

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RG

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 30, 2005

Mr. Mark Inglis
Chevron
6001 Bollinger Canyon Rd., K-2256
San Ramon, CA 94583

Mr. Peter Iwate
Kansai Development
755 Sansome St.
San Francisco, CA 94111

Mr. Joseph Hernon
301 14th Street Associates LLC
795 Folsom St., 1st Floor
San Francisco, CA 94612

Dear Messrs. Inglis, Iwate and Hernon:

Subject: Fuel Leak Site Case Closure Chevron #9-4816, 301 14th St., Oakland, CA 94612; Case No. RO0000290

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that based upon the results of post remediation soil and groundwater samples no contaminants of concern exist at the site:

If you have any questions, please call Barney Chan at (510) 567-6765. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:

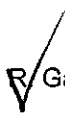
1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Ms. Cherie McCaulou
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Mr. Leroy Griffin (w/enc)
City of Oakland Fire Department
250 Frank Ogawa Plaza
Suite 3341
Oakland, CA 94612

B. Chan (w/orig enc), D. Drogos (w/enc),  Garcia (w/enc)

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REMEDIAL ACTION COMPLETION CERTIFICATE

Dear Messrs. Inglis, Iwate and Hernon:

Subject: Fuel Leak Site Case Closure Chevron #9-4816, 301 14th St., Oakland, CA 94612; Case No. RO0000290

This letter confirms the completion of a site investigation and remedial action for the three underground storage tanks, 1-5,000 gallon and 2-10,000 gallon, formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung
Director
Alameda County Environmental Health

**CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM**

I. AGENCY INFORMATION

Date: 9/30/05

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567- 6765
Responsible Staff Person: Barney Chan	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: CHEVRON #9-4816		
Site Facility Address: 301 14 th St., Oakland, CA 94612		
RB Case No.: 01-0355	Local Case No.: 478	LOP Case No.: RO0000290
URF Filing Date: 6/21/90	SWEEPS No.: ---	APN: 002 -0065-006-01
Responsible Parties	Addresses	Phone Numbers
Mr. Mark Inglis, c/o ChevronTexaco	6001 Bollinger Canyon Rd., K-2256 San Ramon, CA 94583	925-842-1589
Mr. Joseph Hernon c/o 301 14 th Street Associates LLC	795 Folsom St., 1 st Floor San Francisco, CA 94612	
Kansai Development, Inc., c/o Mr. Peter Iwate	755 Sansome St. San Francisco, CA 94111	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000	gasoline	removed	2/21/91
2	10,000	gasoline	removed	2/21/91
3	5,000	gasoline	removed	2/21/91
Piping- estimated to be ~80'			removed	2/21/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: holes observed in the 2-10k USTs and leak in product line observed in 1988.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 12	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 17.5'	Lowest Depth: 24.78'	Flow Direction: north-northwest, but has varied due to SVE & GW extraction system
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: A domestic well is located 633' southeast of site and two irrigation wells are located approximately 2000' and 2640' northeast of the site. Due to there locations, they would not likely be impacted.

Are drinking water wells affected? No	Aquifer Name: Oakland Sub-basin East Bay Plain
Is surface water affected? No	Nearest SW Name: Lake Merritt approx. 2000' to the east
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and City of Oakland Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	2-10,000 & 1-5,000	Disposed at Erickson, Richmond, CA	2/21/91
Piping	Estimated 80'	Disposed at Erickson, Richmond, CA	2/21/91
Free Product	32,000 lbs	Removed from SVE & DVE systems	1992-1997
Soil	800 cy 290 cy	Aerated and reused onsite Disposed at Forward Landfill, Manteca, CA	7/91 1/26/05
Groundwater	~1,000,000 gal 49858 gal	From GWE Disposed at Seaport Refining, Redwood City	8/94-3/96 2/05-3/05

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	14,000	800*	530,000	<50
TPH (Diesel)	---	---	---	---
Oil & Grease	---	---	---	---
Benzene	96	3.6*	69,000	<0.5
Toluene	940	32*	58,000	<0.5
Ethyl Benzene	270	13*	7,000	<0.5
Xylenes	1800	77*	41,000	<0.5
Heavy Metals- total lead	<10	<10	---	---
MTBE (oxys & Pb scavengers **)	<0.05	<0.05	1800+	<5, (**)
Other (8240/8270)				

** NA, ppb EtOH, <0.5 ppb TAME, <0.5 ppb ETBE, <0.5 ppb DIPE, <5 ppb TBA, <0.5 ppb EDB, and <0.5 ppb EDC

* Soil results are from C-1-20 (6/90), a submerged sample, and is believed to have been remediated

+ Results were using EPA 8020 and has never been verified at this level by EPA 8260

Site History and Description of Corrective Actions:

The site is located on the southwest corner of 14th and Harrison Streets in Oakland and is approximately 100' x 150'. A church and two warehouses occupied the site from the late 1800's to the early 1900's. From approximately 1930 to the 1970's the site was used as a parking lot. A gasoline station and car wash then operated at the site until the facility was demolished in August 1989 and the tanks removed in 1991. Currently, the site is a fenced vacant lot. See Attach 1 & 2.

While the gasoline station was in operation, one of the USTs failed a tightness test in April 1988 and a product line leak was observed in August 1988.

Site investigation initiated in June 1990 when four wells, C-1 through C-4, and four borings, C-A through C-D, were installed at site. The wells were drilled to a depth of 35' and screened from 18'-23, 30, 33 and 35', respectively. The borings were drilled to 25' in depth. The lithology was clayey sand and sand which grades into silts at about 33'. Groundwater was encountered at approximately 22-24'. Soil samples collected detected TPHg and BTEX only in the samples from 20 and deeper, thus it appeared that contamination had migrated through groundwater. Free product was observed in well C-3. Up to 1900 ppm TPHg, 12, 80, 26, 150 ppm, BTEX, respectively was detected in the 20' depth samples. See Attach 2, Site Plan, Attach 4 for analytical data and Attach 6, boring logs.

In October 1990, two additional exploratory borings were drilled on-site, C-5 and CR-1 were completed as groundwater monitoring and recovery wells, respectively. C-5 was drilled to 36' depth and screened from 18-34', while CR-1 was a 6" diameter casing advanced to 32.5' and screened from 18-32'. CR-1, located near C-3, detected 1200 ppm TPHg, 9.5, 56, 18, 110 ppm, BTEX, respectively, in the soil boring collected at 20.5'. Again, this was indicative of contamination within the saturated or capillary zone. Manual bailing from those wells where free product was observed, C-2, C-3, C-5 and CR-1 began. See Attach 3 and Attach 6, boring logs.

On February 21, 1991 three underground tanks, 2-10k and 1-5k gasoline and the associated piping, were removed from the site. Soil samples were collected from beneath the UST and associated piping. Up to 6100 ppm TPHg, 57, 440, 120, 1200 ppm, BTEX was detected in the UST samples, which were taken at a depth of 14-15' bgs. Up to 7800 ppm TPHg, 2.8, 140, 150, 1200 ppm BTEX, respectively was detected in the piping samples collected at a depth of 3'. Based upon these results, the original tank pit was widened and deepened on the north and east sides and additional over-excavation samples, CX-7S and CX-8S, were taken at approximately 14-15' bgs. These samples were ND for TPHg and BTEX indicating that the areas of former CX-4B and CX-2B had been removed. However, the areas to the west were not resampled, so it is unclear whether this contamination (CX-1B) was removed at that time. (The 1/05 excavation removed the contamination in this area.) The excavated soil, approximately 800 cy, was aerated onsite and resample, 1 sample per every 20 cy. Upon reaching the cleanup goals of < 10 ppm TPHg, the soils were reused as backfill. See Figures 1 & 2.

In April 1991, four off-site soil borings were drilled and completed as monitoring wells C-6 through C-9. The wells were drilled to total depths of 35.5' and screened from 15'-bottom of boring. The lithology observed in these borings was similar to that observed in wells C-1 through C-4. Silty sand and sand was underlain by silt, which is encountered from 30-35'. TPHg and BTEX were not detected in the soil samples from these wells, however, 5000 ppb TPHg and 17, 140, 470 ppb, TEX respectively was observed in well C-8. Manual free product recovery from wells CR-1, C-2, C-3 and C-5 occurred monthly until the remediation system was installed. See Figures 1 & 2 and Attach 6, boring logs.

A remedial action plan for remediating the petroleum-affected soil and groundwater at the site was developed in February 1992 consisting of vapor extracting from CR-1 and C-5. Later in 1992, two additional vapor extraction wells, VEW-1 and VEW-2 were installed near CR-1 and C-5, respectively to enhance vadose soil remediation. They were drilled to 20' and screened from 11-20'. On March 31, 1993, an additional extraction well, VEW-3, was installed to the northeast of the former UST pit to enhance the treatment area. VEW-3 was drilled to 30' and screened from 15-30'. See Attach 3, Figure 2 and Attach 6, boring logs.

In April 1994, an additional off-site well, MW-11 and an additional well for groundwater extraction, MW-12, were installed at the site. In August 1994, groundwater extraction was started from wells MW-12, VEW-3 and CR-1. From October 1995 to March 1996, dual vapor extraction (DVE) was used at the site, which included air sparging from wells, SP-1, SP-2 and SP-5 through SP-8. The sparge wells were drilled to depths from 31-39' with the bottom 3 feet screened. The combination of soil vapor extraction and air sparge / DVE system was conducted from March 1992 through early 1997. Approximately 32,000 pounds of petroleum hydrocarbons were estimated removed during this time. See Figures 1 & 2 and Attach 6, boring logs.

An initial post-remediation investigation was conducted in December 2004. The purpose of the investigation was to assess the current residual petroleum constituent levels in the soil at a depth of approximately 22 feet below the

existing ground surface (bgs), where elevated concentrations of petroleum constituents were formerly encountered. Soil samples were collected from borings (B1 through B4) located at each of the four quadrants of the site. Laboratory analytical results from the soil samples, which were collected from depths of approximately 10 feet and 22 feet bgs, were non-detectable for TPHg, benzene, ethylbenzene, and methyl tertiary-butyl ether (MTBE); and non-detectable to very low concentrations of toluene and xylenes. See Figure 3 and Attach 4, analytical results.

The collective results of the site investigations and groundwater monitoring events indicated that soil and groundwater containing petroleum constituents above the RWQCB's ESLs were limited to the immediate vicinity of monitoring wells C-3 and CR-1 at the central portion of the site. In January 2005, a focused excavation in this impacted area was performed. In addition, confirmation soil samples taken from the excavation, groundwater was extracted from the excavation pit, confirmation soil and groundwater samples were collected from previously impacted areas and groundwater sampling of existing wells was performed as part of the site mitigation plan. See Figure 3 and Attach 4, analytical results.

Approximately 290 cy of petroleum-affected soil from depths ranging from approximately 22 to 30 feet bgs during the focused excavation at the central portion of the site and 49,858 gallons of petroleum-affected groundwater was extracted from the excavation pit and disposed. Six confirmation soil samples collected from the sidewalls and floor of the excavation indicated non-detectable concentrations of TPHg, BTEX, and MTBE. Soil and groundwater samples from seven confirmation borings (KD-1 through KD-7) taken at 22' depth were ND for TPHg, BTEX, MTBE and oxygenated VOCs. In addition, groundwater samples from wells C-1 through C-5 were also ND for TPHg, BTEX, and MTBE. The excavation was backfilled with drain rock to 20-21', with controlled density fill to 8-9' bgs and with overburden soil to the surface. See Figure 3 and Attach 4, analytical results.

Significant releases from gasoline USTs and piping occurred at this site. The three USTs were removed in 1991. Free product was observed in wells C-2, C-3, C-5 and CR-1, near and down-gradient of the former UST pit. Soil type consists mainly of clayey sand and sand, which grades into silts at about 33'. Groundwater was encountered at approximately 22-24'. A combination of SVE and DVE was used during remediation from 1992-97 and an estimated 32,000 pounds of gasoline removed. Additional localized excavation and groundwater extraction was performed in 2005 and 290 cy of soil and ~50,000 gallons of water were removed. Confirmation soil and groundwater sampling, also performed in 2005, verified that the remediation was successful and that residual soil and groundwater in previously impacted areas onsite have been reduced to near non-detectable concentrations of TPHg and BTEX. MTBE appears to have been negligible at the site; not detected in soil and only trace to ND in groundwater. Residual petroleum contamination on or off-site, should it exist, will likely naturally bio-remediate. Site closure is recommended.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? <input checked="" type="radio"/> Yes <input type="radio"/> No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? <input checked="" type="radio"/> Yes <input type="radio"/> No		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: none		
Should corrective action be reviewed if land use changes? No		
Monitoring Wells Decommissioned: yes	Number Decommissioned: 8/10	Number Retained: 15 monitoring & sparge wells
List Enforcement Actions Taken: none		BC
List Enforcement Actions Rescinded: none		

Post-it® Fax Note	7671	Date	8/17/05	# of pages	2
To	Barney Chan	From	Cherie McLanahan		
Co./Dept.	ALERT	Co.	RWQCB		
Phone #	510 567 6765	Phone #	510 622 2342		
Fax #	510-337-9335	Fax #			

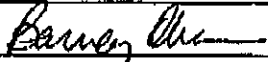
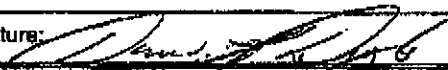
V. ADDITIONAL COMMENTS, DATA, ETC.**Considerations and/or Variances:**

- Variable gradient has been observed at the site. The gradient appears to be shallow (0.01-0.004 'f) and has predominantly varied from north to northwest. The contaminant distribution is consistent with this assumption. The gradient appears to have been greatly influenced by the remediation system during its operation.
- Groundwater contamination to the east direction, in well C-8, has not been delineated. However, low levels of TPHg and the absence of BTEX in groundwater and soil, appear to indicate that natural attenuation is occurring or that another off-site source might exist.
- Because of the presence of a commercial building, the full extent of the plume to the west has not been evaluated. However, given the area of influence observed in the monitoring wells during vapor extraction from CR-1, C-5, VEW1 and VEW2, an area of influence of ~50' would be anticipated. Over the period of the SVE operation, TPH contamination has been remediated in this area. Soil and groundwater samples collected in 2004 and 2005 in this area were ND for petroleum constituents.

Conclusion:


Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. The SVE & DVE systems, in operation from 1992-1997, have removed a significant amount of the petroleum release. In addition, the source area was over-excavated to depths of 22-30' bgs and additional groundwater removed in 2005. Residual pollution is expected to biodegrade over time. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barney Chan	Title: Hazardous Materials Specialist
Signature: 	Date: 8/11/05
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: 	Date: 8/11/05

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie Mc Caulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: 	Date: 8/17/05

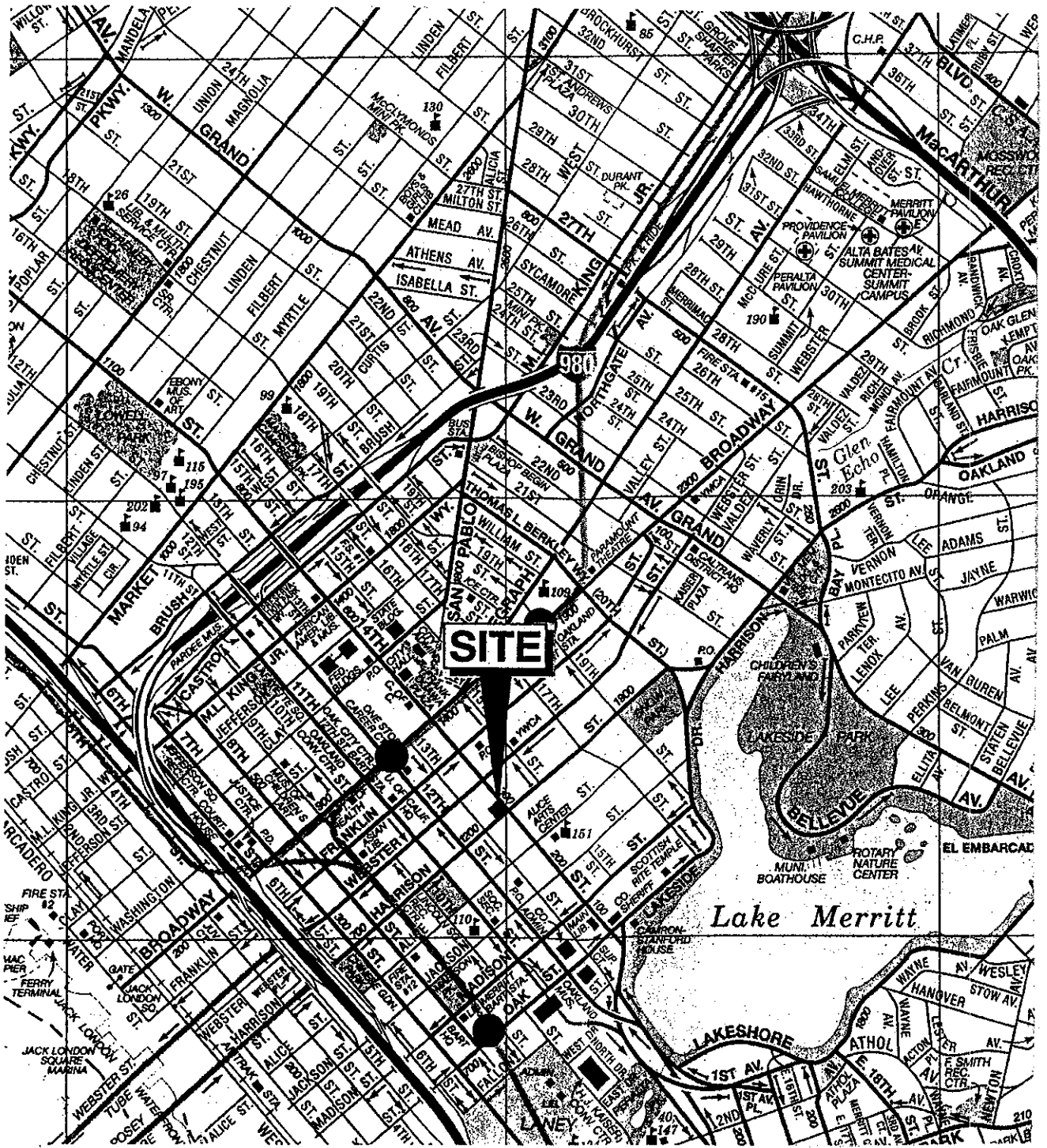
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 8/18/05	Date of Well Decommissioning Report:	
All Monitoring Wells Decommissioned: Yes <input checked="" type="radio"/> No <input type="radio"/>	Number Decommissioned: 10	Number Retained: 0
Reason Wells Retained: No evidence of sparge wells found after pot holing suspected well locations		
Additional requirements for submittal of groundwater data from retained wells: NONE		
ACEH Concurrence - Signature: Barney Chan		Date: 9/29/05

Attachments:

1. Site Vicinity Map
2. Site Plan
3. Extraction System
- Figure 1 Site Plan with All Sample/Borings/Well Locations
- Figure 2 Site Plan with Sample/Borings/Well Locations- Pre-Remediation, Estimated Area with Soil > ESL_{res}
- Figure 3 Site Plan with Post-Remediation Samples- All samples < ESL_{res} or ND
4. Summary of Soil Analytical Data
5. Groundwater Analytical Data
6. Boring Logs

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.



MAP SOURCE :
CSAA

Scale: 1" = ± 1100'

March 2005



SITE LOCATION
Former Chevron Service Station #9-481
301 14th Street
Oakland, California

Project 3892

BUILDING

14TH STREET

BUILDING

◆ C-2

PLANTER

◆ C-1

● C-A

UNDERGROUND
GASOLINE
STORAGE
COMPLEX

● C-B

PLANTER

● C-C

◆ C-3

CAR WASH
BUILDING

PLANTER

SERVICE
ISLANDS

● C-D

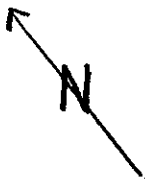
◆ C-4

PLANTER

PLANTER

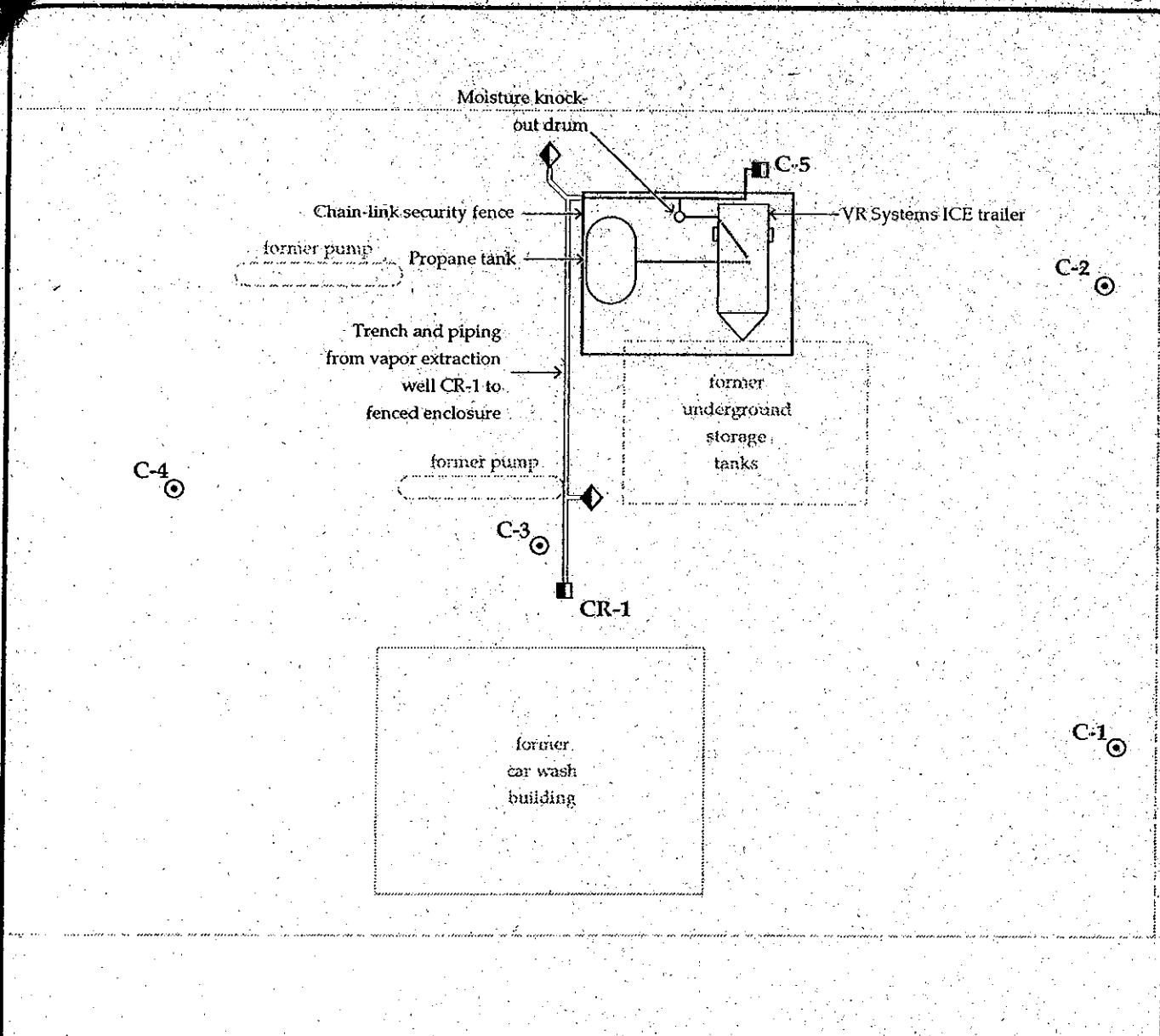
BUILDING

HARRISON STREET

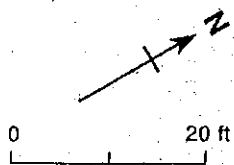


GeoStrategies Inc.





HARRISON STREET



EXPLANATION

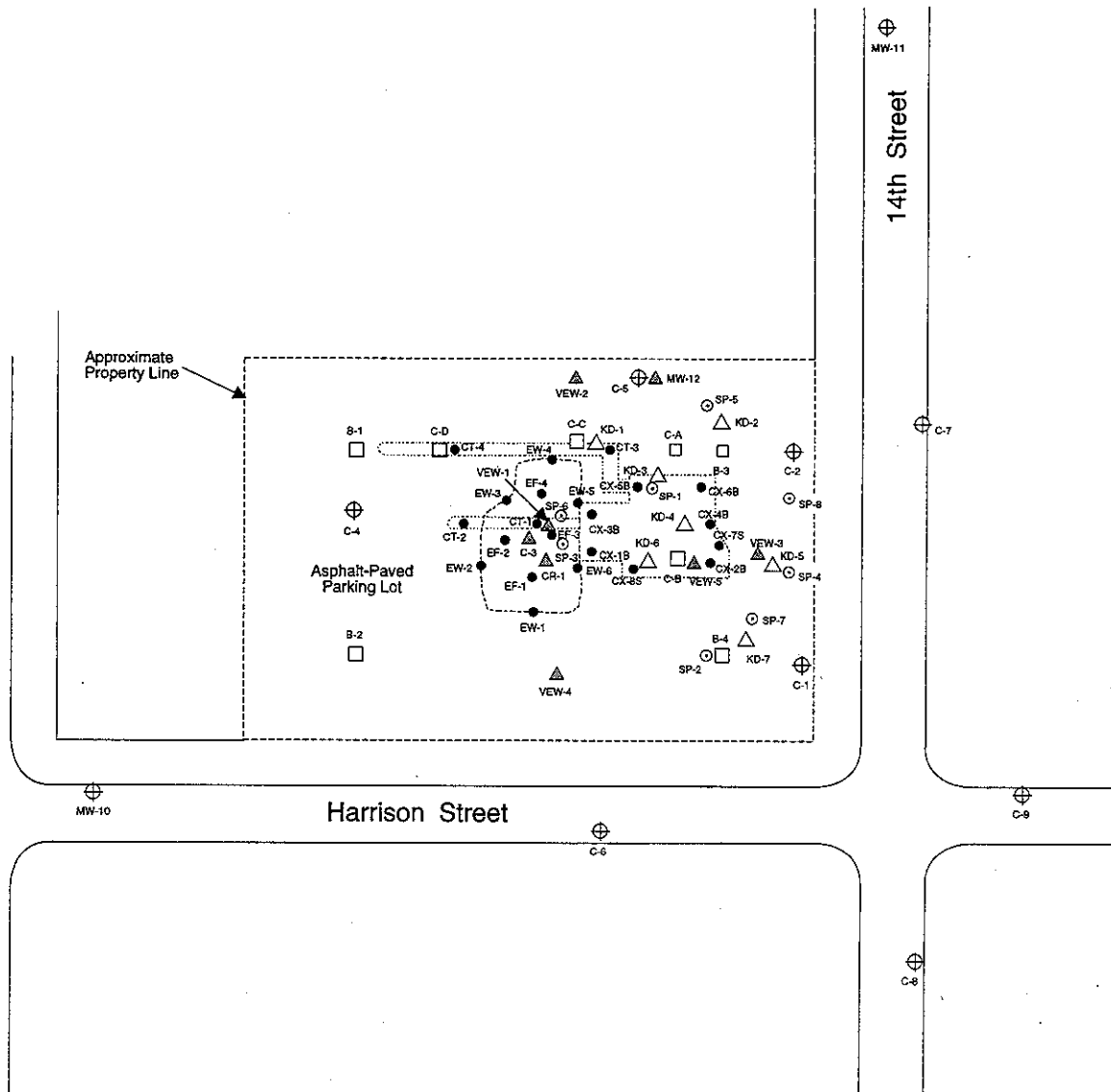
- ◆ Vapor extraction well installed 6/92
- ⊙ C-1 Monitoring well
- CR-1 Proposed vapor extraction well (currently monitoring well)

Base map taken from GeoStrategies



13th Street

14th Street



EXPLANATION:

- C-5 Groundwater Monitoring Well
- VIEW-1 Abandoned Well
- C-A Soil Boring
- SP-1 Sparge Well
- CX-1B Excavation Sample
- KD-1 Boring/Hydropunch
- Excavated Area (GeoStrategies Inc.)
- Excavated Area (ICES)

Scale: 1" = ± 50'

July 2005



SITE PLAN

Former Chevron Service Station #9-4816
301 14th Street
Oakland, California

Figure 1

Project 3892



EXPLANATION:

C-5 Groundwater Monitoring Well

VEW-1 Abandoned Well

C-A Soil Boring

SP-1 Sparge Well

CX-1B Excavation Sample

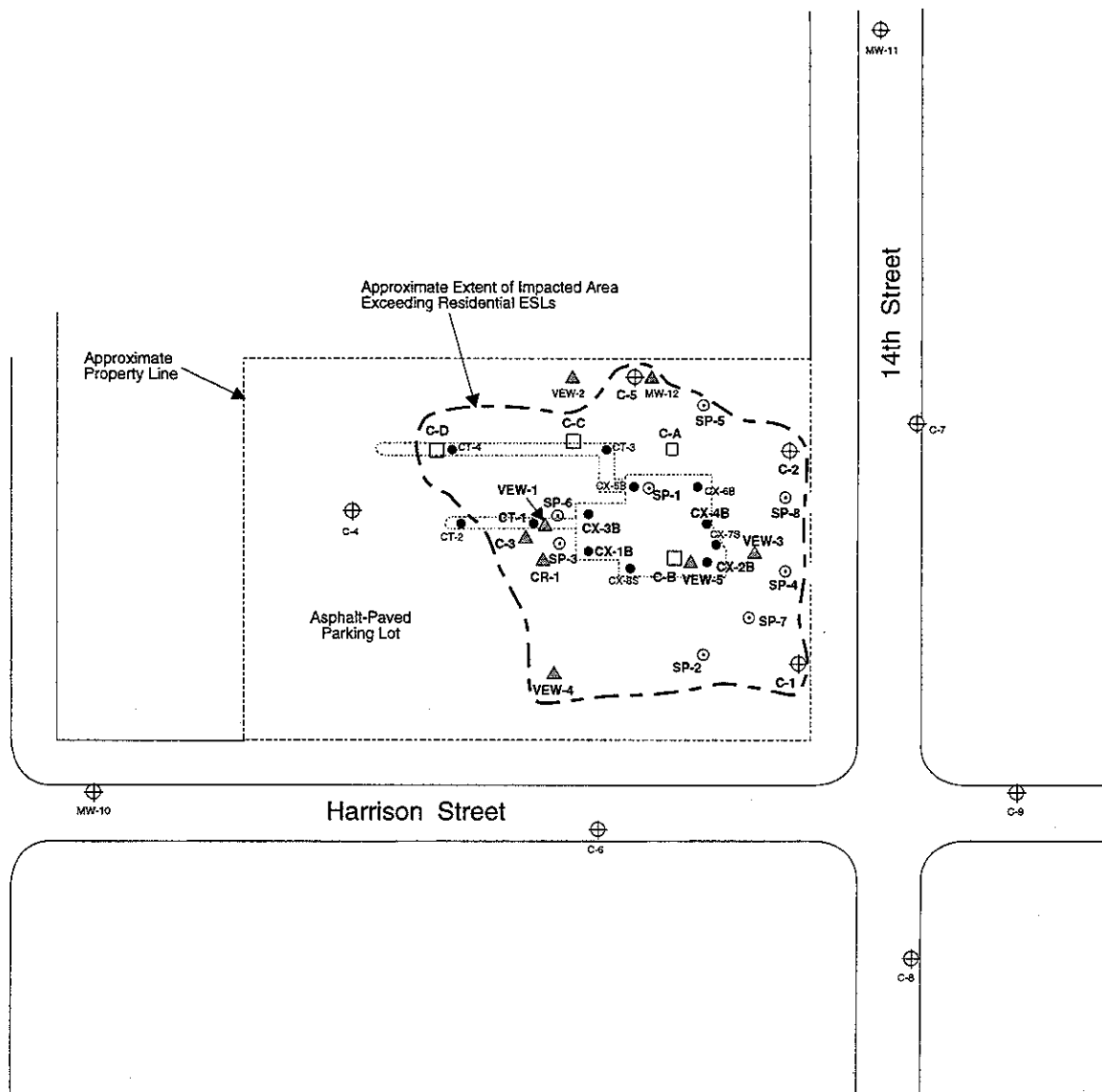
Excavated Area (GeoStrategies Inc.)

Note:

Bold = Sample locations where soil samples exceeded Residential ESLs.

13th Street

14th Street



Scale: 1" = ± 50'

July 2005



PRE-REMEDIATION MAP

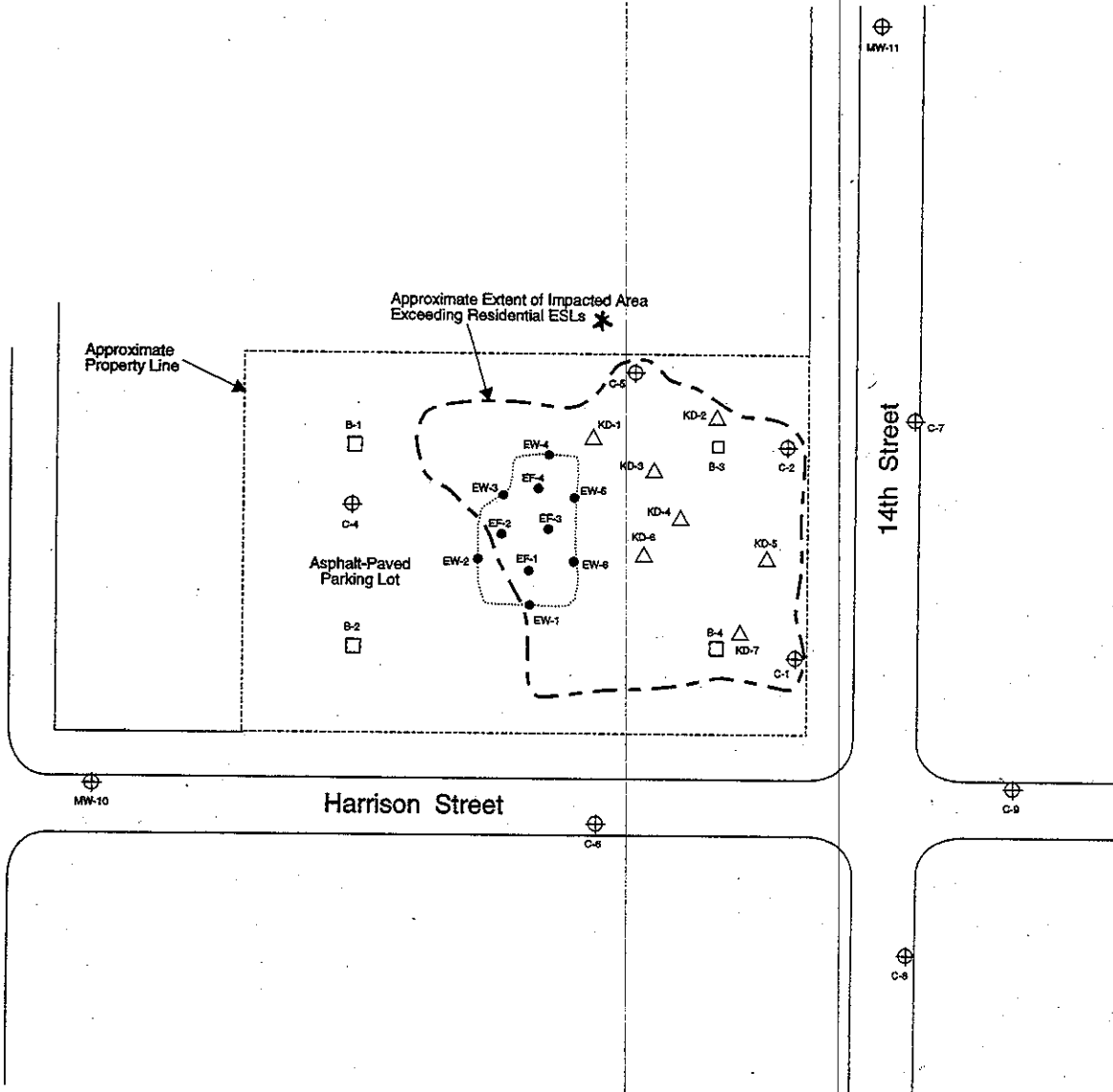
Former Chevron Service Station #9-4816
301 14th Street
Oakland, California

Figure 2







Project 3892



13th Street



EXPLANATION:

- C-5  Groundwater Monitoring Well
- B-1  Soil Boring (Dec 2004)
- KD-1  Boring/Hydropunch (Jan 2005)
- EW-1  Excavation Sample (Jan 2005)
-  Excavated Area (ICES)
-  Note:
All soil samples collected in Dec 2004 and Jan 2005 contain Petroleum constituents either Below their respective detection Limits or residential ESLs.

Scale: 1" = ± 50'

July 2005



POST-REMEDIATION MAP

Former Chevron Service Station #9-4816
301 14th Street
Oakland, California

Figure 3

Project 3892



SUMMARY OF SOIL SAMPLE CHARACTERIZATION DATA
Former Chevron Station #9-4816
301 14th Street
Oakland, California
(concentrations are expressed in mg/kg)

Sample Date	Sample ID	Depth (ft bgs)	TPH-gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	Lead	Oxygenated Volatile Organics
SOIL SAMPLING - Soil Boring and Well Installation Report (GeoStrategies Inc., June 1990)										
6/4/1990	C-1-15	15	1.0	0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-1-20	20	890	3.6	32	13	77	NA	NA	NA
6/4/1990	C-1-25	25	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-2-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-2-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-2-22	22	11	1.1	1.7	0.15	0.87	NA	NA	NA
6/4/1990	C-3-5	5	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-3-10	10	<1.0	0.13	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-3-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-3-20	20	840	0.93	15	9	63	NA	NA	NA
6/4/1990	C-3-25	25	3	0.07	0.05	<0.05	0.19	NA	NA	NA
6/4/1990	C-4-20	20	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-4-25	25	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-A-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/4/1990	C-A-15	15	2	<0.05	<0.05	<0.05	0.1	NA	NA	NA
6/4/1990	C-A-20	20	1,200	5.6	43	18	120	NA	NA	NA
6/4/1990	C-A-25	25	2	0.1	0.06	<0.05	0.09	NA	NA	NA
6/5/1990	C-B-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-B-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-B-20	20	1,000	12	80	26	150	NA	NA	NA
6/5/1990	C-B-25	25	9	1.3	0.83	0.05	0.31	NA	NA	NA
6/5/1990	C-C-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-C-15	15	<1.0	0.22	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-C-20	20	360	0.75	9.9	4.8	30	NA	NA	NA
6/5/1990	C-C-25	25	290	1.5	8	3.1	19	NA	NA	NA
6/5/1990	C-D-5	5	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-D-10	10	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-D-15	15	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
6/5/1990	C-D-20	20	3	0.32	0.32	<0.05	0.15	NA	NA	NA
6/5/1990	C-D-25	25	<1.0	<0.05	<0.05	<0.05	<0.05	NA	NA	NA
SOIL SAMPLING - Well Installation Report (GeoStrategies Inc., October 1990)										
10/18/90	C-5-15.5	15.5	6.0	0.088	0.3	0.094	0.56	NA	NA	NA
10/18/90	C-5-20.5	20.5	3	0.17	0.49	0.071	0.51	NA	NA	NA
10/18/90	CR-1-15.5	15.5	1	0.54	0.17	0.059	0.11	NA	NA	NA
10/18/90	CR-1-20.5	20.5	1,200	9.5	56	18	110	NA	NA	NA
ESL			100.0	0.044	2.9	3.3	1.5	0.023	200.0	

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SUMMARY OF SOIL SAMPLE CHARACTERIZATION DATA
Former Chevron Station #9-4816
301 14th Street
Oakland, California
(concentrations are expressed in mg/kg)

Sample Date	Sample ID	Depth (ft bgs)	TPH-gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	Lead	Oxygenated Volatile Organics
SOIL SAMPLING - Overexcavation of UST Pit and Trench Samples (GeoStrategies Inc., February 1991)										
2/21/1991	CX-1B	14	6,100	57	440	120	740	NA	NA	NA
2/21/1991	CX-2B	15	2,100	16	180	54	310	NA	NA	NA
2/21/1991	CX-3B	14	<1.0	0.049	0.055	0.006	0.04	NA	NA	NA
2/21/1991	CX-4B	15	4,600	14	130	77	140	NA	NA	NA
2/21/1991	CX-5B	15	<1.0	<0.005	0.008	<0.005	0.006	NA	<10.0	NA
2/21/1991	CX-6B	15	<1.0	<0.005	0.008	<0.005	0.006	NA	<10.0	NA
3/6/1991	CX-7S	15	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
3/6/1991	CX-8S	15	<1.0	0.007	0.007	<0.005	0.007	NA	NA	NA
2/21/1991	CT-1	3	7,800	2.8	140	150	1,200	NA	NA	NA
2/21/1991	CT-2	3.5	30	<0.015	0.017	0.11	0.33	NA	NA	NA
2/21/1991	CT-3	3	<1.0	<0.005	0.005	<0.005	0.005	NA	NA	NA
2/21/1991	CT-4	3	<1.0	<0.005	0.011	<0.005	0.011	NA	NA	NA
SOIL SAMPLING - Well Installation Report (GeoStrategies Inc., April 1991)										
4/25/1991	C-6-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/25/1991	C-6-22.5	22.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/25/1991	C-6-25.5	25.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/23/1991	C-7-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/23/1991	C-7-20.5	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/23/1991	C-7-24.5	24.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/24/1991	C-8-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/24/1991	C-8-22.5	22.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/24/1991	C-8-25.5	25.5	10.0	<0.005	0.04	0.03	0.1	NA	NA	NA
4/30/1991	C-9-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/30/1991	C-9-20.5	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/30/1991	C-9-23.5	23.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
SOIL SAMPLING - Well Installation Report (Groundwater Technology Inc., June 1992)										
6/11/1992	MW10B	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
6/11/1992	MW-10C	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
6/11/1992	VEW1B	19	1100.0	14	56	18	91	NA	NA	NA
SOIL SAMPLING - Additional Environmental Assessment (Groundwater Technology Inc., March 1993)										
3/31/1993	VEW-3(10)	10	<1.0	<0.005	<0.005	<0.005	<0.015	NA	NA	NA
3/31/1993	VEW-3(20)	20	2,500	25	120	23	460	NA	NA	NA
SOIL SAMPLING - Subsurface Investigation (Sierra Environmental Services, April 1994)										
4/27/1994	MW-11(20)	20	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/27/1994	MW-12(15)	15	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	NA
4/27/1994	MW-12(20)	20	5.0	0.007	0.016	0.011	0.84	NA	NA	NA
ESL			100.0	0.044	2.9	3.3	1.5	0.023	200.0	

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Former Chevron Station #9-4816
301 14th Street
Oakland, California
(concentrations are expressed in mg/kg)

Sample Date	Sample ID	Depth (ft bgs)	TPH-gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead	Oxygenated Volatile Organics
SOIL SAMPLING - Drilling Report (Terra Vac, July 1995)										
7/21/1995	SP1-20.2	20.2	3,100	13	47	39	280	NA	NA	NA
7/21/1995	SP2-20.0	20	1,900	15	72	34	220	NA	NA	NA
7/21/1995	VEW4-20.2	20.2	<1.0	0.081	0.0078	0.019	0.095	NA	NA	NA
7/21/1995	VEW5-23.7	23.7	28	7	7.6	0.52	2.4	NA	NA	NA
SOIL SAMPLING - Drilling Report (Terra Vac, October 1995)										
10/2/1995	SP3-20.2	20.2	14,000	17	940	270	1,800	NA	NA	NA
10/2/1995	SP3-35.5	35.5	<1.0	0.044	0.065	0.011	0.071	NA	NA	NA
10/3/1995	SP4-25.3	25.3	9.5	1.8	0.79	0.23	1	NA	NA	NA
10/3/1995	SP4-30.3	30.3	11	0.46	2	0.29	2.3	NA	NA	NA
SOIL SAMPLING - Interim Boring Installation Report (Terra Vac, December 1995)										
Dec 1995	SP5-19.3	19.3	120.0	<2.5	<0.25	<0.25	3	NA	NA	NA
Dec 1995	SP5-24.3	24.3	9.9	1	1.8	0.16	1.1	NA	NA	NA
Dec 1995	SP6-20.3	20.3	6,900	96	560	150	940	NA	NA	NA
Dec 1995	SP6-25.3	25.3	10	1.6	0.75	0.2	1.1	NA	NA	NA
Dec 1995	SP7-20.3	20.3	4,600	<6.0	120	82	760	NA	NA	NA
Dec 1995	SP7-25.3	25.3	3.8	<0.005	0.15	0.046	0.86	NA	NA	NA
Dec 1995	SP8-20.7	20.7	3,600	<6.0	<6.0	<6.0	210	NA	NA	NA
Dec 1995	SP8-25.7	25.7	<1.0	0.038	0.015	0.0056	0.1	NA	NA	NA
Dec 1995	SP8-30.7	30.7	<1.0	0.0066	0.029	<0.005	0.034	NA	NA	NA
SOIL SAMPLING - Supplementary Site Investigation (ICES, December 2004)										
12/3/2004	B1@10'	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
12/3/2004	B1@22'	22	<1.0	<0.005	0.0069	<0.005	<0.005	<0.05	NA	NA
12/3/2004	B2@10'	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
12/3/2004	B2@22'	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
12/3/2004	B3@10'	10	<1.0	<0.005	0.0077	<0.005	0.015	<0.05	NA	NA
12/3/2004	B3@22'	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
12/3/2004	B4@10'	10	<1.0	<0.005	0.0051	<0.005	<0.005	<0.05	NA	NA
12/3/2004	B4@22'	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
SOIL SAMPLING - Supplementary Soil Sampling (ICES, January 2005)										
1/11/2005	KD-1	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
1/11/2005	KD-2	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
1/11/2005	KD-3	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
1/11/2005	KD-4	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
1/11/2005	KD-5	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
1/12/2005	KD-6	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
1/12/2005	KD-7	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	<0.005-0.025
ESL			100.0	0.044	2.9	3.3	1.5	0.023	200.0	

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SUMMARY OF SOIL SAMPLE CHARACTERIZATION DATA

Former Chevron Station #9-4816

301 14th Street

Oakland, California

(concentrations are expressed in mg/kg)

Sample Date	Sample ID	Depth (ft bgs)	TPH-gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	Lead	Oxygenated Volatile Organics
SOIL SAMPLING - Remedial Activities (ICES, January 2005)										
1/20/2005	EW-1	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/22/2005	EW-2	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/24/2005	EW-3	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/24/2005	EW-4	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/21/2005	EW-5	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/20/2005	EW-6	22	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/20/2005	EF-1	26	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/24/2005	EF-2	28	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/22/2005	EF-3	30	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
1/24/2005	EF-4	25	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA
ESL			100.0	0.044	2.9	3.3	1.5	0.023	200.0	

Struckthrough = Concentrations which have been excavated or resampled.

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Groundwater Monitoring Data and Analytical Results

Former Chevron Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	FOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-1												
06/13/90	30.82	8.85	21.97	--	--	26,000	2,800	5,100	400	2,600	--	
10/30/90	30.82	9.10	21.72	--	--	67,000	6,700	8,700	900	5,000	--	
01/04/91	30.82	8.98	21.84	--	--	--	--	--	--	--	--	
01/07/91	30.82	8.87	21.95	--	--	100,000	12,000	20,000	1,600	11,000	--	
01/11/91	30.82	8.83	21.99	--	--	--	--	--	--	--	--	
02/15/91	30.82	8.70	22.12	--	--	--	--	--	--	--	--	
05/02/91	30.82	8.76	22.06	--	--	59,000	5,600	7,700	700	5,200	--	
05/30/91	30.82	8.78	22.04	--	--	--	--	--	--	--	--	
06/13/91	30.82	9.02	21.80	--	--	--	--	--	--	--	--	
07/12/91	30.82	8.81	22.01	--	--	--	--	--	--	--	--	
08/07/91	30.82	--	--	--	--	7,900	2,000	150	240	330	--	
09/24/91	30.82	--	--	--	--	--	--	--	--	--	--	
10/18/91	30.87	8.45	22.42	--	--	--	--	--	--	--	--	
11/05/91	30.87	8.51	22.36	--	--	8,700	1,500	1,200	150	580	--	
01/06/92	30.87	8.53	22.34	--	--	--	--	--	--	--	--	
01/16/92	30.87	8.61	22.28	0.03	--	--	--	--	--	--	--	
01/22/92	30.87	8.51	22.43	0.09	--	--	--	--	--	--	--	
01/28/92	30.87	8.61	22.28	0.02	--	--	--	--	--	--	--	
02/04/92	30.87	8.64	22.24	0.01	--	--	--	--	--	--	--	
02/14/92	30.87	8.71	22.16	Sheen	--	--	--	--	--	--	--	
02/21/92	30.87	8.80	22.07	Sheen	--	--	--	--	--	--	--	
02/25/92	30.87	8.92	21.95	Sheen	--	--	--	--	--	--	--	
03/06/92	30.87	9.02	21.85	--	--	--	--	--	--	--	--	
03/19/92	30.87	10.33	20.54	--	--	--	--	--	--	--	--	
05/06/92	30.87	9.48	21.39	Sheen	--	--	--	--	--	--	--	
08/31/92	30.87	9.36	21.51	Sheen	--	--	--	--	--	--	--	
12/01/92	30.87	8.99	21.88	Sheen	--	--	--	--	--	--	--	
03/15/93	32.81	11.91	20.90	--	--	130,000	8,900	13,000	1,800	11,000	--	
06/08/93	32.81	13.35	19.46	--	--	23,000	2,300	2,900	540	3,300	--	
09/07/93	32.81	12.98	19.83	--	--	14,000	1,300	2,100	340	2,800	--	
03/09/94	32.81	12.71	20.10	--	--	37,000	2,700	3,400	930	5,900	--	
06/17/94	32.81	12.79	20.02	--	--	24,000	2,200	2,300	520	3,800	--	

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-1 (cont)											
09/13/94	32.81	11.78	21.03	--	--	15,000	710	550	330	2,000	--
09/26/94	32.81	11.84	20.97	--	--	--	--	--	--	--	--
11/29/94	32.81	12.39	20.42	--	--	50,000	3,100	5,400	1,300	7,000	--
03/29/95	32.81	13.91	18.90	--	--	43,000	2,100	3,300	880	5,200	--
06/19/95	32.81	14.45	18.36	--	--	26,000	2,000	2,000	800	2,600	--
09/28/95	32.81	13.79	19.02	--	--	16,000	470	460	330	1,300	--
12/27/95	32.81	12.53	20.28	--	--	8,600	28	39	91	1,400	<125
03/26/96	32.81	11.56	21.25	--	--	960	<2.5	<2.5	<2.5	84	<12
06/20/96	32.81	12.53	20.28	--	--	370	1.1	<1.0	<1.0	8.2	<5.0
09/30/96	32.81	13.37	19.44	--	--	340	1.7	<0.5	1.2	1.7	<2.5
12/12/96	32.81	11.56	21.25	--	--	330	1.2	<0.5	0.68	2.6	<2.5
03/31/97	32.81	14.08	18.73	--	--	220	<0.5	<0.5	0.51	2.4	<2.5
06/27/97	32.81	13.60	19.21	--	--	140	<0.5	<0.5	<0.5	0.55	<2.5
12/18/97	32.81	13.44	19.37	--	--	220	<0.5	<0.5	<0.5	1.9	<2.5
02/16/98	32.81	15.13	17.68	--	--	320	0.98	<0.5	<0.5	1.9	<2.5
06/22/98	32.81	14.99	17.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	32.81	13.71	19.10	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/28/99 ²	32.81	13.71	19.10	--	--	71.6	0.941	<0.5	<0.5	<0.5	<2.0
06/23/99	32.81	13.51	19.30	--	--	80.4	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	32.81	12.51	20.30	--	--	151	<1.25	<1.25	<1.25	<1.25	<6.25
06/28/00	32.81	13.26	19.55	0.00	--	79 ³	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	32.81	12.08	20.73	0.00	--	76.4 ⁵	<0.500	<0.500	<0.500	<0.500	<2.50
06/15/01	32.81	12.49	20.32	0.00	--	<50	<0.50	0.80	<0.50	1.3	<2.5
12/14/01	32.81	12.02	20.79	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/17/02	32.81	12.63	20.18	0.00	--	64	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	32.81	11.86	20.95	0.00	--	55	<0.50	<0.50	<0.50	<1.5	<2.5
06/25/03 ⁸	32.81	12.49	20.32	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/04/03 ⁸	32.81	11.75	21.06	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/04/04 ⁸	32.81	12.50	20.31	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04 ⁸	32.81	12.23	20.58	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-2 (cont)												
06/17/94	33.27	12.66	20.61	--	--	43,000	13,000	2,600	1,300	5,200	--	
09/13/94	33.27	11.58	21.69	--	--	36,000	7,700	2,500	1,100	4,800	--	
09/26/94	33.27	11.65	21.62	--	--	--	--	--	--	--	--	
11/29/94	33.27	12.15	21.12	--	--	39,000	6,600	3,400	880	5,000	--	
03/29/95	33.27	13.69	19.58	--	--	77,000	12,000	4,100	2,000	13,000	--	
06/19/95	33.27	14.29	18.98	--	--	51,000	7,900	560	1,200	4,100	--	
09/28/95	33.27	13.73	19.54	--	--	51,000	8,700	990	1,500	3,700	--	
12/27/95	33.27	12.47	20.80	--	--	5,100	130	64	50	380	<50	
03/26/96	33.27	12.12	21.15	--	--	380	2.6	1.5	<1.0	22	<5.0	
06/20/96	33.27	12.87	20.40	--	--	220	2.4	<0.5	<0.5	2.9	<2.5	
09/30/96	33.27	13.40	19.87	--	--	75	0.51	<0.5	<0.5	0.91	<2.5	
12/12/96	33.27	12.05	21.22	--	--	120	1.3	<0.5	0.56	1.7	<2.5	
03/31/97	33.27	13.90	19.37	--	--	140	<0.5	<0.5	<0.5	0.62	<2.5	
06/27/97	33.27	12.80	20.47	--	--	170	1.1	<0.5	<0.5	<0.5	<2.5	
12/18/97	33.27	13.29	19.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
02/16/98	33.27	14.85	18.42	--	--	120	<0.5	<0.5	<0.5	<0.5	<2.5	
06/22/98	33.27	15.12	18.15	--	--	71	<0.5	<0.5	<0.5	<0.5	8.9	
12/23/98	33.27	13.66	19.61	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
01/28/99 ²	33.27	13.78	19.49	--	--	97.7	<0.5	<0.5	<0.5	<0.5	<2.0	
06/23/99	33.27	13.70	19.57	--	--	109	<0.5	<0.5	<0.5	<0.5	<5.0	
12/23/99	33.27	12.78	20.49	--	--	93	<0.5	<0.5	<0.5	<0.5	<2.5	
06/28/00	33.27	13.50	19.77	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
12/27/00	33.27	12.32	20.95	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
06/15/01	33.27	12.75	20.52	0.00	--	<50	<0.50	1.1	<0.50	0.87	<2.5	
12/14/01	33.27	12.30	20.97	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
06/17/02	33.27	12.91	20.36	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
12/12/02	33.27	12.17	21.10	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
06/25/03 ⁸	33.27	12.75	20.52	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<2 ⁷
12/04/03 ⁸	33.27	12.00	21.27	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	
06/04/04 ^R	33.27	12.76	20.51	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	
12/28/04 ^R	33.27	12.44	20.83	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	

Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4816
301 14th Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)	
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-2												
06/13/90	30.91	8.83	22.08	--	--	15,000	1,100	1,900	260	1,700	--	
10/30/90	30.91	9.10	21.81	--	--	13,000	2,800	1,900	240	1,000	--	
01/04/91	30.91	9.01	21.90	--	--	--	--	--	--	--	--	
01/07/91	30.91	8.88	22.03	--	--	15,000	3,400	2,500	340	1,400	--	
01/11/91	30.91	8.78	22.13	--	--	--	--	--	--	--	--	
02/15/91	30.91	8.55	22.36	--	--	--	--	--	--	--	--	
05/02/91	30.91	8.47	22.44	--	--	19,000	4,500	3,200	660	2,900	--	
05/02/91	30.91	8.47	22.44	--	--	21,000	3,200	2,200	410	2,000	--	
05/30/91	30.91	8.47	22.44	--	--	--	--	--	--	--	--	
06/13/91	30.91	--	--	--	--	--	--	--	--	--	--	
07/12/91	30.91	8.35	22.57	0.01	--	--	--	--	--	--	--	
08/07/91	30.91	--	--	0.11	--	--	--	--	--	--	--	
09/24/91	30.91	--	--	--	--	--	--	--	--	--	--	
10/18/91	30.72	8.44	22.34	0.07	--	--	--	--	--	--	--	
11/05/91	30.72	8.49	22.26	0.04	--	--	--	--	--	--	--	
01/06/92	30.72	8.47	22.25	--	--	--	--	--	--	--	--	
01/16/92	30.72	8.57	22.16	0.01	--	--	--	--	--	--	--	
01/22/92	30.72	8.49	22.25	0.02	--	--	--	--	--	--	--	
01/28/92	30.72	8.55	22.18	0.01	--	--	--	--	--	--	--	
02/04/92	30.72	8.58	22.15	0.01	--	--	--	--	--	--	--	
02/14/92	30.72	8.63	22.09	--	--	--	--	--	--	--	--	
02/21/92	30.72	8.66	22.06	Sheen	--	--	--	--	--	--	--	
02/25/92	30.72	8.76	21.96	--	--	--	--	--	--	--	--	
03/06/92	30.72	8.92	21.80	--	--	--	--	--	--	--	--	
03/19/92	30.72	9.60	21.12	--	--	--	--	--	--	--	--	
05/06/92	30.72	9.42	21.30	Sheen	--	--	--	--	--	--	--	
08/31/92	30.72	9.29	21.43	Sheen	--	--	--	--	--	--	--	
12/01/92	30.72	8.98	21.74	Sheen	--	--	--	--	--	--	--	
03/15/93	33.27	12.35	20.92	--	--	66,000	2,200	3,900	1,300	7,300	--	
06/08/93	33.27	13.22	20.05	--	--	23,000	1,400	2,300	680	4,000	--	
09/07/93	33.27	12.90	20.37	--	--	22,000	1,900	2,000	620	4,000	--	
03/09/94	33.27	12.55	20.72	--	--	25,000	4,100	1,100	670	3,100	--	

Groundwater Monitoring Data and Analytical Results
 Former Chevron Site Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
C-3											
06/13/90	--	--	24.75	3.00	--	--	--	--	--	--	--
10/30/90	--	--	23.81	2.50	--	--	--	--	--	--	--
01/04/91	--	--	24.15	2.70	--	--	--	--	--	--	--
01/07/91	--	--	24.13	2.50	--	--	--	--	--	--	--
01/11/91	--	--	24.35	2.66	--	--	--	--	--	--	--
02/15/91	--	--	24.70	2.93	--	--	--	--	--	--	--
05/02/91	--	--	--	--	--	--	--	--	--	--	--
05/30/91	--	--	24.08	2.49	--	--	--	--	--	--	--
06/13/91	--	--	--	--	--	--	--	--	--	--	--
07/12/91	--	--	--	--	--	--	--	--	--	--	--
08/07/91	--	--	--	2.64	--	--	--	--	--	--	--
09/24/91	--	--	--	--	--	--	--	--	--	--	--
10/18/91	30.79	6.35	24.44	2.50	--	--	--	--	--	--	--
11/05/91	30.79	--	24.31	2.46	--	--	--	--	--	--	--
01/06/92	30.79	--	24.25	2.39	--	--	--	--	--	--	--
01/16/92	30.79	--	24.02	2.39	--	--	--	--	--	--	--
01/22/92	30.79	--	24.10	2.28	--	--	--	--	--	--	--
01/28/92	30.79	--	24.06	2.29	--	--	--	--	--	--	--
02/04/92	30.79	--	24.04	2.31	--	--	--	--	--	--	--
02/14/92	30.79	--	23.93	2.31	--	--	--	--	--	--	--
02/21/92	30.79	--	24.61	3.05	--	--	--	--	--	--	--
02/25/92	30.79	--	23.69	2.23	--	--	--	--	--	--	--
03/06/92	30.79	--	23.69	2.23	--	--	--	--	--	--	--
03/19/92	30.79	--	22.98	2.26	--	--	--	--	--	--	--
05/06/92	30.79	--	22.74	1.93	--	--	--	--	--	--	--
08/31/92	30.79	--	21.77	1.93	--	--	--	--	--	--	--
12/01/92	30.79	--	22.63	1.32	--	--	--	--	--	--	--
03/15/93	33.28	12.52	20.76	--	--	530,000	69,000	58,000	6,000	32,000	--
06/08/93	33.28	13.31	19.97	--	--	310,000	56,000	58,000	7,000	41,000	--
09/07/93	33.28	13.00	20.28	--	--	160,000	48,000	43,000	3,300	24,000	--
09/26/94	33.28	11.66	22.25	0.79	--	--	--	--	--	--	--
11/29/94	33.28	11.93	22.10	0.94	0.264	--	--	--	--	--	--

Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (<i>fl.</i>)	GWE (<i>msl</i>)	DTW (<i>fl.</i>)	SPHT (<i>fl.</i>)	SPH	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
					Removed (<i>gallons</i>)						
C-3 (cont)											
12/20/94	33.28	12.48	21.20	0.50	0.300	--	--	--	--	--	--
12/28/94	33.28	12.57	20.95	0.30	0.300	--	--	--	--	--	--
01/03/95	33.28	12.63	20.65	--	--	--	--	--	--	--	--
01/10/95	33.28	12.91	20.50	0.16	0.100	--	--	--	--	--	--
01/17/95	33.28	13.14	20.20	0.07	--	--	--	--	--	--	--
01/23/95	33.28	13.28	20.00	--	--	--	--	--	--	--	--
02/07/95	33.28	13.55	19.73	--	--	--	--	--	--	--	--
02/22/95	33.28	13.78	19.50	--	--	--	--	--	--	--	--
03/07/95	33.28	13.78	19.50	--	--	--	--	--	--	--	--
03/29/95	33.28	12.63	22.46	2.26	0.132	--	--	--	--	--	--
03/30/95	33.28	12.24	21.05	0.01	--	--	--	--	--	--	--
04/10/95	33.28	13.95	19.33	--	--	--	--	--	--	--	--
05/07/95	33.28	14.39	18.91	0.02	0.026	--	--	--	--	--	--
05/09/95	33.28	14.34	18.94	--	--	--	--	--	--	--	--
05/12/95	33.28	14.45	18.83	--	--	--	--	--	--	--	--
05/18/95	33.28	14.70	18.68	0.12	0.158	--	--	--	--	--	--
05/26/95	33.28	13.43	19.85	--	--	--	--	--	--	--	--
06/08/95	33.28	13.46	19.82	--	--	--	--	--	--	--	--
06/16/95	33.28	14.46	18.86	0.05	0.026	--	--	--	--	--	--
06/19/95	33.28	14.48	18.82	0.02	0.010	--	--	--	--	--	--
06/29/95	33.28	14.50	18.78	--	--	--	--	--	--	--	--
07/06/95	33.28	14.71	18.57	--	--	--	--	--	--	--	--
07/12/95	33.28	14.69	18.59	--	--	--	--	--	--	--	--
07/22/95	33.28	14.19	19.09	--	--	--	--	--	--	--	--
07/27/95	33.28	14.14	19.14	--	--	--	--	--	--	--	--
08/02/95	33.28	13.37	19.92	0.01	0.010	--	--	--	--	--	--
09/28/95	33.28	13.81	19.47	--	--	280,000	27,000	36,000	3,400	30,000	--
12/27/95	33.28	12.65	20.66	0.04	--	--	--	--	--	--	--
03/26/96	33.28	INACCESSIBLE	--	--	--	--	--	--	--	--	--
04/01/96	33.28	12.42	20.86	--	--	15,000	28	150	35	1,500	<125
06/20/96	33.28	12.42	18.48	--	--	9,500	<25	<25	<25	620	<125
09/30/96	33.28	13.48	19.80	--	--	3,600	14	39	17	330	27

Groundwater Monitoring Data and Analytical Results

Former Chevron Site Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-3 (cont)												
12/12/96	33.28	12.83	20.45	--	--	15,000	100	160	71	1,500	<250	
03/31/97	33.28	13.73	19.55	--	--	6,700	18	38	29	570	<50	
06/27/97	33.28	13.15	20.13	--	--	8,500	320	41	44	800	<125	
12/18/97	33.28	12.93	20.35	--	--	76,000	12,000	<25	400	940	<125	
02/16/98	33.28	14.63	18.65	--	--	9,600	1,000	<20	47	350	<100	
06/22/98	33.28	14.83	18.45	--	--	8,400	990	<50	<50	320	<250	
12/23/98	33.28	13.30	19.98	--	--	<50,000	14,000	1100	530	2,400	<2,500	
12/23/98 ¹	33.28	13.30	19.98	--	--	--	--	--	--	--	<40	
01/28/99 ²	33.28	13.33	19.95	--	--	14,700	2,080	216	208	1,580	<10	
06/23/99	33.28	13.42	19.86	--	--	41,500	13,400	570	820	3,380	<1,250	
12/23/99	33.28	12.54	20.74	--	--	51,000	14,800	2,150	1,240	4,520	<1,250	
06/28/00	NP	33.28	13.09	20.19	0.00	--	2,100 ³	1,600	26	140	470	76
12/27/00	33.28	11.91	21.37	0.00	--	34,900	13,000	1,100	940	3,270	<125	
06/15/01	33.28	12.29	20.99	0.00	--	16,000 ³	4,900	<50	400	590	<250	
12/14/01	33.28	11.83	21.45	0.00	--	20,000	6,600	36	500	670	79	
06/17/02	33.28	12.45	20.83	0.00	--	37,000	11,000	1,000	870	2,300	<25	
12/12/02	33.28	11.73	21.55	0.00	--	22,000	5,300	400	490	1,100	<25/<3.0 ⁷	
06/25/03 ⁸	33.28	12.31	20.97	0.00	--	31,000	9,200	840	860	2,600	<5	
12/04/03 ⁸	33.28	11.57	21.71	0.00	--	29,000	9,000	390	610	1,500	<5	
06/04/04 ⁸	33.28	12.28	21.00	0.00	--	7,400	2,200	9	27	23	<2	
12/28/04 ⁸	33.28	11.77	21.51	0.00	--	7,500	2,500	11	12	10	<3	
C-4												
06/13/90	31.42	8.69	22.73	--	--	440	47	47	3.0	61	--	
10/30/90	31.42	8.94	22.48	--	--	210	72	13	1.0	11	--	
01/04/91	31.42	8.78	22.64	--	--	--	--	--	--	--	--	
01/07/91	31.42	8.68	22.74	--	--	890	100	130	15	88	--	
01/11/91	31.42	8.61	22.81	--	--	--	--	--	--	--	--	
02/15/91	31.42	8.87	22.55	--	--	--	--	--	--	--	--	
05/02/91	31.42	8.88	22.54	--	--	330	140	11	2.0	9.0	--	
05/30/91	31.42	8.87	22.55	--	--	--	--	--	--	--	--	

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft)	SPHT (ft)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-4 (cont)											
06/13/91	31.42	--	--	--	--	--	--	--	--	--	--
07/12/91	31.42	--	--	--	--	--	--	--	--	--	--
08/07/91	31.42	--	--	--	--	1,500	400	79	13	61	--
09/24/91	31.42	--	--	--	--	--	--	--	--	--	--
10/18/91	31.20	8.23	22.97	--	--	--	--	--	--	--	--
11/05/91	31.20	8.30	22.90	--	--	310	130	11	2.6	6.8	--
01/06/92	31.20	8.36	22.84	--	--	--	--	--	--	--	--
01/16/92	31.20	8.45	22.75	--	--	--	--	--	--	--	--
01/22/92	31.20	8.39	22.81	--	--	--	--	--	--	--	--
01/28/92	31.20	8.43	22.77	--	--	--	--	--	--	--	--
02/04/92	31.20	8.48	22.72	--	--	300	100	26	2.4	14	--
02/14/92	31.20	8.62	22.58	--	--	--	--	--	--	--	--
02/21/92	31.20	8.60	22.60	--	--	--	--	--	--	--	--
02/25/92	31.20	8.70	22.50	--	--	--	--	--	--	--	--
03/06/92	31.20	--	--	--	--	--	--	--	--	--	--
03/19/92	31.20	9.45	21.75	--	--	--	--	--	--	--	--
05/06/92	31.20	9.38	21.82	--	--	200	26	<0.5	1.2	1.4	--
08/31/92	31.20	9.32	21.88	--	--	190	20	1.2	1.7	1.7	--
12/01/92	31.20	8.97	22.23	--	--	72	5.0	0.5	<0.5	1.3	--
03/15/93	33.85	12.47	33.85 21.38	--	--	84	2.1	0.9	<0.5	<1.5	--
06/08/93	33.85	13.30	20.55	--	--	74	1.0	<0.5	<0.5	0.5	--
09/07/93	33.85	13.00	20.85	--	--	<50	1.0	<0.5	<0.5	<0.5	--
03/09/94	33.85	12.69	21.16	--	--	<50	5.0	4.0	<0.5	4.0	--
06/17/94	33.85	12.77	21.08	--	--	120	4.3	18	2.8	43	--
09/13/94	33.85	11.95	21.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	33.85	11.94	21.91	--	--	--	--	--	--	--	--
11/29/94	33.85	12.25	21.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.85	13.47	20.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.85	14.47	19.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.85	13.88	19.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.85	12.71	21.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.85	13.27	20.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-4 (cont)											
06/20/96	33.85	14.25	19.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.85	13.65	20.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.85	13.34	20.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.85	14.15	19.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.85	13.89	19.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.85	13.51	20.34	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.85	15.47	18.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	33.85	13.88	19.97	--	--	--	--	--	--	--	--
06/23/99	33.85	13.55	20.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.85	12.56	21.29	--	--	--	--	--	--	--	--
06/28/00	33.85	13.38	20.47	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.85	12.00	21.85	0.00	--	--	--	--	--	--	--
06/15/01	33.85	12.60	21.25	0.00	--	<50	<0.50	0.89	<0.50	0.83	<2.5
12/14/01	33.85	12.14	21.71	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/17/02	33.85	12.74	21.11	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.85	12.05	21.80	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 ^R	33.85	12.60	21.25	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.85	11.85	22.00	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 ^R	33.85	12.59	21.26	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04	33.85	12.37	21.48	0.00	--	SAMPLED ANNUALLY		--	--	--	--
C-5											
10/30/90	31.25	9.14	22.11	--	--	20,000	2,500	3,300	320	2,200	--
01/04/91	31.25	--	22.55	0.31	--	--	--	--	--	--	--
01/07/91	31.25	9.26	22.36	0.04	--	--	--	--	--	--	--
01/11/91	31.25	--	23.08	0.73	--	--	--	--	--	--	--
02/15/91	31.25	--	24.70	2.74	--	--	--	--	--	--	--
05/02/91	31.25	--	22.02	2.00	--	--	--	--	--	--	--
05/30/91	31.25	--	24.78	2.70	--	--	--	--	--	--	--
06/13/91	31.25	--	24.70	2.77	--	--	--	--	--	--	--
07/12/91	31.25	--	25.10	2.72	--	--	--	--	--	--	--

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DFW (ft.)	SPHT (ft.)	SPH Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5 (cont)											
08/07/91	31.25	--	--	2.69	--	--	--	--	--	--	--
09/24/91	31.25	--	--	--	--	--	--	--	--	--	--
10/18/91	30.16	--	24.71	2.51	--	--	--	--	--	--	--
11/05/91	30.16	--	24.47	2.29	--	--	--	--	--	--	--
01/06/92	30.16	--	24.68	--	--	--	--	--	--	--	--
01/16/92	30.16	--	24.03	1.82	--	--	--	--	--	--	--
01/22/92	30.16	--	24.01	1.67	--	--	--	--	--	--	--
01/28/92	30.16	--	23.79	1.46	--	--	--	--	--	--	--
02/04/92	30.16	--	23.81	1.54	--	--	--	--	--	--	--
02/14/92	30.16	--	22.79	1.59	--	--	--	--	--	--	--
02/21/92	30.16	--	24.40	2.22	--	--	--	--	--	--	--
02/25/92	30.16	--	23.25	1.03	--	--	--	--	--	--	--
03/06/92	30.16	--	23.20	1.19	--	--	--	--	--	--	--
03/19/92	30.16	--	--	--	--	--	--	--	--	--	--
05/06/92	30.16	--	--	--	--	--	--	--	--	--	--
08/31/92	30.16	--	21.86	Sheen	--	--	--	--	--	--	--
12/01/92	30.16	--	22.24	Sheen	--	--	--	--	--	--	--
03/15/93	33.85	20.96	20.96	--	--	--	--	--	--	--	--
06/08/93	33.85	13.20	20.65	--	--	90,000	26,000	11,000	2,000	16,000	--
09/07/93	33.85	--	--	--	--	--	--	--	--	--	--
03/09/94	33.85	12.53	21.32	--	--	170,000	35,000	11,000	2,400	13,000	--
06/17/94	33.85	12.74	21.11	--	--	100,000	57,000	13,000	1,800	5,100	--
09/13/94	33.85	11.37	22.48	--	--	120,000	1,500	5,400	1,700	19,000	--
09/26/94	33.85	11.41	22.44	--	--	--	--	--	--	--	--
11/29/94	33.85	12.00	21.85	--	--	31,000	29	220	290	3,600	--
03/29/95	33.85	13.47	20.38	--	--	9,300	730	420	68	1,000	--
06/19/95	33.85	14.35	19.50	--	--	17,000	900	510	88	1,500	--
09/28/95	33.85	13.72	20.13	--	--	29,000	3,700	1,600	130	2,300	--
12/27/95	33.85	12.48	21.37	--	--	1,200	20	37	13	160	62
03/26/96	33.85	13.16	20.69	--	--	650	1.2	0.51	<0.5	19	<2.5
06/20/96	33.85	12.50	21.35	--	--	<50	<0.5	<0.5	<0.5	1.9	<2.5
09/30/96	33.85	13.35	20.50	--	--	<50	<0.5	<0.5	<0.5	1.0	<2.5

Groundwater Monitoring Data and Analytical Results.

Former Chevron Site Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-5 (cont)											
12/12/96	33.85	11.83	22.02	--	--	90	3.0	<0.5	<0.5	1.7	<2.5
03/31/97	33.85	13.85	20.00	--	--	290	2.3	<1.0	<1.0	3.7	<5.0
06/27/97	33.85	13.04	20.81	--	--	490	6.9	<1.0	<1.0	5.7	<5.0
12/18/97	33.85	13.51	20.34	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.85	15.12	18.73	--	--	680	88	10	<5.0	7.6	25
12/23/98	33.85	13.65	20.20	--	--	--	--	--	--	--	--
06/23/99	33.85	13.70	20.15	--	--	324	1.28	<0.5	<0.5	<0.5	<5.0
12/23/99	33.85	12.75	21.10	--	--	--	--	--	--	--	--
06/28/00	33.85	13.51	20.34	0.00	--	<100 ³	210	<1.0	1.6	2.8	19
12/27/00	33.85	12.35	21.50	0.00	--	--	--	--	--	--	--
06/15/01	33.85	12.76	21.09	0.00	--	120 ³	24	1.3	<0.50	1.3	<2.5
12/14/01	33.85	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
06/17/02	33.85	12.91	20.94	0.00	--	57	2.4	<0.50	<0.50	<1.5	<2.5
12/12/02	33.85	12.17	21.68	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 ^R	33.85	12.74	21.11	0.00	--	<50	1	<0.5	<0.5	<0.5	<0.5
12/04/03	33.85	12.00	21.85	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 ^R	33.85	12.77	21.08	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04	33.85	12.23	21.62	0.00	--	SAMPLED ANNUALLY		--	--	--	--
C-6											
05/02/91	30.41	8.57	21.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/30/91	30.41	--	--	--	--	--	--	--	--	--	--
07/12/91	30.41	7.55	22.86	--	--	--	--	--	--	--	--
08/07/91	30.41	--	--	--	--	--	--	--	--	--	--
09/24/91	30.41	8.53	21.88	--	--	--	--	--	--	--	--
10/18/91	30.41	8.23	22.18	--	--	--	--	--	--	--	--
11/05/91	30.41	8.27	22.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/92	30.41	8.32	22.09	--	--	--	--	--	--	--	--
01/16/92	30.41	8.37	22.04	--	--	--	--	--	--	--	--
01/22/92	30.41	8.37	22.04	--	--	--	--	--	--	--	--
01/28/92	30.41	8.42	21.99	--	--	--	--	--	--	--	--

Groundwater Monitoring Data for Many Years
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft)	SPHT (ft)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-6 (cont)											
02/04/92	30.41	8.47	21.94	--	--	<50	<0.5	<0.5	<0.5	0.6	--
02/14/92	30.41	8.54	21.87	--	--	--	--	--	--	--	--
02/21/92	30.41	8.58	21.83	--	--	--	--	--	--	--	--
02/25/92	30.41	8.70	21.71	--	--	--	--	--	--	--	--
03/06/92	30.41	8.88	21.53	--	--	--	--	--	--	--	--
03/19/92	30.41	9.49	20.92	--	--	--	--	--	--	--	--
05/06/92	30.41	9.39	21.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	30.41	9.27	21.14	--	--	80	<0.5	<0.5	<0.5	2.4	--
01/21/93	30.41	9.50	20.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/15/93	33.09	13.09	20.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/08/93	33.09	13.37	19.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/93	33.09	13.34	19.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	33.09	12.79	20.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	33.09	12.88	20.21	--	--	<50	1.1	<0.5	<0.5	0.6	--
09/13/94	33.09	12.20	20.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	33.09	12.15	20.94	--	--	--	--	--	--	--	--
11/29/94	33.09	12.61	20.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.09	13.97	19.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.09	14.55	18.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.09	14.03	19.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.09	12.89	20.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.09	13.32	19.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.09	14.19	18.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.09	13.62	19.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.09	13.37	19.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.09	14.21	18.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.09	13.83	19.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.09	13.62	19.47	--	--						
06/22/98	33.09	15.41	17.68	--	--						
12/23/98	33.09	13.99	19.10	--	--						
06/23/99	33.09	14.51	18.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.09	13.48	19.61	--	--	--	--	--	--	--	--

SAMPLED ANNUALLY

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft)	SPHT (ft)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-C (ppb)					
C-6 (cont)											
06/28/00 ^d	33.09	14.27	18.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.09	13.06	20.03	0.00	--	--	--	--	--	--	--
06/15/01	33.09	13.40	19.69	0.00	--	<50	<0.50	0.79	<0.50	1.0	<2.5
12/14/01	33.09	12.99	20.10	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/17/02	33.09	13.60	19.49	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.09	12.81	20.28	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 ^R	33.09	13.51	19.58	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.09	12.75	20.34	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 ^R	33.09	13.48	19.61	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04	33.09	13.23	19.86	0.00	--	SAMPLED ANNUALLY		--	--	--	--
C-7											
05/02/91	30.56	8.75	21.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/30/91	30.56	--	--	--	--	--	--	--	--	--	--
07/12/91	30.56	8.41	22.15	--	--	--	--	--	--	--	--
08/07/91	30.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/91	30.56	9.03	21.53	--	--	--	--	--	--	--	--
10/18/91	30.56	8.49	22.07	--	--	--	--	--	--	--	--
11/05/91	30.56	8.55	22.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/92	30.56	8.53	22.03	--	--	--	--	--	--	--	--
01/16/92	30.56	8.58	21.98	--	--	--	--	--	--	--	--
01/22/92	30.56	8.51	22.05	--	--	--	--	--	--	--	--
01/28/92	30.56	8.55	22.01	--	--	--	--	--	--	--	--
02/14/92	30.56	8.62	21.94	--	--	--	--	--	--	--	--
02/21/92	30.56	8.62	21.94	--	--	--	--	--	--	--	--
02/25/92	30.56	8.74	21.82	--	--	--	--	--	--	--	--
03/06/92	30.56	8.91	21.65	--	--	--	--	--	--	--	--
03/19/92	30.56	9.64	20.92	--	--	--	--	--	--	--	--
05/06/92	30.56	9.35	21.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	30.56	9.17	21.39	--	--	<50	<0.5	0.7	<0.5	0.9	--
12/01/92	30.56	8.77	21.79	--	--	<50	<0.5	<0.5	<0.5	0.9	--

Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-7 (cont)												
03/15/93	33.06	12.12	20.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
06/08/93	33.06	13.07	19.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/07/93	33.06	13.06	20.00	--	--	2800	63	36	41	40	40	--
03/09/94	33.06	12.36	20.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/17/94	33.06	12.47	20.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	--
09/13/94	33.06	11.83	21.23	--	--	65	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/26/94	33.06	11.84	21.22	--	--	--	--	--	--	--	--	--
11/29/94	33.06	13.28	19.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.06	13.67	19.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.06	14.13	18.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.06	13.54	19.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.06	10.38	22.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.06	12.81	20.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.06	13.71	19.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.06	13.20	19.86	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.06	12.75	20.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.06	13.62	19.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.06	12.34	20.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.06	13.06	20.00	--	--	SAMPLED ANNUALLY		--	--	--	--	--
06/22/98	33.06	14.83	18.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	33.06	13.39	19.67	--	--	--	--	--	--	--	--	--
06/23/99	33.06	13.81	19.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
12/23/99	33.06	12.92	20.14	--	--	--	--	--	--	--	--	--
06/28/00	33.06	13.63	19.43	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.06	12.47	20.59	0.00	--	--	--	--	--	--	--	--
06/15/01	33.06	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--	--
12/14/01	33.06	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--	--
06/17/02	33.06	13.07	19.99	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	33.06	12.32	20.74	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--
06/25/03 ^R	33.06	12.91	20.15	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<0.5

Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-7 (cont)											
12/04/03	33.06	12.19	20.87	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
06/04/04*	33.06	12.94	20.12	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04	33.06	12.48	20.58	0.00	--	SAMPLED ANNUALLY	--	--	--	--	--
C-8											
05/02/91	30.12	8.88	21.24	--	--	5,000	<0.5	17	140	470	--
05/30/91	30.12	--	--	--	--	--	--	--	--	--	--
07/12/91	30.12	--	--	--	--	--	--	--	--	--	--
08/07/91	30.12	--	--	--	--	6,300	<0.5	28	100	120	--
09/24/91	30.12	8.79	21.33	--	--	--	--	--	--	--	--
10/18/91	30.12	8.36	21.76	--	--	--	--	--	--	--	--
11/05/91	30.12	8.42	21.70	--	--	5,100	<0.5	20	92	74	--
01/06/92	30.12	8.39	21.73	--	--	--	--	--	--	--	--
01/16/92	30.12	8.49	21.63	--	--	--	--	--	--	--	--
01/22/92	30.12	8.42	21.70	--	--	--	--	--	--	--	--
01/28/92	30.12	8.47	21.65	--	--	--	--	--	--	--	--
02/04/92	30.12	8.50	21.62	--	--	5,300	<2.5	2.5	97	61	--
02/14/92	30.12	8.59	21.53	--	--	--	--	--	--	--	--
02/21/92	30.12	8.61	21.51	--	--	--	--	--	--	--	--
02/25/92	30.12	8.73	21.39	--	--	--	--	--	--	--	--
03/06/92	30.12	8.91	21.21	--	--	--	--	--	--	--	--
03/19/92	30.12	9.55	20.57	--	--	--	--	--	--	--	--
05/06/92	30.12	9.35	20.77	--	--	3,700	<0.5	29	110	130	--
08/31/92	30.12	9.21	20.91	--	--	1,100	1.3	2.0	31	48	--
12/01/92	30.12	8.95	21.17	--	--	3,400	<0.5	19	140	290	--
03/15/93	32.77	13.01	19.76	--	--	4,200	<0.5	20	54	33	--
06/08/93	32.77	13.39	19.38	--	--	3,700	53	6.0	74	120	--
09/07/93	32.77	13.39	19.38	--	--	2,900	70	46	39	55	--
03/09/94	32.77	12.65	20.12	--	--	3,400	<0.5	6.0	46	66	--
06/17/94	32.77	12.75	20.02	--	--	4,200	1.0	39	75	86	--
09/13/94	32.77	12.18	20.59	--	--	3,800	<0.5	10	63	79	--

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-8 (cont)											
09/26/94	32.77	12.17	20.60	--	--	--	--	--	--	--	--
11/29/94	32.77	12.61	20.16	--	--	5,300	<10	40	37	39	--
03/29/95	32.77	14.18	18.59	--	--	7,300	<5.0	<5.0	38	67	--
06/19/95	32.77	13.42	19.35	--	--	5,700	37	<10	<10	<10	--
09/28/95	32.77	13.75	19.02	--	--	12,000	<10	<10	<10	85	--
12/27/95	32.77	12.77	20.00	--	--	8,200	<50	<50	<50	92	390
03/26/96	32.77	13.19	19.58	--	--	4,500	<10	<10	10	<10	<50
06/20/96	32.77	13.97	18.80	--	--	4,900	<5.0	7.8	6.6	<5.0	<25
09/30/96	32.77	13.43	19.34	--	--	3,900	39	6.5	<5.0	5.9	<25
12/12/96	32.77	13.07	19.70	--	--	3,500	58	51	22	48	<50
03/31/97	32.77	13.87	18.90	--	--	5,000	9.9	28	21	440	<25
06/27/97	32.77	12.01	20.76	--	--	3,600	<2.5	16	15	5.4	<12
12/18/97	32.77	11.97	20.80	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	32.77	15.18	17.59	--	--	890	4.5	5.0	<2.5	<2.5	<12
12/23/98	32.77	13.73	19.04	--	--	--	--	--	--	--	--
06/23/99	32.77	14.20	18.57	--	--	2,010	7.45	5.6	<2.5	<2.5	<25
12/23/99	32.77	13.20	19.57	--	--	--	--	--	--	--	--
06/28/00	32.77	13.87	18.90	0.00	--	1,500 ³	4.1	17	8.6	18	5.4
12/27/00	32.77	12.73	20.04	0.00	--	--	--	--	--	--	--
06/15/01	32.77	13.09	19.68	0.00	--	1,400 ⁶	9.2	9.3	12	22	<25
12/14/01	32.77	12.64	20.13	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/17/02	32.77	13.31	19.46	0.00	--	2,300	2.6	1.8	2.2	<7.5	<2.5
12/12/02	32.77	12.44	20.33	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 ⁸	32.77	13.16	19.61	0.00	--	380	<0.5	150	<0.5	<0.5	<0.5
12/04/03	32.77	12.49	20.28	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 ⁸	32.77	13.15	19.62	0.00	--	220	<0.5	0.5	<0.5	<0.5	<0.5
12/28/04	32.77	12.90	19.87	0.00	--	SAMPLED ANNUALLY		--	--	--	--

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	FOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)						
C-9											
05/02/91	30.15	8.88	21.27	--	--	<50	<0.5	<0.5	<0.5	0.8	--
05/30/91	30.15	--	--	--	--	--	--	--	--	--	--
07/12/91	30.15	8.58	21.57	--	--	--	--	--	--	--	--
08/07/91	30.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/07/91	30.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/91	30.15	9.05	21.10	--	--	--	--	--	--	--	--
10/18/91	30.15	8.48	21.67	--	--	--	--	--	--	--	--
11/05/91	30.15	8.50	21.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/05/91	30.15	8.50	21.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/92	30.15	8.50	21.65	--	--	--	--	--	--	--	--
01/16/92	30.15	8.57	21.58	--	--	--	--	--	--	--	--
01/22/92	30.15	8.50	21.65	--	--	--	--	--	--	--	--
01/28/92	30.15	8.52	21.63	--	--	--	--	--	--	--	--
02/04/92	30.15	8.57	21.58	--	--	<50	<0.5	0.7	<0.5	0.7	--
02/04/92	30.15	8.57	21.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/14/92	30.15	8.61	21.54	--	--	--	--	--	--	--	--
02/21/92	30.15	8.63	21.52	--	--	--	--	--	--	--	--
02/25/92	30.15	8.76	21.39	--	--	--	--	--	--	--	--
03/06/92	30.15	8.94	21.21	--	--	--	--	--	--	--	--
03/19/92	30.15	9.68	20.47	--	--	--	--	--	--	<0.5	--
05/06/92	30.15	9.34	20.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	30.15	9.18	20.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/01/92	30.15	8.88	21.27	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
03/15/93	32.70	12.28	20.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/08/93	32.70	13.27	19.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/93	32.70	13.30	19.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	32.70	12.46	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	32.70	12.57	20.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/94	32.70	12.02	20.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/26/94	32.70	12.03	20.67	--	--	--	--	--	--	--	--
11/29/94	32.70	12.46	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	32.70	14.00	18.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4816
301 14th Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)	
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-9 (cont)												
06/19/95	32.70	14.22	18.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
09/28/95	32.70	--	--	--	--	--	--	--	--	--	--	
12/27/95	32.70	--	--	--	--	--	--	--	--	--	--	
03/26/96	32.70	12.97	19.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
06/20/96	32.70	13.75	18.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
09/30/96	32.70	13.22	19.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
12/12/96	32.70	12.85	19.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
03/31/97	32.70	13.76	18.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
06/27/97	32.70	13.29	19.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
12/18/97	32.70	12.93	19.77	--	--	SAMPLED ANNUALLY		--	--	--	--	
06/22/98	32.70	14.85	17.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
12/23/98	32.70	13.41	19.29	--	--	--	--	--	--	--	--	
06/23/99	32.70	14.02	18.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
12/23/99	32.70	12.93	19.77	--	--	--	--	--	--	--	--	
06/28/00	32.70	13.62	19.08	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
12/27/00	32.70	12.51	20.19	0.00	--	--	--	--	--	--	--	
06/15/01	32.70	12.91	19.79	0.00	--	<50	<0.50	1.4	<0.50	0.95	<2.5	
12/14/01	32.70	12.47	20.23	0.00	--	SAMPLED ANNUALLY		--	--	--	--	
06/17/02	32.70	12.79	19.91	0.00	--	<50	<0.50	0.52	<0.50	<1.5	<2.5	
12/12/02	32.70	INACCESSIBLE - COVERED BY DUMPSTER				--	--	--	--	--	--	--
06/25/03 ⁸	32.70	12.97	19.73	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
12/04/03	32.70	12.26	20.44	0.00	--	SAMPLED ANNUALLY		--	--	--	--	
06/04/04 ⁸	32.70	12.96	19.74	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
12/28/04	32.70	12.74	19.96	0.00	--	SAMPLED ANNUALLY		--	--	--	--	
MW-10												
01/21/93	31.59	10.32	21.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
03/15/93	31.59	12.18	21.10	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	
06/08/93	33.28	13.33	19.95	--	--	<50	<0.5	<0.5	<0.5	1.0	--	
09/07/93	33.28	13.35	19.93	--	--	<250	<2.5	<2.5	<2.5	<2.5	--	
03/09/94	33.28	12.77	20.51	--	--	<50	1.0	0.5	<0.5	0.9	--	

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	SPH		B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
					Removed (<i>gallons</i>)	TPH-G (<i>ppb</i>)					
MW-10 (cont)											
06/17/94	33.28	12.86	20.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/94	33.28	12.19	21.09	--	--	<50	2.1	0.7	<0.5	1.1	--
09/26/94	33.28	12.18	21.10	--	--	--	--	--	--	--	--
11/29/94	33.28	12.54	20.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	33.28	13.88	19.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	33.28	14.56	18.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	33.28	14.00	19.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	33.28	13.03	20.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	33.28	13.52	19.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	33.28	14.30	18.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	33.28	13.73	19.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/96	33.28	13.46	19.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.28	14.38	18.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	33.28	14.07	19.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	33.28	13.70	19.58	--	--	SAMPLED ANNUALLY		--	--	--	--
06/22/98	33.28	15.79	17.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/99	33.28	INACCESSIBLE		--	--	--	--	--	--	--	--
12/23/99	33.28	13.71	19.57	--	--	--	--	--	--	--	--
06/28/00	33.28	14.63	18.65	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/27/00	33.28	13.40	19.88	0.00	--	--	--	--	--	--	--
06/15/01	33.28	13.76	19.52	0.00	--	<50	<0.50	1.0	<0.50	1.1	<2.5
12/14/01	33.28	13.30	19.98	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/17/02	33.28	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
12/12/02	33.28	12.23	21.05	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/25/03 ⁸	33.28	13.86	19.42	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03	33.28	13.05	20.23	0.00	--	SAMPLED ANNUALLY		--	--	--	--
06/04/04 ⁸	33.28	13.79	19.49	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04	33.28	13.55	19.73	0.00	--	SAMPLED ANNUALLY		--	--	--	--

Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-11												
05/06/94	33.02	--	--	--	--	<50	1.4	<0.5	<0.5	0.6	--	--
05/16/94	33.02	12.44	20.58	--	--	--	--	--	--	--	--	--
09/13/94	33.02	--	--	--	--	--	--	--	--	--	--	--
09/26/94	33.02	11.93	21.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/94	33.02	12.20	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/95	33.02	13.62	19.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/19/95	33.02	14.10	18.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	33.02	13.55	19.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/27/95	33.02	12.52	20.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/26/96	33.02	12.84	20.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/20/96	33.02	13.76	19.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/30/96	33.02	13.54	19.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/12/96	33.02	12.78	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	33.02	13.66	19.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/27/97	33.02	13.51	19.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/18/97	33.02	13.02	20.00	--	--	SAMPLED ANNUALLY		--	--	--	--	--
06/22/98	33.02	14.87	18.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/23/99	33.02	13.82	19.20	--	--	UNABLE TO SAMPLE		--	--	--	--	--
12/23/99	33.02	12.96	20.06	--	--	--	--	--	--	--	--	--
06/28/00	33.02	13.64	19.38	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/27/00	33.02	12.52	20.50	0.00	--	--	--	--	--	--	--	--
06/15/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--	--	--
12/14/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--	--	--
06/17/02	33.02	13.11	19.91	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/12/02	33.02	12.41	20.61	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--
06/25/03 ⁸	33.02	12.94	20.08	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/03	33.02	12.19	20.83	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--
06/04/04 ⁸	33.02	12.97	20.05	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/28/04	33.02	12.63	20.39	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (<i>ft</i>)	GWE (<i>msl</i>)	DTW (<i>ft</i>)	SPHT (<i>ft</i>)	SPH		B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
					Removed (<i>gallons</i>)	TPH-G (<i>ppb</i>)					
MW-12											
05/06/94	33.90	--	--	--	--	160,000	69,000	16,000	1,900	7,600	--
05/16/94	33.90	12.63	21.27	--	--	--	--	--	--	--	--
09/13/94	33.90	--	--	--	--	--	--	--	--	--	--
09/26/94	33.90	--	--	--	--	--	--	--	--	--	--
11/29/94	33.90	12.80	21.10	--	--	41,000	9,100	3,500	520	1,500	--
03/29/95	33.90	14.30	19.60	--	--	16,000	4,000	1,000	230	840	--
06/19/95	33.90	15.07	18.83	--	--	76,000	26,000	4,200	1,300	3,400	--
09/28/95	33.90	14.11	19.79	--	--	53,000	26,000	720	820	590	--
12/27/95	33.90	13.25	20.65	--	--	4,800	150	130	29	910	<2.5
03/26/96	33.90	13.89	20.01	--	--	89	0.86	<0.5	<0.5	9.3	<2.5
06/20/96	33.90	14.12	19.78	--	--	<50	<0.5	<0.5	<0.5	0.86	<2.5
09/30/96	33.90	13.63	20.27	--	--	<50	0.52	<0.5	<0.5	<0.5	<2.5
12/12/96	33.90	13.40	20.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	33.90	14.71	19.19	--	--	230	0.85	<0.5	0.99	1.4	<2.5
06/27/97	33.90	14.03	19.87	--	--	96	1.2	<0.5	<0.5	<0.5	<2.5
ABANDONED											
CR-1											
10/30/90	30.17	--	23.81	2.50	--	--	--	--	--	--	--
01/04/91	30.17	--	24.08	2.70	--	--	--	--	--	--	--
01/07/91	30.17	--	23.30	3.00	--	--	--	--	--	--	--
01/11/91	30.17	--	24.24	2.64	--	--	--	--	--	--	--
02/15/91	30.17	--	24.72	2.92	--	--	--	--	--	--	--
05/02/91	30.17	--	--	--	--	--	--	--	--	--	--
05/30/91	30.17	--	23.07	2.42	--	--	--	--	--	--	--
06/13/91	30.17	--	--	--	--	--	--	--	--	--	--
07/12/91	30.17	--	--	--	--	--	--	--	--	--	--
08/07/91	30.17	--	--	2.69	--	--	--	--	--	--	--
09/24/91	30.17	--	--	--	--	--	--	--	--	--	--
10/18/91	30.17	--	23.75	2.50	--	--	--	--	--	--	--
11/05/91	30.17	--	23.64	2.43	--	--	--	--	--	--	--

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (<i>fl.</i>)	GWE (<i>msl</i>)	DTW (<i>fl.</i>)	SPHT (<i>fl.</i>)	SPH Removed (<i>gallons</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
CR-1 (cont)											
01/06/92	30.17	--	23.57	--	--	--	--	--	--	--	--
01/16/92	30.17	--	23.41	2.30	--	--	--	--	--	--	--
01/22/92	30.17	--	23.44	2.24	--	--	--	--	--	--	--
01/28/92	30.17	--	23.40	2.29	--	--	--	--	--	--	--
02/14/92	30.17	--	23.31	2.34	--	--	--	--	--	--	--
02/21/92	30.17	--	24.10	3.19	--	--	--	--	--	--	--
02/25/92	30.17	--	23.15	1.03	--	--	--	--	--	--	--
03/06/92	30.17	--	--	--	--	--	--	--	--	--	--
03/19/92	30.17	--	--	--	--	--	--	--	--	--	--
05/06/92	30.17	--	--	--	--	--	--	--	--	--	--
08/31/92	30.17	--	21.84	0.41	--	--	--	--	--	--	--
12/01/92	30.17	--	22.06	0.21	--	--	--	--	--	--	--
03/15/93	33.40	--	20.34	--	--	410,000	28,000	42,000	5,200	37,000	--
06/08/93	33.40	13.33	20.07	--	--	85,000	10,000	21,000	3,200	20,000	--
09/07/93	33.40	13.33	20.07	--	--	180,000	50,000	48,000	5,100	33,000	--
03/09/94	33.40	12.73	20.67	--	--	94,000	18,000	20,000	2,500	19,000	--
06/17/94	33.40	13.75	19.65	--	--	26,000	2,400	3,600	480	6,100	--
09/13/94	33.40	INACCESSIBLE	--	--	--	--	--	--	--	--	--
09/26/94	33.40	--	--	--	--	--	--	--	--	--	--
11/29/94	33.40	8.56	24.90	0.08	0.264	--	--	--	--	--	--
12/20/94	33.40	12.49	21.62	0.89	2.000	--	--	--	--	--	--
12/28/94	33.40	12.58	21.29	0.59	0.500	--	--	--	--	--	--
01/03/95	33.40	12.62	21.12	0.42	0.800	--	--	--	--	--	--
01/10/95	33.40	12.96	20.74	0.38	0.500	--	--	--	--	--	--
01/17/95	33.40	13.02	20.45	0.09	--	--	--	--	--	--	--
01/23/95	33.40	14.00	19.40	--	--	--	--	--	--	--	--
02/07/95	33.40	13.53	19.91	0.05	0.300	--	--	--	--	--	--
02/22/95	33.40	13.78	19.62	--	--	--	--	--	--	--	--
03/07/95	33.40	13.68	19.72	--	--	--	--	--	--	--	--
03/29/95	33.40	10.22	23.32	0.17	0.026	--	--	--	--	--	--
03/30/95	33.40	7.39	26.01	--	--	--	--	--	--	--	--
04/10/95	33.40	14.01	19.39	--	--	--	--	--	--	--	--

Groundwater Monitoring Data and Analytical Results

Former Chevron Site Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
CR-1 (cont)											
05/07/95	33.40	14.37	19.03	--	--	--	--	--	--	--	--
05/09/95	33.40	14.25	19.15	--	--	--	--	--	--	--	--
05/12/95	33.40	14.28	19.12	--	--	--	--	--	--	--	--
05/18/95	33.40	14.41	19.03	0.05	0.264	--	--	--	--	--	--
05/26/95	33.40	14.35	19.05	--	--	--	--	--	--	--	--
06/08/95	33.40	14.24	19.16	--	--	--	--	--	--	--	--
06/16/95	33.40	14.48	18.94	0.02	0.021	--	--	--	--	--	--
06/19/95	33.40	14.46	18.95	0.01	0.010	--	--	--	--	--	--
06/29/95	33.40	14.50	18.90	--	--	--	--	--	--	--	--
07/06/95	33.40	14.72	18.68	--	--	--	--	--	--	--	--
07/12/95	33.40	14.69	18.71	--	--	--	--	--	--	--	--
07/22/95	33.40	13.85	19.56	0.01	0.010	--	--	--	--	--	--
07/27/95	33.40	14.17	19.23	--	--	--	--	--	--	--	--
08/02/95	33.40	13.42	20.00	0.02	0.010	--	--	--	--	--	--
09/28/95	33.40	13.64	19.76	--	--	70,000	12,000	10,000	910	5,300	--
12/27/95	33.40	12.63	20.79	0.02	--	--	--	--	--	--	--
03/26/96	33.40	12.05	21.35	--	--	15,000	280	650	130	1,700	<125
06/20/96	33.40	12.98	20.42	--	--	9,900	570	1,000	230	2,300	60
09/30/96	33.40	12.46	20.94	--	--	3,600	200	180	52	480	<50
12/12/96	33.40	12.79	20.61	--	--	21,000	850	1,400	500	4,200	<125
03/31/97	33.40	13.81	19.59	--	--	9,100	300	120	220	1,200	<50
06/27/97	33.40	12.70	20.70	--	--	12,000	260	330	210	1,500	<125
12/18/97	33.40	12.97	20.43	--	--	7,500	210	63	110	600	<125
03/31/97	33.40	13.81	19.59	--	--	9,100	300	120	220	1,200	<50
06/27/97	33.40	12.70	20.70	--	--	12,000	260	330	210	1,500	<125
12/18/97	33.40	12.97	20.43	--	--	7,500	210	63	110	600	<125
02/16/98	33.40	14.95	18.45	--	--	5,900	58	25	58	770	<100
06/22/98	33.40	14.85	18.55	--	--	17,000	410	260	400	1,500	1,800
12/23/98	33.40	13.26	20.14	--	--	2,900	210	16	94	380	≥25
12/23/98 ¹	33.40	13.26	20.14	--	--	--	--	--	--	--	<2.0
01/28/99 ²	33.40	13.30	20.10	--	--	4,290	168	33.5	178	412	18.9
06/23/99	33.40	13.36	20.04	--	--	5,840	636	12.4	101	580	<100

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID/ DATE	TOC (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
					Removed (gallons)	TPH-G (ppb)						
CR-1 (cont)												
12/23/99	33.40	12.31	21.09	--	--	20,900	356	<25	175	555	<125	
06/28/00	NP	33.40	13.12	20.28	0.00	--	750 ³	49	<2.5	53	<2.5	<13
12/27/00		33.40	11.92	21.48	0.00	--	2,720	533	17.1	87.5	167	<12.5
06/15/01		33.40	12.32	21.08	0.00	--	210 ³	7.3	2.0	1.3	3.0	5.2
12/14/01		33.40	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--	--	--
06/17/02		33.40	12.48	20.92	0.00	--	1,600	290	3.5	25	45	<2.5
12/12/02		33.40	11.72	21.68	0.00	--	1,300	120	<2.0	15	44	<2.5/<2 ⁷
06/25/03		33.40	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--	--	--
12/04/03 ^B		33.40	11.59	21.81	0.00	--	850	210	3	5	7	<0.5
06/04/04 ^B		33.40	12.34	21.06	0.00	--	87	9	<0.5	<0.5	<0.5	<0.5
12/28/04 ^B		33.40	11.86	21.54	0.00	--	66	5	<0.5	<0.5	1	<0.5
VEW-3												
12/20/94	--	--	20.43	--	--	--	--	--	--	--	--	--
12/28/94	--	--	21.73	1.32	2.000	--	--	--	--	--	--	--
01/03/95	--	--	21.07	0.50	1.500	--	--	--	--	--	--	--
01/10/95	--	--	20.55	0.27	0.300	--	--	--	--	--	--	--
01/17/95	--	--	20.21	0.26	0.300	--	--	--	--	--	--	--
01/23/95	--	--	20.10	--	--	--	--	--	--	--	--	--
02/07/95	--	--	19.92	0.23	0.300	--	--	--	--	--	--	--
02/22/95	--	--	19.59	0.16	0.100	--	--	--	--	--	--	--
03/07/95	--	--	19.47	0.12	0.100	--	--	--	--	--	--	--
03/30/95	--	--	19.85	--	--	--	--	--	--	--	--	--
04/10/95	--	--	19.31	0.07	0.100	--	--	--	--	--	--	--
05/07/95	--	--	19.00	0.07	0.317	--	--	--	--	--	--	--
05/09/95	--	--	19.04	0.04	0.005	--	--	--	--	--	--	--
05/12/95	--	--	18.80	0.04	0.008	--	--	--	--	--	--	--
05/18/95	--	--	19.27	0.04	0.264	--	--	--	--	--	--	--
05/26/95	--	--	19.02	0.02	0.005	--	--	--	--	--	--	--
06/08/95	--	--	18.94	0.05	0.040	--	--	--	--	--	--	--
06/16/95	--	--	19.00	0.04	0.021	--	--	--	--	--	--	--

Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (fl.)	SPHT (fl.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
VEW-3 (cont)											
06/19/95	--	--	19.00	0.02	0.010	--	--	--	--	--	--
06/29/95	--	--	19.03	--	--	--	--	--	--	--	--
07/06/95	--	--	18.81	--	--	--	--	--	--	--	--
07/12/95	--	--	19.12	0.01	0.026	--	--	--	--	--	--
07/22/95	--	--	19.09	--	--	--	--	--	--	--	--
07/27/95	--	--	19.10	--	--	--	--	--	--	--	--
08/02/95	--	--	19.99	0.02	0.020	--	--	--	--	--	--
09/28/95	--	--	19.38	--	--	--	--	--	--	--	--
12/27/95	--	--	20.74	0.02	--	--	--	--	--	--	--
03/26/96	--	--	21.04	--	--	--	--	--	--	--	--
06/20/96	--	--	20.32	--	--	--	--	--	--	--	--
09/30/96	--	--	20.87	--	--	--	--	--	--	--	--
12/12/96	--	--	20.18	--	--	--	--	--	--	--	--
03/31/97	--	--	19.38	--	--	--	--	--	--	--	--
06/27/97	--	--	--	--	--	--	--	--	--	--	--
ABANDONED											
TRIP BLANK											
05/02/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/07/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/05/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/04/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/06/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/31/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/15/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-4816
 301 14th Street
 Oakland, California

WELL ID/ DATE	TOC (<i>fl</i>)	GWE (<i>msl</i>)	DTW (<i>fl</i>)	SPHT (<i>fl</i>)	SPH		B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
					Removed (<i>gallons</i>)	TPH-G (<i>ppb</i>)					
TRIP BLANK (cont)											
09/26/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/29/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/19/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/27/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/12/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/27/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	1.6	<2.5
02/16/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/22/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/28/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
12/23/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	0.92	<2.5
12/27/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
06/15/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
12/14/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/17/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/25/03 ⁸	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/04/03 ⁸	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/04/04 ⁸	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/04 ⁸	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Groundwater Monitoring Data and Analytical Results
Former Chevron Storage Station #9-4816
301 14th Street
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per Billion

NP = No Purge

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

1 Confirmation run.

2 Resampled.

3 Laboratory report indicates gasoline C6-C12.

4 Laboratory report indicates sample was originally analyzed within EPA recommended holding time at a dilution. Sample was re-analyzed outside holding time and reported.

5 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

6 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.

7 MTBE by EPA Method 8260.

8 BTEX and MTBE by EPA Method 8260.

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
C-1	12/12/02	<500	<100	<2	<2	<2	<2	<2	<2
	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/28/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-2	12/12/02	<500	<100	<2	<2	<2	<2	<2	<2
	06/25/03	<50	<5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	<50	<5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/28/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	12/12/02	<500	<100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	06/25/03	<500	<50	<5	<5	<5	<5	<5	<5
	12/04/03	<500	<50	<5	<5	<5	<5	<5	<5
	06/04/04	<200	<20	<2	<2	<2	<2	<2	<2
	12/28/04	<250	<25	<3	<3	<3	<3	<3	<3
C-4	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4816

301 14th Street

Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
C-7	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-8	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	39	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-9	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-11	06/25/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/04/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CR-1	12/12/02	<500	<100	<2	<2	<2	<2	<2	<2
	06/25/03	INACCESSIBLE - CAR PARKED OVER WELL							
	12/04/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/04/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/28/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/04/90	Boring No:
	Client: Chevron USA #4816		C-1
	Location: 301 14th Street		Sheet 1
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Drilling method: Hollow Stem Auger	(See Well Construction Detail)
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Hole diameter: 8-Inches	Top of Box Elevation: 30.82	Datum: MSL
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PTD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level	23.0'	24.7'	22.5'	22.0'
								Time	09:30	09:45	10:10	10:40
								Date	06/04/90	06/04/90	06/04/90	06/04/90

Description												
				1				PAVEMENT SECTION - 4 inches				
				2				SAND (SP) - yellow brown (10YR 5/6), loose, dry; 95% fine sand; 5% fines; no chemical odor.				
				3								
0	500	S&H	C-1-	4	█			very dense; no chemical odor.				
	6"	push	4.0	5								
				6								
				7								
	4	S&H		8	█			dense; no chemical odor.				
0	7		C-1-	9	█							
	14		9.0	10								
				11								
				12								
				13								
	10	S&H		14	█			COLOR CHANGE to grey (7.5YR 5/0) at 13.5 - 15.0 feet.				
0	13		C-1-	15	█			wet; no chemical odor.				
	20		15.0	16				chemical odor in cuttings at 16.0 feet.				
				17								
				18				"soft" at 18.0 feet.				
	11	S&H		19	█			COLOR CHANGE to grey (5Y 4/1) at 19.0 feet.				
132	22		C-1-	20	█			moderate to strong chemical odor.				
	36		20.0									

Remarks:



GeoStrategies Inc.

Log of Boring

BORING NO.

C-1

JOB NUMBER
7270

REVIEWED BY RG/CEG
CWP 06/2002

DATE
06/90

REVISED DATE

REVISED DATE

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/04/90	Boring No:
	Client: Chevron USA #4816		C-1
	Location: 301 14th Street		Sheet 2
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation:	Datum:
Hole diameter: 8-Inches	Water Level	
	Time	
	Date	

PID (ppm)	Blow/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23				
	8	S&H		24				saturated; weak chemical odor.
	20		C-1-	25				
76	30		25.0	25				
				26				
				27				
				28				
	13			29				very dense, saturated; slight H ₂ S odor.
	26	S&H	C-1-	30				
59	40		30.0	30				
				31				
				32				
				33				
	6	S&H		34				SILT (ML) - greyish brown (2.5Y 5/2), stiff, moist; 100% silt; no chemical odor.
	7		C-1-	35				
0	9		35.0	35				
				36				Bottom of boring at 35.0 feet.
				37				Bottom of sample at 35.0 feet.
				38				06/04/90
				39				
				40				

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-2
	Location: 301 14th Street		
	City: Oakland, California		Sheet 1
	Logged by: RSY	Driller: Bayland	of 2

Drilling method: Hollow Stem Auger	(See Well Construction Detail)
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Hole diameter: 8-Inches	Top of Box Elevation: 30.91	Datum:
Water Level: 22.5		
Time: 09:25		
Date: 06/05/90		

PHD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 2.0 feet
				2				
				3				
2	250 500	S&H push	C-2- 4.0	4				CLAYEY SAND (SC) - yellow brown (10YR 5/6), medium dense, moist; 85% fine sand; 15% clay; clay laminae; voids with oxidation stains. clay content decreases at 4.0 feet to 10%.
				5				
				6				
				7				
				8				
	9	S&H		9				
	15		C-2-	10				SAND with CLAY (SP-SC) - dark yellow brown (10YR 4/6), dense, moist; 10% clay; trace well rounded gravel; no chemical odor.
4	18		10.0	10				
				11				
				12				
				13				
	10	S&H		14				no chemical odor.
	15		C-2-	15				
40	24		15.0	15				
				16				
				17				
				18				
	10	S&H		19				COLOR CHANGE to olive (5Y 4/3) at 19.0 feet. strong chemical odor.
	20		C-2-	20				
240	29		20.0	20				

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-2
	Location: 3100 14th Street		Sheet 2
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	
Casing installation date:			

Drilling method: Hollow Stem Auger	Top of Box Elevation:	Datum:
Hole diameter: 8-Inches		

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level	Time	Date	Description
	12	S&H		21							
	22		C-2-	22							very dense, saturated; strong chemical odor.
370	36		22.5	23							
				24							
				25							
				26							
				27							
				28							
	3	S&H		29							
	19		C-2-	30							COLOR CHANGE to dark yellow brown (10YR 4/4) at 28.5 feet.
37	29		30.0	31							dense; no chemical odor.
				32							
				33							
	4	S&H		34							SILTY (ML) - olive (5Y 5/3), very stiff, moist, low plasticity; trace coarse sand and fine gravels; trace roots; no chemical odor.
	9		C-2-	35							
0	13		35.0	36							
				37							Bottom of boring at 35.0 feet.
				38							Bottom of sample at 35.0 feet.
				39							06/05/90
				40							

Remarks:

Field location of boring: (See Plate 2)

Project No.: 7270 Date: 06/04/90 Boring No: C-3

Client: Chevron USA #4816

Location: 301 14th Street

City: Oakland, California

Logged by: RSY Driller: Bayland Sheet 1 of 2

Casing installation data: (See Well Construction Detail)

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation: 31.02 Datum: MSL

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level		Description	
								Time	Date	24.0	22.0
				1						PAVEMENT SECTION - 1.5 feet	
				2							
				3							
	450	S&H		4							
	500	push	C-3-								
0	500		5.0	5							
				6							
				7							
				8							
	250	S&H		9						decrease clay to 10%; no chemical odor.	
	350	push	C-3-								
80	500		10.0	10							
				11						SAND with CLAY (SP-SC) - dark brown (10YR 4/3), dense, moist; 10% clay; no chemical odor.	
				12							
				13							
	4	S&H		14						weak chemical odor.	
	12		C-3-								
218	22		15.0	15							
				16							
				17							
				18							
	8			19							
	21	S&H	C-3-								
250	39		20.0	20						very dense; strong chemical odor.	

Remarks:

Field location of boring: (See Plate 2)

Project No.: 7270 Date: 06/04/90 Boring No: C-3

Client: Chevron USA #4816

Location: 301 14th Street

City: Oakland, California

Logged by: RSY Driller: Bayland Sheet 2 of 2

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation: Datum:

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level		Description
								Time	Date	
				21						
				22						
				23						
	10	S&H		24						COLOR CHANGE to dark grey (5Y 4/1), dense, saturated; free product; strong chemical odor.
	19		C-3-	24						
675	29		25.0	25						
				26						
				27						
				28						
	8	S&H		29						dense; free product on sample rods; strong chemical odor.
	18		C-3-	29						
400	35		30.0	30						
				31						
				32						
				33						SILT (ML) - olive grey (5Y 5/2), very stiff, moist, low plasticity; rootholes; voids; slight oxidation; moderate chemical odor.
	5	S&H		34						
	11		C-3-	34						
250	14		35.0	35						Bottom of boring at 35.0 feet. Bottom of sample at 35.0 feet. 06/04/90
				36						
				37						
				38						
				39						
				40						

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/04/90	Boring No:
	Client: Chevron USA #4816		C-4
	Location: 301 14th Street		Sheet 1
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Drilling method: Hollow Stem Auger	(See Well Construction Detail)
Hole diameter: 8-Inches	Top of Box Elevation: 31.42 Datum: MSL

PO (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level	23.5	22.5	Time	15:00	16:00	Date	06/04/90	06/04/90	Description
				1													PAVEMENT SECTION - 1.5 feet
				2													
				3													
0	500	S&H push	C-4-4.0	4													CLAYEY SAND (SC) - yellow brown (10YR 5/8), very dense, dry, low plasticity; 60% fine sand; 40% clay; large root in shoe; no chemical odor.
				5													
				6													
				7													
				8													decrease clay content to 10%.
	7	S&H		9													SAND with CLAY (SP-SC) - yellow brown (10YR 5/8), dense, moist; 10% clay; no chemical odor.
0	10 13		C-4-10.0	10													
				11													
				12													
				13													
	5	S&H		14													clay 15-20%; no chemical odor.
0	14 16		C-4-15.0	15													
				16													
				17													
				18													
	8	S&H		19													clay 5-10%; no chemical odor.
	19		C-4-	20													
20	29		20.0	20													

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/04/90	Boring No:
	Client: Chevron USA #4816		C-4
	Location: 301 14th Street		Sheet 2
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Drilling method: Hollow Stem Auger	Top of Box Elevation:	Datum:
Hole diameter: 8-Inches		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level			
								Time			
								Date			
				21							
				22							
				23							
	14	S&H		24							
	24		C-4-	25							very dense, saturated at 23.5 feet; no chemical odor.
35	34		25.0	25							
				26							
				27							
				28							
	12	S&H		29							no chemical odor.
	24		C-4-	30							
0	32		30.0	30							
				31							
				32							
				33							
	5	S&H		34							SILT (ML) - olive (5Y 5/3), very stiff, moist, medium plasticity; 100% silt; trace coarse sand at 34.0 feet; slight oxidation.
	10		C-4-	35							
0	15		35	35							
				36							
				37							Bottom of boring at 35.0 feet.
				38							Bottom of sample at 35.0 feet.
				39							06/04/90
				40							

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/04/90	Boring No:
	Client: Chevron USA #4816		C-A
	Location: 301 14th Street		
	City: Oakland, California		Sheet 1
	Logged by: RSY	Driller: Bayland	of 2

Drilling method: Hollow Stem Auger	Casing installation data:
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Hole diameter: 8-Inches	Top of Box Elevation:	Datum:
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PCD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 1.5 feet
				2				
				3				
	400	S&H		4				
	500	push	C-A-					
0	500		5.0	5				
				6				
				7				
				8				
	5	S&H		9				
	13		C-A-					
0	16		10.0	10				SAND (SP) - dark grey (5Y 4/1), medium dense, moist; 95% fine sand; 5% fines; no chemical odor.
				11				
				12				
				13				
	8	S&H		14				
	20		C-A-					
111	20		15.0	15				COLOR CHANGE to very dark grey (5Y 4/1); no chemical odor.
				16				
				17				
				18				
	8	S&H		19				
	20		C-A-					
230	30		20.0	20				strong chemical odor.

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/04/90	Boring No:
	Client: Chevron USA #4816		C-A
	Location: 301 14th Street		
	City: Oakland, California		Sheet 2
	Logged by: RSY	Driller: Bayland	of 2

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation: Datum:

Water Level Time Date

Description

PID (ppm)	Blows/ft. or Pressure (ps)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23				
	12	S&H		24				
	20		C-A-	24				
430	32		25.0	25				
				26				Bottom of boring at 25.0 feet.
				27				Bottom of sample at 25.0 feet.
				28				06/04/90
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-B
	Location: 301 14th Street		Sheet 1
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation: _____ Datum: _____

Water Level: 23.5

Time: 14:15

Date: 06/05/90

Description

PAVEMENT SECTION - 2.0 feet

SAND (SP) - dark yellow brown (10YR 4/6), dense,

moist; 95% fine sand; 5% fines; trace roots; no chemical

odor.

COLOR CHANGE to olive grey (5Y 4/2) at 8.5 feet;

medium dense; no chemical odor.

dense; weak chemical odor.

strong chemical odor.

Remarks:

GSI GeoStrategies Inc. Log of Boring BORING NO. C-B

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-B
	Location: 301 14th Street		
	City: Oakland, California		Sheet 2
	Logged by: RSY	Driller: Bayland	of 2
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation:	Datum:
Hole diameter: 8-inches		

PCD (opt)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level				Description	
								Time					
								Date					
				21									
				22									
				23									
	12	S&H		24									moderate chemical odor.
	22		C-B-										
500	34		25.0	25									
				26									
				27									Bottom of boring at 25.0 feet.
				28									Bottom of sample at 25.0 feet.
				29									06/05/90
				30									
				31									
				32									
				33									
				34									
				35									
				36									
				37									
				38									
				39									
				40									

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-C
	Location: 301 14th Street		Sheet 1
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation:		Datum:	
Water Level	23.5		
Time	13:00		
Date	06/05/90		

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				
				2				
				3				
0	350 500	S&H push	C-C- 4.5	4	█			SAND (SP) - dark yellow brown (10YR 4/6), dense, dry; 95% fine sand; 5% clay; trace roots; no chemical odor.
				5				
				6				
				7				
				8				
	11 19	S&H	C-C-	9	█			
10	19		10.0	10	█			moist; no chemical odor.
				11				
				12				chemical odor in cuttings at 12.0 feet.
				13				
	8 10	S&H	C-C-	14	█			moist
50	13		15.0	15	█			COLOR CHANGE to olive grey (5Y 4/2) at 13.5 feet; weak chemical odor.
				16				
				17				
				18				
	11 19	S&H	C-C-	19	█			
450	27		20.0	20	█			no fines; strong chemical odor.

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-C
	Location: 301 14th Street		Sheet 2
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation:	Datum:
Hole diameter: 8-Inches		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level			
								Time			
								Date			
Description											
				21							
				22							
				23							
	13	S&H		24							saturated; free product; strong chemical odor.
	22		C-C-	24							
419	27		25.0	25							
				26							Bottom of boring at 25.0 feet.
				27							Bottom of sample at 25.0 feet.
				28							06/05/90
				29							
				30							
				31							
				32							
				33							
				34							
				35							
				36							
				37							
				38							
				39							
				40							

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-D
	Location: 301 14th Street		Sheet 1
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Drilling method: Hollow Stem Auger	Casing installation data:
Hole diameter: 8-Inches	Top of Box Elevation: Datum:

PD (ppm)	Blows/ft or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 2.0 feet
				2				
				3				
0	350 - 500/8"	S&H push	C-D-4.0	4	█			CLAYEY SAND (SC) - yellowish brown (10YR 5/6), very dense, dry; 75-80% fine sand; 20-25% clay; decreases to 10% at 4.0 feet; trace rootholes; no chemical odor.
				5				
				6				
				7				
				8				
	20	S&H		9	█			
	27		C-D-	10	█			
6	44		10.0					
				11				
				12				
				13				
	12	S&H		14	█			no chemical odor.
	28		C-D-	15	█			
16	36		15.0					
				16				
				17				
				18				
				19	█			very weak chemical odor.
	8	S&H		20	█			
	20		C-D-					
220	26		20.0	20				

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 06/05/90	Boring No:
	Client: Chevron USA #4816		C-D
	Location: 301 14th Street		Sheet 2
	City: Oakland, California		of 2
	Logged by: RSY	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation.	Datum:
-----------------------	--------

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level			
								Time	Date		
				21			[Soil Symbol]	Description			
				22				moderate chemical odor in cuttings at 21.0 feet.			
				23							
	12	S&H		24				saturated; no fines; no chemical odor.			
	24		C-D-	24							
22	36		25.0	25							
				26				Bottom of boring at 25.0 feet.			
				27				Bottom of sample at 25.0 feet.			
				28				06/05/90			
				29							
				30							
				31							
				32							
				33							
				34							
				35							
				36							
				37							
				38							
				39							
				40							

Remarks:

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 10/18/90	Boring No:
	Client: Chevron Service Station	C-5	
	Location: 301 14th Street/Harrison	Sheet 1	
	City: Oakland, California	of 2	
	Logged by: R.C.M.	Driller: Bayland	

Drilling method: Hollow Stem Auger	(See Well Construction Detail)		
Hole diameter: 8-Inches	Top of Box Elevation: 31.25'	Datum: MSL	

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level		Time	Date	Description
								24.5'	22.1'			
				0								
				1								
				2								
				3								
				4								
0	12 24	S&H	C-5- 5.5	5					11:20	10/18/90		PAVEMENT SECTION - 1.5 feet
				6								
				7								
				8								
				9								
3	18 24	S&H	C-5- 10.5	10					16:10	10/18/90		SAND (SP) - yellowish brown (10YR 5/6), medium dense, damp; 100% fine to medium sand; no chemical odor.
				11								
				12								
				13								
				14								
				15								
23	21 25	S&H	C-5- 15.5	16								SAND (SP) - dark yellowish brown (10YR 4/6), dry to damp, very dense; 100% medium sand; weak chemical odor.
				17								
				18								
				19								

Remarks:

Log of Boring

BORING NO.



C-5

Field location of boring: (See Plate 2)	Project No.: 7270	Date: 10/18/90	Boring No:
	Client: Chevron Service Station	C-5	
	Location: 301 14th Street/Harrison	Sheet 2	
	City: Oakland, California	of 2	
	Logged by: R.C.M.	Driller: Bayland	
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation:	Datum:
Hole diameter: 8-Inches		

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level		Description
								Time	Date	
	14		C-5-	20						
1292	28	S&H	20.5	21						COLOR CHANGE to olive (5Y 4/3) at 19.5 feet, damp; strong chemical odor.
				22						
				23						Saturated cuttings at 23.5 feet.
				24						
	14		C-5-	25						Saturated; weak chemical odor.
17.5	32	S&H	25.5	26						
				27						
				28						
				29						
	19		C-5-	30						COLOR CHANGE to olive brown (2.5Y 4/4) at 29.5 feet, saturated; no chemical odor.
	29	S&H	30.5	31						
				32						
				33						
				34						
	8		C-5-	35						
	16	S&H	36.0	36						CLAYEY SILT (ML/CL) - olive (5Y 5/3), stiff, moist, medium plasticity; 70% silt; 25% clay; 5% fine sand; no chemical odor.
	17			37						
				38						Bottom of sample at 36.0 feet.
				39						Bottom of boring at 36.0 feet.

Remarks:

Field location of boring: (See Plate 2)

Project No.: 7270 Date: 10/18/90 Boring No: CR-1

Client: Chevron Service Station

Location: 301 14th Street/Harrison

City: Oakland, California Sheet 1 of 2

Logged by: R.C.M. Driller: Bayland

Casing installation data:

Drilling method: Hollow Stem Auger (See Well Construction Detail)

Hole diameter: 12-Inches

Top of Box Elevation: 30.52' Datum: MSL

PID (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level		Description
								Time	Date	
				0				24.0'	10/18/90	PAVEMENT SECTION - 1.5 feet
				1						
				2						
				3						
				4						
3	8 13 28	S&H	CR-1- 5.5	5						SAND (SP) - dark yellowish brown (10YR 4/6), damp, dense; 100% fine to medium sand; no chemical odor.
				6						
				7						
				8						
				9						
24.1	5 9 9	S&H	CR-1- 10.5	10						SILTY SAND (SM) - olive (5Y 5/3), moist, medium dense; 80% sand; 15% silt; 5% clay; weak chemical odor.
				11						
				12						
				13						
				14						
217	10 20 23	S&H	CR-1- 15.5	15						SAND (SP) - olive (5Y 5/3), moist, dense; 95% sand; 5% silt; moderate chemical odor.
				16						
				17						
				18						
				19						

Remarks:

Field location of boring:

(See Plate 2)

Project No.: 7270	Date: 10/18/90	Boring No:
Client: Chevron Service Station		CR-1
Location: 301 14th Street/Harrison		
City: Oakland, California		Sheet 2
Logged by: R.C.M.	Driller: Bayland	of 2

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 12-inches

Top of Box Elevation:

Datum:

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level	Time	Date	Description
	12		CR-1-								
872	23	S&H	20.5	20							Strong chemical odor.
	23			21							
				22							
				23							
				24							
15.7	11		CR-1-								
	20	SPT	25.5	25							Saturated with gasoline; strong chemical odor.
	18			26							
				27							
				28							
				29							
				30							
				31							
				32							Silt noted on 4-inch auger teeth upon extraction from boring.
				33							SILT (ML) - olive (5Y 5/3), moist, medium plasticity; 70% silt; 25% clay; 5% fine sand; no chemical odor (from disturbed sample).
				34							
				35							Bottom of sample at 25.5 feet.
				36							Bottom of boring at 32.5 feet.
				37							10/18/90
				38							
				39							

Remarks:



GeoStrategies Inc.

Log of Boring

BORING NO.

CR-1

JOB NUMBER 7270

REVIEWED BY RQ/CEG
CAMP CEV 1202

DATE 10/90

REVISED DATE

REVISED DATE

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/24/91	Boring No:
	Client: Chevron U.S.A. SS No. 4816		C-6
	Location: 301 14th Street/Harrison		Sheet 1
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	

Drilling method: Hollow Stem Auger	Top of Box Elevation: 30.41'	Datum: MSL
Hole diameter: 8-inches		

PCD (ppm)	Blows/ft. or Pressure (ps)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level	Time	Date	Description
				0				21.5'	10:05	04/25/91	
				1				21.7'	8:50	04/30/91	PAVEMENT SECTION - 1.0 ft.
				2				21.84'		05/02/91	
				3							SILTY SAND (SM) - yellowish brown (10YR 5/8), loose, damp; 80% fine sand; 20% fines (mostly silt).
				4							
				5							
0	200	S&H push		6							
				7							(pushed for approximately 6 inches, no sample recovery.)
				8							
	500	S&H		9							
	500	push	C-6-	10							Fe oxide staining at 10.5 feet.
0	500		10.5	11							
				12							
				13							
				14							
			C-6-	15							
0	22	S&H	15.5	16							medium dense at 15.5 ft.
				17							
				18							
				19							

Remarks:
*Converted to equivalent Standard Penetration blows/ft.

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/25/91	Boring No:
	Client: Chevron U.S.A. SS No. 4816		C-6
	Location: 301 14th Street/Harrison		Sheet 2
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	

Drilling method: Hollow Stem Auger	Top of Box Elevation: 30.41'	Datum: MSL
Hole diameter: 8-inches		

PTD (ppm)	Blows/ft* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				20				
				21				
0	52	S&H	C-6-22.5	22				SAND (SP) - light olive brown (2.5Y 5/4), very dense, saturated; 95% fine sand; 5% fines.
				23				
				24				
0	66	S&H	C-6-25.5	25				
				26				
				27				
				28				
				29				
0	94	S&H	C-6-30.5	30				CLAYEY SILT (ML/CL) - greenish gray (5GY 5/1), stiff, damp; 90% fines (mostly silt); 10% fine sand; caliche stringers to 1 inch in length.
				31				
				32				
				33				
				34				
0	12	S&H	C-6-35.5	35				
				36				Bottom of Boring at 35.5 ft. 04/25/91
				37				
				38				
				39				

Remarks: Heaving sand came into augers from 30 to 35.5 ft.

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/23/91	Boring No:
	Client: Chevron U.S.A. SS No.4816		C-7
	Location: 301 14th Street /Harrison		Sheet 1
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation: 30.56'	Datum: MSL
Hole diameter: 8-inches	Water Level: 23.0'	21.5'
	Time: 13:25	15:10
	Date: 04/23/91	04/27/91
		05/02/91

PD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.0 ft
				2				
				3				SILTY SAND (SM) - dark yellowish brown (10YR 4/6), medium dense, damp; 75% fine to medium sand; 25% fines (mostly silt).
0	200	S&H		4				
	200	push		5				(no sample recovery at 4.0 ft; recovery in shoe of sampler).
	200			6				
				7				
				8				
				9				
0	17	S&H	C-7-10.0	10				COLOR CHANGE to light olive brown (2.5Y 5/4), with dark yellowish brown (10YR 4/6) mottling at 10.5 ft.
				11				
				12				
				13				
				14				
0	47	S&H	C-7-15.5	15				predominantly dark yellowish brown (10YR 4/6), decreasing fines to 15% at 15.5 ft.
				16				
				17				
				18				
				19				

Remarks:
* Converted to equivalent Standard Penetration blows/ft.



GeoStrategies Inc.

Log of Boring

BORING NO.

C-7

Field location of boring: (See Plate 2)

Project No.: 727002 Date: 04/23/91 Boring No: C-7

Client: Chevron U.S.A. SS No. 4816

Location: 301 14th Street/Harrison

City: Oakland, California

Logged by: R.C.M. Driller: Bayland

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Top of Box Elevation: 30.56' Datum: MSL

PCD (ppm)	Blow/ft.* or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
1.5	45	S&H	C-7-20.5	20				SAND (SP) - olive brown (2.5Y 4/4), dense, moist; 95% fine sand; 5% fines (mostly silt).
				21				
				22				
				23				
0	59	S&H	C-7-24.5	24				very dense, saturated at 23.0 ft.
				25				
				26				
				27				
				28				
				29				
0	55	S&H	C-7-30.5	30				
				31				
				32				
				33				
				34				increasing fine gravel to 15%; color change to light olive brown (7.5Y 5/4) at 34.5 ft.
0	48	S&H	C-7-35.5	35				SILTY CLAY (CL/ML) - light olive brown (2.5Y 5/4), hard, damp; 100% fines (mostly clay); Fe oxide staining.
				36				
				37				Bottom of Boring at 35.5 ft.
				38				04/23/91
				39				

Remarks:

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/24/91	Boring No:
	Client: Chevron U.S.A. SS No. 4816		C-8
	Location: 301 14th Street/Harrison		Sheet 1
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation: 30.12'	Datum: MSL
Hole diameter: 8-inches	Water Level: 21.25' 21.20' 21.24'	
	Time: 10:00 12:25	
	Date: 04/24/91 04/30/91 05/02/91	

PTD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.0 ft.
				2				SILTY SAND (SM) - dark brown (10YR 4/4), loose, damp; 80% fine to medium sand; 20% fines (mostly silt).
			C-8-	4				
0	250	S&H	4.5	5				COLOR CHANGE to olive (5Y 4/3), at 4.5 ft.
	250	push		6				
	250			7				
				8				
	250	S&H	C-8-	9				
6.2	250	push	9.5	10				
	300			11				
				12				
				13				
			C-8-	14				
58.1	26	S&H	15.0	15				SAND with SILT (SP-SM) - dark greenish gray (5GY 4/1), medium dense, damp; 90% medium sand; 10% fines.
				16				
				17				
				18				
				19				

Remarks: * Converted to equivalent Standard Penetration blows/ft.

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/24/91	Boring No:
	Client: Chevron U.S.A. SS No. 4816		C-8
	Location: 301 14th Street/Harrison		Sheet 2
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	

Drilling method: Hollow Stem Auger	Top of Box Elevation: 30.12'	Datum: MSL
Hole diameter: 8-inches		

PO (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Casing Installation data:					
								Water Level	Time	Date	Description		
				20									
87.5		S&H		21		▽							
			C-8-22.5	22									SAND (SP) - dark greenish gray (5GY 4/1), dense, saturated; 95% fine sand; 5% fines (mostly silt).
57.3	44			23									
				24									
557		S&H		25									
112.6	46		C-8-25.5	26									very dense at 25.0 ft, increasing fines to 35% from 25.0 to 25.3 ft.
				27									
				28									
				29									
276	45	S&H	C-8-30.5	30									sand increasing to 100% at 29.0 ft.
				31									
				32									
				33									
				34									
100.6	18	S&H	C-8-35	35									
				36									
				37									CLAYEY SILT (ML/CL) - light olive brown (2.5Y 5/4), stiff, damp; 90% fines; 10% fine sand.
				38									
				39									Bottom of Boring at 35.5 ft. 04/24/91

Remarks: *Converted to equivalent Standard Penetration blows/ft.

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/30/91	Boring No:
	Client: Chevron U.S.A. SS No. 4816		C-9
	Location: 301 14th Street/Harrison		Sheet 1
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger
Hole diameter: 8-inches

Top of Box Elevation: 30.15'	Datum: MSL	
Water Level: 21.5'	21.4'	21.27'
Time: 10:35	12:30	
Date: 04/30/91	04/30/91	05/02/91

PTD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.5 ft.
				2				
				3				SILTY SAND (SM) - dark yellowish brown (10YR 4/6), loose, damp; 85% sand; 15% fines (mostly silt).
0	500	S&H push		4				
				5				(no sample recovery at 4.0 ft.)
				6				
				7				
				8				
0	500	S&H push		9				
				10				COLOR CHANGE to olive brown (2.5Y 4/4) at 9.0 ft (no sample recovery).
				11				
				12				
				13				
				14				
0	35	S&H	C-9-15.5	15				dense at 15.5 ft.
				16				
				17				
				18				
				19				

Remarks: * Converted to equivalent Standard Penetration blows/ft.

Field location of boring: (See Plate 2)	Project No.: 727002	Date: 04/30/91	Boring No:
	Client: Chevron U.S.A. SS No. 4816		C-9
	Location: 301 14th Street/Harrison		Sheet 2
	City: Oakland, California		of 2
	Logged by: R.C.M.	Driller: Bayland	
Casing installation data:			

Drilling method: Hollow Stem Auger	Top of Box Elevation: 30.15'	Datum: MSL
Hole diameter: 8-inches		

FD (ppm)	Blows/ft. or Pressure (psf)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level	Time	Date	Description
			C-9-20.5	20		▽					SAND (SP) - olive (5Y 5/3), dense, damp; 95% fine sand; 5% fines.
1.0	39	S&H		21							
			C-9-23.0	22		▽					COLOR CHANGE to light olive brown (2.5Y 5/4), saturated at 21.5 ft.
0	62	S&H		23							
				24							
				25							
				26							
				27							
				28							
				29							
			C-9-30.5	30		▽					SAND with SILT (SW-SM) - light olive brown (2.5Y 5/4), medium dense, moist; 70% fine to coarse sand; 25% fines (mostly silt); 5% fine gravel.
0	27	S&H		31							
				32							
				33							
				34							
			C-9-35.5	35		▽					CLAYEY SILT (ML/CL) - olive (5Y 5/4), very stiff, damp; 100% fines (mostly silt). COLOR CHANGE to greenish gray (5GY 5/1) at 34.5 ft.
0	26	S&H		36							
				37							Bottom of Boring at 35.5 ft. 04/30/91
				38							
				39							

Remarks:



**GROUNDWATER
TECHNOLOGY**

Drilling Log

Monitoring Well **MW-10**

Project CHV/301 14th Street Owner CHEVRON U.S.A. Products Company
 Location Oakland, California Project No. 02020 2748 Date drilled 06/11/92
 Surface Elev. _____ Total Hole Depth 35 ft. Diameter 8 inches ft.
 Top of Casing 31.59 ft. Water Level Initial 23 ft. Static 21.72 ft.
 Screen: Dia 2 in. Length 20 ft. Type/Size 0.020 in.
 Casing: Dia 2 in. Length 15 ft. Type SCH 40 PVC
 Filter Pack Material Lapis Lustre 2/12 Rig/Core Type Mobile B-53/split spoon
 Drilling Company Kvilhaug Well Drilling Method Hollow stem auger Permit # 92284
 Driller Mike Crocker Log By Steve Kranyak
 Checked By Dave Kleesattel License No. RG# 5136

See Site Map
For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0						Brown silty fine SAND with clay (loose, moist, no hydrocarbon odor)
2					SM	
4						
6		0				
8						Brown sandy CLAY/clayey SAND with trace silt (soft, moist, no hydrocarbon odor)
10		0	A		CL SC	
12						Brown silty fine SAND with clay (loose, wet, no hydrocarbon odor)
14						
16		0	B			
18					SM	
20		0	C			Brown silty fine SAND (loose, wet, no hydrocarbon odor)
22						Static water level
23						Encountered groundwater at 23 feet (06/11/92)
24					SP	



Project CHV/301 14th Street Owner CHEVRON U.S.A. Products Company
Location Oakland, California Project No. 02020 2748 Date drilled 06/11/92

Depth (ft)	Well Completion	PTD (ppm)	Sample ID Blow Count/ & Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
24		0	D		SP	Brown fine SAND (loose, wet, no hydrocarbon odor)
26						
28						
30						
32						
34		0	F			
36						End of boring at 35 feet. Installed groundwater monitoring well.
38						
40						
42						
44						
46						
48						
50						
52						
54						
56						



Project CHV/301 14th Street Owner CHEVRON U.S.A. Products Company
 Location Oakland, California Project No. 02020 2748 Date drilled 06/11/92
 Surface Elev. _____ Total Hole Depth 20 ft. Diameter 8 inches ft.
 Top of Casing _____ Water Level Initial _____ Static _____
 Screen: Dia 2 in. Length 9 ft. Type/Size 0.020 in.
 Casing: Dia 2 in. Length 11 ft. Type SCH 40 PVC
 Filter Pack Material Lapis Lustre 2/12 Rig/Core Type Mobile B-53/split spoon
 Drilling Company Kvilhaug Well Drilling Method Hollow stem auger Permit # 92284
 Driller Mike Crocker Log By Steve Kranyak
 Checked By Dave Kleesattel License No. RG# 5136

See Site Map
For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0						
2						
4					SM	Brown silty fine SAND (loose, moist)
6		0	3 4 4			(poor sample recovery)
8						
10		0	5 6 10			Brown silty GRAVEL with trace sand and clay (loose, very moist)
12						
14					GM	
16			3 3 4			(poor sample recovery)
18						(becomes medium dense)
20		828	15 20 27			End of boring at 20 feet. Installed vapor extraction well.
22						
24						



**GROUNDWATER
TECHNOLOGY**

Drilling Log

Vapor Point **VEW-2**

Project CHV/301 14th Street Owner CHEVRON U.S.A. Products Company
 Location Oakland, California Project No. 02020 2748 Date drilled 06/11/92
 Surface Elev. _____ Total Hole Depth 20 ft. Diameter 8 inches ft.
 Top of Casing _____ Water Level Initial _____ Static _____
 Screen: Dia 2 in. Length 9 ft. Type/Size 0.020 in.
 Casing: Dia 2 in. Length 11 ft. Type SCH 40 PVC
 Filter Pack Material Lapis Lustre 2/12 Rig/Core Type Mobile B-53/split spoon
 Drilling Company Kvilhaug Well Drilling Method Hollow stem auger Permit # 92284
 Driller Mike Crocker Log By Steve Kranyak
 Checked By Dave Kleesattel License No. RG# 5136

See Site Map
For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0						
2						
4					SM	Reddish brown silty fine SAND with clay (loose, moist, no hydrocarbon odor)
6		0.4	A 8 12 17			
8						
10		0	B 9 10 14		ML	Brown sandy SILT (stiff, moist, no hydrocarbon odor)
12						
14						Brown silty fine SAND with clay (dense, moist, no hydrocarbon odor)
16		0.4	C 30 35 39		SM	
18						
20		0	D 15 18 19			Brown silty fine SAND (medium dense, moist, no hydrocarbon odor)
22						
24						End of boring at 20 feet. Installed vapor extraction well.



Project CHV/301 14th St. Owner Chevron
 Location Oakland, CA Project No. 020204062 Date drilled 3/31/93
 Surface Elev. N/A ft. Total Hole Depth 30.5 ft. Diameter 10 in.
 Top of Casing N/A ft. Water Level Initial 21.47 ft. Static N/A ft.
 Screen: Dia 4 in. Length 15 ft. Type/Size 0.020 in.
 Casing: Dia 4 in. Length 15 ft. Type PVC SCH 40
 Filter Pack Material #3 sand Rig/Core Type B-61/Mod. Cal. Split Spoon
 Drilling Company Kvilhaug Drilling Method Hollow Stem Auger Permit # 93155
 Driller Rod Furlow Log By S.C. Hurley
 Checked By David Kleesattel License No. RG# 5136 *David Kleesattel*

See Site Map
For Boring Location

COMMENTS:

The well was set at approximately 30.5 feet below grade and extended to 2.5 feet above grade. The soil cuttings were placed on plastic and was left on site until it could be analyzed and disposed of properly.

Depth (ft.)	Well Completion	PID (ppm)	Sample ID Blow Count/ % Recovery	Graphic Log	USCS Class.	Description
						(Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0						
2						Clayey SAND, reddish tan, about 60% sand, about 25% clay, about 15% silt (moist, no hydrocarbon odor).
4		13.6	5	80 28 50		
6						
8						
10		2.5	10	12 18 30		
12					SC	
14		0.8	15	28 38 50		
16						
18						
20		567	20	23 45 50		Tan with gray mottling (moist, strong hydrocarbon odor).
22						3/31/93
24			22			



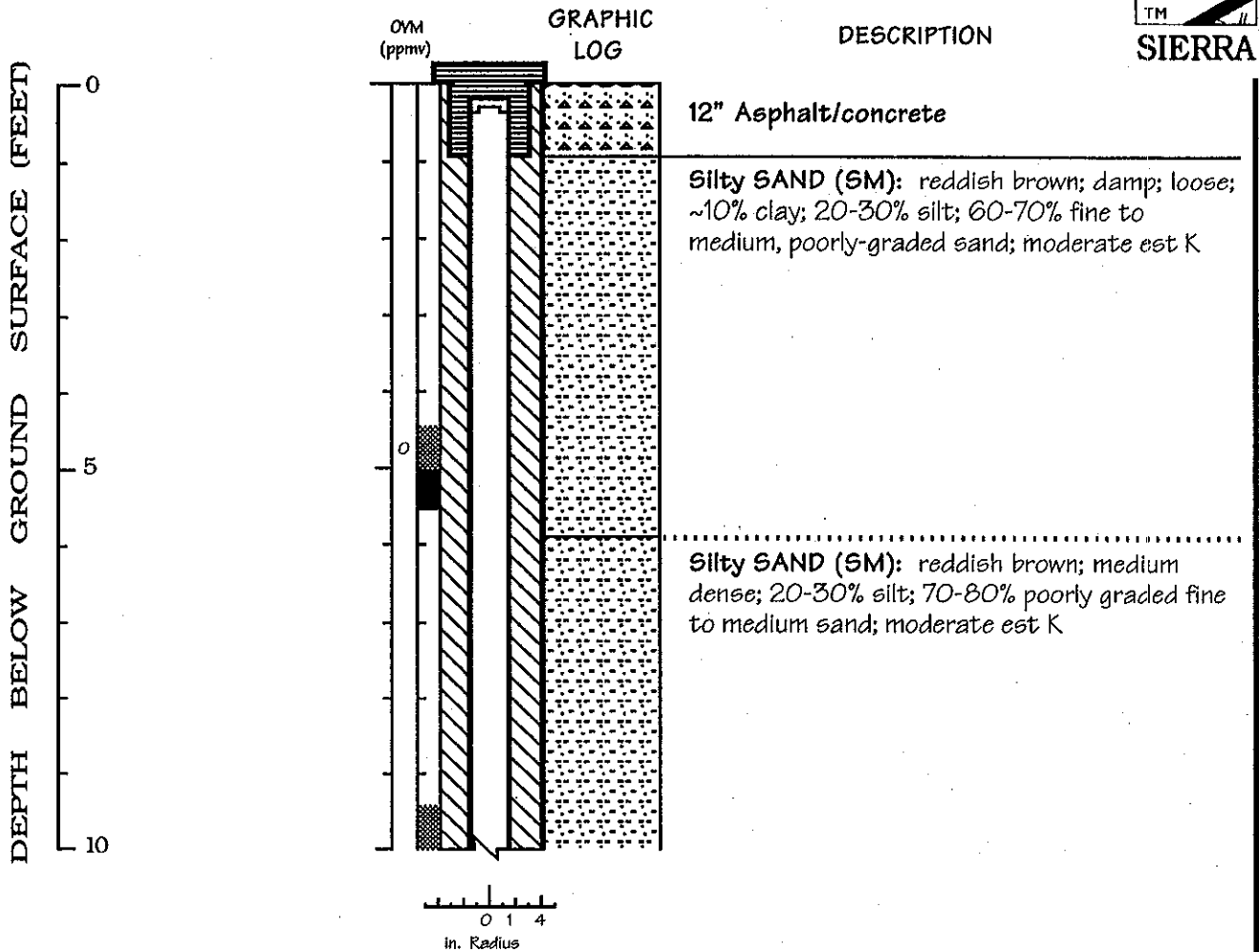
Project CHV/301 14th St. Owner Chevron
 Location Oakland, CA Project No. _____ Date drilled 3/31/93

Depth (ft.)	Well Completion	PID (ppm)	Sample ID Blow Count/ % Recovery	Graphic Log	USCS Class.	Description
						(Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
24		531	22		SC	Flowing silty sands, gray (hydrocarbon odor)
26			50			
28						
30		144	30		SM	End of boring at 30.5 feet.
32						
34						
36						
38						
40						
42						
44						
46						
48						
50						
52						
54						
56						

WELL MW-11



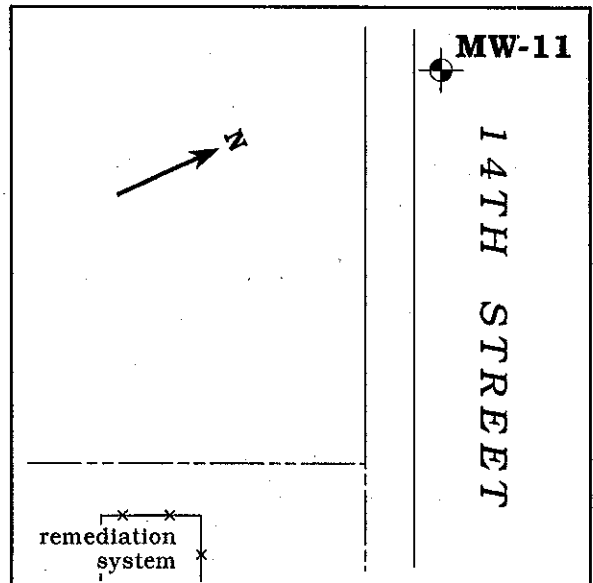
SIERRA



Well Construction and Boring Log - Well MW-11

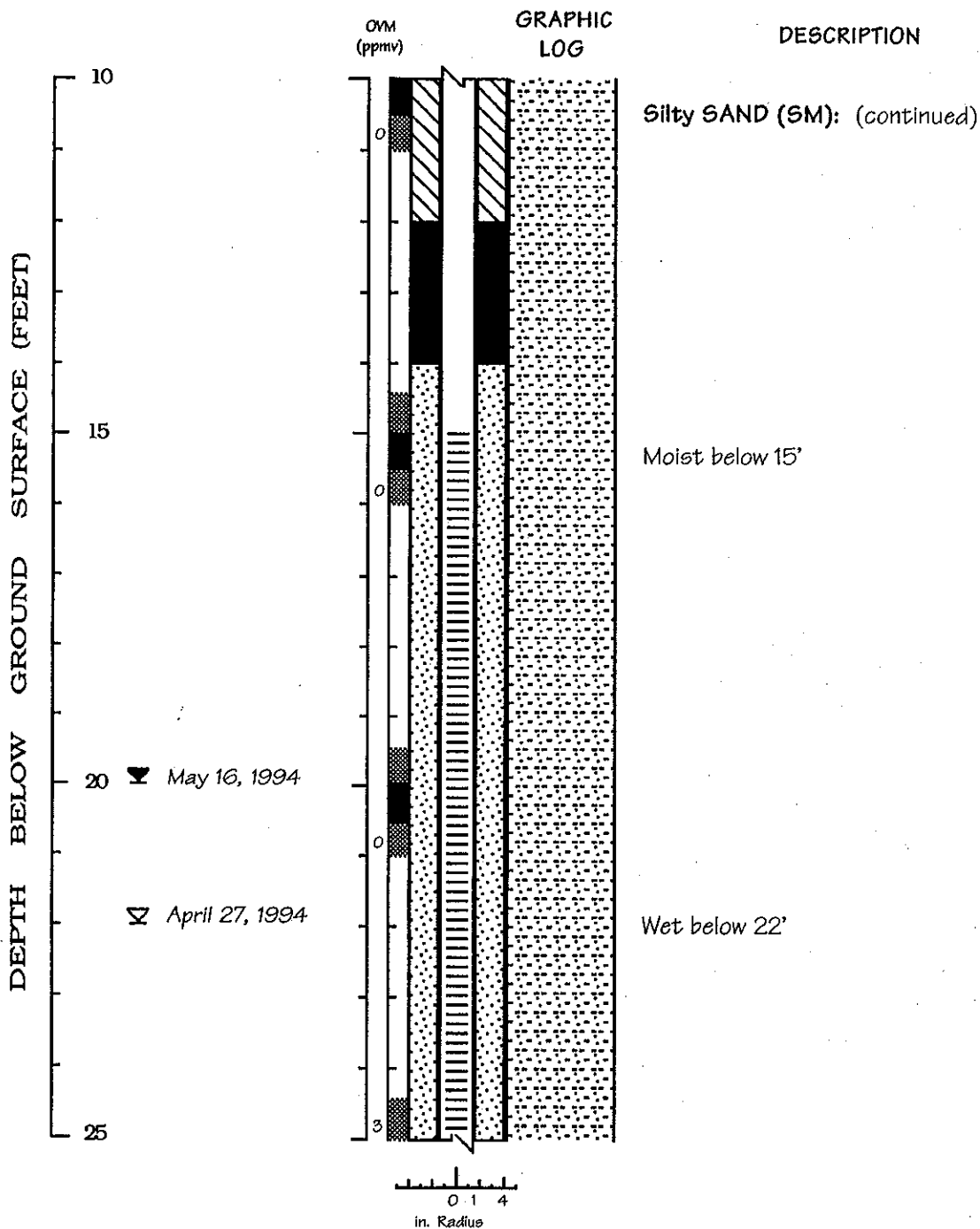
Former Chevron Service Station
#9-4816
301 14th Street
Oakland, California

Logged by: Carol Eaton
Supervisor: C. Bramer P.E. #C48846
Drilling Company: Soils Exploration Services
C-57#: 582696
Driller: Mike Duffy
Drilling Method: Hollow stem auger
Date Drilled: April 27, 1994
Well Head Completion: Locking cap & traffic-rated vault
Type of sampler: Split barrel (2" ID)



WELL MW-11

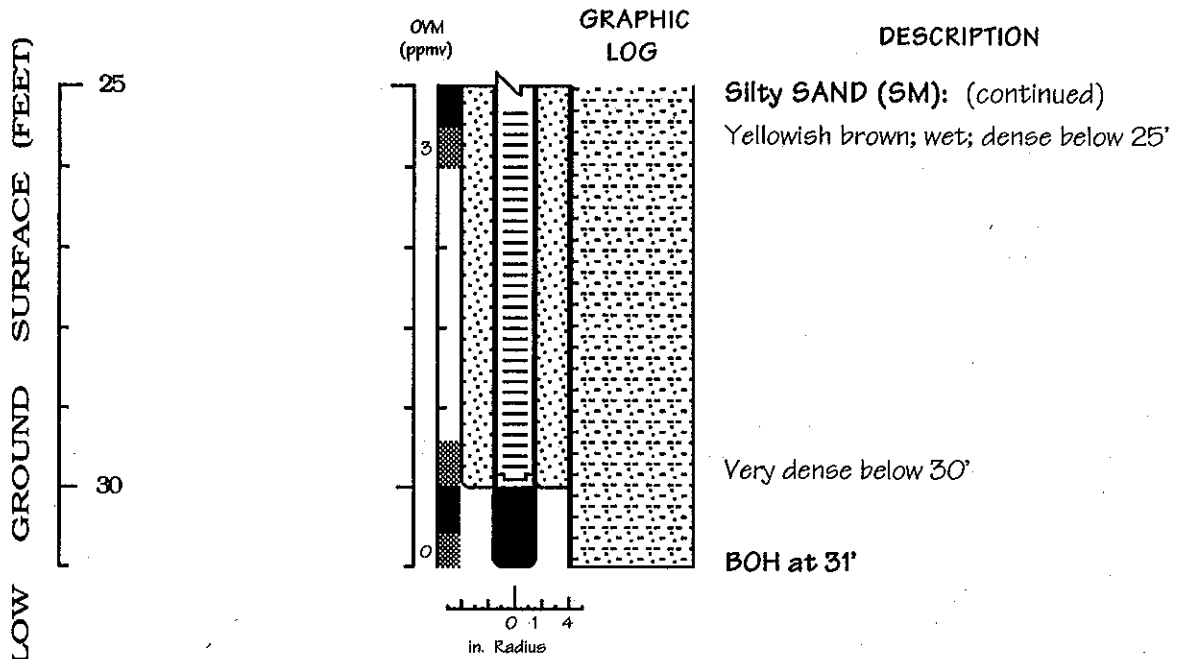
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Well Construction and Boring Log - Former Chevron Service Station #9-4816
Well MW-11
 301 14th Street
 Oakland, California

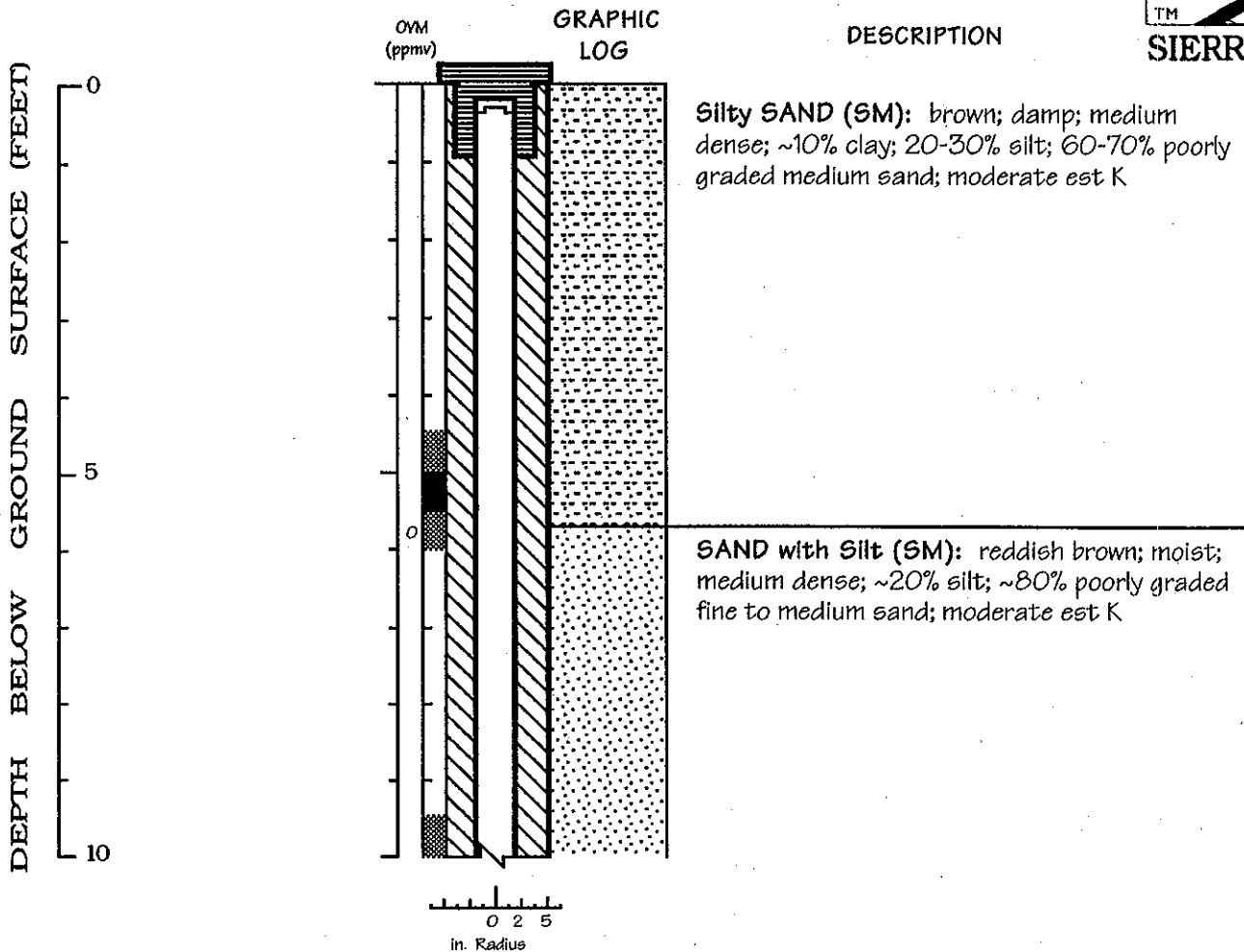
WELL MW-11

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Well Construction and Boring Log - Former Chevron Service Station #9-4816
Well MW-11 301 14th Street
Oakland, California

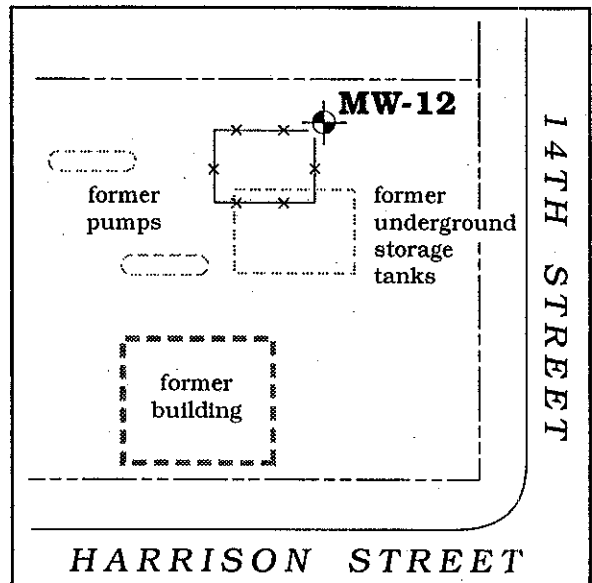
WELL MW-12



Well Construction and Boring Log - Well MW-12

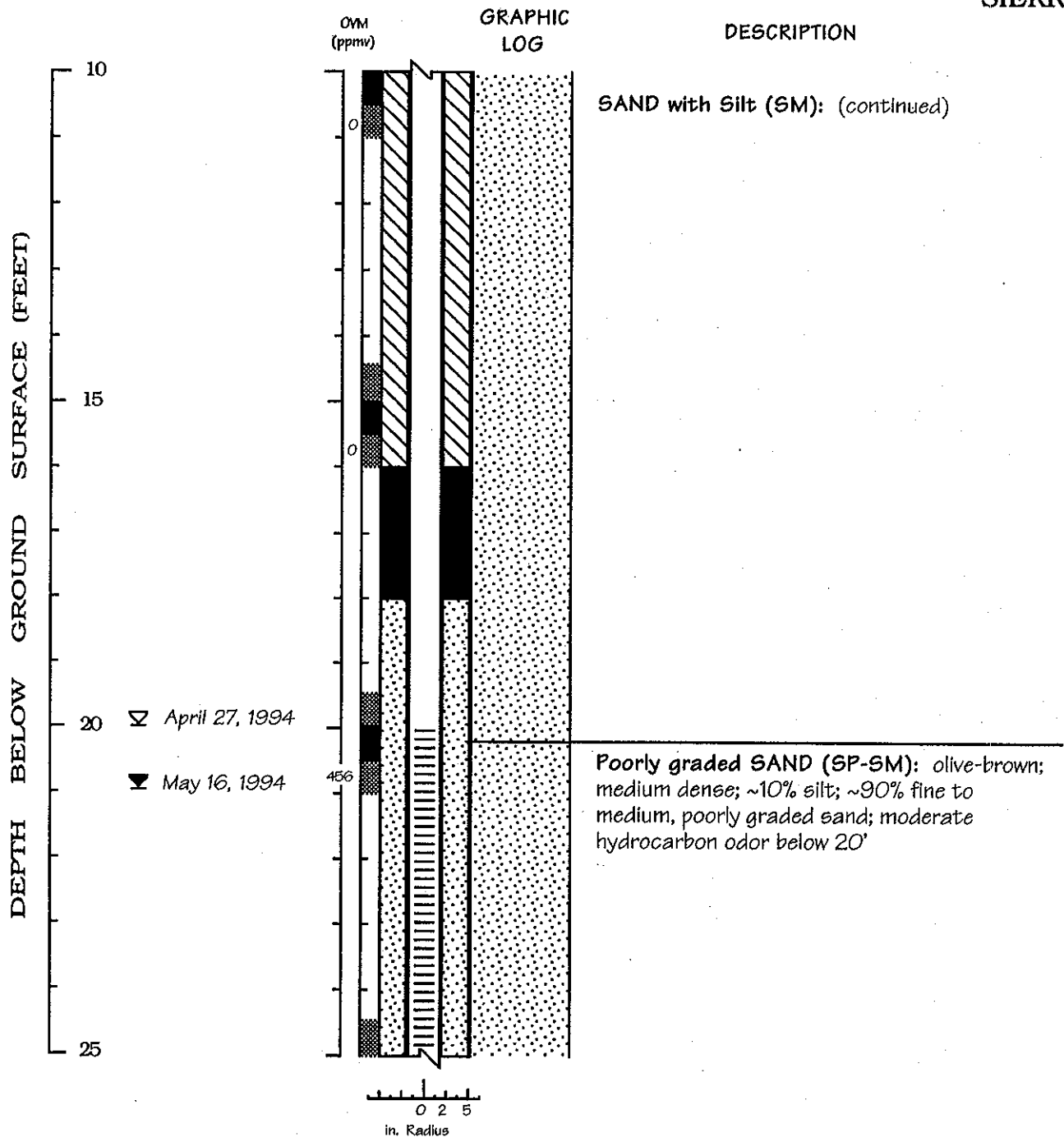
Former Chevron Service Station
 #9-4816
 301 14th Street
 Oakland, California

Logged by: Carol Eaton
 Supervisor: C. Bramer P.E. #C48846
 Drilling Company: Soile Exploration Services
 C-57#: 582696
 Driller: Mike Duffy
 Drilling Method: Hollow stem auger
 Date Drilled: April 27, 1994
 Well Head Completion: Locking cap & traffic-rated vault
 Type of sampler: Split barrel (2" ID)



WELL MW-12

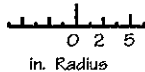
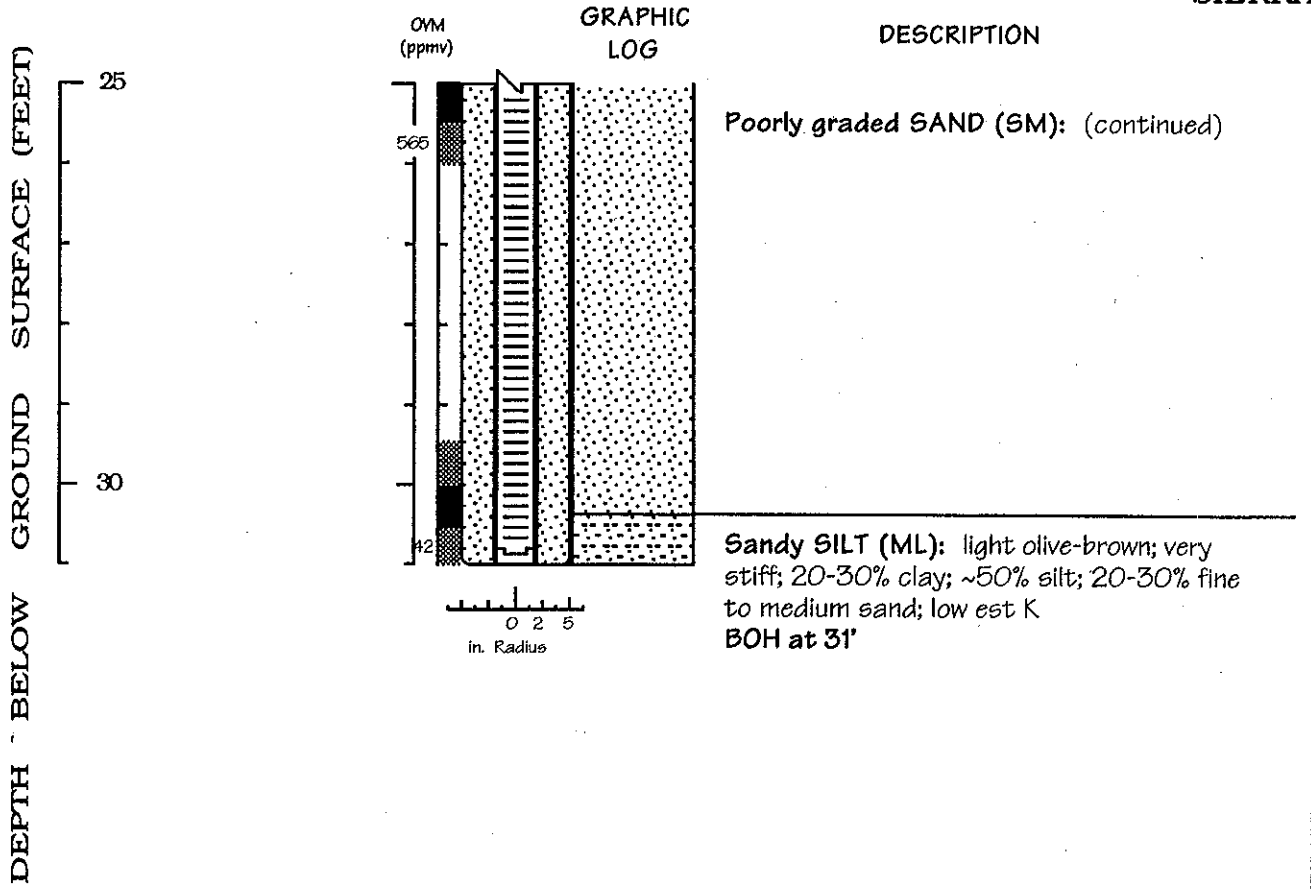
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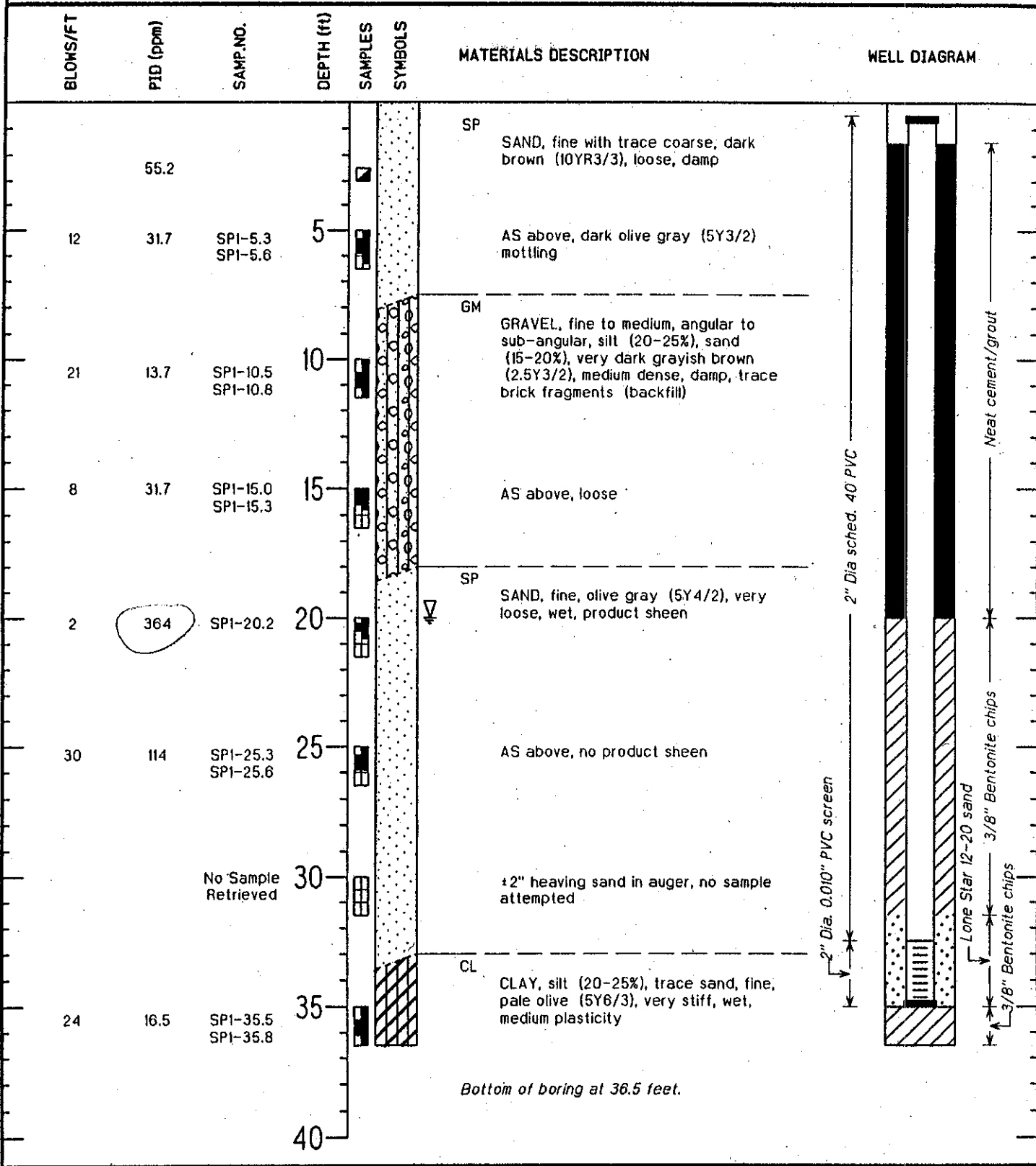
Well Construction and Boring Log - Well MW-12	Former Chevron Service Station #9-4816 301 14th Street Oakland, California
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WELL MW-12

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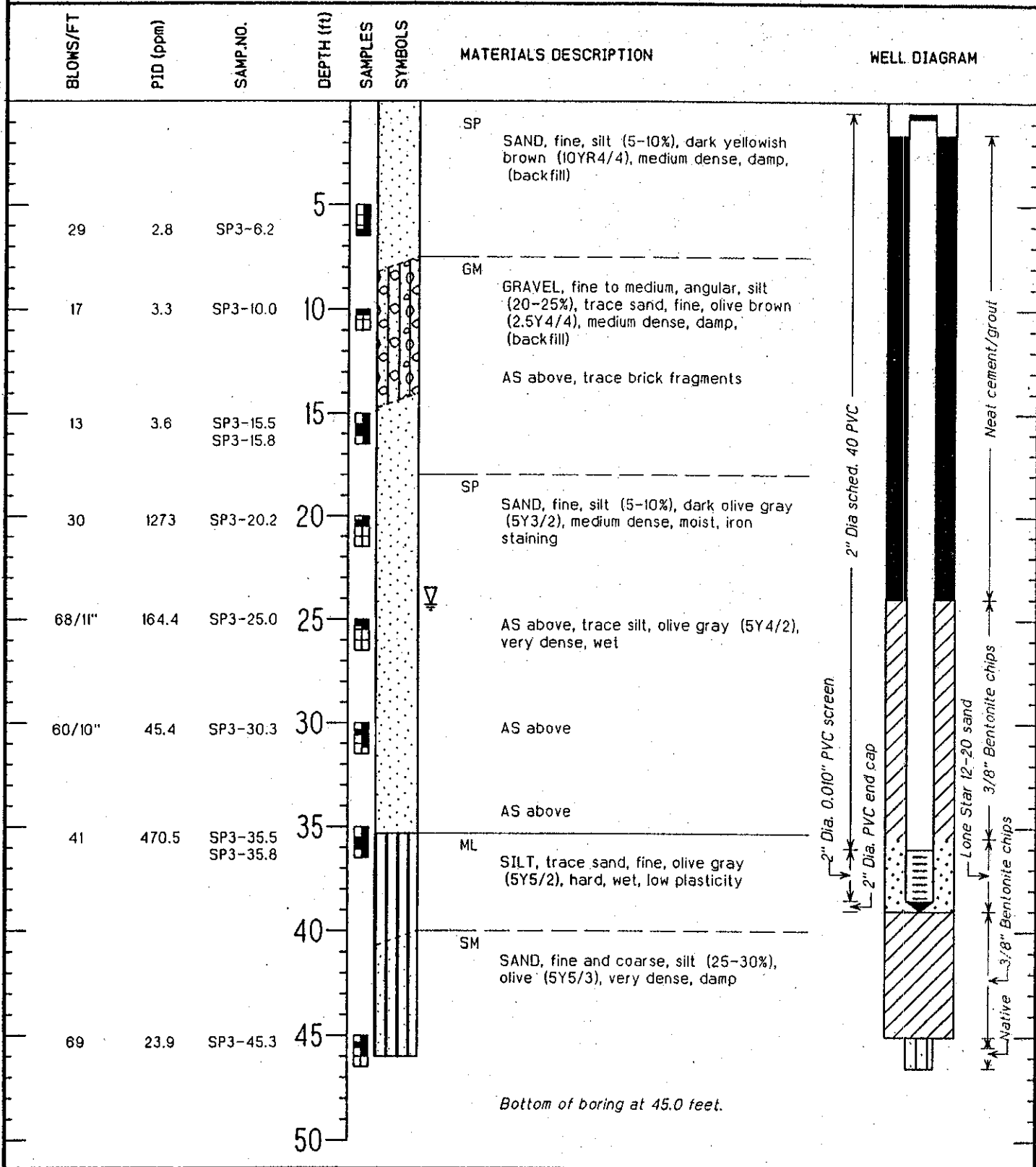
Well Construction and Boring Log - Well MW-12	Former Chevron Service Station #9-4816 301 14th Street Oakland, California
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PROJECT	Chevron	DRILLING COMPANY	Spectrum Exploration, Inc.
LOCATION	310 14th Street, Oakland	DATE DRILLED	7/20/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Cliff M. Garratt	TOTAL DEPTH OF HOLE	36.5 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20 Feet

BLOWS/FT	PID (ppm)	SAMP. NO.	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION	WELL DIAGRAM
	353.9					SC SAND, fine, clay (15-20%), dark yellowish brown (10YR4/4), medium dense, damp	
38	6.8	SP2-5.5 SP2-5.8	5			SP SAND, fine, dark yellowish brown (10YR4/6), dense, damp	
16	48.9	SP2-10.2 SP2-10.5	10			AS above, yellowish brown (10YR5/8), medium dense, damp, iron staining	
22	43.3	SP2-15.2 SP2-15.5	15			AS above, olive brown (2.5Y4/4)	
24	326.8	SP2-20.0	20			AS above, olive (5Y4/3), wet	
58	99.6	SP2-25.5 SP2-25.8	25			AS above, dark greenish grey (5GY4/1), very dense	
54	35.5	SP2-30.5 SP2-30.8	30			AS above, olive brown (2.5Y4/3)	
16	10.0	SP2-34.0	35			CL CLAY, silt (15-20%), sand (10-15%), fine, light yellow brown, (2.5Y6/3), stiff, wet, medium plasticity.	
			40			Bottom of boring at 33.5 feet.	

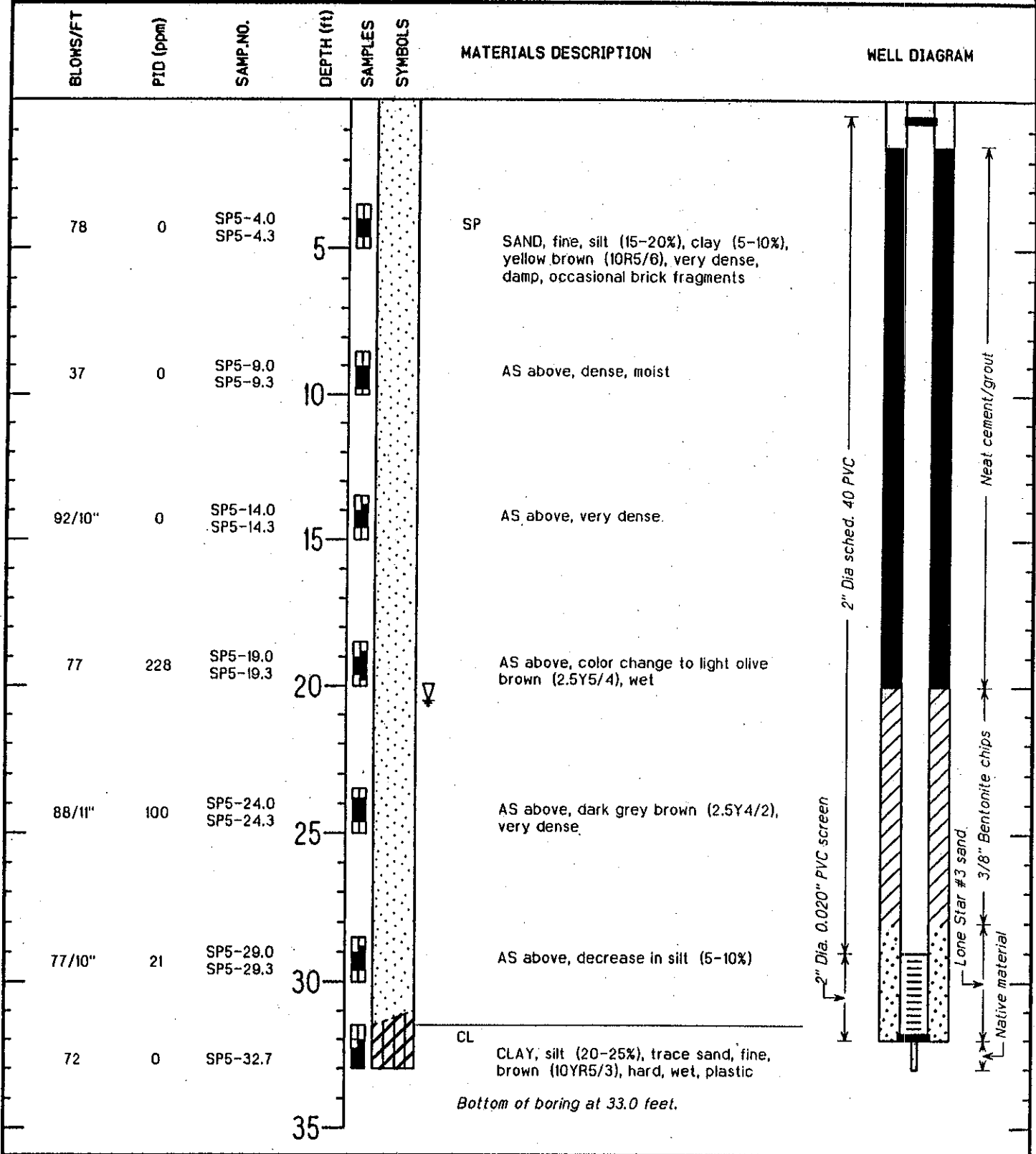
PROJECT	Chevron	DRILLING COMPANY	Spectrum Exploration, Inc.
LOCATION	310 14th Street, Oakland	DATE DRILLED	7/21/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Cliff M. Garratt	TOTAL DEPTH OF HOLE	33.5 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20 Feet



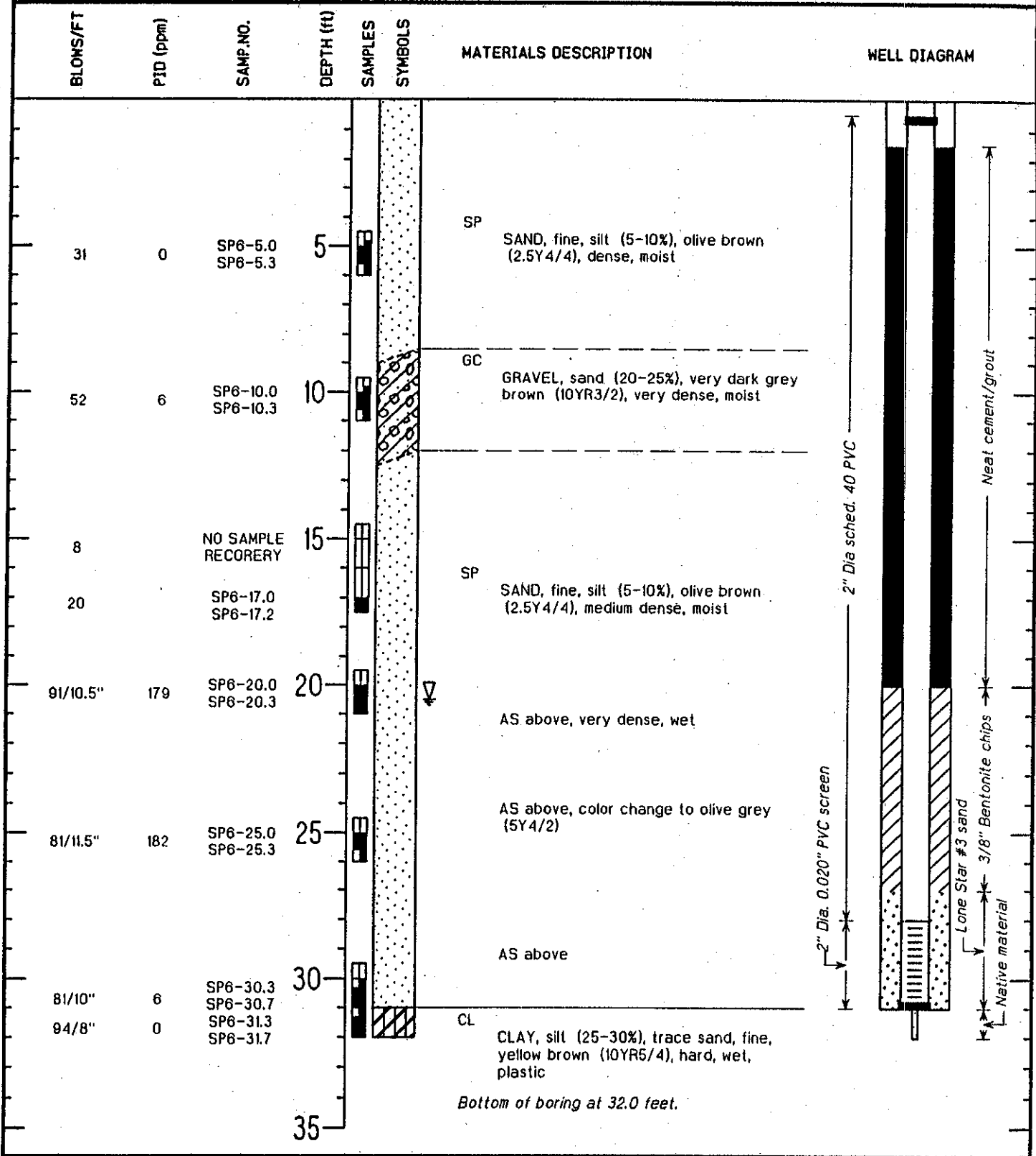
PROJECT	Chevron	DRILLING COMPANY	Spectrum Exploration, Inc.
LOCATION	310 14th Street, Oakland	DATE DRILLED	9/22/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Cliff M. Garratt	TOTAL DEPTH OF HOLE	45.0 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	24.3 Feet

BLOWS/FT	PID (ppm)	SAMP. NO.	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION	WELL DIAGRAM
60/9"	5.5	No Sample Retained	5	[Symbol]	[Symbol]	SP SAND, fine, trace silt, dark yellowish brown (10YR4/6), very dense, damp, (backfill)	<p>2" Dia. sched. 40 PVC</p> <p>2" Dia. 0.010" PVC screen</p> <p>2" Dia. PVC end cap</p> <p>Neat cement/grout</p> <p>Lone Star 12-20 sand</p> <p>3/8" Bentonite chips</p>
38	4.4	SP4-10.3	10	[Symbol]	[Symbol]	SM SAND, fine, silt (15-20%), dark yellowish brown (10YR4/6), dense, damp, iron staining, (backfill)	
24	3.2	SP4-15.3	15	[Symbol]	[Symbol]	AS above, silt (25-30%)	
33	9.8	No Sample Retained	20	[Symbol]	[Symbol]	AS above, brick fragments	
38	80.1	SP4-25.3	25	[Symbol]	[Symbol]	SP SAND, fine, silt (5-10%), dark gray (5Y4/1), dense, wet	
37	8.1	SP4-30.3	30	[Symbol]	[Symbol]	AS above, trace silt, dark olive gray (5Y3/2)	
24	3.2	SP4-35.8	35	[Symbol]	[Symbol]	AS above	
			40	[Symbol]	[Symbol]	ML SILT, light olive brown (2.5Y5/4) very stiff, wet, low plasticity	
			45			Bottom of boring at 40.0 feet.	

PROJECT	Chevron	DRILLING COMPANY	Spectrum Exploration, Inc.
LOCATION	310 14th Street, Oakland	DATE DRILLED	9/22/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Cliff M. Garratt	TOTAL DEPTH OF HOLE	40.0 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	25 Feet



PROJECT	Chevron	DRILLING COMPANY	West Hazmat Drilling Co.
LOCATION	310 14th Street, Oakland	DATE DRILLED	12/20/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Karel L. Detterman, R.G.	TOTAL DEPTH OF HOLE	33.0 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20.5 Feet



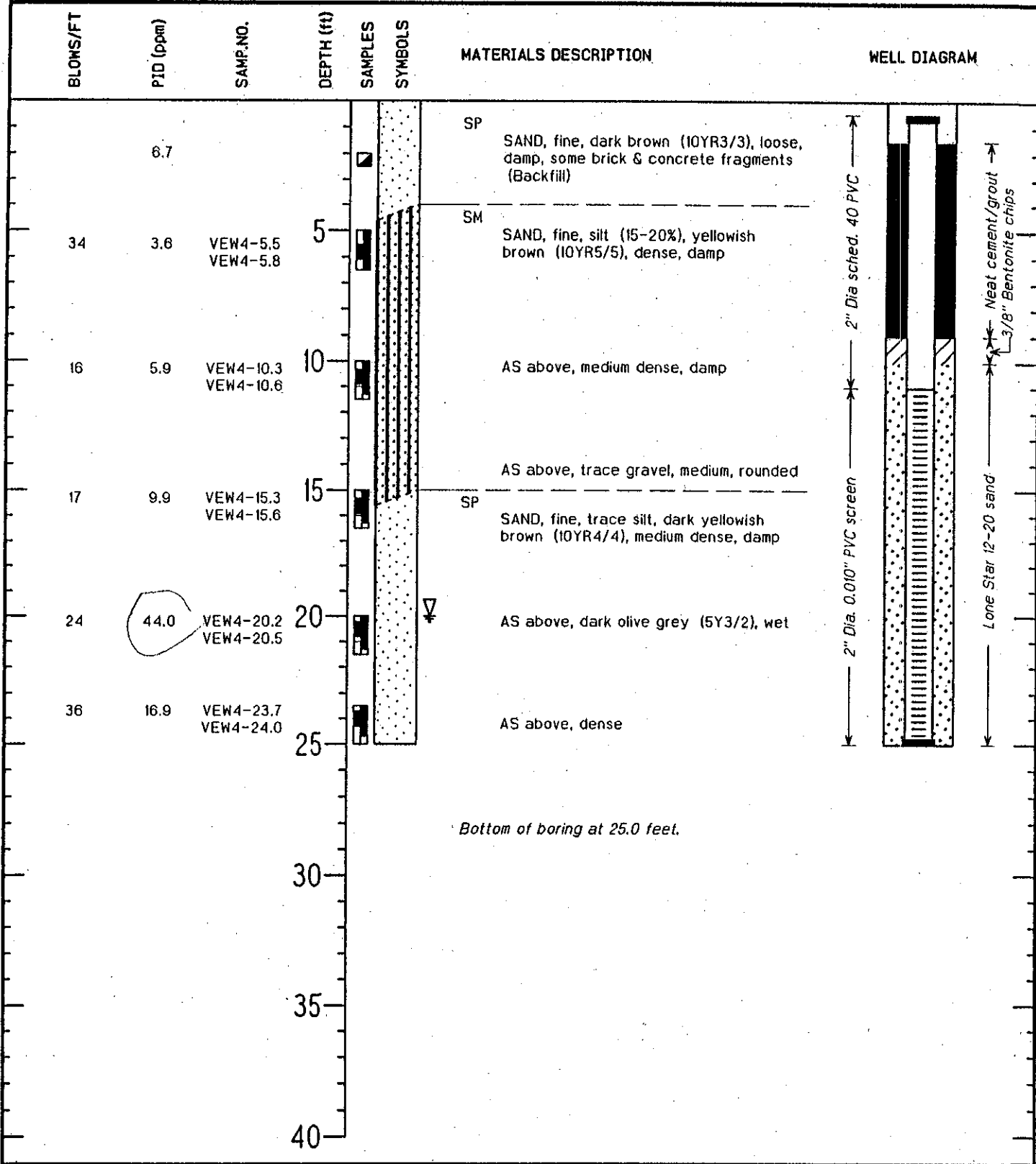
PROJECT	Chevron	DRILLING COMPANY	West Hazmat Drilling Co.
LOCATION	310 14th Street, Oakland	DATE DRILLED	12/21/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Karel L. Detterman, R.G.	TOTAL DEPTH OF HOLE	32.0 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20.5 Feet

BLOWS/FT	PID (ppm)	SAMP.NO.	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION	WELL DIAGRAM
89	0	SP7-5.0 SP7-5.3	5	[Symbol]	[Symbol]	SP SAND, fine, silt (10-15%), clay (20-25%), strong brown (7.5YR5/6), very dense, moist	<p>2" Dia. 40 PVC</p> <p>2" Dia. 0.020" PVC screen</p> <p>Lone Star #3 sand</p> <p>3/8" Bentonite chips</p> <p>Neat cement/grout</p> <p>Native material</p>
48	0	SP7-10.0 SP7-10.3	10	[Symbol]	[Symbol]	As above, decrease in clay (10-15%), color change to yellow brown (10YR5/8), dense	
67/9"	0	SP7-15.0 SP7-15.3	15	[Symbol]	[Symbol]	AS above, very dense	
75/10"	335	SP7-20.3 SP7-20.7	20	[Symbol]	[Symbol]	AS above	
72/10"	3	SP7-25.0 SP7-25.3	25	[Symbol]	[Symbol]	AS above, color change to dark grey brown (2.5Y4/2), dense, wet	
100/10"	0	SP7-29.5 SP7-29.8	30	[Symbol]	[Symbol]	As above, very dense	
80/8"	0	SP7-31.0 SP7-31.3	30	[Symbol]	[Symbol]	CL CLAY, silt (25-30%), sand, fine, (15-20%), pale brown (10YR6/3), hard, wet, plastic	
			35			Bottom of boring at 31.6 feet.	

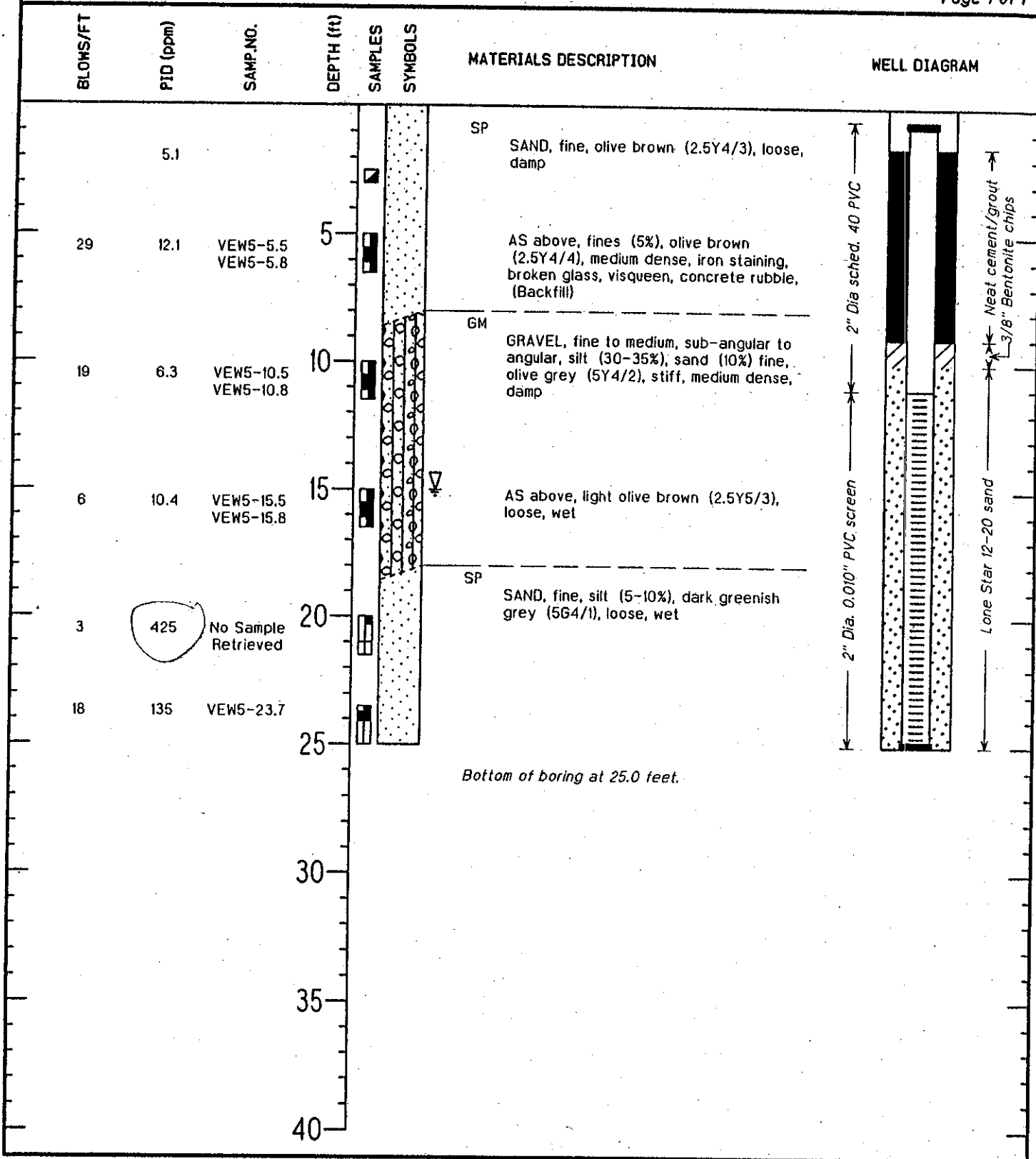
PROJECT	Chevron	DRILLING COMPANY	West Hazmat Drilling Co.
LOCATION	310 14th Street, Oakland	DATE DRILLED	12/21/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Karel L. Detterman, R.G.	TOTAL DEPTH OF HOLE	31.6 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20.5 Feet

BLOWS/FT	PTD (ppm)	SAMP. NO.	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION	WELL DIAGRAM
72/11"	0	SP8-5.0 SP8-5.3	5	[Symbol]	[Symbol]	SP SAND, fine, silt (10-15%), clay (20-25%), strong brown (7.5YR5/6), very dense, moist	
36	0	SP8-10.0 SP8-10.3	10	[Symbol]	[Symbol]	As above, dense	
80/11.5"	0	SP8-15.3 SP8-15.7	15	[Symbol]	[Symbol]	As above, decrease in clay (5-10%), color change to yellow brown (10YR5/6), very dense	
98/8"	8	SP8-20.3 SP8-20.7	20	[Symbol]	[Symbol]	As above, color change to olive brown (2.5Y4/4), wet	
71	72	SP8-25.3 SP8-25.7	25	[Symbol]	[Symbol]	As above, color change to dark grey brown (2.5Y3/2)	
88/8"	27	SP8-30.3 SP8-30.7	30	[Symbol]	[Symbol]	As above, color change to light olive brown (2.5Y5/4)	
79/10"	11	SP8-31.3 SP8-31.7	31	[Symbol]	[Symbol]	CL CLAY, silt (20-25%), sand, fine, (15-20%), light olive brown (2.5Y5/4), hard, wet	
			35			Bottom of boring at 32.5 feet.	

PROJECT	Chevron	DRILLING COMPANY	West Hazmat Drilling Co.
LOCATION	310 14th Street, Oakland	DATE DRILLED	12/21/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Karel L. Detterman, R.G.	TOTAL DEPTH OF HOLE	32.5 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20.5 Feet



PROJECT	Chevron	DRILLING COMPANY	Spectrum Exploration, Inc.
LOCATION	310 14th Street, Oakland	DATE DRILLED	7/20/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Cliff M. Garratt	TOTAL DEPTH OF HOLE	25.0 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	20 Feet



PROJECT	Chevron	DRILLING COMPANY	Spectrum Exploration, Inc.
LOCATION	310 14th Street, Oakland	DATE DRILLED	7/20/95
JOB NUMBER	30-0220	SURFACE ELEVATION	Not surveyed
GEOLOGIST	Cliff M. Garratt	TOTAL DEPTH OF HOLE	25.0 Feet
BORING DIAMETER	8 in. dia	FIRST OBSERVED GW	15 Feet