

ENVIRONMENTAL
PROTECTION

22 MAR 92 PM 4:05



Chevron

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

**Site Assessment and
Remediation Group**
Phone (510) 842-9500
Fax (510) 842-8370

Date: March 17, 1999
To: Distribution
Re: Groundwater Monitoring Report

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 ⁹²⁵(510) 842-8695.

Sincerely,

Brett L. Hunter

Brett Hunter
Site Assessment and Remediation
Project Manager

*Free Product in MS-3 now.
Recommend starting up remediation
system a*



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

March 17, 1999

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

4th Quarter 1998 Monitoring at 9-2582

Fourth Quarter 1998 Groundwater Monitoring at
Former Chevron Service Station Number 9-2582
7240 Dublin Blvd.
Dublin, CA

Monitoring Performed on December 23, 1998

Groundwater Sampling Report 981223-S-1

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

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

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

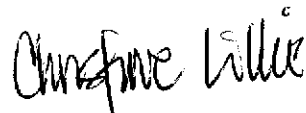
map which is located in the **Professional Engineering Appendix**.

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

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

Please call if you have any questions.

Yours truly,



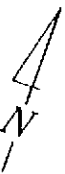
Christine Lillie
Project Coordinator

FPT/sb

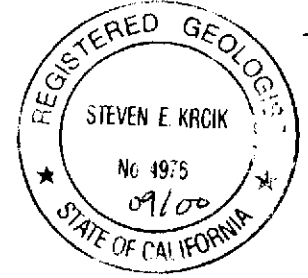
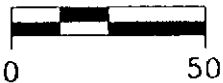
attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

cc: \ Eva Chu, Alameda County Dept. of Environmental Health
Janet Clinton (for Parkway Three)
Bette Owen, Chevron (w/o enclosure)

Professional Engineering Appendix



SCALE (ft)



MW-4
322.26

322.00

MW-5
322.83

321.00

320.00

DUBLIN ROAD

MW-3

MW-1
319.79

320.02

VW-2
NA

VW-3
NA

EA-3
NA

321.00

PLANTER

PUMP ISLANDS

FUEL USTs

PLANTER

MW-2
320.97

EA-1
321.38

VW-1
NA

EA-2
321.50

PLANTER

PLANTER

VILLAGE PARKWAY

STATION BUILDING AND CAR WASH

PLANTER

PLANTER

EXPLANATION

⊕ MONITORING WELLS

322.83 GROUNDWATER ELEVATION (FT, MSL)

320.00 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)

➔ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.02

Ref. 2582-gm.dwg
Base map from Geoconsultants, Inc.

PREPARED BY



Former Chevron Station 9-2582
7240 Dublin Boulevard
Dublin, California

GROUNDWATER ELEVATION CONTOUR MAP,
DECEMBER 23, 1998

FIGURE:
1
PROJECT:
DAC04

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet.			Volumetric Measurements are in gallons.				Analytical values are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
EA-1														
10/17/88	333.41	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/88	333.41	322.77	10.64	--	--	--	Gauging	--	--	--	--	--	--	--
11/02/88	333.41	322.72	10.69	--	--	--	Gauging	--	--	--	--	--	--	--
12/20/88	333.41	322.90	10.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/89	333.41	323.54	9.87	--	--	--	--	<250	<0.5	<0.5	<0.5	<0.5	--	--
08/02/89	333.41	323.07	10.34	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	333.41	322.76	10.65	--	--	--	--	<500	<3.0	<5.0	<5.0	<5.0	--	<5.0
01/25/90	333.41	322.81	10.60	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
04/23/90	333.41	322.83	10.58	--	--	--	--	71	2.0	5.0	3.0	8.0	--	<0.5
08/01/90	333.41	322.53	10.88	--	--	--	--	300	86	21	10	33	--	--
10/24/91	333.41	322.29	11.12	--	--	--	--	280	69	13	11	16	--	--
01/31/91	333.41	322.25	11.16	--	--	--	--	460	160	11	17	17	--	--
08/21/91	333.41	322.61	10.80	--	--	--	--	2400	400	220	44	120	--	--
08/21/91	333.41	--	--	--	--	--	Duplicate	2300	390	210	42	120	--	--
10/07/91	333.41	322.62	10.79	--	--	--	*	--	--	--	--	--	--	--
01/28/92	333.41	322.62	10.79	--	--	--	--	3600	320	360	110	310	--	--
01/28/92	333.41	--	--	--	--	--	Duplicate	3000	290	320	99	270	--	--
06/05/92	333.41	322.57	10.84	--	--	--	--	1700	290	89	61	130	--	--
09/30/92	333.41	322.35	11.06	--	--	--	--	2100	160	260	80	350	--	--
12/30/92	333.41	323.26	10.15	--	--	--	**	3200	240	180	110	310	--	--
03/29/93	333.41	323.99	9.42	--	--	--	Odor	23,000	700	3000	610	--	--	--
06/25/93	333.41	322.99	10.42	--	--	--	--	2700	130	590	130	590	--	--
09/16/93	333.41	322.75	10.66	--	--	--	--	3900	410	830	220	890	--	--
12/20/93	333.41	322.81	10.60	--	--	--	--	27,000	1200	2600	1100	4200	--	--
03/29/94	333.41	323.00	10.41	--	--	--	--	6300	250	700	200	830	--	--
06/22/94	333.41	323.01	10.40	--	--	--	--	4100	71	240	110	460	<30	<10
09/20/94	333.41	323.04	10.37	--	--	--	--	8500	1200	1300	370	1400	--	--
10/04/94	333.41	323.07	10.34	--	--	--	--	7600	97	360	150	620	--	--
11/30/94	333.41	323.95	9.46	--	--	--	--	8800	180	490	240	900	--	--

CONTINUED ON NEXT PAGE

* Not Sampled

** Sheen, Odor

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
EA-1 (CONT'D)														
03/02/95	331.03	321.07	9.96	--	--	--	--	6900	82	570	210	970	--	--
06/15/95	331.03	321.23	9.80	--	--	--	--	4800	44	210	160	620	<25	--
09/26/95	331.03	320.55	10.48	--	--	--	--	13,000	150	620	370	1400	<125	--
12/28/95	331.03	320.89	10.14	--	--	--	--	11,000	74	250	200	750	79	--
02/29/96	331.03	322.29	8.74	--	--	--	--	17,000	59	480	350	1600	<125	--
06/27/96	331.03	320.82	10.21	--	--	--	--	3600	22	130	130	49	46	--
09/12/96	331.21	320.72	10.49	--	--	--	--	2000	20	<10	18	44	<50	--
03/31/97	331.21	321.02	10.19	--	--	--	--	17,000	87	230	330	1200	310	--
12/23/98	331.21	321.38	9.83	--	--	--	--	290	20	0.88	1.1	16	<2.5	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
EA-2														
10/17/88	332.59	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	1.2	--	--
10/24/88	332.59	322.89	9.70	--	--	--	Gauging	--	--	--	--	--	--	--
11/02/88	332.59	322.56	10.03	--	--	--	Gauging	--	--	--	--	--	--	--
12/20/88	332.59	322.61	9.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/89	332.59	323.79	8.80	--	--	--	--	<250	<2.	<0.5	<0.5	<0.5	--	<0.5
08/02/89	332.59	323.15	9.44	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	332.59	323.06	9.53	--	--	--	--	<500	<3.0	<5.0	<5.0	<5.0	--	<5.0
01/25/90	332.59	323.32	9.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
04/23/90	332.59	323.24	9.35	--	--	--	--	<50	0.6	0.8	<0.5	2.0	--	<0.5
08/01/90	332.59	322.88	9.71	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/90	332.59	322.51	10.08	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	332.59	322.38	10.21	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	332.59	--	--	--	--	--	Duplicate	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	332.59	322.79	9.80	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	332.59	322.61	9.98	--	--	--	*	--	--	--	--	--	--	--
01/28/92	332.59	322.78	9.81	--	--	--	--	<50	0.8	<0.5	<0.5	<0.5	--	--
06/05/92	332.59	322.73	9.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/30/92	332.59	321.99	10.60	--	--	--	--	66	1.0	3.2	1.3	7.4	--	--
12/30/92	332.59	323.48	9.11	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/93	332.59	324.86	7.73	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/25/93	332.59	323.37	9.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	332.59	322.59	10.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/20/93	332.59	323.21	9.38	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	332.59	323.29	9.30	--	--	--	--	<50	<0.5	0.6	<0.5	<0.5	--	--
06/22/94	332.59	323.10	9.49	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/94	332.59	322.87	9.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	332.59	323.01	9.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	332.59	323.89	8.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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* Not sampled.

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA	
EA-2 (CONT'D)															
03/02/95	330.21	321.67	8.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
06/07/95	330.21	321.79	8.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
09/26/95	330.21	320.87	9.34	--	--	--	--	540	6.8	<0.5	47	29	13	--	
12/28/95	330.21	321.37	8.84	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
02/29/96	330.21	322.77	7.44	--	--	--	--	<50	<0.5	<0.5	<0.5	1.5	<2.5	--	
06/27/96	330.21	321.38	8.83	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
09/12/96	330.41	321.01	9.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
03/31/97	330.41	321.30	9.11	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
12/23/98	330.41	321.50	8.91	--	--	--	--	<50	<2.5	<0.5	<0.5	<0.5	<2.5	--	

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
EA-3														
10/17/88	333.64	--	--	--	--	--	--	<50	1.8	<0.5	<0.5	3.0	--	--
10/24/88	333.64	322.61	11.03	--	--	--	Gauging	--	--	--	--	--	--	--
11/02/88	333.64	322.61	11.03	--	--	--	Gauging	--	--	--	--	--	--	--
12/20/88	333.64	322.68	10.96	--	--	--	--	240	90	1.2	13	3.3	--	--
03/28/89	333.64	322.87	9.77	--	--	--	--	2300	380	130	240	910	--	--
08/02/89	333.64	322.99	10.65	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	333.64	322.86	10.78	--	--	--	--	<500	<3.0	<5.0	<5.0	<5.0	--	<5.0
01/25/90	333.64	322.98	10.66	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
04/23/90	333.64	322.96	10.68	--	--	--	--	<50	0.8	<0.5	0.9	<0.5	--	<0.5
08/01/90	333.64	322.61	11.03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/90	333.64	322.29	11.35	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	333.64	322.12	11.52	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	333.64	--	--	--	--	--	*	--	--	--	--	--	--	--
10/07/91	333.64	322.49	11.15	--	--	--	--	180	40	20	4.7	8.4	--	--
10/07/91	333.64	--	--	--	--	--	Duplicate	200	43	17	4.1	6.7	--	--
01/28/92	333.64	322.12	11.08	--	--	--	--	640	69	85	13	46	--	--
06/05/92	333.64	322.66	10.98	--	--	--	--	250	63	8.3	3.0	9.5	--	--
09/30/92	333.64	322.26	11.38	--	--	--	--	330	120	33	6.3	22	--	--
12/30/92	333.64	323.16	10.48	--	--	--	--	58	7.6	1.3	2.5	5.4	--	--
03/29/93	333.64	324.34	9.30	--	--	--	--	120	11	4.5	6.2	13	--	--
06/25/93	333.64	323.18	10.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	333.64	322.74	10.90	--	--	--	--	85	3.9	8.8	4.5	22	--	--
12/20/93	333.64	322.98	10.66	--	--	--	--	190	12	12	13	50	--	--
03/29/94	333.64	323.14	10.50	--	--	--	--	<50	<0.5	1.2	<0.5	0.9	--	--
06/22/94	333.64	323.00	10.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<3.0	<1.0
09/26/94	333.64	322.92	10.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	333.64	322.96	10.68	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
11/30/94	333.64	323.98	9.66	--	--	--	--	170	6.1	3.0	6.5	28	--	--

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* Not sampled.

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
EA-3 (CONT'D)														
03/02/95	331.30	321.38	9.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/07/95	331.30	321.58	9.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	3.2	--
09/26/95	331.30	320.70	10.60	--	--	--	--	2000	140	<5.0	<5.0	190	280	--
12/28/95	331.30	321.48	9.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	26	--
02/29/96	331.30	323.02	8.28	--	--	--	--	<50	2.1	<0.5	2.5	6.0	31	--
06/27/96	331.30	321.39	9.91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	331.50	320.91	10.59	--	--	--	--	13,000	<20	<20	<20	<20	48	--
03/31/97	331.50	--	--	--	--	--	*	--	--	--	--	--	--	--
04/15/97	331.50	321.25	10.25	--	--	--	--	<125	2.0	<1.2	<1.2	<1.2	680	--
12/23/98	331.50	--	--	--	--	--	*	--	--	--	--	--	--	--

* Inaccessible

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
MW-1														
10/04/94	333.56	320.76	12.80	--	--	--	--	2100	150	170	61	320	--	--
11/30/94	333.56	321.18	12.38	--	--	--	--	1500	210	17	73	130	--	--
03/02/95	333.56	320.68	12.88	--	--	--	--	2600	510	<10	160	<10	--	--
06/07/95	333.56	320.98	12.58	--	--	--	--	710	160	<2.0	45	<2.0	<10	--
09/26/95	333.56	320.41	13.15	--	--	--	--	1100	140	1.4	92	1.8	<5.0	--
12/28/95	333.56	320.47	13.09	--	--	--	--	750	96	2.5	61	7.4	37	--
02/29/96	333.56	321.39	12.17	--	--	--	--	250	17	<0.5	18	0.81	9.0	--
06/27/96	333.56	320.61	12.95	--	--	--	--	710	72	<2.0	92	2.2	<10	--
09/12/96	333.66	320.55	13.11	--	--	--	--	300	53	<0.5	32	0.65	21	--
03/31/97	333.66	320.67	12.99	--	--	--	--	<200	4.1	<2.0	4.8	<2.0	640	--
12/23/98	333.66	319.79	13.87	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	3200	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
MW-2														
10/04/94	329.18	320.62	8.56	--	--	--	--	2300	160	280	96	480	--	--
11/30/94	329.18	320.85	8.33	--	--	--	--	1600	170	16	110	120	--	--
03/02/95	329.18	320.83	8.35	--	--	--	--	1200	220	5.6	140	36	--	--
06/07/95	329.18	320.56	8.62	--	--	--	--	160	25	<0.5	16	<0.5	240	--
09/26/95	329.18	320.47	8.71	--	--	--	--	150	15	<0.5	7.2	<0.5	120	--
12/28/95	329.18	320.40	8.78	--	--	--	--	400	34	1.3	26	5.1	170	--
02/29/96	329.18	321.36	7.82	--	--	--	--	120	29	<0.5	<0.5	<0.5	790	--
06/27/96	329.18	320.46	8.72	--	--	--	--	150	13	<0.5	7.0	<0.5	850	--
09/12/96	329.29	320.48	8.81	--	--	--	--	<1000	18	<10	<10	<10	3100	--
03/31/97	329.29	320.64	8.65	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	1400	--
12/23/98	329.29	320.97	8.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	900	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
MW-3														
10/04/94	332.73	320.67	12.06	--	--	--	--	6300	610	750	68	670	--	--
11/30/94	332.73	321.35	11.38	--	--	--	--	17,000	3600	490	430	610	--	--
03/02/95	332.73	320.76	11.97	--	--	--	--	8500	2200	<50	240	<50	64,000	--
06/07/95	332.73	321.19	11.54	--	--	--	--	3000	710	18	220	44	3100	--
09/26/95	332.73	320.37	12.36	--	--	--	--	<10,000	230	<100	130	<100	64,000	--
12/28/95	332.73	320.66	12.07	--	--	--	--	<12,500	760	<125	<125	<125	100,000	--
02/29/96	332.73	321.72	11.01	--	--	--	--	1600	380	<10	84	17	33,000	--
06/27/96	332.73	320.80	11.93	--	--	--	--	1400	<2.5	4.3	130	4.0	96,000	--
09/12/96	332.86	320.60	12.26	--	--	--	--	<10,000	560	<100	110	<100	100,000	--
03/31/97	332.86	320.82	12.04	--	--	--	--	<25,000	1200	370	<250	380	130,000	--
12/23/98	332.86	320.02	12.92	0.10	0.079	0.079	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
MW-4														
03/01/96	332.64	322.74	9.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/96	332.64	322.87	9.77	--	--	--	--	--	--	--	--	--	--	--
06/27/96	332.64	322.64	10.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	332.63	320.96	11.67	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	3.5	--
03/31/97	332.63	322.04	10.59	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/23/98	332.63	322.26	10.37	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
MW-5														
03/01/96	333.20	322.58	10.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/96	333.20	323.06	10.14	--	--	--	--	--	--	--	--	--	--	--
06/27/96	333.20	322.98	10.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/96	333.04	322.19	10.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	333.04	322.60	10.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/23/98	333.04	322.83	10.21	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	1,2-DCA
TRIP BLANK														
07/28/89	--	--	--	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.1	--	<0.1
11/06/89	--	--	--	--	--	--	--	<500	<3.0	<0.5	<0.5	<0.5	--	<0.5
01/25/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/01/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
10/24/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/28/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/05/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/30/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/30/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/25/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/20/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/22/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/02/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/07/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/26/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/28/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/29/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/01/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/27/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/31/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/23/98	--	--	--	--	--	--	--	<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 values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	1,2-DCA
PVC														
08/02/89	--	--	11.52	--	--	--	--	100,000	8700	14,000	1700	17,000	--	50
08/02/89	--	--	--	--	--	--	Duplicate	110,000	9200	14,000	1800	13,000	--	50
11/06/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EQUIPMENT BLANK														
03/28/89	--	--	--	--	--	--	--	<250	<0.5	<0.5	<0.5	<0.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on September 30, 1992.

Earlier field data and analytical results are drawn from the July 13, 1992 RENSA report.

Site resurveyed on September 19, 1996 by Ron Archer Civil Engineer, Inc.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

1,2-DCA = 1,2-Dichloroethane

MTBE = Methyl-t-butyl ether

Analytical Appendix



**Sequoia
Analytical**

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954

(650) 364-9600
(925) 988-9600
(916) 921-9600
(707) 792-1865

FAX (650) 364-9233
FAX (925) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Christine Lillie

Client Proj. ID: Chevron 9-2582/981223-J1

Received: 12/28/98

Lab Proj. ID: 9812G19

Reported: 01/11/99

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 10 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063
Walnut Creek, CA 94598
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FAX (916) 921-0100
FAX (707) 792-0342

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Christine Lillie

Client Project ID: Chevron 9-2582/981223-J1
Matrix: Liquid

Work Order #: 9812G19 -01-07

Reported: Jan 11, 1999

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	01V9020	01V9020	01V9020	01V9020
Analy. Method:	EPA 8015M/8020	EPA 8015M/8020	EPA 8015M/8020	EPA 8015M/8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	-	-	-	-
LCS/LCSD #:	8120361	8120361	8120361	8120361
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/4/99	1/4/99	1/4/99	1/4/99
Analyzed Date:	1/5/99	1/5/99	1/5/99	1/5/99
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Result:	21	21	21	62
LCS % Recovery:	110	110	110	100
Dup. Result:	21	21	21	61
LCSD % Recov.:	110	110	110	100
RPD:	0.0	0.0	0.0	1.6
RPD Limit:	0-30	0-30	0-30	0-30

MS/MSD	80-120	80-120	80-120	80-120
LCS				
Control Limits				

SEQUOIA ANALYTICAL
Elap #1849

Mike Gregory
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

9812G19.BLA <1>





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-2582/981223-J1 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812G19-01	Sampled: 12/23/98 Received: 12/28/98 Analyzed: 01/05/99 Reported: 01/11/99
Attention: Christine Lillie		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	50	3200
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	1.5	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	97

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

SEQUOIA ANALYTICAL - ELAP #1849


Mike Gregory
Project Manager






Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-2582/981223-J1 Sample Descript: MW-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812G19-02	Sampled: 12/23/98 Received: 12/28/98 Analyzed: 01/05/99 Reported: 01/11/99
Attention: Christine Lillie		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	10	900
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	1.5	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	97

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

SEQUOIA ANALYTICAL - ELAP #1849



Mike Gregory
Project Manager





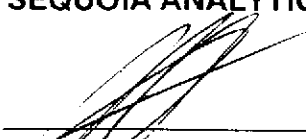
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-2582/981223-J1 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812G19-03	Sampled: 12/23/98 Received: 12/28/98 Analyzed: 01/05/99 Reported: 01/11/99
Attention: Christine Lillie		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	1.5	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

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

SEQUOIA ANALYTICAL - ELAP #1849



Mike Gregory
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-2582/981223-J1 Sample Descript: MW-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812G19-04	Sampled: 12/23/98 Received: 12/28/98 Analyzed: 01/05/99 Reported: 01/11/99
Attention: Christine Lillie		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	1.5	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

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

SEQUOIA ANALYTICAL - ELAP #1849


Mike Gregory
Project Manager





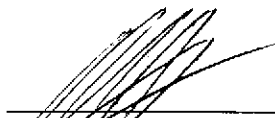
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-2582/981223-J1 Sample Descript: EA-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812G19-06	Sampled: 12/23/98 Received: 12/28/98 Analyzed: 01/05/99 Reported: 01/11/99
Attention: Christine Lillie		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	1.5	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	97

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

SEQUOIA ANALYTICAL - ELAP #1849



Mike Gregory
Project Manager





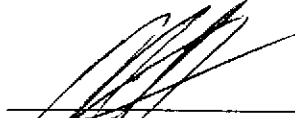
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112 Attention: Christine Lillie	Client Proj. ID: Chevron 9-2582/981223-J1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812G19-07	Sampled: 12/23/98 Received: 12/28/98 Analyzed: 01/05/99 Reported: 01/11/99
---	---	---

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	1.5	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	97

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

SEQUOIA ANALYTICAL - ELAP #1849



Mike Gregory
Project Manager



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 9-2582
Facility Address 7240 Dublin Blvd., Dublin
Consultant Project Number 181223-51
Consultant Name BLAINE TECH SERVICE, INC.
Address 1680 ROGERS AVE., SAN JOSE
Project Contact (Name) CHRISTINE LILLIE
(Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron Contact (Name) BRETT HUNTER
(Phone) (925) 842-8695
Laboratory Name SEQUOIA
Laboratory Service Order 9144488
Laboratory Service Code ZZ02800
Samples Collected by (Name) Steve Smith
Signature [Signature]

9812619

State Method: CA OR WA NW Series CO UT

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Churnwood	Sample Preservation	Date/Time	State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT													Remarks	
					ETEX/MTBE+TPH GAS (8020 + 8015)	ETEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd,Cr,Pb,Zn,Ni	ETEX (8020)	ETEX/MTBE/Naph. (8020)	TPH - HCID	TPH-D Extended		Lab Sample No.
MW-1	3	W	HC1	12/23/98/752	X														01
MW-2	3	W	HC1	819	X														02
MW-4	3	W	HC1	730	X														03
MW-5	3	W	HC1	700	X														04
EA-1	3	W	HC1	838	X														05
EA-2	3	W	HC1	718	X														06
TB	2	W	HC1	-	X														07

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>12/28/98</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SEQUOIA</u>	Date/Time <u>12-28-98 9:30</u>	Iced Y/N
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>SEQUOIA</u>	Date/Time <u>12-28-98</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	Iced Y/N
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>	Date/Time <u>12/28/98</u>	Iced Y/N	

Turn Around Time (Circle Choice)

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

COC-3.DWG/07-98/HCH

11 28 12 48

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 981223-51	Station #: 9-2582
Sampler: Stwr	Date: 12/23/98
Well I.D.: EA-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 38.30	Depth to Water: 7.83
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 ² * 0.163

Purge Method:	Sampling Method:
Bailer	Bailer
Disposable Bailer	Disposable Bailer <input checked="" type="checkbox"/>
Middleburg	Extraction Port
Electric Submersible <input checked="" type="checkbox"/>	Other: _____
Extraction Pump	
Other: _____	

<u>18.5</u>	\times	<u>3</u>	$=$	<u>55.5</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
8 ²⁹	56.8	7.3	1920	18.5	
8 ³¹	57.2	7.1	1900	37.0	
8 ³³	57.4	7.1	1890	55.5	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 55.5
Sampling Time: 8 ³⁰	Sampling Date: 12/23/98
Sample I.D.: EA-1	Laboratory: <u>Sequoia</u> GTEL N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <input type="text"/> mg/L Post-purge: <input type="text"/> mg/L
O.R.P. (if req'd):	Pre-purge: <input type="text"/> mV Post-purge: <input type="text"/> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 981223-51	Station #: 9-2582
Sampler: Stwe	Date: 12/23/98
Well I.D.: EA-2	Well Diameter: 3 4 6 8
Total Well Depth: 39.00	Depth to Water: 8.91
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 ² * 0.163

Purge Method: Bailer	Sampling Method: Bailer
Disposable Bailer	Disposable Bailer <input checked="" type="checkbox"/>
Middleburg	Extraction Port
Electric Submersible <input checked="" type="checkbox"/>	Other: _____
Extraction Pump	
Other: _____	

19.5	x	3	=	58.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
7 ⁰⁹	61.5	7.1	9100	19.5	
7 ¹¹	61.7	6.9	9000	39.0	
7 ¹³	61.8	6.8	9000	58.5	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 58.5
Sampling Time: 7 ¹³	Sampling Date: 12/23/98
Sample I.D.: EA-2	Laboratory: Sequoia GTEL N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> 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 #: 981223-51	Station #: 9-2582
Sampler: Stave	Date: 12/23/98
Well I.D.: EA-3	Well Diameter: 2 3 4 6 8 _____
Total Well Depth:	Depth to Water:
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 ² * 0.163

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

_____	X	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
					Well Lid Stuck
					Used large T-Bar but could not remove.

Did well dewater?	Yes	No	Gallons actually evacuated:
Sampling Time:	Sampling Date:		
Sample I.D.:	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 #: 98/223-51	Station #: 9-2582
Sampler: Stwr	Date: 12/23/98
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 25.30	Depth to Water: 13.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer	Sampling Method: Bailer
Disposable Bailer <input checked="" type="checkbox"/>	Disposable Bailer <input checked="" type="checkbox"/>
Middleburg	Extraction Port
Electric Submersible	Other: _____
Extraction Pump	
Other: _____	

1.8	x	3	=	5.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
748	59.7	6.9	2400	2.0	
751	60.2	6.8	2300	4.0	
754	60.3	6.8	2300	5.5	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 5.5
Sampling Time: 759	Sampling Date:
Sample I.D.: MW-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 #: 981223-51	Station #: 9-2582
Sampler: Stve	Date: 12/23/98
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 19.90	Depth to Water: 8.32
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 ² * 0.163

Purge Method: Bailer	Sampling Method: Bailer
Disposable Bailer <input checked="" type="checkbox"/>	Disposable Bailer <input checked="" type="checkbox"/>
Middleburg	Extraction Port
Electric Submersible	Other: _____
Extraction Pump	
Other: _____	

1.9	x	3	=	5.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
8 ⁰⁹	59.2	6.9	2170	2.0	
8 ¹²	59.6	7.0	2100	4.0	
8 ¹⁵	59.8	7.0	2100	6.0	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 6.0
Sampling Time: 8 ¹⁹	Sampling Date: 12/23/98
Sample I.D.: MW-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: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 981223-51	Station #: 9-2582
Sampler: Steve	Date: 12/23/98
Well I.D.: MW-3	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: _____	Depth to Water: 12.92
Depth to Free Product: 12.82	Thickness of Free Product (feet): .10
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 ² * 0.163

Purge Method: Bailer	Sampling Method: Bailer
Disposable Bailer	Disposable Bailer <input checked="" type="checkbox"/>
Middleburg	Extraction Port _____
Electric Submersible	Other: _____
Extraction Pump	
Other: _____	

_____	X	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
		Bailer <input checked="" type="checkbox"/>	300 mL SPH		

Did well dewater?	Yes	No	Gallons actually evacuated:
Sampling Time:	Sampling Date:		
Sample I.D.:	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 #: 98/223-J1	Station #: 9-2582
Sampler: STW	Date: 12/23/98
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 19.74	Depth to Water: 10.37
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 ² * 0.163

Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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1.5	x	3	=	4.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
7:27	57.9	6.9	3140	1.5	
7:30	59.2	6.9	3100	3.0	
7:33	59.5	7.0	3100	4.5	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 4.5
Sampling Time: 7:38	Sampling Date: 12/23/98
Sample I.D.: MW-4	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 #: 981223-51	Station #: 9-2582
Sampler: STW	Date: 12/23/98
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 20.68	Depth to Water: 10.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

1.7	x	3	=	5.1	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
6 ⁴⁹	61.0	6.8	1540	2.0	
6 ⁵²	61.3	6.9	1500	3.5	
6 ⁵⁵	61.5	6.9	1500	5.5	

Did well dewater? Yes No Gallons actually evacuated: 5.5

Sampling Time: 7⁰⁰ Sampling Date: 12/23/98

Sample I.D.: MW-5 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