
MW-3		3	W	G	0949		Y	V												
MW-4		3	W	G	0914		Y	V												
MW-5		3	W	G	0958		Y	V												
MW-6		3	W	G	1048		Y	V												
Trip		2	W	Trip	0800		Y	V												

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	3/14/95 4:25		SEQ	3/14/95 4:25
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SEQ	3/14/95			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					3/14/95 1625

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

5

Field
Data
Sheets

WELL GAUGING DATA

Project # 950314-U1 Date 3-14-95 Client 9-238<

Site 15526 Hesperian San Lorenzo

Well I.D.	Well Size (in.)	Sheen/ Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
MW-1	2					10.43	23.52	TOC
MW-2	2					10.69	23.19	
MW-3	2					10.34	22.34	
MW-4	2					10.90	24.71	
MW-5	2					10.32	21.10	
MW-6	2					11.02	24.77	

CHEVRON WELL MONITORING DATA SHEET

Project #: 950314-V-1	Station # 9-2384
Sampler: Fred	Date Sampled: 3-14-95
Well I.D.: MW-1	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 23.52 After	Depth to Water: Before 10.43 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

2.09	x	3	=	6.28
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ✓ Chevron Disp
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer ✓
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0905	63.8	7.0	600	>200	2.0	
0908	63.8	6.8	600	>200	4.0	
0911	64.0	6.8	600	>200	6.5	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.5

Sampling Time: 0921

Sample I.D.: MW-1 Laboratory: SEQ

Analyzed for: TPH GAS, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 950314-V-1	Station # 9-2384
Sampler: Fred	Date Sampled: 3-14-95
Well I.D.: MW-2	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 23.19 After	Depth to Water: Before 10.69 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other --

2.00	x	3	=	6.00
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ✓ Chevron Disp
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump ___

Sampling: Bailer ✓
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1004	65.4	7.10	800	7200	2.0	
1006	66.0	6.8	800	7200	4.0	
1009	65.8	6.8	800	>200	6.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 1019

Sample I.D.: MW-2 Laboratory: SEQ

Analyzed for: TPH GAS, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 950314-V-1	Station # 9-2384
Sampler: Fred	Date Sampled: 3-14-95
Well I.D.: MW-3	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 22.34 After	Depth to Water: Before 10.34 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.92	x	3	=	5.76
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ← Chevron Disp
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer ←
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0934	62.8	6.8	800	>200	2.0	
0937	62.8	6.8	800	>200	4.0	
0939	62.8	6.8	800	>200	6.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 0949

Sample I.D.: MW-3 Laboratory: SEQ

Analyzed for: TPH GAS, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 95314-V-1	Station # 9-2384
Sampler: Fred	Date Sampled: 3-14-95
Well I.D.: MW-4	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 24.71 After	Depth to Water: Before 10.90 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other --

2.20	x	3	=	6.62
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ~ Chevron Disp
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer ~
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0800	63.4	7.4	1200	>200	2.5	
0804	63.4	6.8	1000	>200	5.0	
0807	63.4			>200	7.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 0819

Sample I.D.: MW-4 Laboratory: SEQ

Analyzed for: TPH GAS, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 950314-V-1	Station # 9-2384
Sampler: Fred	Date Sampled: 3-14-95
Well I.D.: MW-5	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 21.10 After	Depth to Water: Before 10.32 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.72	x	3	=	5.17
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ✓ Chevron Disp
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer ✓
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0832	66.4	7.0	600	7200	2.0	
0835	67.0	6.8	600	7200	4.0	
0838	66.8	6.8	600	7200	6.0	

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 0848

Sample I.D.: MW-5 Laboratory: SEQ

Analyzed for: TPH GAS, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 950314-V-1	Station # 9-2384
Sampler: Fred	Date Sampled: 3-14-95
Well I.D.: MW-6	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 24.77 After	Depth to Water: Before 11.02 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other --

2.20	x	3	=	6.6
1 Case Volume		Specified Volumes		gallons

Purging: (Bailer) Charco Disp Middleburg Electric Submersible Suction Pump Type of Installed Pump ____

Sampling: (Bailer) Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1031	65.4	7.2	400	>200	2.5	
1034	65.6	7.0	400	>200	5.0	
1038	65.6	7.0	400	>200	7.0	SPOT sheen

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 1048

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

Analyzed for: TPH GAS, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations: