

ENVIRONMENTAL  
PROTECTION

00 APR 27 AM 8:58



**Chevron**

*Resubmitted  
10/22/2000*  
*(Signature)*

*776*

Chevron U.S.A. Products Company  
6001 Bollinger Canyon Rd. Bldg. 1  
P. O. Box 6004  
San Ramon, CA 94583-0804

Site Assessment and  
Remediation Group  
Phone (510) 842-9500  
Fax (510) 842-8570

Date: 4-24-00  
To: Distribution  
Re: Groundwater Monitoring Report, 9-0504

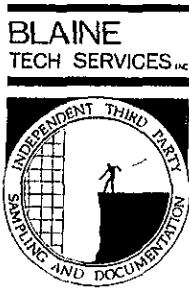
The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

If you have any questions, please call me at (510) 842-8695.

Sincerely,

*Brett L. Hunter*

Brett Hunter  
Site Assessment and Remediation  
Project Manager



1680 ROGERS AVENUE  
SAN JOSE, CA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE  
CONTRACTOR'S LICENSE #746684  
www.blainetech.com

April 24, 2000

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

### 1st Quarter 2000 Monitoring at 9-0504

First Quarter 2000 Groundwater Monitoring at  
Chevron Service Station Number 9-0504  
15900 Hesperian Blvd.  
San Lorenzo, CA

Monitoring Performed on March 21, 2000

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### Groundwater Sampling Report 000321-Z-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,



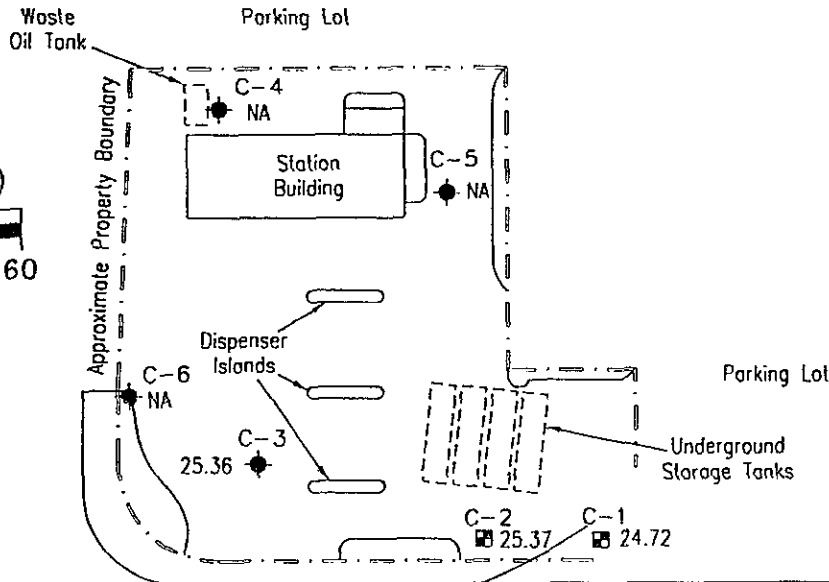
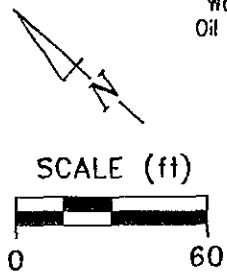
Scott Boor  
Project Coordinator

SDB/pb

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

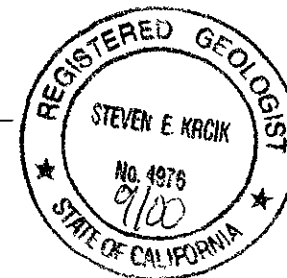
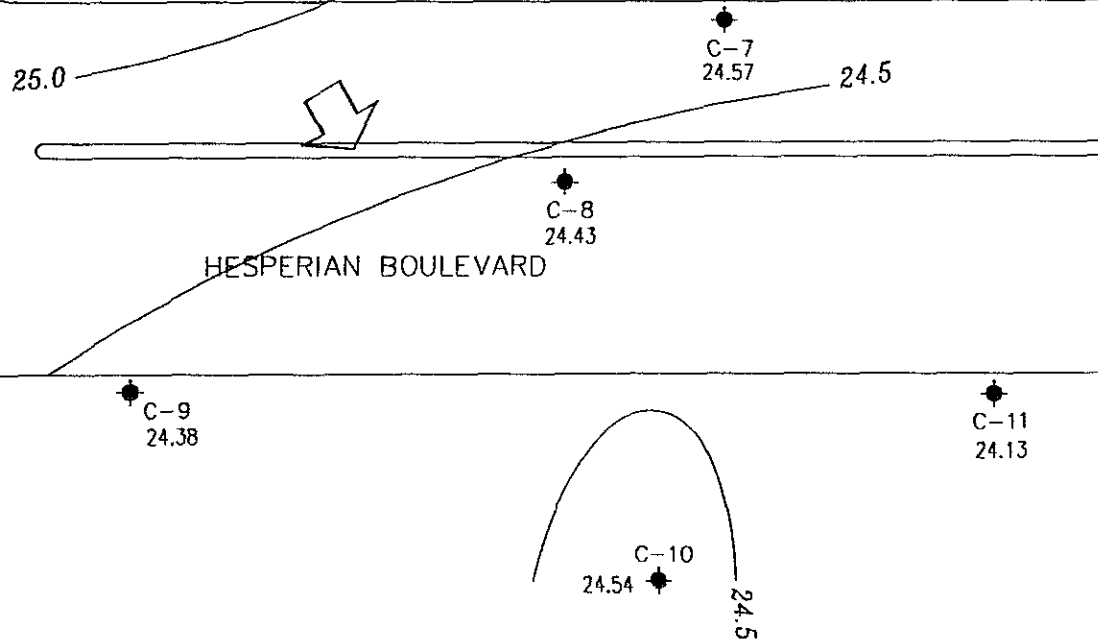
cc: Amir Gholami, Alameda County Health Care Services  
Greg Gurss, Gettler-Ryan, Inc.  
Bill Scudder, Chevron Products Company (w/o enclosure)

# **Professional Engineering Appendix**



**EXPLANATION:**

- ◆ Groundwater monitoring well
- ▣ Vapor extraction well
- 25.36 Groundwater elevation (ft, msl)
- 25.0 — Groundwater elevation contour (ft, msl)
- NA Data not available
- ⇨ Approximate groundwater flow direction
- Approximate gradient = 0.006



Ref. D504-gm.dwg  
Base map from Galtier-Ryan, Inc.

PREPARED BY



**Chevron Station 9-0504**  
15900 Hesperian Boulevard  
San Lorenzo, California

**GROUNDWATER ELEVATION CONTOUR MAP,**  
MARCH 21, 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-1</b>												
06/06/89	--	--	--	--	--	5100	250	170	200	990	--	--
12/08/89	--	--	13.14	0.01	--	--	--	--	--	--	--	--
09/07/90	33.93	19.91	14.04	0.03	--	--	--	--	--	--	--	--
12/20/90	33.93	20.07	13.87	0.01	--	--	--	--	--	--	--	--
03/15/91	33.93	22.53	11.40	--	--	37,000	220	53	53	1900	--	--
06/28/91	33.93	21.68	12.25	--	--	3300	110	6.2	6.2	350	--	--
09/26/91	33.93	19.91	14.02	--	--	3200	220	6.9	6.9	710	--	--
01/27/92	33.93	21.30	12.63	--	--	330	20	0.6	0.6	48	--	--
04/20/92	33.93	23.50	10.43	--	--	2700	130	3.4	3.4	690	--	--
07/17/92	33.93	21.32	12.61	--	--	490	17	<0.5	<0.5	52	--	--
01/20/93	33.93	24.51	9.42	--	--	--	--	--	--	--	--	--
07/28/93	33.93	23.45	10.48	--	--	--	--	--	--	--	--	--
10/27/93	32.80	21.48	11.32	--	--	240	3.6	<0.5	11	23	--	--
03/31/94	32.80	23.35	9.45	--	--	530	23	1.2	10	120	--	--
06/08/94	32.80	22.87	9.93	--	--	990	15	1.5	42	89	--	--
09/29/94	32.80	--	--	--	Inaccessible	--	--	--	--	--	--	--
11/09/94	32.80	--	--	--	Inaccessible	--	--	--	--	--	--	--
12/14/94	32.80	--	--	--	Inaccessible	--	--	--	--	--	--	--
03/30/95	32.80	24.79	8.01	--	--	3900	21	7.2	190	250	--	--
06/30/95	32.80	22.98	9.82	--	--	1400	3.1	0.8	54	95	--	--
09/22/95	32.80	22.20	10.60	--	--	620**	0.7	<0.5	3.3	3.5	--	--
12/11/95	32.80	22.50	10.30	--	--	210	2.4	<0.5	43	85	79	--
03/08/96	32.80	25.15	7.65	--	--	750	2.1	<0.5	22	34	330	--
06/21/96	32.80	23.52	9.28	--	--	2800	9.0	<0.5	94	83	1300	--
09/27/96	32.80	22.52	10.28	--	--	770	0.5	<0.5	5.1	6.1	580	--
01/03/97	32.80	24.95	7.85	--	--	1800	2.8	<0.5	51	41	110	--
03/28/97	32.80	23.43	9.37	--	--	720	0.6	<0.5	4.7	3.7	200	--
09/30/97	32.80	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	32.80	25.08	7.72	--	--	940*	3.9	<0.5	17	4.7	290	--
03/19/99	32.80	24.29	8.51	--	***	320	<0.5	<0.5	8.5	2.5	350	--
03/21/00	32.80	24.72	8.08	--	--	432	<0.5	2.04	5.33	0.658	154	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*Laboratory report indicates uncategorized compounds are not included in gasoline concentration.

\*\*\*See Table of Additional Analyses.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-2</b>												
06/06/89	--	--	--	--	--	130,000	14,000	28,000	3400	24,000	--	--
12/08/89	--	--	13.44	0.15	--	--	--	--	--	--	--	--
09/07/90	34.21	20.01	14.28	0.10	--	--	--	--	--	--	--	--
12/20/90	34.21	20.16	14.06	0.01	--	--	--	--	--	--	--	--
03/15/91	34.21	22.63	11.59	0.01	--	1,200,000	4700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	--	150,000	3500	4200	2100	16,000	--	--
09/26/91	34.21	20.01	14.20	--	--	4900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	--	8200	510	590	230	1300	--	--
04/20/92	34.21	23.97	10.24	--	--	19,000	1700	1700	930	4700	--	--
07/17/92	34.21	21.40	12.81	--	--	20,000	950	950	1300	4700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	--	1600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	--	12,000	300	96	510	2700	--	--
06/08/94	33.46	23.48	9.98	--	--	8700	140	35	250	1500	--	--
09/28/94	33.46	--	--	--	Inaccessible	--	--	--	--	--	--	--
11/09/94	33.46	--	--	--	Inaccessible	--	--	--	--	--	--	--
12/14/94	33.46	--	--	--	Inaccessible	--	--	--	--	--	--	--
03/30/95	33.46	25.77	7.69	--	--	1400	17	5.4	52	240	--	--
06/30/95	33.46	23.56	9.90	--	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	--	2100**	66	7.3	140	550	--	--
12/11/95	33.46	23.08	10.38	--	--	3700	23	<0.5	68	300	1000	--
03/08/96	33.46	25.76	7.70	--	--	2200	19	<5.0	63	290	1300	--
06/21/96	33.46	24.09	9.37	--	--	2200	23	1.1	70	260	2300	--
09/27/96	33.46	22.88	10.58	--	--	5500	12	0.6	30	110	2200	--
01/03/97	33.46	25.56	7.90	--	--	750	4.2	<0.5	29	120	51	--
03/28/97	33.46	24.11	9.35	--	--	1300	12	1.5	24	86	310	--
09/30/97	33.46	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	33.46	25.46	8.00	--	--	1100*	14	<5.0	34	79	710	--
03/19/99	33.46	25.01	8.45	--	***	1400	15	<0.5	56	130	460	--
03/21/00	33.46	25.37	8.09	--	--	5420	9.69	<0.5	76.5	125	168	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*Laboratory report indicates uncategorized compounds are not included in gasoline concentration.

\*\*\*See Table of Additional Analyses.



## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-3</b>												
06/06/89	--	--	--	--	--	2600	63	20	390	370	--	--
12/08/89	--	--	--	--	--	680	6.0	1.0	31	58	--	--
09/07/90	35.46	20.15	15.31	--	--	490	6.0	<0.5	41	120	--	--
09/07/90	35.46	--	--	--	Duplicate	460	6.0	<0.5	40	110	--	--
12/20/90	35.46	20.29	15.17	--	--	100	5.0	<0.5	27	130	--	--
03/06/91	35.46	22.19	13.27	--	--	1300	7.0	<0.5	75	250	--	--
03/06/91	35.46	--	--	--	Duplicate	1400	8.0	<0.5	76	250	--	--
06/28/91	35.46	21.79	13.67	--	--	770	6.0	<0.5	81	71	--	--
06/28/91	35.46	--	--	--	Duplicate	990	5.5	<0.5	86	75	--	--
09/26/91	35.46	20.14	15.32	--	--	1400	7.9	<0.5	98	340	--	--
01/27/92	35.46	21.55	13.91	--	--	150	0.7	<0.5	12	12	--	--
04/20/92	35.46	23.80	11.66	--	--	1600	9.3	1.0	190	370	--	--
07/17/92	35.46	21.50	13.96	--	--	460	18	<0.5	20	52	--	--
10/29/92	35.46	19.95	15.51	--	--	520	2.4	1.0	30	79	--	--
01/20/93	35.46	24.47	10.99	--	--	4200	7.4	<0.5	140	380	--	--
05/03/93	35.46	24.49	10.97	--	--	1300	6.8	3.2	71	170	--	--
07/28/93	35.46	23.05	12.41	--	--	220	1.4	<0.5	17	39	--	--
10/27/93	35.46	21.78	13.37	--	--	1800	5.5	0.7	68	290	--	--
03/31/94	35.46	23.90	11.56***	--	--	310	1.2	<0.5	19	54	--	--
06/08/94	35.46	23.39	12.07	--	--	300	2.7	1.6	19	48	--	--
09/29/94	35.46	21.62	13.84	--	^	2500	<25	<25	<25	220	--	--
11/09/94	35.46	--	--	--	^^	170	<0.5	0.8	3.3	16	--	--
12/14/94	35.46	23.61	11.85	--	--	510	3.2	1.4	28	60	--	--
03/30/95	35.46	25.85	9.61	--	--	66	<0.5	<0.5	1.1	2.4	--	--
06/30/95	35.46	23.96	11.50	--	--	1500	1.9	8.1	100	300	--	--
09/22/95	35.46	22.88	12.58	--	--	600**	0.7	<0.5	43	110	--	--
12/11/95	35.46	22.91	12.55	--	--	670*	<0.5	<0.5	7.0	13	15	--

CONTINUED ON NEXT PAGE

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*Laboratory report indicates uncategorized compounds are not included in gasoline concentration.

\*\*\*Depth to water measured from top of well vault.

^Detection limit raised due to foaming sample.

^^All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

## 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	SPH Thickness	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	HVOCs
<b>C-3 (CONT'D)</b>												
03/08/96	35.46	25.80	9.66	--	--	3600	7.5	33	130	400	1100	--
06/21/96	35.46	23.68	11.78	--	--	310	<0.5	<0.5	16	49	57	--
09/27/96	35.46	23.09	12.37	--	--	250	<0.5	<0.5	3.6	9.6	44	--
01/03/97	35.46	25.57	9.89	--	--	170	<0.5	1.2	4.5	15	15	--
03/28/97	35.46	24.50	10.96	--	--	60	<0.5	<0.5	1.7	1.8	23	--
09/30/97	35.46	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	35.46	25.74	9.72	--	--	<50	0.88	<0.5	<0.5	<0.5	16	--
03/19/99	35.46	25.44	10.02	--	*	<50	<0.5	<0.5	<0.5	0.65	12	--
03/21/00	35.46	25.36	10.10	--	--	122	<0.5	<0.5	4.96	11.7	6.13	--

\*See Table of Additional Analyses.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-4</b>												
06/06/89	--	--	--	--	--	<50	<0.05	<1.0	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.78	20.20	15.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.78	20.36	15.42	--	--	170	1.0	<0.5	<0.5	4.0	--	--
03/06/91	35.78	22.24	13.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.78	21.85	13.93	--	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
09/26/91	35.78	20.14	15.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.78	--	15.64	--	--	<50	<0.5	<0.5	<0.5	--	--	--
01/27/92	35.78	21.82	13.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.78	24.07	11.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.78	21.59	14.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.78	20.06	15.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.78	24.61	11.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.78	24.84	10.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	35.78	23.38	12.40	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	35.23	21.91	13.32	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	35.23	--	--	--	Inaccessible	--	--	--	--	--	--	--
06/08/94	35.23	23.31	11.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	35.23	21.47	13.76	--	*/^	<2500	<25	<25	<25	<25	--	ND***
11/09/94	35.23	--	--	--	**/^	<50	<0.5	<0.5	<0.5	<0.5	--	ND***
12/14/94	35.23	23.44	11.79	--	^^	<50	2.1	3.0	1.9	3.7	--	ND***
03/30/95	35.23	26.22	9.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	35.23	23.79	11.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	35.23	22.92	12.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	35.23	25.54	9.69	--	--	<50	1.5	7.2	1.3	6.2	<5.0	--
03/28/97	35.23	24.23	11.00	--	--	<50	5.0	8.3	0.8	4.7	<5.0	--
09/30/97	35.23	--	--	--	Discontinued	--	--	--	--	--	--	--

\*Detection limit raised due to foaming sample.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

\*\*\*Other HVOCs were not detected at detection limits of 0.5-1.0 ppb.

^Chloroform detected at <0.5 ppb.

^^Chloroform detected at 1.8 ppb.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-5</b>												
06/06/89	--	--	--	--	--	<50	<0.05	<0.05	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.31	20.21	15.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.31	20.37	14.94	--	--	80	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	35.31	22.25	13.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.31	21.85	13.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.31	20.17	15.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	35.31	22.00	13.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.31	24.21	11.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.31	21.58	13.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.31	20.11	15.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.31	24.88	10.43	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	34.61	23.61	11.00***	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	34.61	21.51	13.10	--	*	<2500	<25	<25	<25	<25	--	--
11/09/94	34.61	--	--	--	**	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	34.61	23.24	11.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	34.61	23.97	10.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	34.61	--	--	--	Discontinued	--	--	--	--	--	--	--

\*Detection limit raised due to foaming sample.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

\*\*\*Depth to water measured from top of well vault.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-6</b>												
12/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	36.89	20.06	16.83	--	--	57	<0.5	<0.5	0.6	4.0	--	--
12/20/90	36.89	20.23	16.66	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	36.89	22.09	14.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	36.89	21.73	15.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	36.89	20.07	16.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	36.89	21.45	15.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	36.89	23.72	13.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	36.89	21.45	15.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	36.89	19.91	16.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	36.89	24.42	12.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	36.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	36.89	23.03	13.86	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	36.57	21.72	14.85	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	36.57	23.57	13.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	36.57	23.13	13.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	36.57	21.69	14.88	--	*	<2500	<25	<25	<25	<25	--	--
11/09/94	36.57	--	--	--	**	<50	<0.5	0.5	<0.5	<0.5	--	--
12/14/94	36.57	23.58	12.99	--	--	<50	0.9	1.5	1.3	2.6	--	--
03/30/95	36.57	25.80	10.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	36.57	23.95	12.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	36.57	22.92	13.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	36.57	22.89	13.68	--	--	140***	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	36.57	25.84	10.73	--	--	<50	<0.5	0.6	<0.5	<0.5	<5.0	--
06/21/96	36.57	24.16	12.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	36.57	23.10	13.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	36.57	25.57	11.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	36.57	24.51	12.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	36.57	--	--	--	Discontinued	--	--	--	--	--	--	--

\*Detection limit raised due to foaming sample.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

\*\*\*Chromatogram pattern indicated an unidentified hydrocarbon.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-7</b>												
12/08/89	--	--	--	--	--	1700	32	12	17	150	--	--
09/07/90	32.75	19.73	13.02	--	--	880	84	23	46	180	--	--
12/20/90	32.75	20.47	12.28	--	--	560	24	3.0	19	21	--	--
03/06/91	32.75	15.83	16.92	--	--	240	25	2.0	4.0	26	--	--
06/28/91	32.75	21.44	11.31	--	--	2400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	--	8100	47	35	350	1200	--	--
01/27/92	32.75	21.32	11.43	--	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	--	1200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	--	2400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	--	2400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	--	3600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	--	22,000	23	26	990	2600	--	--
03/31/94	32.32	23.21	9.11	--	--	2300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	--	6900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	--	11,000	10	11	620	810	--	--
11/09/94	32.32	--	--	--	**	7800	33	18	570	1100	--	--
12/14/94	32.32	23.33	8.99	--	--	7700	63	16	140	1200	--	--
03/30/95	32.32	25.04	7.28	--	--	4100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	--	1200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	--	1800	64	5.7	30	38	--	--
12/11/95	32.32	23.02	9.30	--	--	14,000	80	6.1	91	120	70	--
03/08/96	32.32	24.99	7.33	--	--	2300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	--	1100	37	3.2	21	29	9.0	--
09/27/96	32.32	23.21	9.11	--	--	10,000	150	30	270	670	45	--
01/03/97	32.32	24.83	7.49	--	--	1800	35	<0.5	34	72	15	--
03/28/97	32.32	23.75	8.57	--	--	2200	38	4.1	31	56	19	--
09/30/97	32.32	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	32.32	24.98	7.34	--	--	2100*	28	7.8	70	170	<25	--
03/19/99	32.32	24.61	7.71	--	***/ ^	5300	63	24	280	370	67	--
03/21/00	32.32	24.57	7.75	--	--	2830	19.5	5.14	116	206	11.7	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

\*\*\*MTBE value is reported from a re-analyzation on 04/01/99.

^See Table of Additional Analyses.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-8</b>												
12/08/89	--	--	--	--	--	4800	62	11	95	180	--	--
09/07/90	33.82	19.50	14.32	--	--	3700	170	31	180	270	--	--
12/20/90	33.82	19.61	14.20	--	--	3900	120	20	130	180	--	--
03/06/91	33.82	19.02	14.80	--	--	1200	45	6.0	34	57	--	--
06/28/91	33.82	21.17	12.65	--	--	6900	180	46	340	640	--	--
09/26/91	33.82	19.53	14.29	--	--	1400	66	9.8	38	40	--	--
01/27/92	33.82	21.22	12.60	--	--	3600	100	26	170	260	--	--
04/20/92	33.82	23.46	10.36	--	--	2600	110	32	180	260	--	--
07/17/92	33.82	20.94	12.88	--	--	1100	34	5.9	35	52	--	--
10/29/92	33.82	19.43	14.39	--	--	820	29	4.8	23	27	--	--
01/20/93	33.82	23.80	10.02	--	--	6000	81	22	200	310	--	--
05/03/93	33.82	24.07	9.75	--	--	11,000	75	96	880	2600	--	--
07/28/93	33.82	22.68	11.14	--	--	2800	60	13	92	150	--	--
10/27/93	33.25	21.24	12.01	--	--	2700	49	17	60	90	--	--
03/31/94	33.25	22.98	10.27	--	--	190	8.6	1.7	9.1	11	--	--
06/08/94	33.25	22.69	10.56	--	--	2800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	--	3700	120	20	120	85	--	--
11/09/94	33.25	--	--	--	**	3200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	--	5300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	--	3900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	--	1500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	--	3400	94	24	110	110	--	--
12/11/95	33.25	22.26	10.99	--	--	7500	100	<0.5	160	120	130	--
03/08/96	33.25	24.79	8.46	--	--	3600	93	8.9	110	88	82	--
06/21/96	33.25	23.28	9.97	--	--	3200	69	6.8	100	88	19	--
09/27/96	33.25	22.47	10.78	--	--	7000	98	12	150	130	53	--
01/03/97	33.25	24.43	8.82	--	--	5700	43	9.3	110	95	17	--
03/28/97	33.25	23.60	9.65	--	--	4900	52	4.7	70	47	50	--
09/30/97	33.25	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	33.25	24.78	8.47	--	--	3300*	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	***/ ^	2600	34	16	34	19	76	--
03/21/00	33.25	24.43	8.82	--	--	4300	8.45	42.3	61.1	20.3	33.8	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

\*\*\*MTBE value is reported from a re-analyzation on 04/01/99.

^See Table of Additional Analyses.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-9</b>												
09/07/90	33.43	19.37	14.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	33.43	19.40	14.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	33.43	21.31	12.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	33.43	21.02	12.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	33.43	19.41	14.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	33.43	20.90	12.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	33.43	23.21	10.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	33.43	20.79	12.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	33.43	19.23	14.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	33.43	23.71	9.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	33.43	23.66	9.55	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	32.97	20.57	12.40	--	*	<5000	<50	<50	<50	<50	--	--
11/09/94	32.97	--	--	--	**	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	32.97	23.16	9.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	32.97	24.71	8.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	32.97	22.73	10.24	--	--	<50	5.7	1.4	1.4	1.8	4.9	--
03/19/99	32.97	24.27	8.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	32.97	22.00	10.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	32.97	24.38	8.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

\*Detection limit raised due to foaming sample.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.



## 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	SPH Thickness	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	HVOCs
<b>C-10</b>												
09/07/90	31.63	19.14	12.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.63	19.27	12.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.63	21.18	10.45	--	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91	31.63	20.69	10.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.63	19.21	12.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.63	20.79	10.84	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92	31.63	--	--	--	Duplicate	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92	31.63	23.06	8.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.63	20.61	11.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.63	19.23	12.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.63	23.49	8.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.63	23.71	7.92	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.63	22.27	9.36	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.16	20.86	10.30	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.16	22.71	8.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.16	22.31	8.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.16	20.46	10.70	--	*	<5000	<50	<50	<50	<50	--	--
11/09/94	31.16	--	--	--	**	<50	<0.5	1.4	0.8	1.2	--	--
12/14/94	31.16	22.55	8.61	--	--	110	3.9	5.4	4.3	11	--	--
03/30/95	31.16	24.51	6.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.16	22.86	8.30	--	--	<50	1.5	1.5	<0.5	2.2	--	--
09/22/95	31.16	21.75	9.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.16	21.89	9.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/08/96	31.16	24.53	6.63	--	--	<50	<0.5	<0.5	<0.5	0.5	<0.5	--
06/21/96	31.16	23.04	8.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.16	21.95	9.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

CONTINUED ON NEXT PAGE

\*Detection limit raised due to foaming sample.

\*\*All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

## 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	SPH Thickness	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	HVOCs
<b>C-10 (CONT'D)</b>												
01/03/97	31.16	23.84	7.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.16	23.34	7.82	--	--	<50	1.2	1.8	<0.5	0.8	<5.0	--
09/30/97	31.16	21.34	9.82	--	--	<250***	<2.5	<2.5	<2.5	<2.5	<25	--
03/28/98	31.16	24.60	6.56	--	--	<50	<0.5	0.52	<0.5	<0.5	<2.5	--
09/08/98	31.16	22.65	8.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.16	24.00	7.16	--	^/^^	<50	<0.5	<0.5	<0.5	<0.5	9.2	--
09/21/99	31.16	21.87	9.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.38	--
03/21/00	31.16	24.54	6.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	10.6	--

\*\*\*Laboratory report indicates sample diluted due to foaming.

^MTBE value is reported from a re-analyzation on 04/01/99.

^^See Table of Additional Analyses.

## 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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>C-11</b>												
09/07/90	31.58	19.36	12.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.58	19.50	12.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.58	15.43	16.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	31.58	21.06	10.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.58	19.38	12.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	--	<50	<0.5	0.6	<0.5	0.7	--	--
12/14/94	31.23	22.73	8.50	--	--	51	1.1	1.7	1.6	4.0	--	--
03/30/95	31.23	24.38	6.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.23	22.89	8.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	31.23	21.93	9.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.23	22.22	9.01	--	--	<50	<0.5	<0.5	<0.5	1.1	1.1	--
03/08/96	31.23	24.33	6.90	--	--	<50	<0.5	0.6	<0.5	1.6	<5.0	--
06/21/96	31.23	23.13	8.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.23	22.16	9.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.23	24.10	7.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.23	21.40	9.83	--	--	120	12	20	2.3	14	<5.0	--
09/30/97	31.23	21.56	9.67	--	--	<50	0.7	0.8	<0.5	0.6	<5.0	--
03/28/98	31.23	24.40	6.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	31.23	22.72	8.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.23	24.06	7.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	31.23	22.02	9.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	--	<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	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	HVOCs
<b>TRIP BLANK</b>												
09/07/90	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

DATE	Notes	Ethanol	t-Butanol	MTBE	DIPE	ETBE	TAME
<b>C-1</b>							
03/19/99	--	<2500	<500	270	<10	<10	<10
<b>C-2</b>							
03/19/99	--	<2500	<500	330	<10	<10	<10
<b>C-3</b>							
03/19/99	--	<500	<100	8.0	<2.0	<2.0	<2.0
<b>C-7</b>							
03/19/99	--	<500	<100	<2.0	<2.0	<2.0	<2.0
<b>C-8</b>							
03/19/99	--	<500	<100	10	<2.0	<2.0	<2.0
<b>C-10</b>							
03/19/99	--	<500	<100	6.7	<2.0	<2.0	<2.0

NOTES: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site March 19, 1999. Earlier field data and analytical results were drawn from the September 8, 1998 Gettler-Ryan, Inc. report. Analytical results and groundwater elevation data prior to 1995 were compiled from the quarterly groundwater monitoring reports prepared by SierraEnvironmental Services.

Well head elevation for all wells prior to October 27, 1993 taken from top of well box.

After October 27, 1993, well head elevation taken from top of casing, except for well C-3, which is still measured from top of well box.

When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation:  
 Corrected ground water elevation = Top-of-casing elevation - depth to water + (0.8 x hydrocarbon thickness).  
 The assumed specific gravity for free-phase hydrocarbons is 0.8.

#### ABBREVIATIONS:

ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.  
 TPH = Total Petroleum Hydrocarbons  
 HVOC = Halogenated Volatile Organic Compounds  
 MTBE = Methyl tertiary-butyl ether  
 SPH = Separate-phase Hydrocarbons

DIPE = Di-Isopropyl Ether  
 ETBE = Ethyl t-Butyl Ether  
 TAME = t-Amyl Methyl Ether

# Analytical Appendix



April 5, 2000

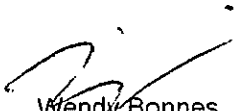
Scott Boor  
Blaine Tech Services (Chev)  
1680 Rogers Avenue  
San Jose, CA 95112

RE: Chevron 9-0504

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on March 22, 2000. If you have any questions concerning this report, please feel free to contact me. Chromatograms for unidentified hydrocarbons are included in this report.

Sincerely,



Wendy Bonnes  
Project Manager

CA ELAP Certificate Number 1210





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number: 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**ANALYTICAL REPORT FOR SAMPLES:**

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C-1	MJC0775-01	Water	3/21/00
C-2	MJC0775-02	Water	3/21/00
C-3	MJC0775-03	Water	3/21/00
C-7	MJC0775-04	Water	3/21/00
C-8	MJC0775-05	Water	3/21/00
C-9	MJC0775-06	Water	3/21/00
C-10	MJC0775-07	Water	3/21/00
C-11	MJC0775-08	Water	3/21/00
TB	MJC0775-09	Water	3/21/00







Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number: 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M**  
**Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>C-1</b>				<b><u>MJC0775-01</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		50.0	432	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	2.04	"	
Ethylbenzene	"	"	"		0.500	5.33	"	
Xylenes (total)	"	"	"		0.500	0.658	"	
Methyl tert-butyl ether	"	"	"		2.50	154	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		107	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		96.0	"	
<b>C-2</b>				<b><u>MJC0775-02</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		50.0	5420	ug/l	HC-14
Benzene	"	"	"		0.500	9.69	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	76.5	"	
Xylenes (total)	"	"	"		0.500	125	"	
Methyl tert-butyl ether	"	"	"		2.50	168	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		89.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		123	"	
<b>C-3</b>				<b><u>MJC0775-03</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		50.0	122	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	4.96	"	
Xylenes (total)	"	"	"		0.500	11.7	"	
Methyl tert-butyl ether	"	"	"		2.50	6.13	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		107	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		92.3	"	
<b>C-7</b>				<b><u>MJC0775-04</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		100	2830	ug/l	
Benzene	"	"	"		1.00	19.5	"	QR-04
Toluene	"	"	"		1.00	5.14	"	QR-04
Ethylbenzene	"	"	"		1.00	116	"	
Xylenes (total)	"	"	"		1.00	206	"	
Methyl tert-butyl ether	"	"	"		5.00	11.7	"	QR-04
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		111	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		94.0	"	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M  
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>C-8</b>				<b><u>MJC0775-05</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		250	4300	ug/l	
Benzene	"	"	"		2.50	8.45	"	QR-04
Toluene	"	"	"		2.50	42.3	"	
Ethylbenzene	"	"	"		2.50	61.1	"	
Xylenes (total)	"	"	"		2.50	20.3	"	
Methyl tert-butyl ether	"	"	"		12.5	33.8	"	QR-04
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		111	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		90.7	"	
<b>C-9</b>				<b><u>MJC0775-06</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		110	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		90.7	"	
<b>C-10</b>				<b><u>MJC0775-07</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	3/31/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	10.6	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		107	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		89.3	"	
<b>C-11</b>				<b><u>MJC0775-08</u></b>			<b><u>Water</u></b>	
Gasoline	0030777	3/31/00	4/1/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		108	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		90.0	"	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number: 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M**  
**Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>TB</b>				<b>MJC0775-09</b>				<b>Water</b>
Gasoline	0040001	4/1/00	4/1/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	65.0-135		106	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		95.7	"	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number: 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control  
Sequoia Analytical - Petaluma**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	RPD %	RPD Limit	RPD %	Notes*
	<p><b>Batch: 0030777</b>      <b>Date Prepared: 3/31/00</b>      <b>Extraction Method: EPA 5030 waters</b></p> <p><b>Blank</b>      <b>0030777-BLK1</b></p>									
Gasoline	3/31/00			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	"	300		316	"	65.0-135	105			
Surrogate: 4-Bromofluorobenzene	"	300		276	"	65.0-135	92.0			
<p><b>LCS</b>      <b>0030777-BS1</b></p>										
Benzene	3/31/00	100		104	ug/l	65.0-135	104			
Toluene	"	100		104	"	65.0-135	104			
Ethylbenzene	"	100		97.9	"	65.0-135	97.9			
Xylenes (total)	"	300		304	"	65.0-135	101			
Methyl tert-butyl ether	"	100		97.4	"	65.0-135	97.4			
Surrogate: a,a,a-Trifluorotoluene	"	300		320	"	65.0-135	107			
<p><b>Matrix Spike</b>      <b>0030777-MS1</b>      <b>P003691-02</b></p>										
Benzene	3/31/00	100	ND	104	ug/l	65.0-135	104			
Toluene	"	100	ND	105	"	65.0-135	105			
Ethylbenzene	"	100	ND	97.9	"	65.0-135	97.9			
Xylenes (total)	"	300	ND	303	"	65.0-135	101			
Methyl tert-butyl ether	"	100	ND	92.6	"	65.0-135	92.6			
Surrogate: a,a,a-Trifluorotoluene	"	300		327	"	65.0-135	109			
<p><b>Matrix Spike Dup</b>      <b>0030777-MSD1</b>      <b>P003691-02</b></p>										
Benzene	3/31/00	100	ND	108	ug/l	65.0-135	108	20.0	3.77	
Toluene	"	100	ND	109	"	65.0-135	109	20.0	3.74	
Ethylbenzene	"	100	ND	103	"	65.0-135	103	20.0	5.08	
Xylenes (total)	"	300	ND	316	"	65.0-135	105	20.0	3.88	
Methyl tert-butyl ether	"	100	ND	92.5	"	65.0-135	92.5	20.0	0.108	
Surrogate: a,a,a-Trifluorotoluene	"	300		332	"	65.0-135	111			
<p><b>Batch: 0040001</b>      <b>Date Prepared: 4/1/00</b>      <b>Extraction Method: EPA 5030 waters</b></p> <p><b>Blank</b>      <b>0040001-BLK1</b></p>										
Gasoline	4/1/00			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number: 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control  
Sequoia Analytical - Petaluma**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov %	RPD Limit	RPD %	Notes*
<b><u>Blank (continued)</u></b>										
<b><u>0040001-BLK1</u></b>										
Toluene	4/1/00			ND	ug/l	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	300		305	"	65.0-135	102			
Surrogate: 4-Bromofluorobenzene	"	300		296	"	65.0-135	98.7			
<b><u>LCS</u></b>										
<b><u>0040001-BS1</u></b>										
Gasoline	4/1/00	1000		977	ug/l	65.0-135	97.7			
Surrogate: 4-Bromofluorobenzene	"	300		304	"	65.0-135	101			
<b><u>Matrix Spike</u></b>										
<b><u>0040001-MS1      P003694-01</u></b>										
Gasoline	4/1/00	1000	2550	3560	ug/l	65.0-135	101			
Surrogate: 4-Bromofluorobenzene	"	300		310	"	65.0-135	103			
<b><u>Matrix Spike Dup</u></b>										
<b><u>0040001-MSD1      P003694-01</u></b>										
Gasoline	4/1/00	1000	2550	3550	ug/l	65.0-135	100	20.0	0.995	
Surrogate: 4-Bromofluorobenzene	"	300		313	"	65.0-135	104			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0504 Project Number: 000321-Z2(15900 Hesperian Blvd) Project Manager: Scott Boor	Sampled: 3/21/00 Received: 3/22/00 Reported: 4/5/00 10:43
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**Notes and Definitions**

#	Note
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- HC-14 Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier fuel.
- QR-04 Results between the primary and confirmation columns varied by greater than 40% RPD.
- 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



Date : 31-MAR-2000 20:55

Client ID: HJC0775-01

Lab Sample ID: P003693-01

Purge Volume: 5.0

Column phase: HP-1

Instrument: 70gc\04.i

Operator: HCR

Column diameter: 0.53

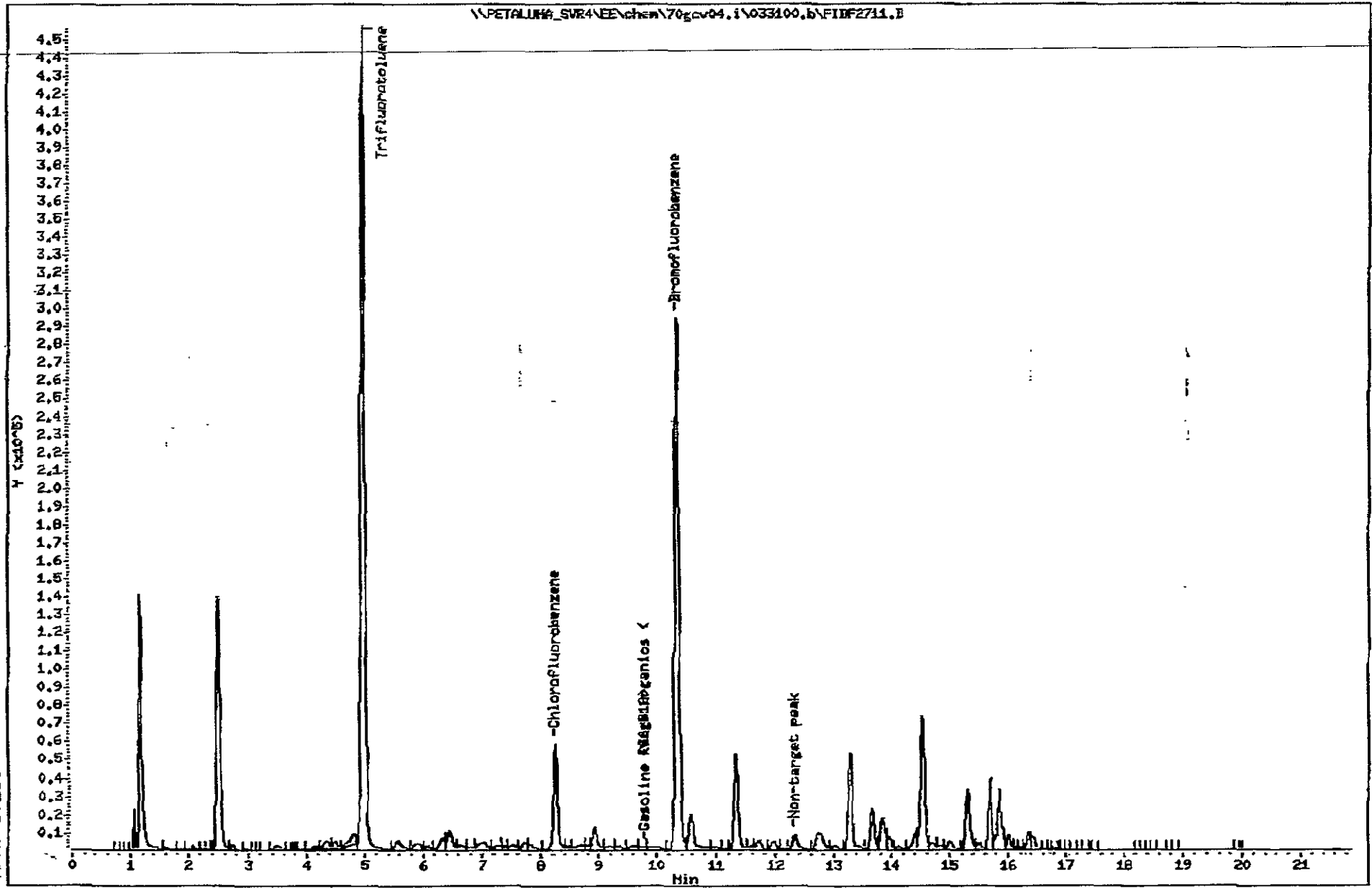
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NO.985

SEQUOIA ANALYTICAL

4:22PM

APR. 6.2000



Date : 31-MAR-2000 21:24

Instrument: 70gov04.i

Client ID: HJC0775-02

Operator: HCR

Lab Sample ID: P003693-02

Column diameter: 0.53

Purge Volume: 5.0

Column phase: HP-1

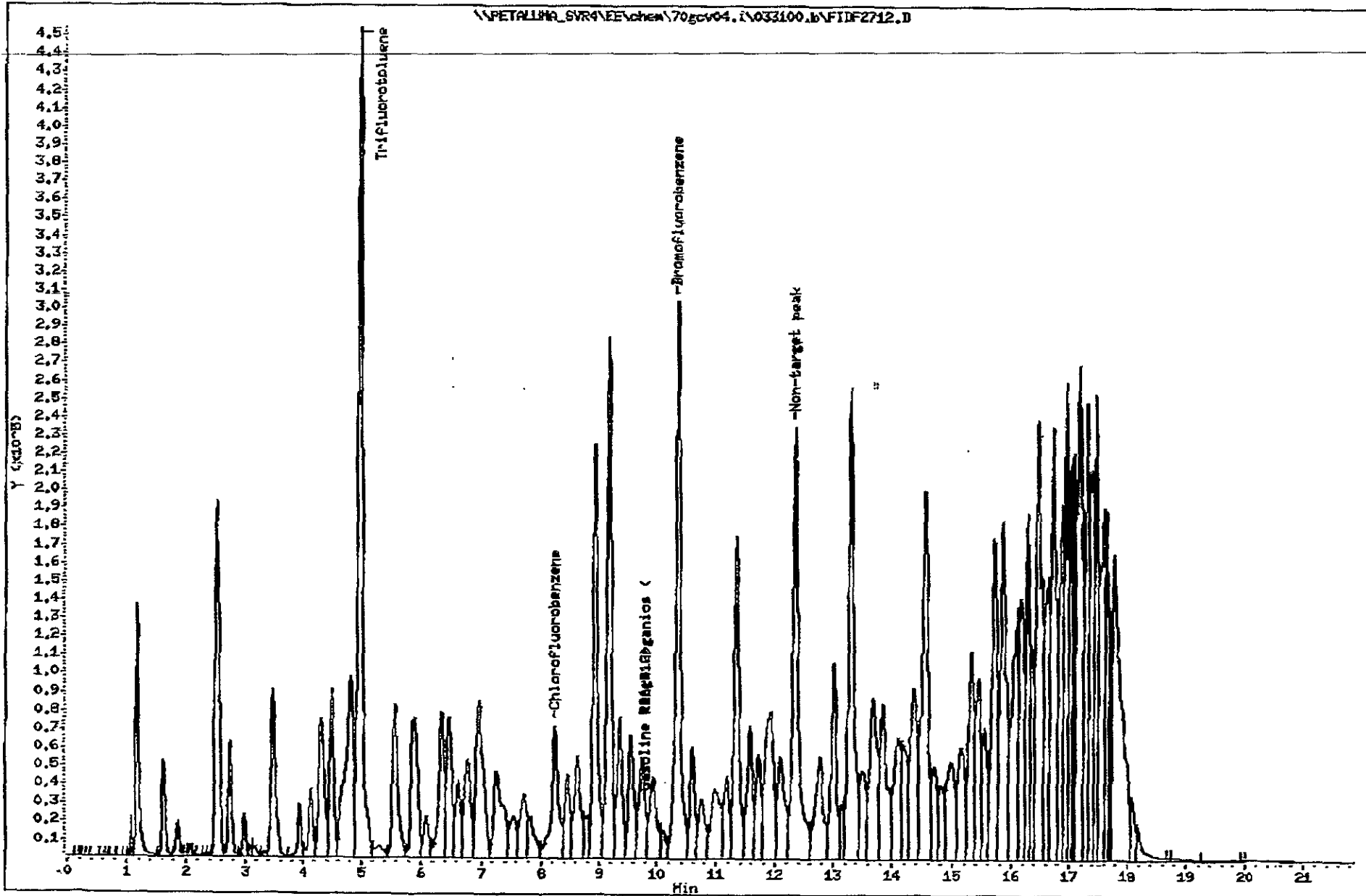
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NO. 985

SEQUOIA ANALYTICAL

4:22PM

APR. 6. 2000





Date : 31-MAR-2000 21:52

Instrument: 70gov04.i

Client ID: MJC0775-03

Operator: HCR

Lab Sample ID: P003693-03

Column diameter: 0.53

Purge Volume: 5.0

Column phase: HP-1

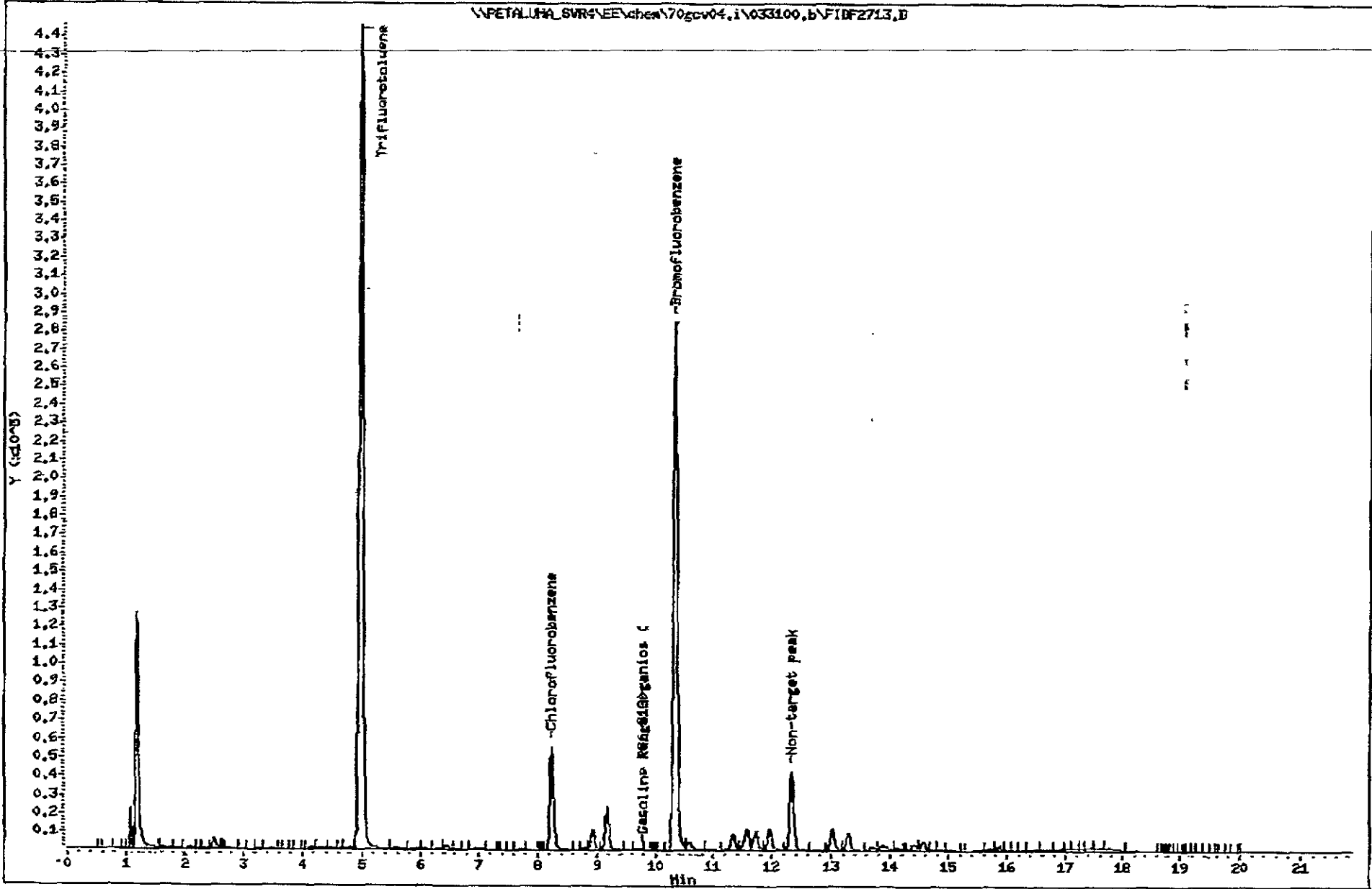
P. 7/19

NO. 985

SEQUOIA ANALYTICAL

4:22PM

APR. 6. 2000



Date : 31-MAR-2000 22:20

Instrument: 70gov04.1

Client ID: HJC0775-04

Operator: HCR

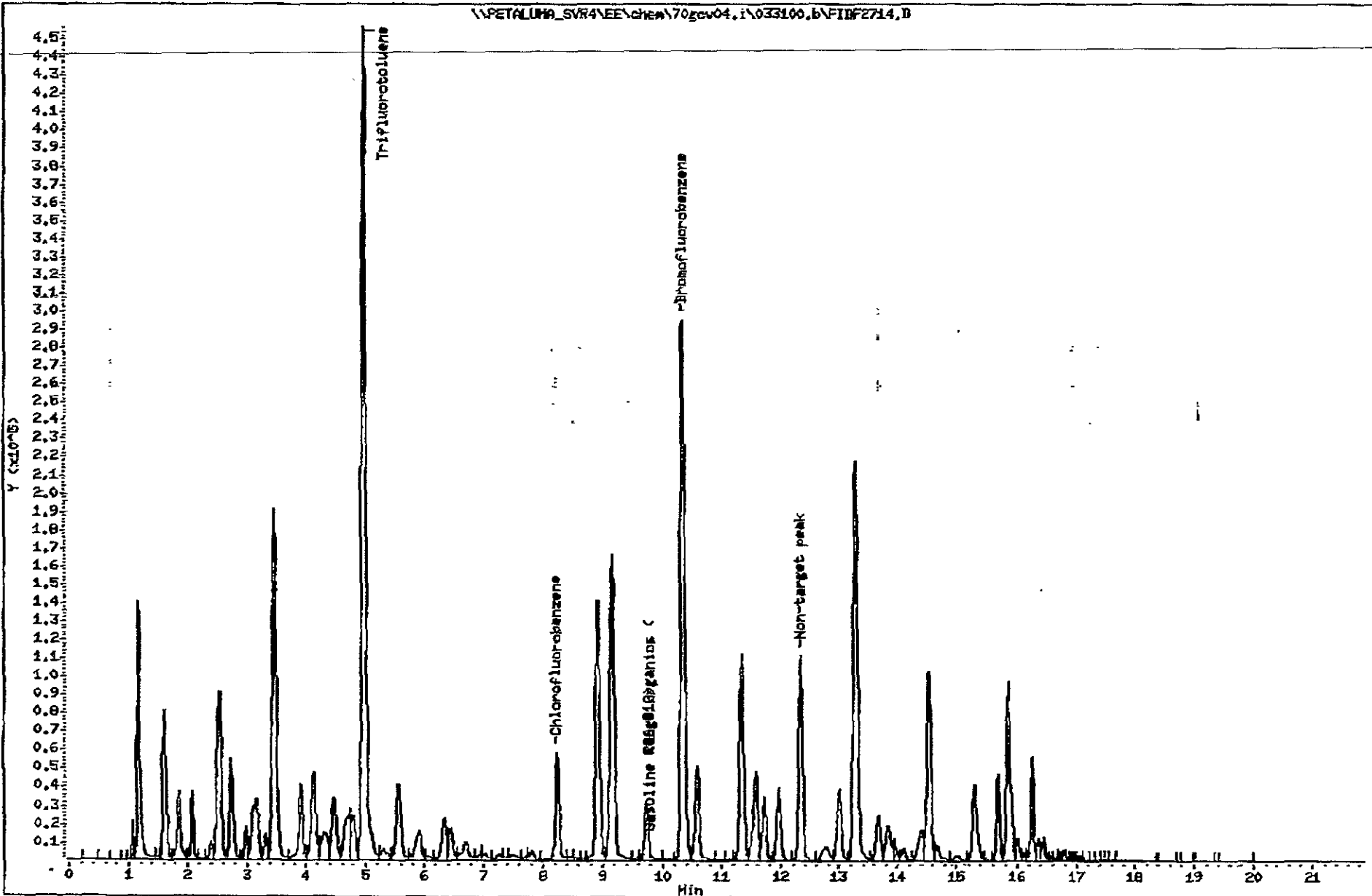
Lab Sample ID: P003693-04

Column diameter: 0.53

Purge Volume: 5.0

Column phase: HP-1

\\PETALUMA\_SVR4\EE\chem\70gov04.i\033100.b\FIDF2714.D



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NO. 985

SEQUOIA ANALYTICAL

4:22PM

APR. 6.2000

Data File: \\PETALUMA\_SVR4\EE\chem\70gov04.i\033100,b\FIDF2715.D

Date : 31-MAR-2000 22:48

Client ID: HJC0775-05

Lab Sample ID: P003693-05

Purge Volume: 5.0

Column phase: HP-1

Instrument: 70gov04.i

Operator: HCR

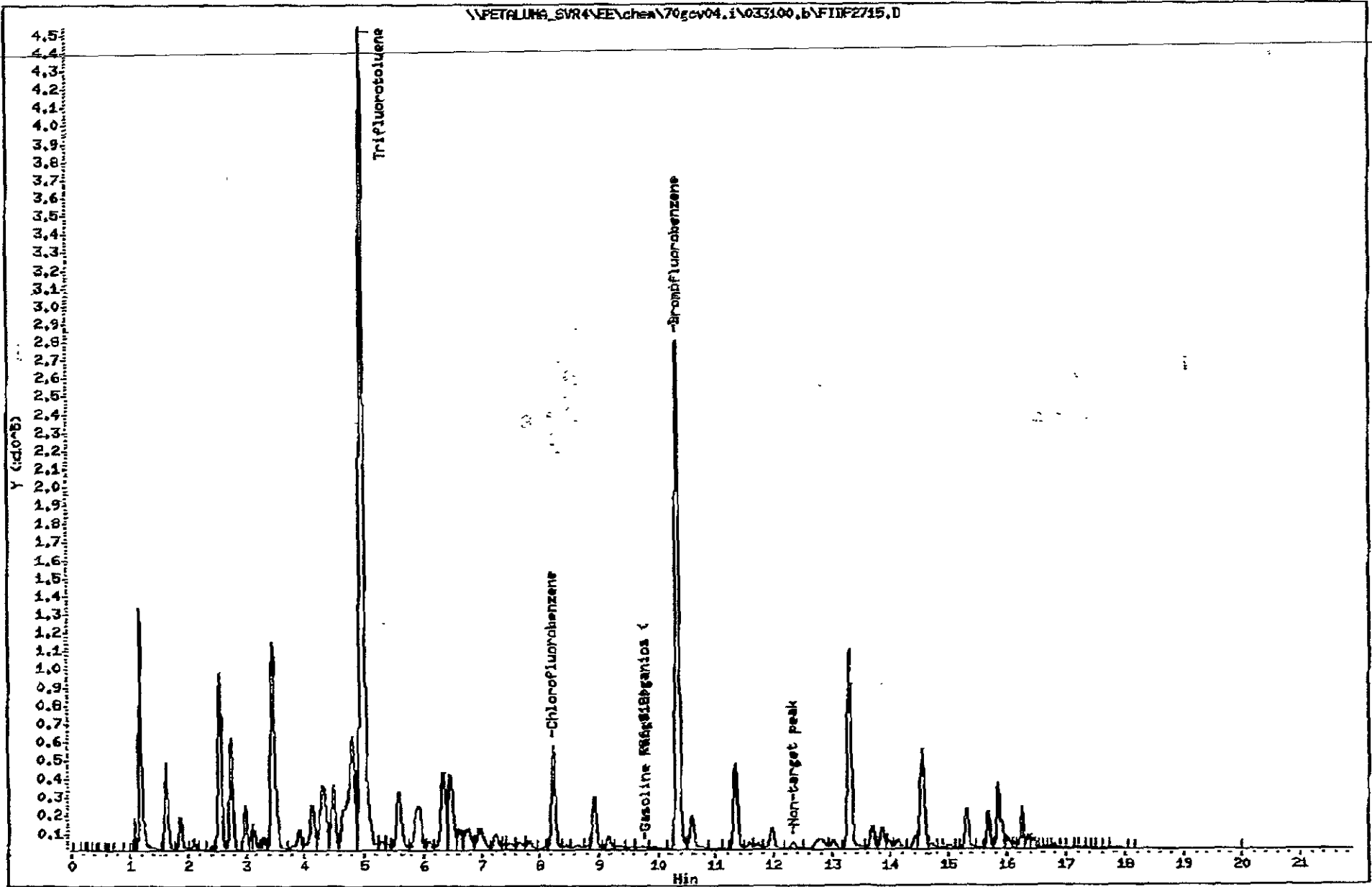
Column diameter: 0.53

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NO. 985

SEQUOIA ANALYTICAL

4:22PM

APR. 6. 2000



Date : 31-MAR-2000 23:15

Client ID: NJC0775-06

Lab Sample ID: P003693-06

Purge Volume: 5.0

Column phase: HP-1

Instrument: 70gov04.i

Operator: HCR

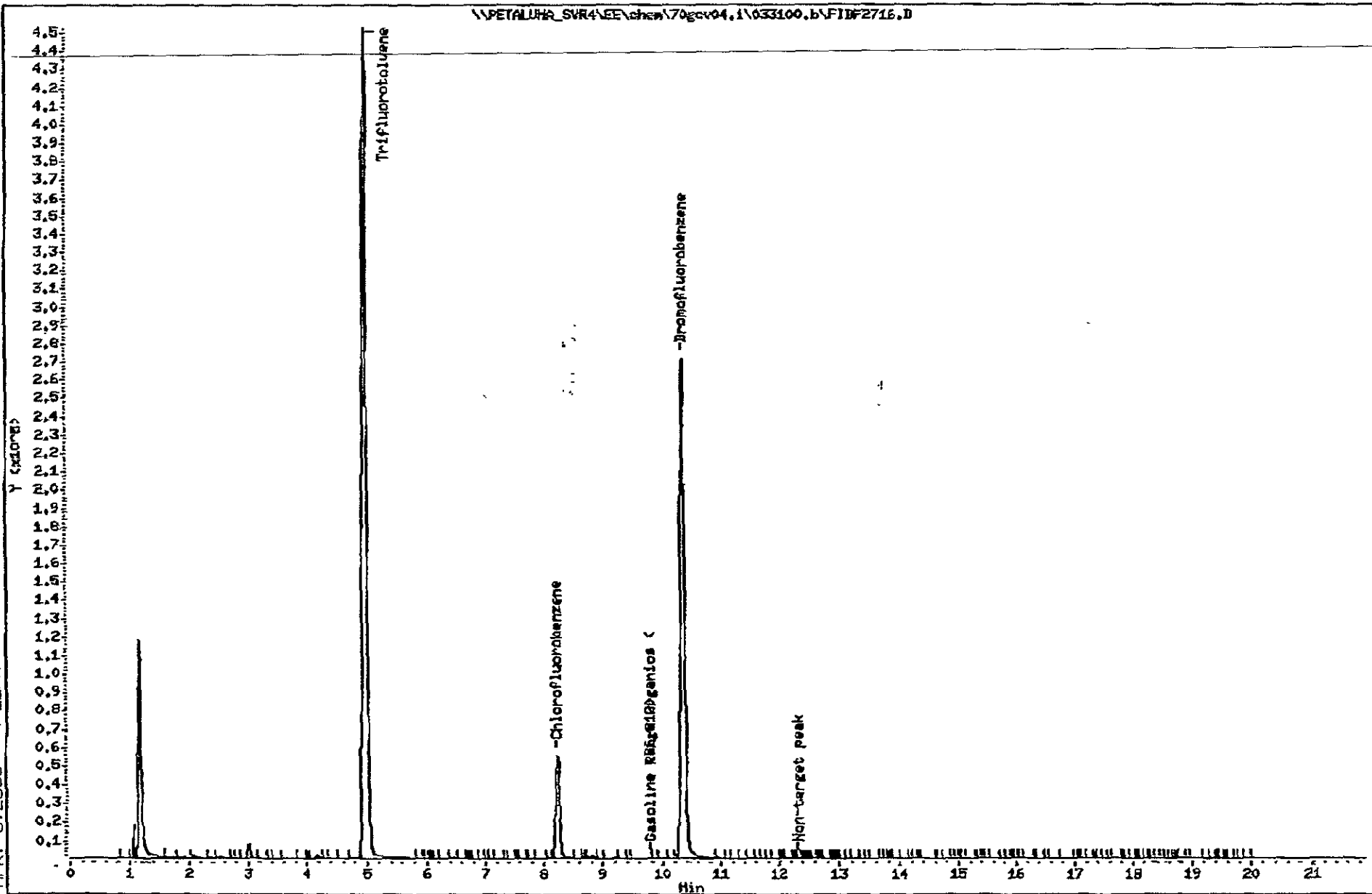
Column diameter: 0.53

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NO.985

SEQUOIA ANALYTICAL

APR. 6.2000 4:22PM



Date : 31-MAR-2000 23:43

Client ID: H000776-07

Lab Sample ID: P003693-07

Purge Volume: 5.0

Column phase: HP-1

Instrument: 70gov04.i

Operator: HCR

Column diameter: 0.53

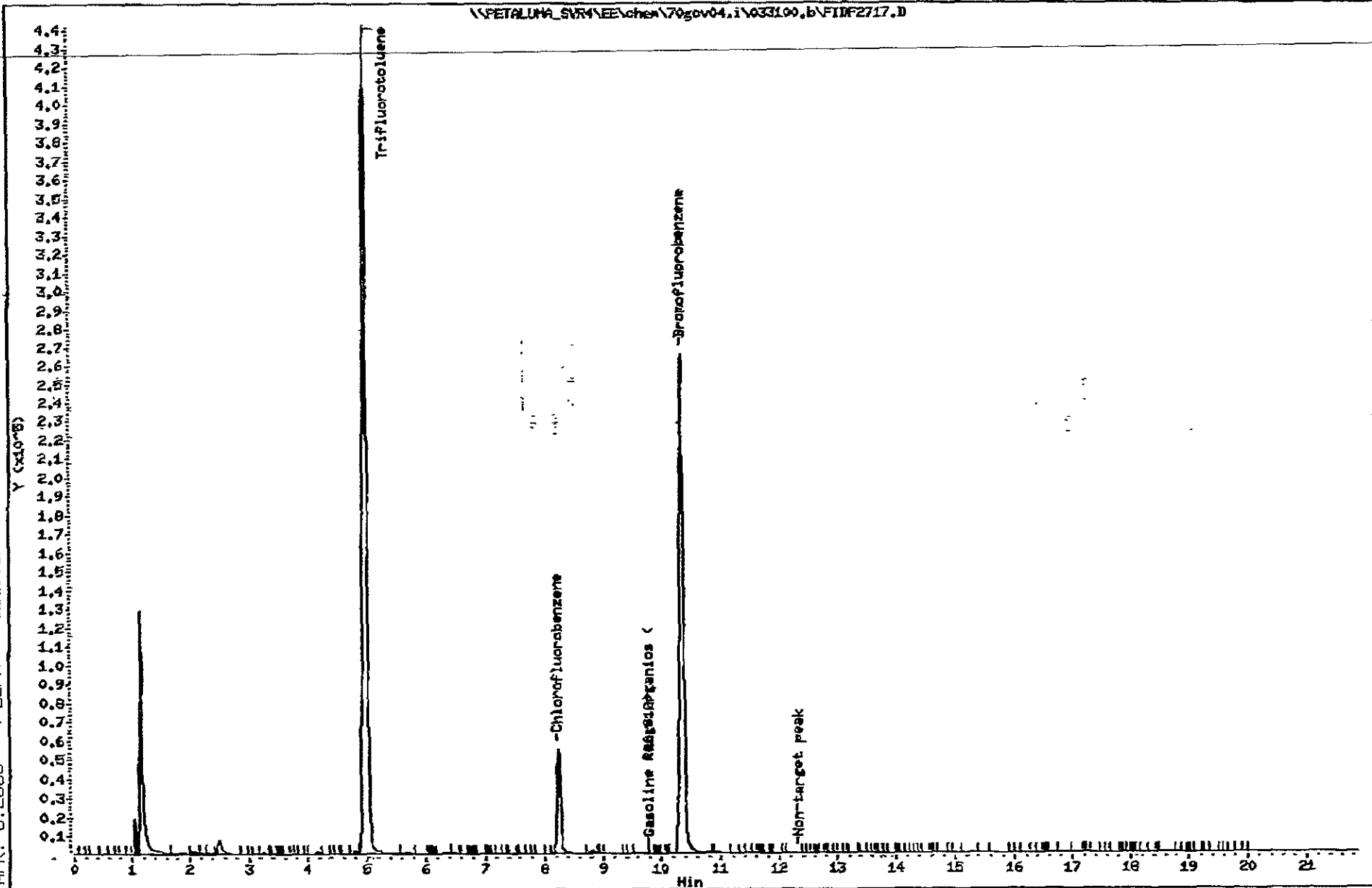
P.11/19

NO.985

SEQUOIA ANALYTICAL

4:22PM

APR. 6.2000



Date : 01-APR-2000 00:11

Client ID: HJ00775-08

Lab Sample ID: P003693-08

Purge Volume: 5.0

Column phase: HP-1

Instrument: 70gcv04.i

Operator: HCR

Column diameter: 0.53

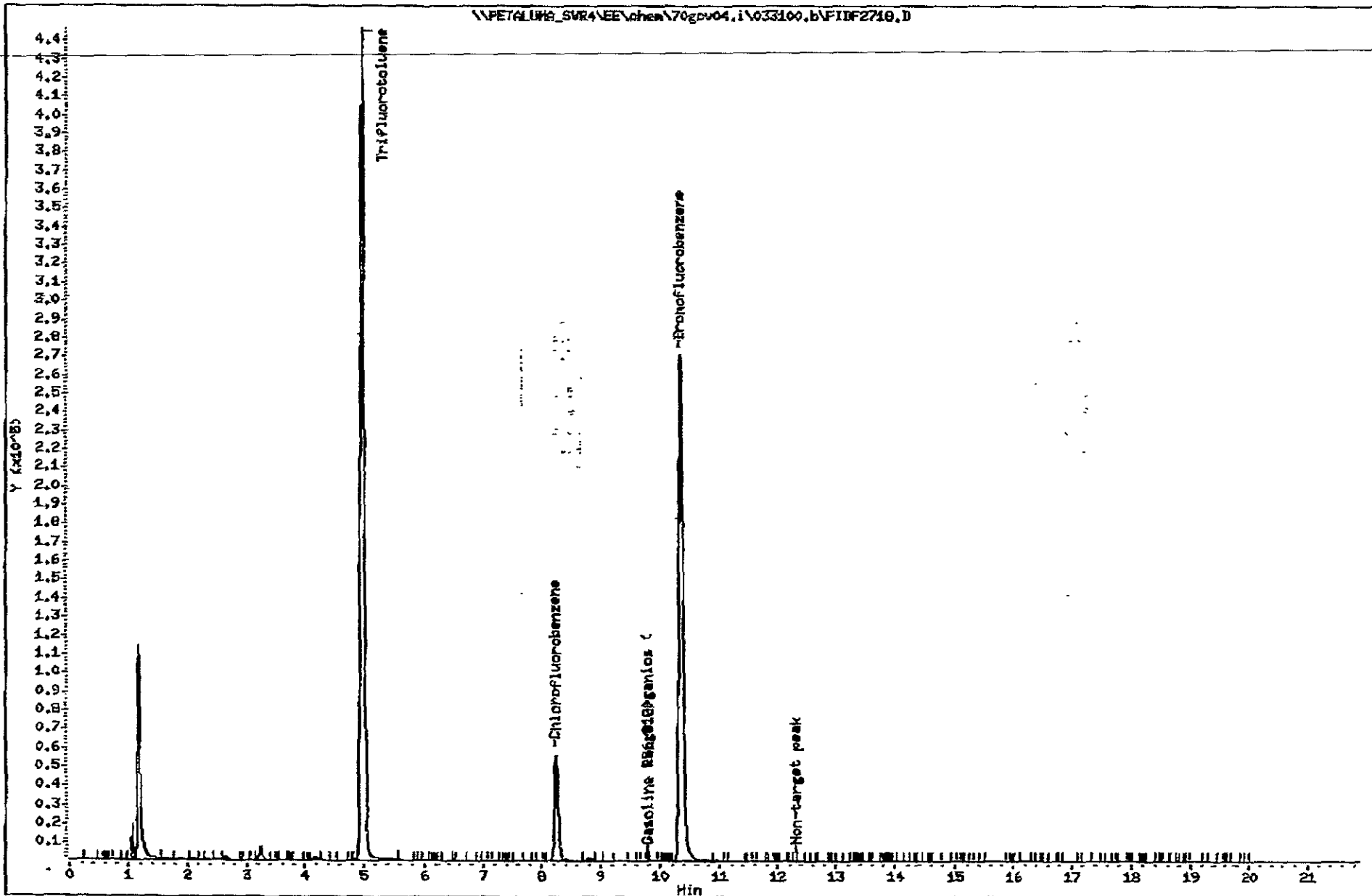
P.12/19

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SEQUOIA ANALYTICAL

4:23PM

APR. 6.2000



Date : 01-APR-2000 23:13

Instrument: 70gc04.i

Client ID: HJC0775-09

Operator: HCR

Lab Sample ID: P003693-09

Column diameter: 0.53

Purge Volume: 5.0

Column phase: HP-1

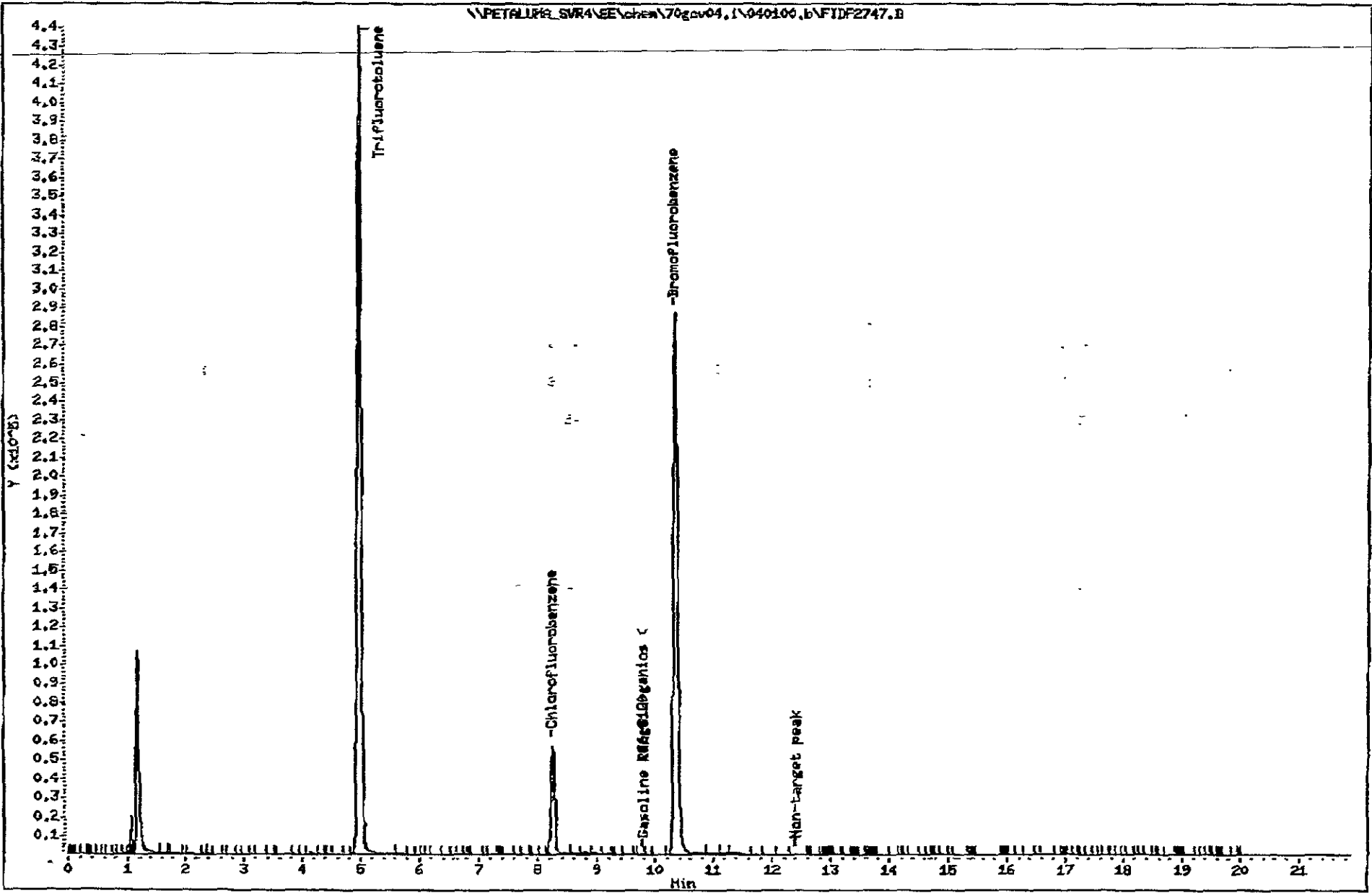
P.13/19

NO.985

SEQUOIA ANALYTICAL

4:23PM

APR. 6.2000



Date : 01-APR-2000 08:07

Client ID: VSTD1000GG

Lab Sample ID: VSTD1000GG

Purge Volume: 5.0

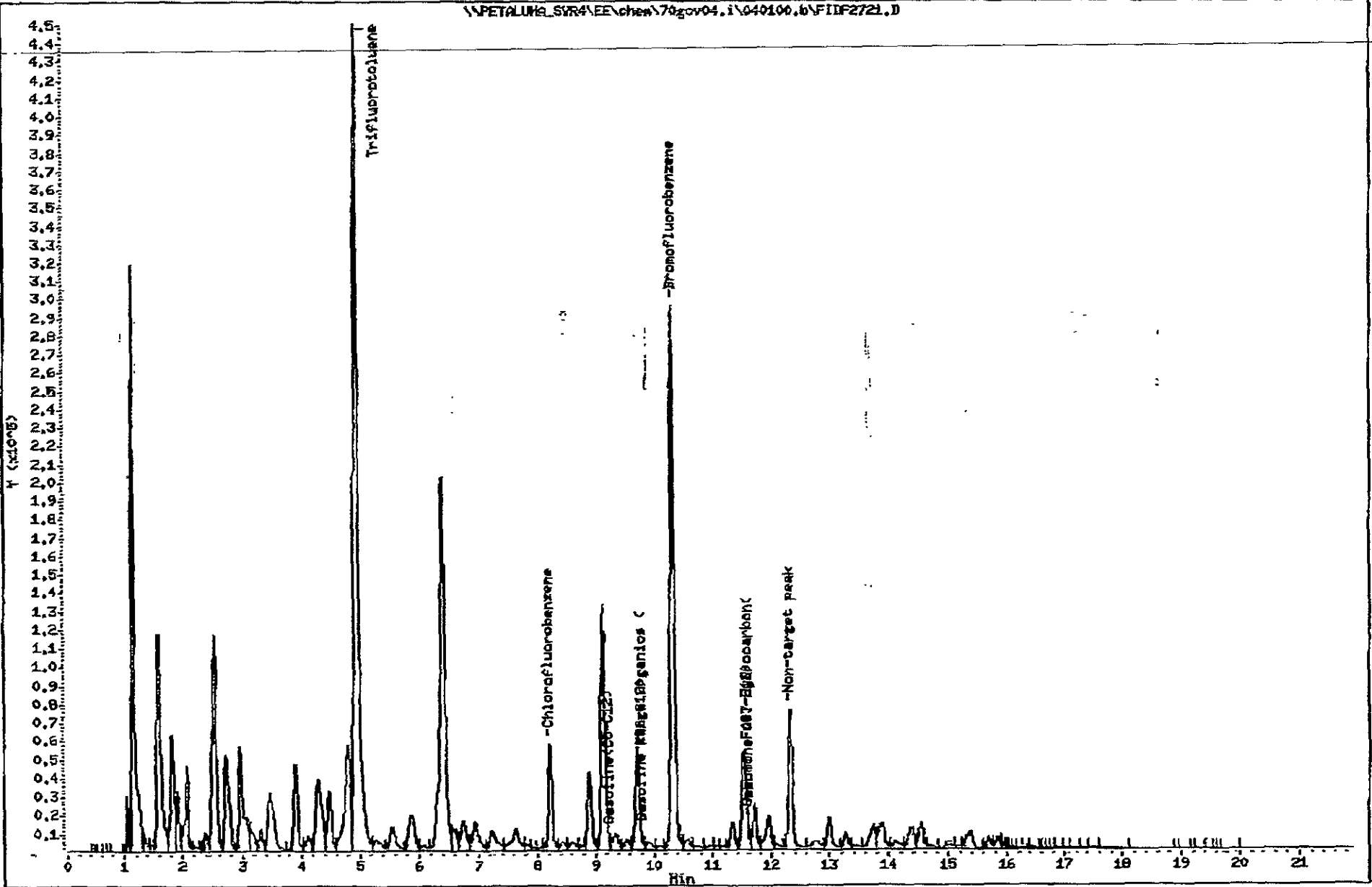
Column phase: HP-1

Instrument: 70gov04.i

Operator: HCR

Column diameter: 0.53

\\PETALUMA\_SVR4\EE\chen\70gov04.i\040100.b\FIDF2721.D



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SEQUOIA ANALYTICAL

4:21PM

APR. 6. 2000



Date : 31-MAR-2000 09:32

Client ID: VSTM0000C

Instrument: 70gc04.i

Lab Sample ID: VSTM0000C

Purge Volume: 5.0

Operator: ADS

Column phase: HP-1

Column diameter: 0.63

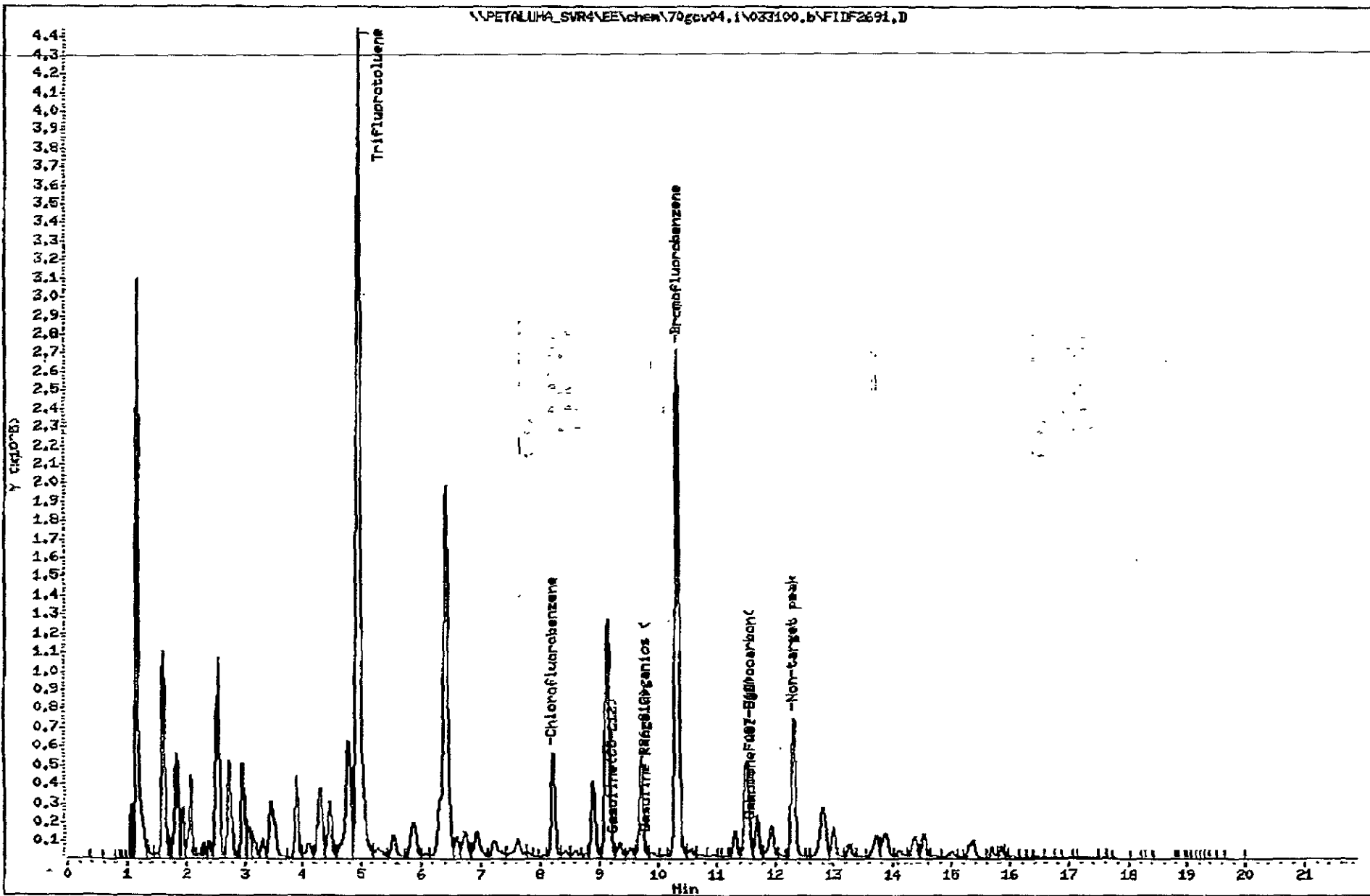
P.4/19

NO. 985

SEQUOIA ANALYTICAL

4:21PM

APR. 6.2000



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>9-0504</u>	Chevron Contact Name) <u>Brett Hunter</u>
	Facility Address <u>15900 Hesperian Blvd., San Lorenzo</u>	(Phone) <u>(925) 842-8695</u>
	Consultant Project Number <u>000321-22</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>Brian Freitas</u>	Signature <u>Brian Freitas</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 checked="" 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	Lab Sample No.	
C-1	3	H <sub>2</sub> O HCL		3/21 14:15	X													1	
C-2	3			3/21 14:30	X													2	
C-3	3			3/21 13:55	X													3	
C-7	3			3/21 15:35	X													4-12 31	
C-8	3			3/21 15:05	X													5	
C-9	3			3/21 12:47	X													6	
C-10	3			3/21 13:35	X													7	
C-11	3			3/21 13:10	X													8	
TB	2			3/21	X													9	

MTC 7/8/5

Relinquished By (Signature) <u>Brian Freitas</u>	Organization <u>BTS</u>	Date/Time <u>3/22 8:50</u>	Received By (Signature) <u>Brian Freitas</u>	Organization <u>Sequoia</u>	Date/Time <u>3/22/00 8:45</u>	Lead Y/N	Turn Around Time (Circle One) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>3/22/00</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>3/22/00 12:34</u>	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	

COC-3.DWG/07-99/HCH

# **Field Data Sheets**



## CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-1	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 18.50	Depth to Water: 8.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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      Sampling Method: Bailer  
Disposable Bailer      Disposable Bailer  
 Middleburg      Extraction Port  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

<del>3.8</del> 3.8	x	<u>3</u>	=	<del>11.4</del> 11.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:08	71.1	7.5	982	<del>4</del> 4	Cloudy/Turbid
14:09	70.2	6.9	940	<del>8</del> 8	↓
14:10	69.9	6.9	969	<del>11.8</del> 11.8	↓

Did well dewater?    Yes    No    Gallons actually evacuated: 11.5

Sampling Time: 14:15    Sampling Date: 3-21-00

Sample I.D.: C-1    Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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

## CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-2	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 18.31	Depth to Water: 8.09
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	Sampling Method: Bailer
Disposable Bailer	Disposable Bailer
Middleburg	Extraction Port
Electric Submersible	Other: _____
Extraction Pump	
Other: _____	

3.7	x	3	=	11.1	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:24	69.6	7.0	453	4	grey / slight odor
14:27	68.7	6.9	477	8	
14:27	68.3	6.9	544	11	↓
					"Needs new lock"
					No locks on Truck

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 11
Sampling Time: 14:32	Sampling Date: 3-21-00
Sample I.D.: C-2	Laboratory: Sequoia GTEL N. Creek Assoc. Labs
Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: $\frac{m^3}{L}$ Post-purge: $\frac{m^3}{L}$
O.F.P. (if req'd):	Pre-purge: $\frac{m^3}{L}$ Post-purge: $\frac{m^3}{L}$

# CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-3504
Sampler: BF	Date: 3-21-00
Well I.D.: C-3	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth: 19.25	Depth to Water: 10.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> 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      Sampling Method: Bailer

Disposable Bailer      (Disposable Bailer)

Middleburg      Extraction Port

(Electric Submersible)      Other: \_\_\_\_\_

Extraction Pump

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

3.3	x 3	=	9.9	Gals.
1 Case Volume (Gals.)	Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:47	73.4	7.4	1287	3.5	Turbid
13:47	71.2	7.0	1307	4	↓
13:48	70.9	7.0	1303	10	

Did well dewater?    Yes    (No)    Gallons actually evacuated: 10

Sampling Time: 13:55    Sampling Date: 3-21-00

Sample I.D.: C-3    Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-7	Well Diameter: (2) 3 4 6 8
Total Well Depth: 24.72	Depth to Water: 7.75
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      Sampling Method: Bailer

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
15:19	66.4	7.3	1219	2.5	cloudy / odor
15:24	66.4	7.1	1246	5	↓
15:30	67.5	7.1	1271	8	↓

Did well dewater?    Yes     No    Gallons actually evacuated: 8

Sampling Time: 15:35    Sampling Date: 3-21-00

Sample I.D.: C-7    Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

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

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

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

C.R.P. (if req'd):    Pre-purge:    mV    Post-purge:    mV



# CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-8	Well Diameter: (2) 3 4 6 8
Total Well Depth: 24.70	Depth to Water: 8.82
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: \_\_\_\_\_

<u>2.5</u>	x	<u>3</u>	=	<u>7.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1449	68.1	6.9	1217	2.5	ODOR/Cloudy
1455	67.9	6.9	1250	5	↓ ↓
1459	67.6	6.9	1284	7.5	↓ ↓

Did well dewater? Yes   No Gallons actually evacuated: 7.5

Sampling Time: 15:05 Sampling Date: 3-21-00

Sample I.D.: C-8 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

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

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

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

C.F.P. (if req'd): Pre-purge: mV Post-purge: mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-9	Well Diameter: (2) 3 4 6 8
Total Well Depth: 24.58	Depth to Water: 8.59
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: \_\_\_\_\_

2.5	x	3	=	7.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:35	64.2	7.6	230	2.5	
12:38	64.6	7.6	229	5	
12:43	64.8	7.7	228	7.5	

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Time: 12:47 Sampling Date: 3-21-00

Sample I.D.: C-9 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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

C.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-10	Well Diameter: (2) 3 4 6 8
Total Well Depth: 24.51	Depth to Water: 6.42
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: \_\_\_\_\_

<u>2.8</u>	x	<u>3</u>	=	<u>8.4</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:19	67.8	7.4	1214	3	cloudy
13:24	68.6	7.1	1217	4	↓
13:29	68.7	7.1	1226	8.5	↓

Did well dewater? Yes   No      Gallons actually evacuated: 8.5

Sampling Time: 13:35      Sampling Date: 3-21-00

Sample I.D.: C-10      Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: 000321-22	Station #: 9-0504
Sampler: BF	Date: 3-21-00
Well I.D.: C-11	Well Diameter: 2 3 4 6 8
Total Well Depth: 24.55	Depth to Water: 7.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multplier	Well Diameter	Multplier
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: \_\_\_\_\_

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:56	66.1	7.2	1216	2.7	
12:59	66.2	7.1	1228	5.5	
13:05	66.2	7.1	1231	8	
					Broken lock changed etc
					"New Lock 3910"

Did well dewater? Yes  No  Gallons actually evacuated: 8

Sampling Time: 13:10 Sampling Date: 3-21-00

Sample I.D.: C-11 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

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

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

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

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