Nicole Arceneaux
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6912
Nicole.Arceneaux@chevron.com

RECEIVED
By Alameda County Environmental Health at 4:33 pm, Apr 06, 2015

April 6, 2015

Mr. Keith Nowell
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Dear Mr. Nowell:

Attached for your review is the *Well Destruction Report* for 376 Lewelling Boulevard in San Lorenzo, California (**ACEH File No.:** RO0000344; **Case:** Unocal #5760). This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

If you should have any further questions, please do not hesitate to contact me or the Stantec project manager, Sean Coyle, at (916) 861-0400 Ext. 222 or sean.coyle@stantec.com.

Sincerely,

Nicole Arceneaux
Project Manager

Well Destruction Report

376 Lewelling Boulevard
San Lorenzo, California
ACEH File No.: RO0000344
Case: Unocal #5760

Submitted to:
Mr. Keith Nowell
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Submitted by:
Stantec Consulting Services Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, California 95670
916-861-0400

Prepared on behalf of:
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583

April 6, 2015

Table of Contents

LIST OF FIGURES

LIST OF ATTACH MENTS

Stantec

WELL DESTRUCTION REPORT
376 Lewelling Boulevard, San Lorenzo, California
April 6, 2015

1.0 Introduction

On behalf of Chevron Environmental Management Company's (EMC's) affiliate, Union Oil Company of California ('Union Oil"), Stantec Consulting Services Inc. (Stantec) is submitting this report documenting the proper destruction of four onsite and five offsite groundwater monitoring wells related to the current 76-branded service station and auto repair shop located at 376 Lewelling Boulevard in San Lorenzo, California ("Site") (**Figure 1**).

In a letter dated December 23, 2014, Alameda County Environmental Health Services (ACEH) authorized Stantec to proceed with well destruction activities (**Attachment A)**.

The scope of work related to the well destruction activities performed at the Site is presented below.

2.0 Well Destruction Activities

Between March 16 and 19, 2015, Stantec oversaw the destruction of four onsite monitoring wells (U-1R, U-2, U-3R and U-4) and five offsite monitoring wells (U-5 through U-9). Copies of all available boring logs can be found in **Attachment B**. Well locations are shown on **Figure 2**.

2.1 HEALTH AND SAFETY

A health and safety plan was prepared for the scope of work as required by the Occupational Safety and Health Administration Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120). The document was reviewed and signed daily by all applicable personnel and subcontractors performing work at the Site.

2.2 PERMITTING

Stantec obtained well destruction permits from Alameda County Public Works Agency (ACPWA) prior to destroying the wells. An encroachment permit was obtained from the ACPWA to safely implement the well destruction activities of wells (U-5, U-6 and U-7) located in the County's right of way on Usher Street. Copies of the approved well destruction and encroachment permits can be found in **Attachment C**.

2.3 UTILITY CLEARANCE

Prior to the initiation of field work Stantec marked the well locations, contacted Underground Service Alert, and contracted with a private utility locator, to verify that the locations were clear of subsurface obstructions.

2.4 WELL DESTRUCTIONS

All well destruction activities at the Site were performed by National EWP of Richmond, California (C57 license #953646), in accordance with ACPWA guidelines. All wells were destroyed by pressure grout and the surfaces were capped to match the existing grade. Pressure grouting was performed by emplacing neat cement grout via a tremie pipe into the respective well casings prior to applying 25 pounds per square inch (psi) of pressure for duration of 5 to 10 minutes. Following the pressure grouting, the top 5 feet of wells U-5, U-6 and U-7 were removed as per ACPWA protocols since they were each located in the roadway (Usher Street)/City right-of-way. The casing of the other wells destroyed (U-1 through U-4, U-8, and U-9) remained intact following pressure grouting activities. All wells had a cement mushroom cap applied, and the surface patched to match existing grade.

Associated Department of Water Resources (DWR) well completion reports were submitted on April 3, 2015 to the ACPWA and DWR for each well destroyed.

2.5 WASTE DISPOSAL

Waste generated during the well destruction activities, including soil, concrete blocks, and well casing debris was temporarily stored onsite pending profiling and was later removed from site to a proper waste disposal facility at the conclusion of field activities.

3.0 Conclusion

As requested by the ACEH, all site-related wells associated with the subject case have been properly destroyed in accordance with ACPWA protocols. This completion of the well destruction activities marks the remaining action needed to satisfy case closure and accommodate the issuance of final no further action correspondence related to the case.

4.0 Limitations and Certification

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site was prepared for the exclusive use of EMC, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

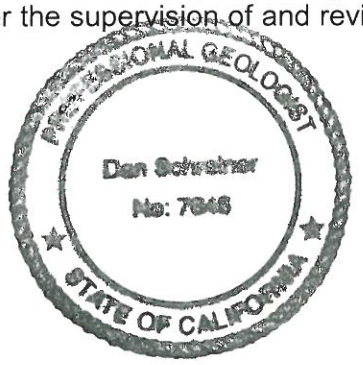
Colin Ryan for
Geologic Associate

Sean Coyle
Associate Scientist

Information, conclusions, and recommendations provided by Stantec in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed Approver:

Dan Schreiner, P.G.
Senior Geologist



cc: Ms. Nicole Arceneaux, EMC (via electronic upload to Strata)
Ramesh Sood Family Trust, 7189 Fawn Hills Lane, Pleasanton, CA 94566
Mr. Ed Ralston, Phillips 66 Company, 76 Broadway, Sacramento, CA 95818
Upload to Geotracker

Figures

North

CALIFORNIA

1 1/2 0 1

SCALE (MILES)

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, SAN LORENZO, CALIFORNIA

Stantec

FOR:
76 SERVICE STATION #5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211402275	CM	BC	--	04/13/09

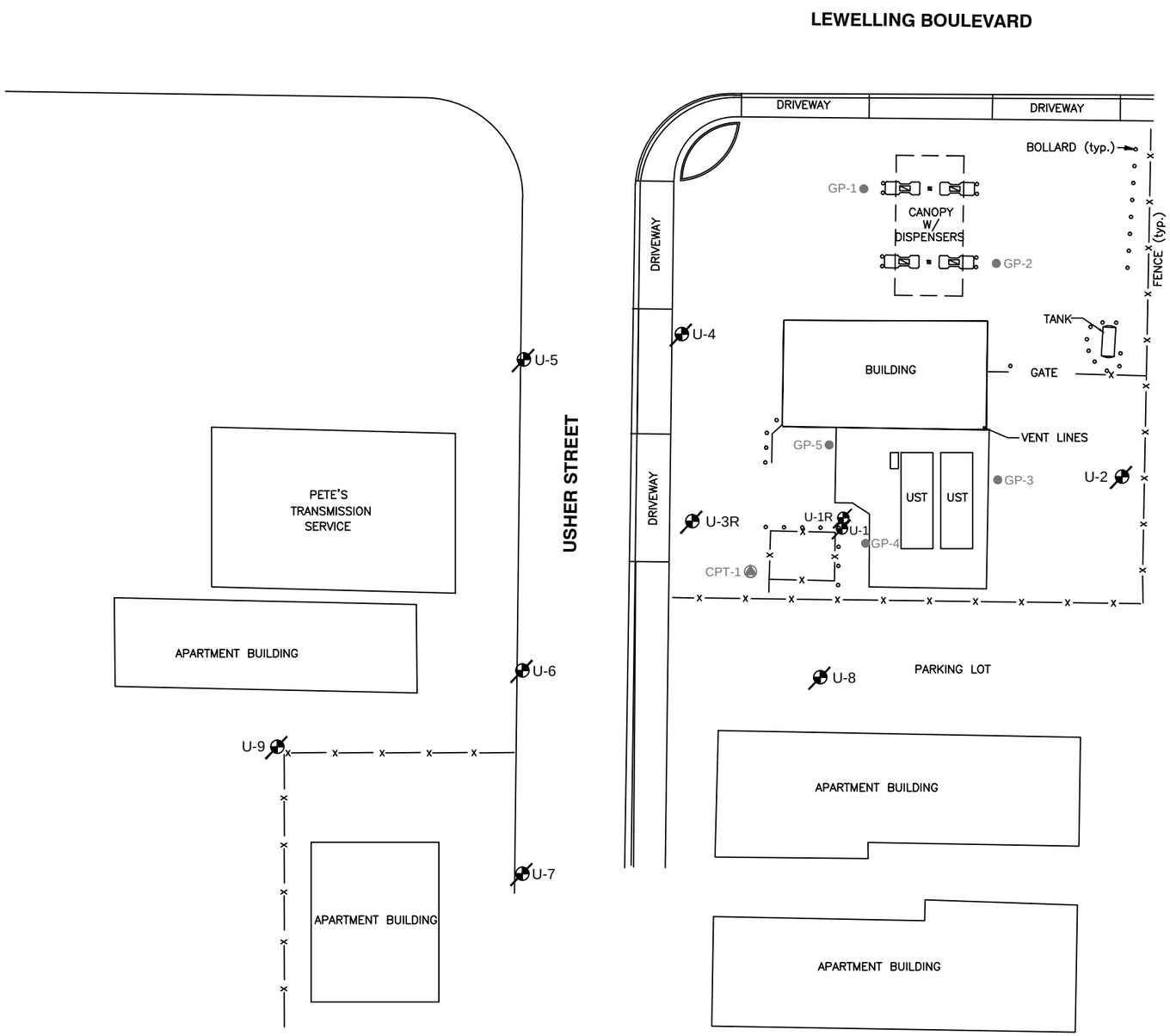
FILEPATH:M:\ConocoPhillips\5760\FIG1-TOPO5760.dwg | Layout Tab: Layout1 | Drafter: cfmiller | Apr 13, 2009 at 12:49

LEGEND:

U-1 DESTROYED MONITORING WELL LOCATION

GP-1 GEOPROBE SOIL BORING LOCATION

CPT-1 CPT LOCATION



N

0 40 80

APPROXIMATE SCALE IN FEET

REFERENCE: SITE PLAN BASED ON FIGURE PROVIDED BY DELTA

Stantec

FOR:
76 SERVICE STATION #5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

SITE PLAN

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	CM/STA	CR	SC	04/01/15

FILEPATH:M:\ConocoPhillips\5760\FIG 2_76-5760_SITE PLAN_04-01-2015.dwg | Layout Tab: 11X17L | Drafter: saguinaldo | Apr 01, 2015 at 14:39

Attachment A

Regulatory Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

December 23, 2014

Ms. Nicole Arceneaux
Chevron Environmental Management Co.
6101 Bollinger Canyon Rd, Rm 5310
San Ramon, CA 94583
(sent via electronic mail to:
Nicole.Arceneaux@Chevron.com)

Mr. Ed Ralston
Phillips 66 Company
76 Broadway
Sacramento, CA 95818
(sent via electronic mail to
Ed.C.Ralston@p66.com)

Ramesh Sood Family Trust
Attn: Ramesh and Promila Sood
7183 Fawn Hills Lane
Pleasanton, CA 94566

Scarteen Corp.
PO Box 7600
Los Angeles, CA 94580

Subject: Fuel Leak Case No. RO0000344 and Geotracker Global ID T0600101469, Unocal #5760, 376 Lewelling, San Lorenzo, CA 94621

Dear Responsible Parties:

The public comment period for the subject site ended on December 20, 2014. No comments were received by Alameda County Environmental Health (ACEH).

You are free to proceed with the destruction of all wells associated with the site (groundwater, vapor, etc), as requested in the attached November 20, 2014 letter from ACEH. As requested in the letter, please contact the Alameda County Public Works Agency to obtain well destruction permits. Following the well destruction, please provide ACEH a well destruction report according to the schedule outlined below. The well destruction report should document site activities, provide well destruction permit documentation, and documentation indicating that any remaining investigation, remediation, and well destruction derived waste have been removed from the site.

TECHNICAL REPORT REQUEST

Please submit reports to Alameda County Environmental Health (Attention: Keith Nowell), and upload technical reports to the ACEH ftp site (Attention: Keith Nowell), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **April 14, 2015 – Well Destruction Report** - File to be named RO344_WELL_DCM_R_yyyy-mm-dd

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Should you have any questions, please contact me at (510) 567- 6764 or send me an electronic mail message at keith.nowell@acgov.org.

Sincerely,

Keith Nowell

Digitally signed by Keith Nowell
DN: cn=Keith Nowell, o=Alameda County, ou=Department of Environmental Health, email=keith.nowell@acgov.org, c=US
Date: 2014.12.23 11:03:35 -08'00'

Keith Nowell, PG, CHG
Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements/Obligations and Electronic Report Upload (ftp) Instructions

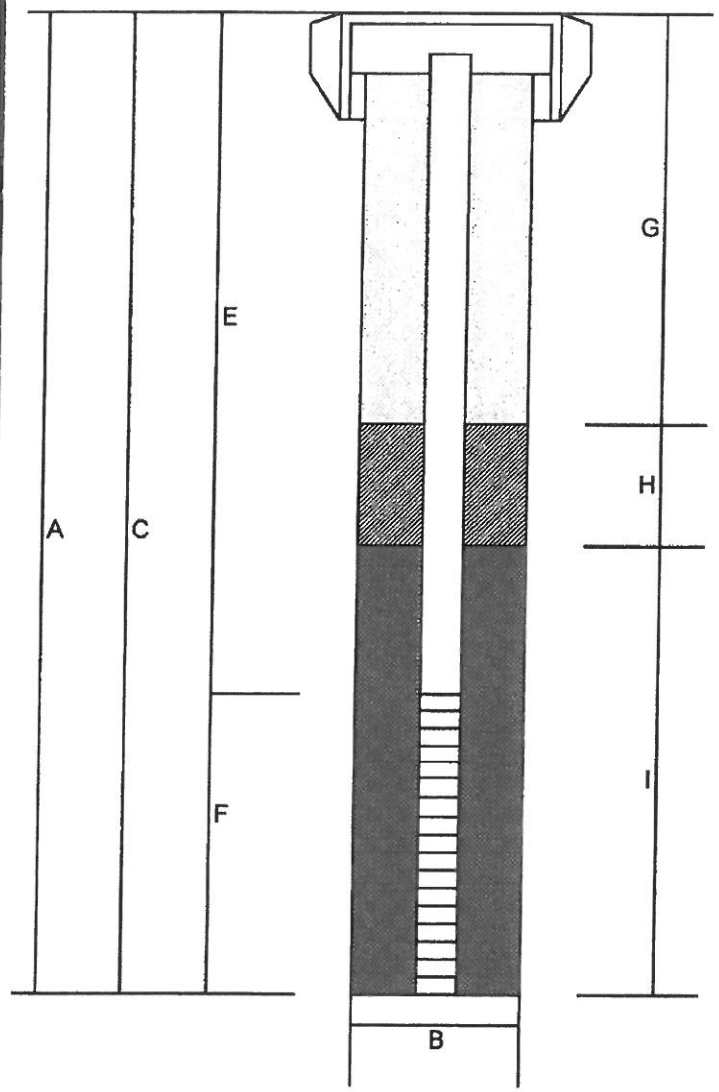
Attachment 2 – ACEH Directive Letter dated November 20, 2014

cc: Sean Coyle, Stantec Consulting Services Inc., 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670-6150 (*Sent via E-mail to: sean.coyle@stantec.com*)

Dilan Roe, ACEH, (sent via e-mail to *dilan.roe@acgov.org*)
Keith Nowell, ACEH, (sent via e-mail *keith.nowell@acgov.org*)
Geotracker, Electronic File

Attachment B

Boring Logs



A: Total Depth: 25' bgs

B: Boring Diameter: 8-inch
Drilling Method: Hollow Stem Auger

C: Casing Length: 25'
Material: Schedule 40 PVC

D: Casing Diameter: 2"

E: Depth to Perforations: 10'

F: Perforated Length: 15'
Perforated Size: 0.010"

G: Surface Seal: 7'
Seal Material: Neat Cement

H: Seal: 1'
Seal Material: Bentonite

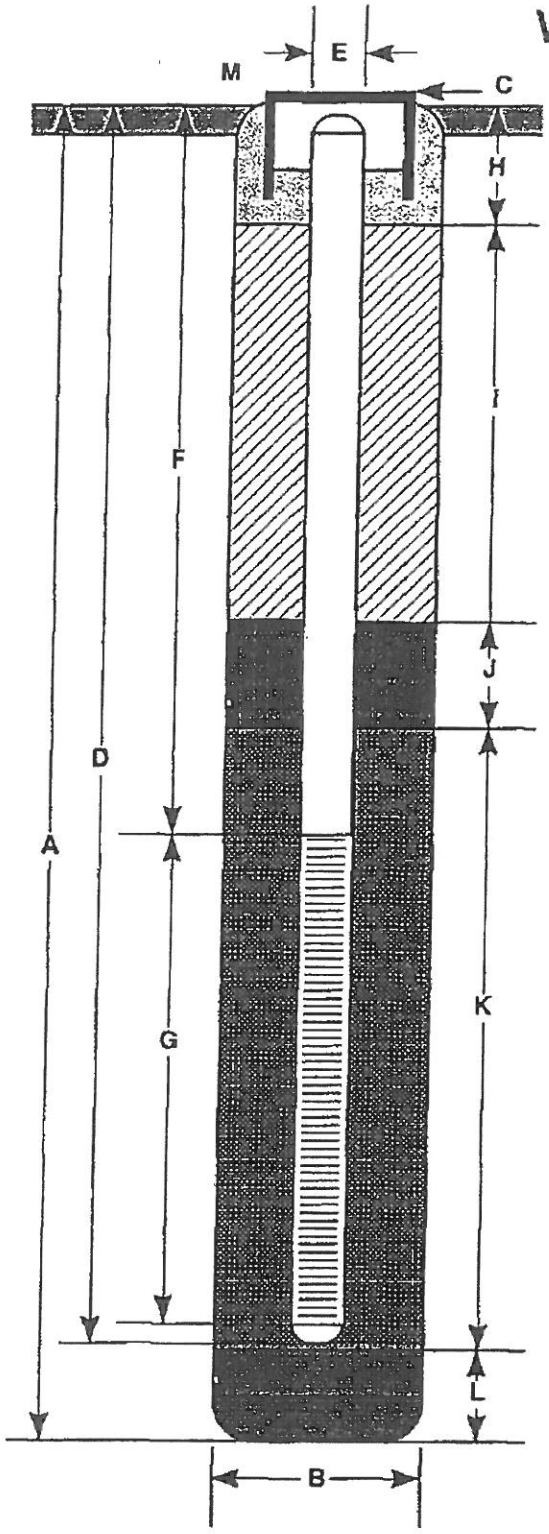
I: Gravel Pack: 17'
Pack Material: Monterey Sand
Size: #2/12

WELL COMPLETION DIAGRAM (U-1R)
76 Service Station No. 5760
San Lorenzo, California

PROJECT NO. C105760131	PREPARED BY TC	DRAWN BY TC
DATE 7/25/2007	REVIEWED BY	FILE NAME COP 5760

DELTA

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 33.0 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 41.62 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30.0 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 15.0 ft.

G Perforated Length 15.0 ft.
Perforated Interval from 15.0 to 30.0 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0.5 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 11.0 ft.
Backfill Material Concrete Grout

J Seal from 11.0 to 13.0 ft.
Seal Material Bentonite

K Gravel Pack from 13.0 to 30.0 ft.
Pack Material #2/12 Graded Sand

L Bottom Seal 3.0 ft.
Seal Material 2 feet Slough/1 foot Bentonite

M Waterproof vault with locking well cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. U-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7809	CMP CEG 12/92	08/90		

Field location of boring: (See Plate 2)	Project No.: 7809	Date: 08/06/90	Boring No.: U-2
	Client: UNOCAL #5760		
	Location: 376 Lewelling Boulevard		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: M.J.J.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 8-Inches	Top of Box Elevation: 41.62		Datum: MSL

Water Level	20.0'	21.52'	
Time	10:30	16:02	
Date	08/06/90	08/06/90	

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				PAVEMENT SECTION - 0.5 feet
				1				FILL - Gravel with Sand (GW) - dark brown (7.5YR 3/4), loose, damp; 75% fine to coarse gravel; 20% sand; 5% silt; no chemical odor.
				2				
				3				SANDY SILT (ML) - very dark grayish brown (10YR 3/2), medium stiff, damp; 55% silt; 35% sand; 10% clay; no chemical odor.
				4				COLOR CHANGE to olive brown (2.5Y 4/4) at 3.0 feet; increasing sand at 3.0 feet.
	150	S&H		5				
0	150	push	U-2-5					
	150			6				SILTY SAND (SM) - olive brown (2.5Y 4/4), soft, damp; 60% fine sand; 40% silt; no chemical odor.
				7				
				8				
				9				
	150	S&H						
0	150	push	U-2-10	10				SAND (SP) - dark brown (10YR 3/3), loose, damp; 85% fine sand; 15% silt; no chemical odor.
	150							
				11				
				12				
				13				
				14				
	0							SILTY CLAY (CL/ML) - very dark grayish brown (10YR 3/2), soft, saturated; 50% clay; 40% silt; 10% fine sand; rootholes; no chemical odor.
0	0	S&H	U-2-15	15				
	4							
				16				
				17				
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. U-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7809	CEG 1262	08/90		

Field location of boring:	Project No.: 7809	Date: 08/06/90	Boring No:
(See Plate 2)	Client: UNOCAL #5760		U-2
	Location: 376 Lewelling Boulevard		
	City: San Lorenzo, California		Sheet 2
	Logged by: M.J.J.	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		

FID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	0			20				SANDY SILT (ML) - dark brown (10YR 3/3), medium stiff,
0	2	S&H	U-2-20					very moist; 70% silt; 30% fine sand; trace clay; no
	3							chemical odor.
				21				
				22				
				23				
				24				SAND (SP) - dark brown (10YR 3/3), loose, saturated;
	3							100% fine to coarse sand; trace silt; no chemical odor.
0	4	S&H	U-2-25	25				
	3							
				26				CLAY (CL) - very dark grayish brown (2.5Y 3/2), medium
								stiff, moist; 55% clay; 40% silt; 5% very fine sand; no
				27				chemical odor.
				28				Hard drilling at 28.0 feet.
				29				Increasing clay at 29.0 feet.
	7							COLOR CHANGE to light olive brown (2.5Y 5/4), very
0	10	S&H	U-2-30	30				stiff, damp; no chemical odor.
	12							
				31				
	9			32				
0	11	S&H	U-2-33					no chemical odor.
	13			33				
				34				Bottom of sample at 33.0 feet.
								Bottom of boring at 33.0 feet.
				35				08/06/90
				36				
				37				
				38				
				39				

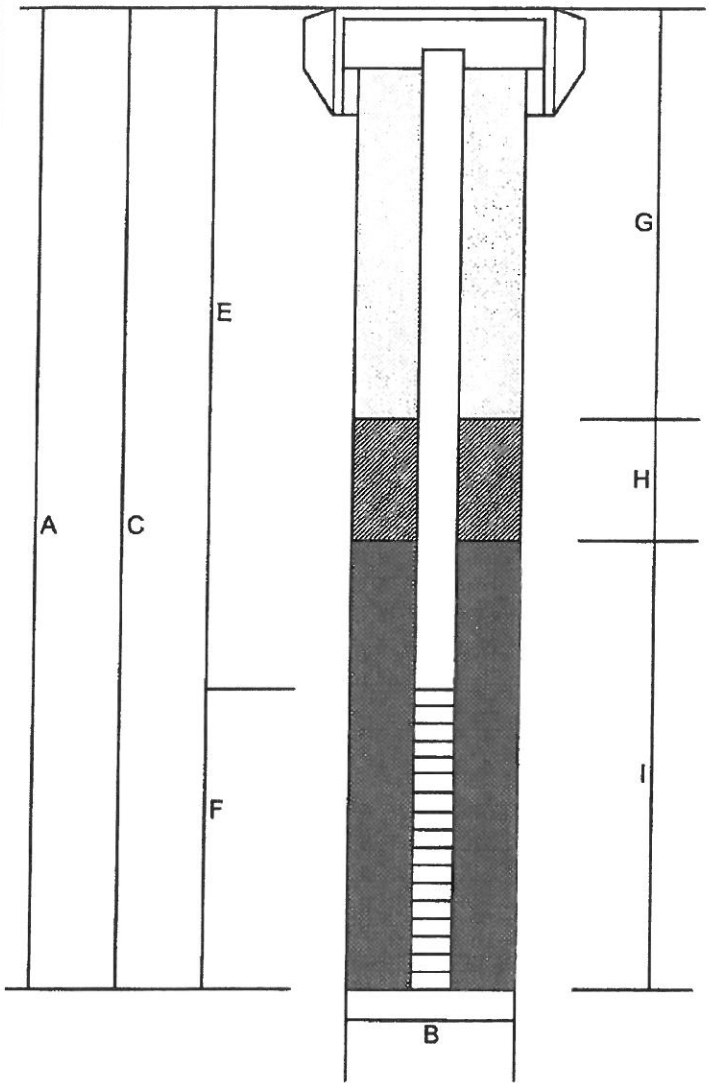
Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. U-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7809	RG/CEG 12/92	08/90		



A: Total Depth: 25' bgs

B: Boring Diameter: 10-inch
Drilling Method: Hollow Stem Auger

C: Casing Length: 25'
Material: Schedule 40 PVC

D: Casing Diameter: 2"

E: Depth to Perforations: 10'

F: Perforated Length: 15'
Perforated Size: 0.010"

G: Surface Seal: 7'
Seal Material: Neat Cement

H: Seal: 1'
Seal Material: Bentonite

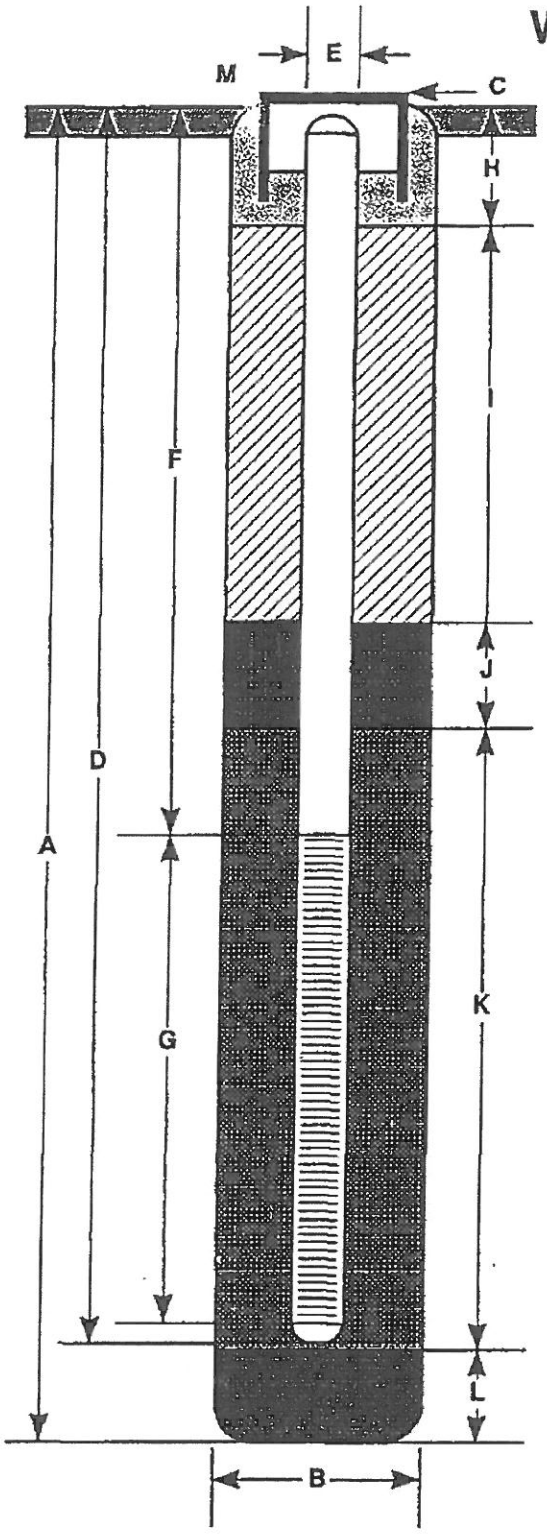
I: Gravel Pack: 17'
Pack Material: Monterey Sand
Size: #2/12

WELL COMPLETION DIAGRAM (U-3R)
76 Service Station No. 5760
San Lorenzo, California

PROJECT NO. C105760131	PREPARED BY TC	DRAWN BY TC
DATE 7/25/2007	REVIEWED BY	FILE NAME COP 5760

DELTA

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 29.0 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 40.53 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 28.0 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 15.0 ft.

G Perforated Length 13.0 ft.
Perforated Interval from 15.0 to 28.0 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0.5 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 11.0 ft.
Backfill Material Concrete Grout

J Seal from 11.0 to 13.0 ft.
Seal Material Bentonite

K Gravel Pack from 13.0 to 28.0 ft.
Pack Material #2/12 Graded Sand

L Bottom Seal 1.0 ft.
Seal Material Native Material

M Waterproof vault with locking well cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. U-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7809	CWP CEG 12/62	08/90		

Field location of boring: (See Plate 2)	Project No.: 7809	Date: 08/06/90	Boring No: U-4
	Client: UNOCAL #5760		
	Location: 376 Lewelling Boulevard		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: M.J.J.	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8-Inches	Top of Box Elevation: 40.53		Datum: MSL

Water Level	21.0'	20.33'
Time	13:05	16:10
Date	08/06/90	08/06/90

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				PAVEMENT SECTION - 0.5 feet
				1				FILL - Gravel (GW) - dark brown (7.5YR 3/4), loose, damp; 100% fine to coarse gravel; no chemical odor.
				2				SANDY SILT (ML) - very dark grayish brown (10YR 3/2), medium stiff, damp; 60% silt; 35% fine sand; 5% clay; no chemical odor.
				3				
	100	S&H		4				SILTY SAND (SM) - olive brown (2.5Y 4/4), loose, damp; 60% fine sand; 35% silt; 5% clay; no chemical odor.
0	100	push	U-4-5	5				
	100							
				6				
				7				
				8				
	125	S&H		9				SAND (SP) - dark yellowish brown (10YR 3/4), loose, damp; 85% medium to coarse sand; 10-15% fine gravel; trace silt; no chemical odor.
0	125	push	U-4-10	10				
	125							
				11				
				12				
				13				
				14				
	3							
0	3	S&H	U-4-15	15				SILT with SAND (ML) - very dark brown (10YR 2/2), medium stiff, damp; 80% silt; 10% clay; 10% fine sand; trace fine gravel; no chemical odor.
	3							
				16				
				17				
				18				
				19				

Remarks:

GSI GeoStrategies Inc.

Log of Boring

BORING NO. U-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7809	CEG 12/07	08/90		

Field location of boring:	Project No.: 7809	Date: 08/06/90	Boring No:
(See Plate 2)	Client: UNOCAL #5760		U-4
	Location: 376 Lewelling Boulevard		
	City: San Lorenzo, California		Sheet 2
	Logged by: M.J.J.	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		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	0			20				Moist at 20.0 feet.
0	0	S&H	U-4-20					Increasing sand at 20.0 feet; 70% silt; 25% sand; 5-10% clay; no chemical odor.
	4							
				21				
	6							
0	8	S&H	U-4-22	22				
	9							SAND with GRAVEL (SW) - dark brown (10YR 3/3), medium dense, saturated; 75% fine to coarse sand; 25% fine to coarse gravel; trace silt; no chemical odor.
				23				
				24				
				25				
				26				
	6							
0	8	S&H	U-4-27	27				CLAY (CL) - light olive brown (2.5Y 5/4), very stiff, damp, low to medium plasticity; 70% clay; 25% silt; 5% fine sand; no chemical odor.
	12							
	4			28				
0	10	S&H	U-4-29					
	14			29				
								Bottom of sample at 29.0 feet.
				30				Bottom of boring at 29.0 feet.
								08/06/90
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. U-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7809	RG CEG 12/92	08/90		

Field location of boring:

(See Plate 2)

Project No.:	780902	Date: 3/12/92	Boring No: U-5
Client:	Unocal Service Station #5760		
Location:	376 Lewelling		
City:	San Lorenzo, California		Sheet 1 of 2
Logged by:	TDL	Driller: W. Hazmat	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8 Inches

Top of Box Elevation: Datum:

Water Level	20.0 Ft	18.0 Ft		
Time	1:20	2:30		
Date	3/12	3/12		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				Pavement Section 1.0 feet
				2				SAND (SP) dark brown (10 YR 3/3) loose; damp; 100% fine sand; trace fines.
		S&H		5				Medium dense at 5.5 feet.
0	18			6				
		S&H		10				SAND WITH SILT (SW-SM) dark brown (10 YR 3/3) medium dense; damp; 90% fine sand, 10% silt.
0	12			11				
		S&H		15				SILT (ML) very dark grayish brown (10 YR 3/2) stiff; damp; 90% silt; 10% fine sand; slightly clayey; rootholes
0	9		U-5-16.5	16				
				18		▼		
				20		▽		

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. U-5

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/90		

Field location of boring:

(See Plate 2)

Project No.: 780902	Date: 3/12/92	Boring No: U-5	
Client: Unocal Service Station #5760			
Location: 376 Lewelling			
City: San Lorenzo, California		Sheet 2 of 2	
Logged by: TDL	Driller: W. Hazmat		

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8 inches

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
		S&H		21				SAND WITH SILT (SW-SM) very dark gray (10 YR 3/1)
0	15							medium dense; saturated; 90% fine sand, 10% silt.
				22				
				23				
				24				
				25				
		S&H		26				CLAY (CL) dark gray (10 YR 4/1) very stiff; saturated;
0	18							95% clay, 5% sand; slightly silty; mottling; nodules.
				27				
				28				
				29				
				30				
		S&H		31				SILT WITH SAND (ML) brown (10 YR 4/3) stiff; saturated;
0	8							85% silt, 15% fine sand; slightly clayey.
				32				
				33				Bottom of boring 31.5 feet.
				34				3/12/92
				35				
				36				
				37				
				38				
				39				
				40				

Remarks: Quickly saw 2 blades, 9809

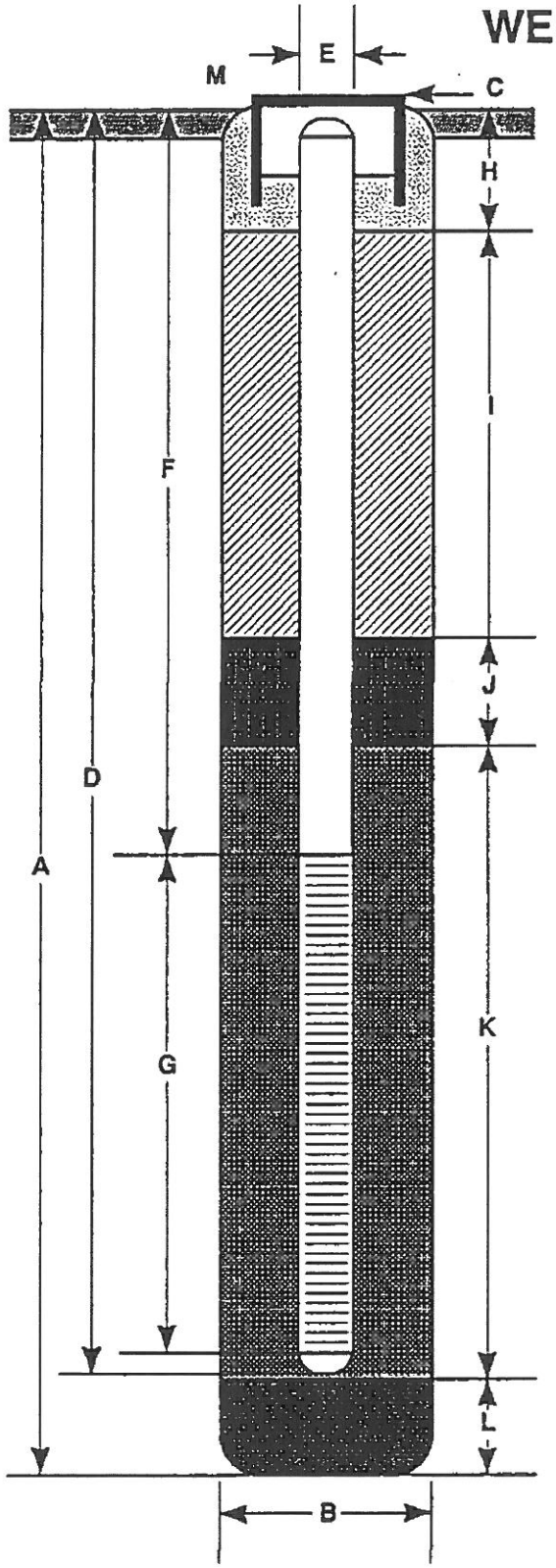
GSI GeoStrategies Inc.

Log of Boring

BORING NO. U-5

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 31.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 39.52 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 15 ft.

G Perforated Length 15 ft.
Perforated Interval from 15 to 30 ft.
Perforation Type Machine slot
Perforation Size 0.02 in.

H Surface Seal from 0 to 1 ft.
Seal Material Cement

I Backfill from 1 to 11 ft.
Backfill Material 11-Sack cement

J Seal from 11 to 13 ft.
Seal Material Bentonite

K Gravel Pack from 13 to 30 ft.
Pack Material Lone Star 2/12

L Bottom Seal None ft.
Seal Material

M Traffic-rated vault, locking cap and lock

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
U-5

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

Field location of boring:

(See Plate 2)

Project No.: 780902	Date: 3/13/92	Boring No: U-6	
Client: Unocal Service Station #5760			
Location: 376 Lewelling			
City: San Lorenzo, California		Sheet 1 of 2	
Logged by: TDL	Driller: W. Hazmat		

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8 Inch

Top of Box Elevation: Datum:

Water Level	20.0 Ft.			
Time	10:40			
Date	3/13			

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				Pavement section 1.0 foot
		S&H		6				SAND (SP) brown (10 YR 4/3) loose; damp; 100% fine
0	5							sand; trace clay
		S&H		11				SILT (ML) dark gray (10 YR 4/1) stiff; damp; 90% silt,10%
0	11							fine sand, trace clay.
		S&H		16				
0	8		U-6-16.5					Rootholes, mottling.
				20		▽		

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

GeoStrategies Inc.

Log of Boring

BORING NO. U-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

Field location of boring:

(See Plate 2)

Project No.: 7809	Date: 3/13/92		Boring No: U-6
Client: Unocal Service Station #5760			
Location: 376 Lewelling			
City: San Lorenzo, California			Sheet 2 of 2
Logged by: TDL	Driller: W. Hazmat		
Casing installation data:			
Drilling method: Hollow Stem Auger			
Hole diameter: 8 Inches	Top of Box Elevation:	Datum:	

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
		S&H		21				SAND (SP) dark gray (5 YR 4/1) medium dense;
0	12							saturated; 100% fine sand.
				22				CLAY (CL) very dark gray (5 YR 3/1) stiff; saturated; 90%
								clay, 10% sand, trace silt.
				23				
				24				
				25				Color change to olive (5 YR 5/3) , very stiff; mottling at
0	26	S&H						25 feet.
				26				
				27				
				28				
				29				
				30				
		S&H						SILT (ML) brown (10 YR 5/3) very stiff; saturated; 80%
0	26			31				silt, 20% sand, slightly clayey; mottling.
								SAND (SP) brown (10 YR 4/3) dense; saturated; 100%
				32				fine sand, slightly clayey.
				33				
				34				
				35				Bottom of boring 31.5 feet.
				36				3/13/92
				37				
				38				
				39				
				40				

Remarks:

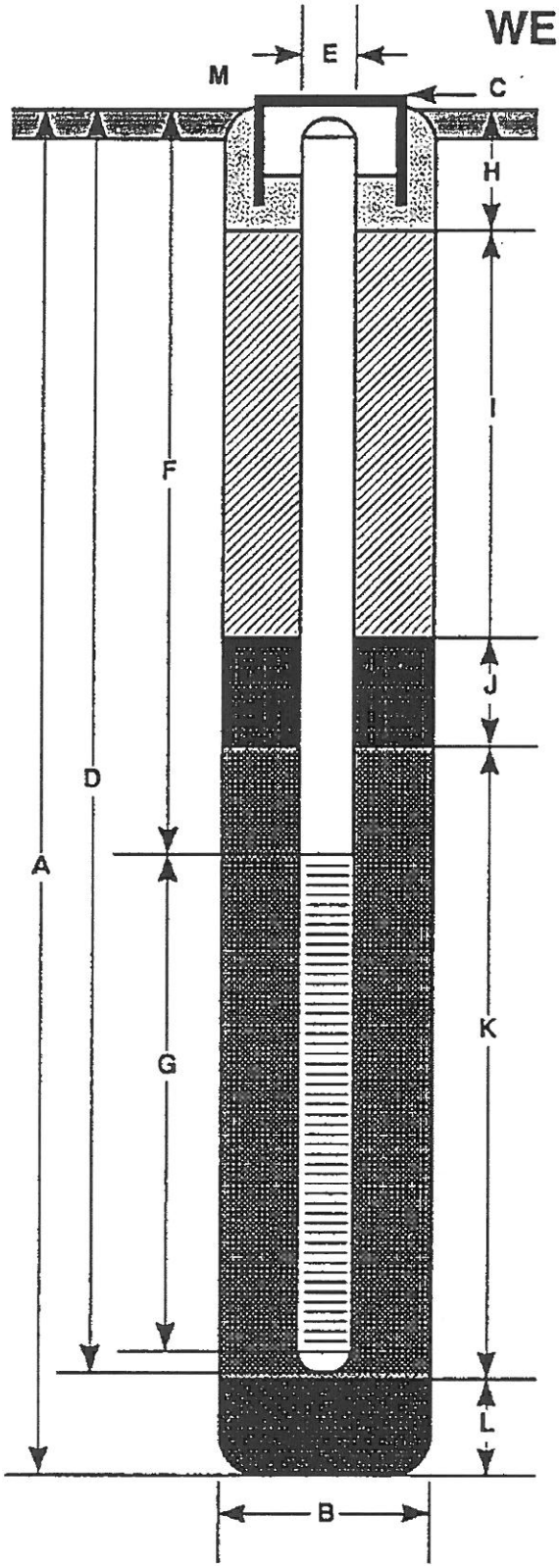
GeoStrategies Inc.

Log of Boring

BORING NO. U-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 31.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 37.80 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 28 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 13 ft.

G Perforated Length 15 ft.
Perforated Interval from 13 to 28 ft.
Perforation Type Factory Slot
Perforation Size 0.02 in.

H Surface Seal from 0 to 1 ft.
Seal Material Cement

I Backfill from 1 to 9 ft.
Backfill Material 11-Sack cement

J Seal from 9 to 11 ft.
Seal Material Bentonite

K Gravel Pack from 11 to 28 ft.
Pack Material Lonestar 2/12

L Bottom Seal 2 ft.
Seal Material Bentonite

M Traffic-rated vault, locking cap and lock

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. U-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

Field location of boring:

(See Plate 2)

Project No.:	780902	Date: 3/13/92	Boring No: U-7
Client:	Unocal Service Station #5760		
Location:	376 Lewelling		
City:	San Lorenzo, California		Sheet 1 of 2
Logged by:	TDL	Driller: W. Hazmat	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-inch

Top of Box Elevation: Datum:

Water Level	20.0 Ft.			
Time	1:40			
Date	3/13			

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								Pavement section 1.0 foot
				1				
								SAND (SP) brown (10 YR 4/3) loose; damp; 100% fine sand; roots
				2				
				3				
				4				
				5				Medium dense at 5 feet.
0	19	S&H		6				
				7				
				8				
				9				
				10				
		S&H		11				Color change to olive gray (5 YR 4/2); roots.
0	22			12				
				13				
				14				
				15				
		S&H	U-7-16.0	16				CLAY (CL) very dark grayish brown (10 YR 3/2) stiff; moist; trace sand.
0	11			17				
				18				
				19				
				20		▽		Saturated at 20 feet.

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

GeoStrategies Inc.

Log of Boring

BORING NO. U-7

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

Field location of boring:

(See Plate 2)

Project No.: 780902	Date: 3/13/92	Boring No: U-7	
Client: Unocal Service Station #5760			
Location: 376 Lewelling			
City: San Lorenzo, California		Sheet 2 of 2	
Logged by: TDL	Driller: W. Hazmat		

Drilling method: Hollow Stem Auger

Hole diameter: 8 Inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level	20.0 Ft.			
Time	12:10			
Date	3/13			

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								No sample recovery (heaving sands)
				21				
				22				
				23				
				24				
				25				
		S&H						SAND (SP) dark gray (10 YR 4/1) medium dense;
0	23			26				saturated; 100% medium to coarse subrounded sand.
				27				
				28				
		S&H		29				
0	18			30				
				31				
				32				
				33				
				34				
				35				CLAY (CL) brown (10 YR 5/3) very stiff; saturated; 100%
0	19	S&H						fines, slightly silty.
				36				
								Bottom of boring 36.5 feet.
				37				
								3/13/92
				38				
				39				
				40				

Remarks:

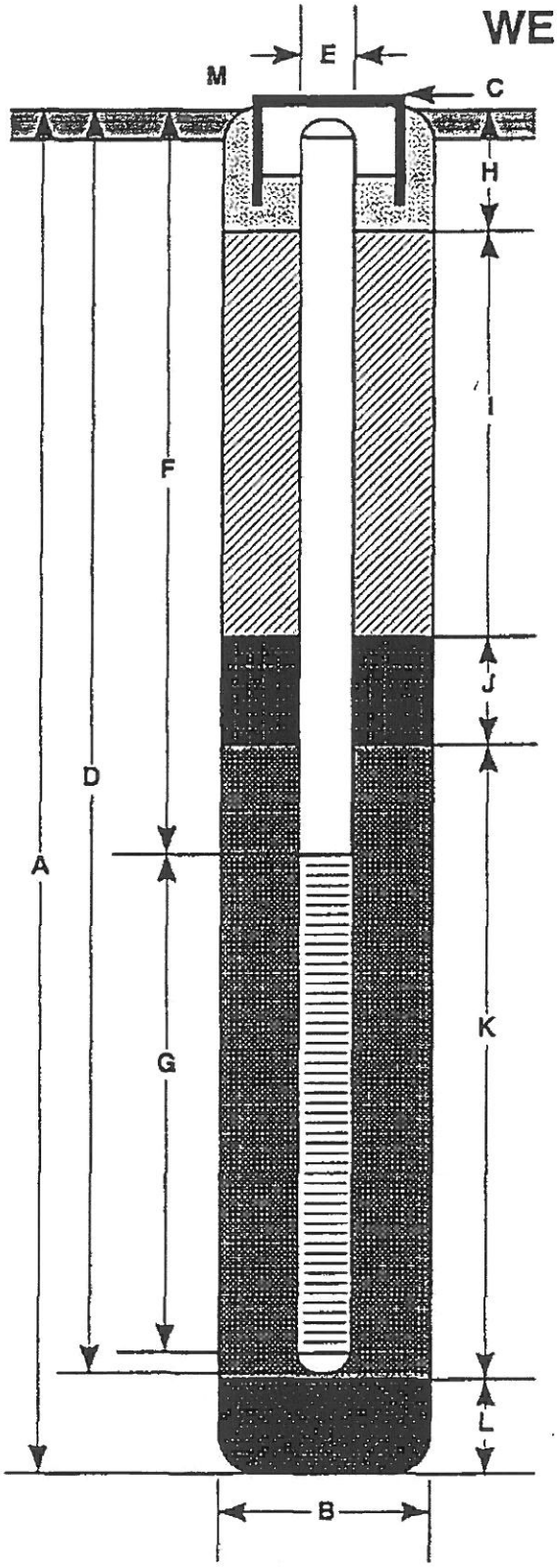
GeoStrategies Inc.

Log of Boring

BORING NO. U-7

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 36.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 37.37 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 35 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 15 ft.

G Perforated Length 20 ft.
Perforated Interval from 15 to 35 ft.
Perforation Type Machine slot
Perforation Size 0.02 in.

H Surface Seal from 0 to 1 ft.
Seal Material Cement

I Backfill from 1 to 11 ft.
Backfill Material 11-Sack cement

J Seal from 11 to 13 ft.
Seal Material Bentonite

K Gravel Pack from 13 to 35 ft.
Pack Material Lonestar 2/12

L Bottom Seal none ft.
Seal Material

M Traffic-rated vault, locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. U-7

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

Field location of boring: (See Plate 2)	Project No.: 780902	Date: 3/12/92	Boring No: U-8
	Client: Unocal Service Station #5760		
	Location: 376 Lewelling		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: TDL	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8 inch	Top of Box Elevation:	Datum:	

Water Level	20 Ft.	17.5 Ft.								
Time	10:30	2:30								
Date	3/12	3/12								

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				Pavement section 1.0 foot
				2				SANDY CLAY (CL) very dark grayish brown (10 YR 3/2) soft; damp; 60% clay; 40% fine sand.
				3				
				4				
				5				
		S&H		6				SAND WITH SILT (SW-SM) dark brown (10 YR 3/3) loose;
0	7							damp; 90% fine sand; 10% silt.
				7				
				8				
				9				
				10				
		S&H		11				SANDY CLAY (CL) dark gray (10 YR 4/1) stiff; damp;
0	7							70% clay, 30% fine sand; mottled; rootholes.
				12				
				13				
				14				
				15				
		S&H						Decrease sand to 10%
0	12		U-8-16.5	16				
				17				
				18		▼		
				19				
				20		▽		

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

GSI GeoStrategies Inc.

Log of Boring

BORING NO. U-8

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

Field location of boring:

(See Plate 2)

Project No.: 780902	Date: 3/12/92	Boring No: U-8	
Client: Unocal Service Station #5760			
Location: 376 Lewelling			
City: San Lorenzo, California		Sheet 2 of 2	
Logged by: TDL	Driller: W. Hazmat		

Drilling method: Hollow Stem Auger

Hole diameter: 8 Inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level								
Time								
Date								

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
		S&H		21				SAND (SP) brown (10 YR 4/3) medium dense; saturated;
0	26							80% fine sand, 20% medium sand
				22				
				23				
				24				
				25				
		S&H		26				CLAY (CL) very dark gray (10 YR 3/1) very stiff;
0	24							saturated; 80% clay, 20% silt; trace firm sand.
				27				
				28				
				29				
				30				
		S&H		31				SILT WITH SAND (ML) dark grayish brown (10 YR 4/2)
0	23							very stiff; saturated; 75% silt; 25% fine sand,
				32				moderately clay.
				33				
				34				Bottom of boring 31.5 feet.
				35				3/12/92
				36				
				37				
				38				
				39				
				40				

Remarks:

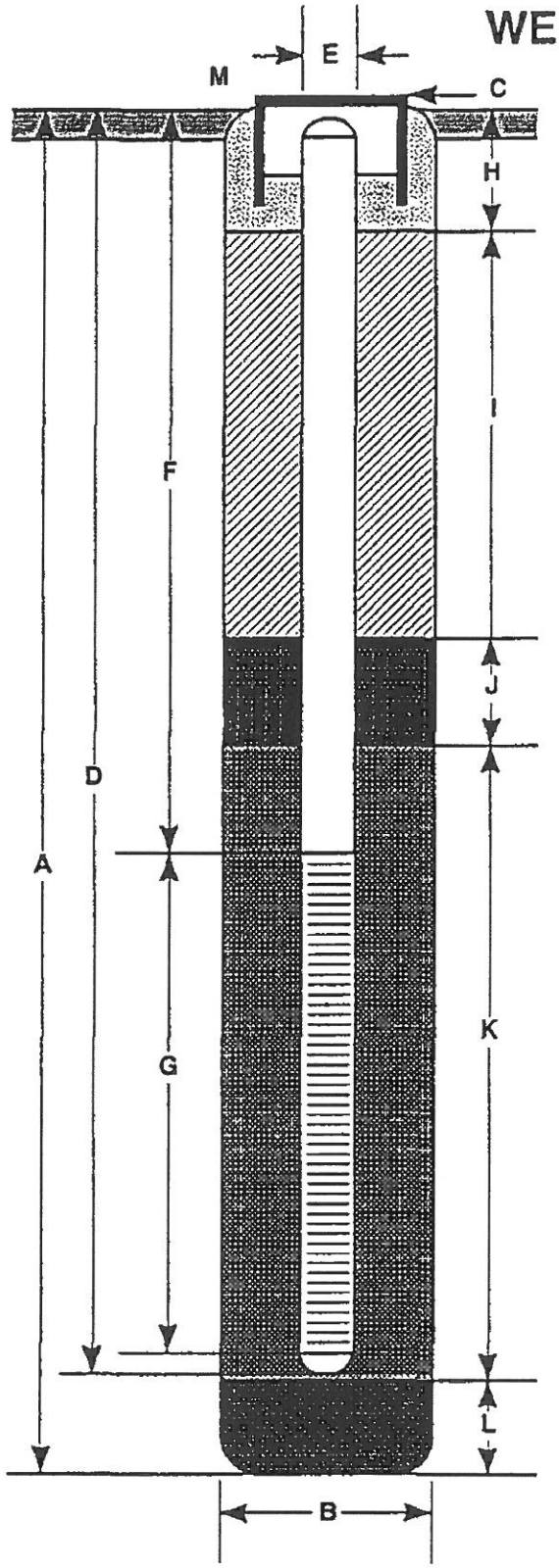
GeoStrategies Inc.

Log of Boring

BORING NO. U-8

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 31.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 38.81 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 15 ft.

G Perforated Length 15 ft.
Perforated Interval from 15 to 30 ft.
Perforation Type Machine slot
Perforation Size 0.02 in.

H Surface Seal from 0 to 1 ft.
Seal Material Cement

I Backfill from 1 to 11 ft.
Backfill Material 11-Sack cement

J Seal from 11 to 13 ft.
Seal Material Bentonite

K Gravel Pack from 13 to 30 ft.
Pack Material Lone Star, 2/12

L Bottom Seal None ft.
Seal Material

M Traffic-rate vault, locking cap and lock

Note: Depths measured from initial ground surface.

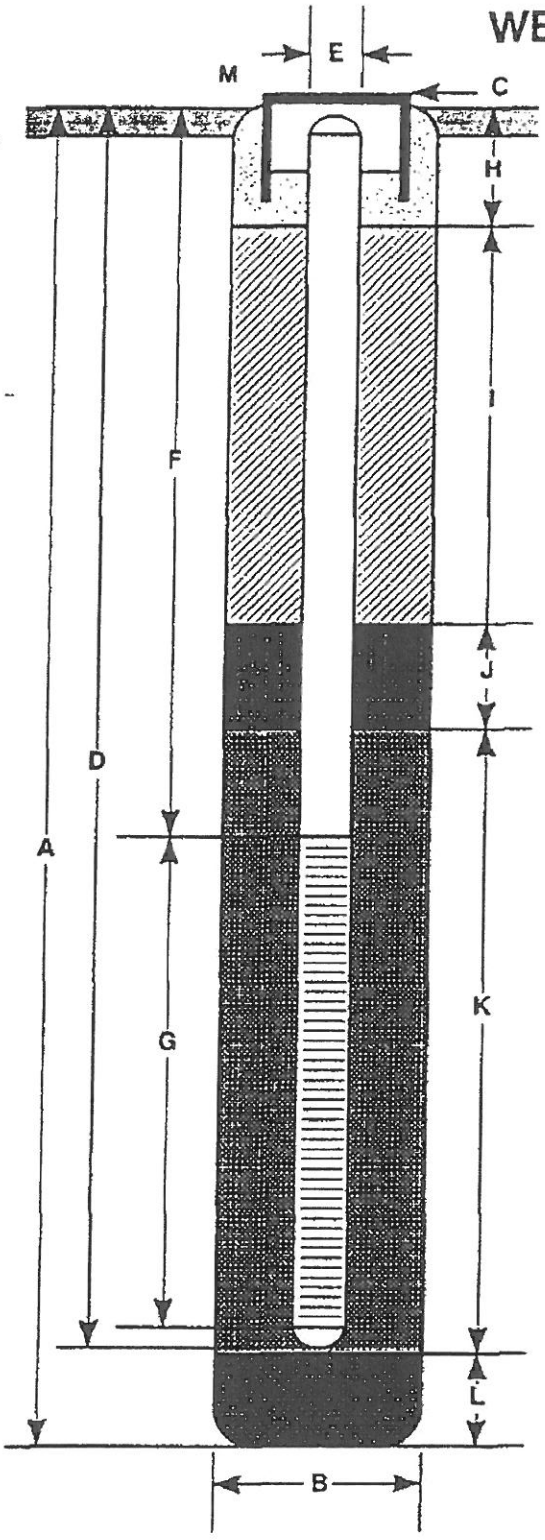
GeoStrategies Inc.

Well Construction Detail

WELL NO. U-8

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780902		3/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 31.0 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 37.88 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 28 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 13.0 ft.

G Perforated Length 15.0 ft.
Perforated Interval from 13.0 to 28.0 ft.
Perforation Type Machine Slotted
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 9.0 ft.
Backfill Material Cement

J Seal from 9.0 to 11.0 ft.
Seal Material Bentonite

K Gravel Pack from 11.0 to 28.0 ft.
Pack Material Lonestar 2/12

L Bottom Seal Sluff 31.0-29.0 ft
Seal Material Bentonite 29.0-28.0 ft.

M Water-resistant vault box, locking waterproof well cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. U-9

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780907	SAC, RG 5577	5/93		

Field location of boring: (See Plate 2)	Project No.: 780907	Date: 5/25/93	Boring No.: U-9
	Client: UNOCAL Service Station #5760		
	Location: 376 Lewelling Boulevard		
	City: San Lorenzo, California		Sheet 1 of 2
	Logged by: ECF	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8 inches	Top of Box Elevation:	Datum:	

Water Level	15.0	14.5								
Time	09:30	17:45								
Date	5/25/93	5/25/93								

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 8 inches
								SILTY SAND (SM) - dark brown (7.5YR 3/2); loose, moist; 85% fine sand, 15% silt.
				2				
				3				
	>200	Push	U-9	4				Paper debris at 4.0 ft.
			4.5	5				SAND WITH SILT (SP-SM) - light olive brown (2.5Y 5/4); medium dense, moist; 90% medium sand, 10% silt, trace gravel.
				6				
				7				
				8				
				9				
				10				
		S&H						SILT WITH SAND (ML) - dark grayish brown (10YR 4/2); stiff, moist; 80% silt, 20% fine sand, trace coarse sand; medium plasticity.
			U-9	11				
0	10		11.5	12				
				13				
				14				
				15				Saturated at 15.0 ft.
		S&H	U-9					
0.2	10		16.0	16				
				17				
				18				
				19				
				20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

GeoStrategies Inc.

Log of Boring

BORING NO. U-9

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780907	CEG, RG 5577	5/93		

Field location of boring: (See Plate 2)	Project No.: 780907	Date: 5/25/93	Boring No.: U-9
	Client: UNOCAL Service Station #5760		
	Location: 376 Lewelling Boulevard		Sheet 2
	City: San Lorenzo, California		of 2
	Logged by: ECF	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8 Inches	Top of Box Elevation:	Datum:	

	Water Level	Time	Date

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
		S&H						SAND (SP) - light olive brown (2.5Y 5/4); loose,
			U-9	21				saturated; 80% coarse sand, 10% fine sand, 5% gravel.
2.1	9		21.5					
				23				
				24				
				25				CLAY (CL) - light yellowish brown (2.5Y 6/4); hard,
		S&H	U-9					saturated; 95% clay, 5% coarse sand ; medium plasticity.
0.5	36		26.0	26				
				27				
				28				
				29				
				30				Consistency decreasing to very stiff at 30.0 ft.; trace gravel.
		S&H	U-9					
0	26		31.0	31				
				32				
				33				Bottom of boring at 31.0 ft. 5/25/93
				34				
				35				
				36				
				37				
				38				
				39				
				40				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. U-9

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
780907	SIC RG 5577	5/93		

Attachment C

Well Destruction Permits

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/12/2015 By jamesy

Permit Numbers: W2015-0201 to W2015-0207
Permits Valid from 03/30/2015 to 03/30/2015

Application Id: 1425670000266 **City of Project Site:** San Lorenzo
Site Location: 376 Lewelling Blvd, San Lorenzo, CA
Project Start Date: 03/30/2015 **Completion Date:** 03/30/2015
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant: Stantec - Sean Coyle **Phone:** 916-384-0740
3017 Kilgore Rd, Rancho Cordova, CA 95670
Property Owner: Ramash & Pramila Sood Trust **Phone:** 510-481-9260
7193 Fawn Hills Ln, Pleasanton, CA 94566
Client: Chevron Environmental Mgmt Co. **Phone:** 925-790-6912
6101 Bollinger Canyon Rd, San Ramon, CA 94583

Total Due: $2779.00
Receipt Number: WR2015-0107 **Total Amount Paid:** $2779.00
Payer Name : Stantec Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 7 Wells
Driller: National Exploration & Wells - Lic #: 953646 - Method: other **Work Total: $2779.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-0201	03/12/2015	06/28/2015	U-1R	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	W2007-0634	749531
W2015-0202	03/12/2015	06/28/2015	U-3R	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	W2007-0635	749532
W2015-0203	03/12/2015	06/28/2015	U-4	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	No Records	No Records
W2015-0204	03/12/2015	06/28/2015	U-5	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	No Records	No Records
W2015-0205	03/12/2015	06/28/2015	U-6	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	No Records	No Records
W2015-0206	03/12/2015	06/28/2015	U-7	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	No Records	No Records
W2015-0207	03/12/2015	06/28/2015	U2	8.00 in.	25.00 in.	7.00 ft	25.00 ft	3S/2W7F	No Records	No Records

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

8. Remove the Christy box or similar structure. Destroy wells U-5, U-6 and U-7 by overdrilling the upper 5ft. bgs & Tremie Grouting with Cement. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

9. Remove the Christy box or similar structure. Destroy all other wells by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

10. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/12/2015 By jamesy

Permit Numbers: W2015-0208
Permits Valid from 03/16/2015 to 03/16/2015

Application Id:	1425580480838	**City of Project Site:**	San Lorenzo
Site Location:	369 Albion Avenue, San Lorenzo, CA		
Project Start Date:	03/16/2015	**Completion Date:**	03/16/2015
Assigned Inspector:	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org		

Applicant:	Stantec - Sean Coyle 3017 Kilgore Rd, Rancho Cordova, CA 95670	**Phone:** 916-384-0740
Property Owner:	Castagnetta Trust 22470 Foothill Bl, Hayward, CA 94541	**Phone:** --
Client:	Chevron Envrtl Mgmt Co. 6101 Bollinger Canyon Rd, San Ramon, CA 94583	**Phone:** 925-790-6912

Total Due: $397.00
Receipt Number: WR2015-0108 **Total Amount Paid:** $397.00
Payer Name : Stantec Consulting Services, Inc. Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 1 Wells
Driller: Nastional Exploration and Wells` - Lic #: 953646 - Method: other **Work Total: $397.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-0208	03/12/2015	06/14/2015	U8	8.00 in.	2.00 in.	1.00 ft	31.50 ft	3S/2W7F	No Records	No Records

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and

all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/12/2015 By jamesy

Permit Numbers: W2015-0209
Permits Valid from 03/16/2015 to 03/16/2015

Application Id:	1425581422255	**City of Project Site:**	San Lorenzo
Site Location:	439-467 Albion Avenue, San Lorenzo, CA		
Project Start Date:	03/16/2015	**Completion Date:**	03/16/2015
Assigned Inspector:	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org		

Applicant:	Stantec - Sean Coyle 3017 Kilgore Rd, Rancho Cordova, CA 95670	**Phone:** 916-384-0740
Property Owner:	David Reimen 41 Kensington Ct, Kensington, CA 94707	**Phone:** --
Client:	Chevron Envrtl Mgmt Co. 6101 Bolinger Canyon Rd, San Ramon, CA 94583	**Phone:** 925-790-6912

	Total Due:	$397.00
Receipt Number: WR2015-0109	**Total Amount Paid:**	$397.00
Payer Name : Stantec	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 1 Wells
Driller: National Exploration and Wells - Lic #: 953646 - Method: other **Work Total: $397.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2015-0209	03/12/2015	06/14/2015	U9	8.00 in.	2.00 in.	1.50 ft	31.00 ft	3S/2W7F17	93254	579444

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Include permit number and site map.

4. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to,

property damage, personal injury and wrongful death.

5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

7. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.