Chevron

June 18, 1996

Chevron U.S.A. Products Company
~~2410 Camino Ramon~~
~~San Ramon, CA 94583~~
P.O Box 5004
San Ramon, CA 94583-0804

Marketing Department
Phone 510 842 9500

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

Re: **Former Chevron Service Station #9-4463**
1801 Park Street , Alameda, California

Dear Ms. Chu:

Enclosed is the First Quarter 1996 Groundwater Monitoring Report that was prepared by our consultant Blaine Tech Services Inc., for the above noted site. The groundwater samples collected were analyzed for TPH-g, BTEX and MTBE. Groundwater samples were collected from wells C-1, 2, 3 and 5. Concentrations of dissolved TPH-g and BTEX constituents were detected in the groundwater samples collected from monitoring wells C-1 and C-5. The samples collected from the other wells, were non detect for the same constituents. Depth to groundwater was approximately 7 to 8 feet below grade and the direction of flow appears to be in the southeasterly direction. This is about a 90 degree change from the last quarterly report. Chevron will continue to review the following quarterly reports to analyze the change to the groundwater flow direction.

Based on your letter of June 10, 1996, I will have our consultant check monitoring well C-1 to insure that the well functions correctly and that representative groundwater data is collected.

Chevron will continue to monitor the wells quarterly for a period of one year. At the end of the year, the data will be evaluated to determine if any additional action needs to be taken.

If you have any questions, I can be contacted at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

June 18, 1996
Ms. Eva Chu
Former Chevron Service Station 9-4463

cc. Ms. Bette Owen, Chevron

Mr. R. S. Vanderlaan, Chevron, CREMCO 225/1510 *

Mr. Leonard Goode *
2424 Clement Avenue
Alameda, CA 95401

*For your information, Mark Miller has been reassigned to a new position and I have taken over the resposilbility of project manager for this site.

BLAINE
TECH SERVICES INC.

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

March 18, 1996

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

1st Quarter 1996 Monitoring at 9-4463

First Quarter 1996 Groundwater Monitoring at
Chevron Service Station Number 9-4463
1801 Park Street
Alameda, CA

Monitoring Performed on February 14, 1996

Groundwater Sampling Report **960214-K-1**

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

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

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

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

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

Please call if you have any questions.

Yours truly,

James Keller
Vice President

JPK/dk

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

Professional Engineering Appendix

Table of
Well Data and
Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-1										
08/25/95	12.93	--	--	Dry	--	--	--	--	--	--
11/07/95	12.93	--	--	Dry	--	--	--	--	--	--
02/14/96	12.17	7.95	4.22	--	1200	19	5.3	130	96	<12
C-2										
08/25/95	11.96	5.62	6.34	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/07/95	11.96	4.11	7.85	--	1500	440	<10	<10	67	1200
02/14/96	11.61	7.79	3.82	--	<50	<0.5	<0.5	<0.5	<0.5	56
C-3										
08/25/95	11.70	5.55	6.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/07/95	11.70	4.10	7.60	--	<500	<5.0	<5.0	<5.0	<5.0	5200
02/14/96	11.36	7.36	4.00	--	<50	<0.5	<0.5	<0.5	<0.5	54
C-4										
08/25/95	12.87	6.15	6.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/07/95	12.87	4.49	8.38	--	<50	<0.5	<0.5	<0.5	<0.5	74
02/14/96	12.37	--	--	--	--	--	--	--	--	--
C-5										
08/25/95	13.35	6.34	7.01	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/07/95	13.35	5.05	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	200
02/14/96	13.35	7.17	6.18	--	560	<0.5	<0.5	40	18	5.5

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
TRIP BLANK										
08/25/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/07/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/14/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 7, 1995.
Earlier field data and analytical results are drawn from the Sierra Environmental's report 38504T.WLG.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-Butyl Ether

Analytical Appendix

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: Chevron 9-4463/960214-K1	Sampled: 02/14/96
985 Timothy Drive	Sample Descript: C-1	Received: 02/15/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/21/96
Attention: Jim Keller	Lab Number: 9602B03-01	Reported: 02/26/96

QC Batch Number: GC022196BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**250**	**1200**
Methyl t-Butyl Ether	12	N.D.
Benzene	**2.5**	**19**
Toluene	**2.5**	**5.3**
Ethyl Benzene	**2.5**	**130**
Xylenes (Total)	**2.5**	**96**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	92

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: Chevron 9-4463/960214-K1	Sampled: 02/14/96
985 Timothy Drive	Sample Descript: C-2	Received: 02/15/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/21/96
Attention: Jim Keller	Lab Number: 9602B03-02	Reported: 02/26/96

QC Batch Number: GC022196BTEX02A
Instrument ID: GCHP02

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**	**56**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: Chevron 9-4463/960214-K1	Sampled: 02/14/96
985 Timothy Drive	Sample Descript: C-3	Received: 02/15/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/21/96
Attention: Jim Keller	Lab Number: 9602B03-03	Reported: 02/26/96

QC Batch Number: GC022196BTEX02A
Instrument ID: GCHP02

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**	**54**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	88

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: Chevron 9-4463/960214-K1	Sampled: 02/14/96
985 Timothy Drive	Sample Descript: C-5	Received: 02/15/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/21/96
Attention: Jim Keller	Lab Number: 9602B03-04	Reported: 02/26/96

QC Batch Number: GC022196BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**560**
Methyl t-Butyl Ether	**2.5**	**5.5**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	**0.50**	**40**
Xylenes (Total)	**0.50**	**18**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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

Blaine Technical Services	Client Proj. ID: Chevron 9-4463/960214-K1	Sampled: 02/14/96
985 Timothy Drive	Sample Descript: TB	Received: 02/15/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/21/96
Attention: Jim Keller	Lab Number: 9602B03-05	Reported: 02/26/96

QC Batch Number: GC022196BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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

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

Client Proj. ID: Chevron 9-4463/960214-K1

Lab Proj. ID: 9602B03

Received: 02/15/96

Reported: 02/26/96

LABORATORY NARRATIVE

TPPH Note: Sample 9602B03-01 was diluted 5-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Sequoia Analytical

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

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

Client Project ID: Chevron 9-4463/960214-K1
Matrix: Liquid
Work Order #: 9602B03 -01
Reported: Feb 29, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC022196BTEX20A	GC022196BTEX20A	GC022196BTEX20A	GC022196BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	960245110	960245110	960245110	960245110
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/21/96	2/21/96	2/21/96	2/21/96
Analyzed Date:	2/21/96	2/21/96	2/21/96	2/21/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.9	10	10	30
MS % Recovery:	99	100	100	100
Dup. Result:	10	10	9.9	30
MSD % Recov.:	100	100	99	100
RPD:	1.0	0.0	1.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK022196	BLK022196	BLK022196	BLK022196
Prepared Date:	2/21/96	2/21/96	2/21/96	2/21/96
Analyzed Date:	2/21/96	2/21/96	2/21/96	2/21/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	9.7	9.9	30
LCS % Recov.:	100	97	99	100
MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

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

Sequoia Analytical

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

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

Client Project ID: Chevron 9-4463/960214-K1
Matrix: Liquid
Work Order #: 9602B03-02-05

Reported: Feb 29, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC022196BTEX02A	GC022196BTEX02A	GC022196BTEX02A	GC022196BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	960245110	960245110	960245110	960245110
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/21/96	2/21/96	2/21/96	2/21/96
Analyzed Date:	2/21/96	2/21/96	2/21/96	2/21/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	30
MS % Recovery:	100	100	100	100
Dup. Result:	10	10	10	31
MSD % Recov.:	100	100	100	103
RPD:	0.0	0.0	0.0	3.3
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK022196	BLK022196	BLK022196	BLK022196
Prepared Date:	2/21/96	2/21/96	2/21/96	2/21/96
Analyzed Date:	2/21/96	2/21/96	2/21/96	2/21/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	30
LCS % Recov.:	100	100	100	100
MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

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

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-4463
Facility Address: 1801 Park St., Alameda, CA
Consultant Project Number: 960214-K1
Consultant Name: Blaine Tech Services, Inc.
Address: 985 Timothy Dr., San Jose, CA 95133
Project Contact (Name): Jim Keller
(Phone) 408 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name): Mark Miller
(Phone) (510) 842-8134
Laboratory Name: Sequoia
Laboratory Release Number: 3726640
Samples Collected by (Name): Keith Brown
Collection Date: 2/14/96
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE					DO NOT BILL FOR TB-LB 9602B03 Remarks
~~01~~																					
C-1	—	3	W	D	910	HCl		X								X					01 A-C
C-2	—	↓	↓	↓	840	↓		X								X					02
C-3	—				830			X								X					03
C-5	—				805			X								X					04
TB	—	2						X													05 A, B

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	2/15 9:15		Sequoia	2/15/96 9:15
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
		2/15/96			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			Tonia McMahon (Sequoia)		02/15/96 10:17

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

.DWG/03 91/HCH

Field
Data
Sheets

WELL GAUGING DATA

Project # 960214-K1 Date 2/14/96 Client Chevron 9-4463

Site 1801 Park St. Alameda

Well I.D.	Well Size (in.)	Sheen/ Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
C-1	3					422	935 W	TOC
C-2	3					382	1233	
C-3	3					400	1285	
C-5	2					618	1778	

CHEVRON WELL MONITORING DATA SHEET

Project #:	960214-K1	Station #:	9-4463
Sampler:	CAB	Start Date:	2/14
Well I.D.:	C1	Well Diameter: (circle one)	2 (3) 4 6 ___
Total Well Depth: Before	935 After	Depth to Water: Before	4.22 After
Depth to Free Product:	—	Thickness of Free Product (feet):	
Measurements referenced to:	(TOC)	Grade	Other:

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

1.9 (1 Case Volume) x 3 (Specified Volumes) = 5.7 gallons

Purging: Bailer
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other ____

Sampling: Bailer
Disposable Bailer
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
847	66.0	7.2	300	—	2.0	very silty
		Well	DeWatered at	2.0g		
907			DTW 5.65			
909	63.8	7.1	990	—	—	slight odor

Did Well Dewater? Y If yes, gals. 2.0 Gallons Actually Evacuated: 6.0

Sampling Time: 910 Sampling Date: 2/14

Sample I.D.: C1 Laboratory: Sev

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 960214-KC1	Station #: 9-4463
Sampler: KCB	Start Date: 2/14
Well I.D.: C-2	Well Diameter: (circle one) 2 (3) 4 6 ___
Total Well Depth: Before 1233 After	Depth to Water: Before 382 After
Depth to Free Product: ___	Thickness of Free Product (feet):
Measurements referenced to: (TOC) Grade	Other:

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

3.1 (1 Case Volume) x 3 (Specified Volumes) = 9.3 gallons

Purging: Bailer; Disposable Bailer; Middleburg; Electric Submersible ✓; Extraction Pump; Other ___

Sampling: Bailer; Disposable Bailer ✓; Extraction Port; Other ___

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
831	64.2	7.2	280	—	4.0	very silty
835	63.6	7.1	260	—	8.0	
836	63.2	7.1	260	—	12.0	

Did Well Dewater? N If yes, gals. ___ Gallons Actually Evacuated: 12.0

Sampling Time: 840 Sampling Date: 2/14

Sample I.D.: C2 Laboratory: Sc

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #:	980214-1C1	Station #:	9-4463
Sampler:	ICB	Start Date:	2/14
Well I.D.:	C-3	Well Diameter: (circle one)	2 (3) 4 6 ___
Total Well Depth: Before	1285 After	Depth to Water: Before	400 After
Depth to Free Product:	—	Thickness of Free Product (feet):	
Measurements referenced to:	(TOC)	Grade	Other:

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

3.3	x	3	=	9.9
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
Disposable Bailer
Middleburg
Electric Submersible ✓
Extraction Pump
Other ___

Sampling: Bailer
Disposable Bailer ✓
Extraction Port
Other ___

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
821	63.2	6.4	400	—	4.0	very silty
822	63.0	6.6	360	—	8.0	
823	62.6	6.6	360	—	12.0	

Did Well Dewater? N If yes, gals. — Gallons Actually Evacuated: 12.0

Sampling Time: 830 Sampling Date: 2/14

Sample I.D.: C3 Laboratory: Sou

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #:	980214-161	Station #:	9-4463
Sampler:	KCB	Start Date:	2/14
Well I.D.:	C-5	Well Diameter: (circle one)	(2) 3 4 6 ___
Total Well Depth: Before	17.78 After	Depth to Water: Before	6.18 After
Depth to Free Product:	___	Thickness of Free Product (feet):	
Measurements referenced to:	(PVC) Grade	Other:	

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

1.8	x	3	=	5.4
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
Disposable Bailer ✓
Middleburg
Electric Submersible
Extraction Pump
Other ___

Sampling: Bailer
Disposable Bailer ✓
Extraction Port
Other ___

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
754	65.8	6.6	680	—	2.0	
756	66.2	6.4	480	—	4.0	
759	65.8	6.4	480	—	5.5	

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

Sampling Time: 805 Sampling Date: 2/14

Sample I.D.: C-5 Laboratory: Sequoia

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

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

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