CAMBRIA

August 16, 2006

Ms. Ann Roth
California Department of Water Resources (DWR)
901 P Street, 3rd Floor
Sacramento, California 95814

Re: Well Completion Reports

Former Texaco Service Station Site # 30-6799 5815 Market Street Oakland, CA

Dear Ms. Roth:



Cambria Environmental Technology, Inc. (Cambria), on behalf of Chevron Environmental Management Company (Chevron), is submitting the following DWR Well Completion Reports in conjunction with well installation activities at the subject site.

Attached are the prepared well completion reports, boring logs, and a Site Plan.

Thank you for your assistance. If you have any questions or comments, please contact Lelia Pascale, at (510) 420-3350 or via email at lpascale@cambria-env.com.

Sincerely,

Cambria Environmental Technology, Inc.

Lelia Pascale

Senior Staff Geologist

cc:

Woodward Drilling Company, Inc., 550 River Road, Rio Vista, CA 94571

Alameda County Database

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Cambria Environmental Technology, Inc.

5900 Hollis Street Suite A Emeryville, CA 94608 Tel (510) 420-0700 Fax (510) 420-9170

*The free Adobe Reader may be used to view and complete	this form. However, software mu	st be purchased to comp	lete, save, and reuse a sav	ved form.
File Original with DWR	State of Calif		e Only – Do Not Fill In	
Page of 6	Well Completion Refer to Instruction I	on Report	State Wel	I Number/Site Number
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₩ Well Construction Diagram ☐ Geophysical Log(s)				
☐ Soil/Water Chemical Analyses	F.O. Box 3	36 F	City	CA 9457/ State 710079
Other Str. Plan Attach additional information, if it exists.	Signed Hanca Jour	Vell Contractor	DC Date Signed	C-57 License Number
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Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A Emeryville, CA 94608 Telephone: 510-420-0700

Fax: 510-420-9170

BORING/WELL NAME MW-1 Chevron Products Company CLIENT NAME 24-Mar-06 **DRILLING STARTED** JOB/SITE NAME 30-6799 DRILLING COMPLETED ___27-Mar-06 LOCATION 5815 Market Street, Oakland WELL DEVELOPMENT DATE (YIELD) NΑ PROJECT NUMBER 31J-2224 71.66 ft above msl Woodward Drilling Co., C57# 710079 **GROUND SURFACE ELEVATION_** DRILLER TOP OF CASING ELEVATION 71.66 ft above msl DRILLING METHOD Hollow-stem auger **SCREENED INTERVALS** 4 to 14 fbg BORING DIAMETER 8" 5.0 fbg (24-Mar-06) L. Pascale DEPTH TO WATER (First Encountered) LOGGED BY REVIEWED BY __ L. Genin **DEPTH TO WATER (Static)** NA

REMARKS Hand Augered to 8 fbg. CONTACT DEPTH (fbg) GRAPHIC LOG SAMPLE ID (mdd) BLOW COUNTS EXTENT DEPTH U.S.C.S. (fgg) WELL DIAGRAM LITHOLOGIC DESCRIPTION 5 0.5 Asphalt Baserock 1.0 Portland Type Clayey SILT: Dark gray with black mottling (5Y 4/1); 55% I/II Cement silt, 45% clay; high plasticity; wet; low estimated permeability. Bentonite Seal $\bar{\Delta}$ 155 MW-1 @ 5 @ 5 fbg change in coloration to gray (5Y 5/1); trace ML coarse sand present. 5 ✓ Monterey
✓ Sand #2/4 Sand #2/12 11 2"-diam., 15 MW-1 @ 9.5 @ 9.5 fbg change in coloration to olive gray with brown 0 0.020" Slotted 10.5 mottling (5Y 4/2); very stiff. Schedule 40 6 Silty SAND: Dark yellowish brown with gray mottling, red oxidation stains and black coarse sand (10YR 4/6); 50% **PVC** 9 SM 12.0 10 sand, 30% silt, 15% angular gravel (0.75"), 5% clay; no 3 plasticity; medium dense; moist; moderate estimated permeability. 6 WELL LOG (PID) 1:3306799 JIMMIES HOUSE OF SPARKLESIGINTIMW-1-6. SB5-9.GPJ DEFAULT.GDT 8 Sandy SILT with Clay: Yellowish brown with orange staining and black fine sand (10YR 5/6); 50% silt, 30% 10 ML 5 sand, 15% clay, 5% angular gravel (0.75"); moderate plasticity; moist; moderate permeability. 9 Monterey 14 MW-1 @ 15 14 Sand #2/12 @ 13.5 fbg change in coloration to pale olive (5Y 6/3). 22 16.0 Bottom of Boring @ 16 fbg





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BORING/WELL NAME MW-2 **CLIENT NAME** Chevron Products Company 30-6799 **DRILLING STARTED** 24-Mar-06 JOB/SITE NAME DRILLING COMPLETED 27-Mar-06 5815 Market Street, Oakland LOCATION WELL DEVELOPMENT DATE (YIELD) NA 31J-2224 PROJECT NUMBER Woodward Drilling Co., C57# 710079 **GROUND SURFACE ELEVATION** 72.18 ft above msl TOP OF CASING ELEVATION 72.18 ft above msl DRILLING METHOD Hollow-stem auger 8" **SCREENED INTERVALS** 4 to 14 fbg BORING DIAMETER _ 5.0 fbg (24-Mar-06) DEPTH TO WATER (First Encountered) ___ LOGGED BY L. Pascale NA REVIEWED BY ___ L. Genin **DEPTH TO WATER (Static)** REMARKS Hand Augered to 8 fbg.

CONTACT DEPTH (fbg) GRAPHIC LOG (mdd) BLOW U.S.C.S. DEPTH (fbg) EXTENT SAMPLE LITHOLOGIC DESCRIPTION WELL DIAGRAM 딢 0.5 **Asphalt** Baserock 1.0 Portland Type Clayey SILT: Black (2.5Y 5/2); 60% silt, 35% clay, 5% I/II Cement coarse sand; moderate plasticity; dry; low estimated Bentonite Seal permeability. @ 4 fbg change in coloration to olive gray (5Y 5/2); ∇ increase in coarse sand. MW-2 @ 5 2 ML 3 @ 8 fbg orange staining due to oxidation present; stiff. Monterey 6 Sand #2/12 9 2"-diam., 12 @ 9.5 fbg change in coloration to dark grayish brown (2.5Y 4/2); very stiff. 0 MW-2 @ 9.5 0.020" Slotted 5 Schedule 40 7 PVC 8 14 4/20/06 3 WELL LOG (PID) 1:336799 JIMMIES HOUSE OF SPARKLES/GINT/MW-1-6, SB5-9.GPJ DEFAULT.GDT 5 14 0 MW-2 @ 13.5 @ 13.5 fbg change in coloration to gray brown (2.5Y 5.2); Bottom of black fine sand present; stiff. Boring @ 14 fbg

BORING/WELL LOG

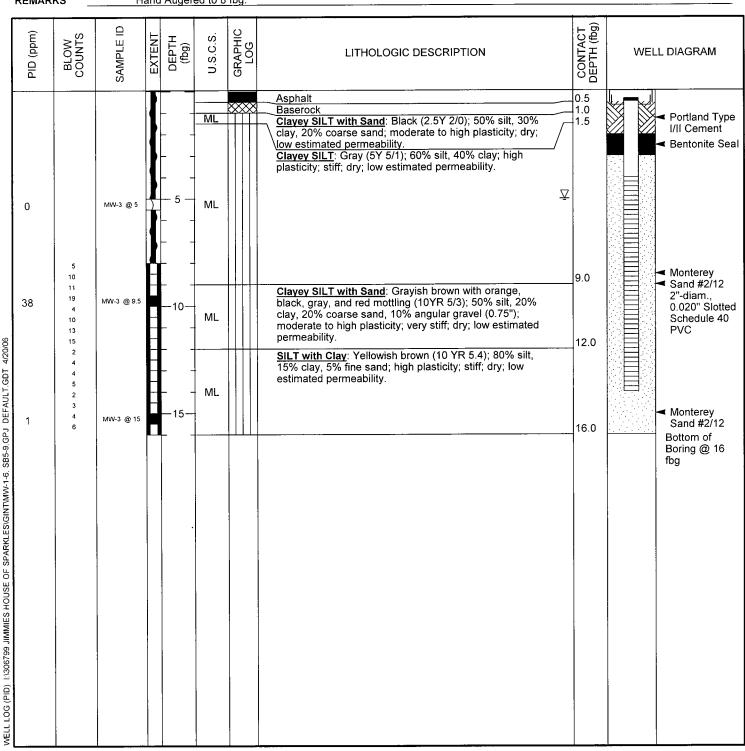


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Chevron Products Company **BORING/WELL NAME** MW-3 **CLIENT NAME** 30-6799 27-Mar-06 **DRILLING STARTED** JOB/SITE NAME DRILLING COMPLETED 28-Mar-06 5815 Market Street, Oakland LOCATION WELL DEVELOPMENT DATE (YIELD) NΑ PROJECT NUMBER 31J-2224 72.32 ft above msl Woodward Drilling Co., C57# 710079 **GROUND SURFACE ELEVATION_ DRILLER** TOP OF CASING ELEVATION 72.32 ft above msl Hollow-stem auger DRILLING METHOD SCREENED INTERVALS 4 to 14 fbg 8" BORING DIAMETER 5.0 fbg (27-Mar-06) L. Pascale DEPTH TO WATER (First Encountered) LOGGED BY REVIEWED BY L. Genin **DEPTH TO WATER (Static)** NA

Hand Augered to 8 fbg. REMARKS

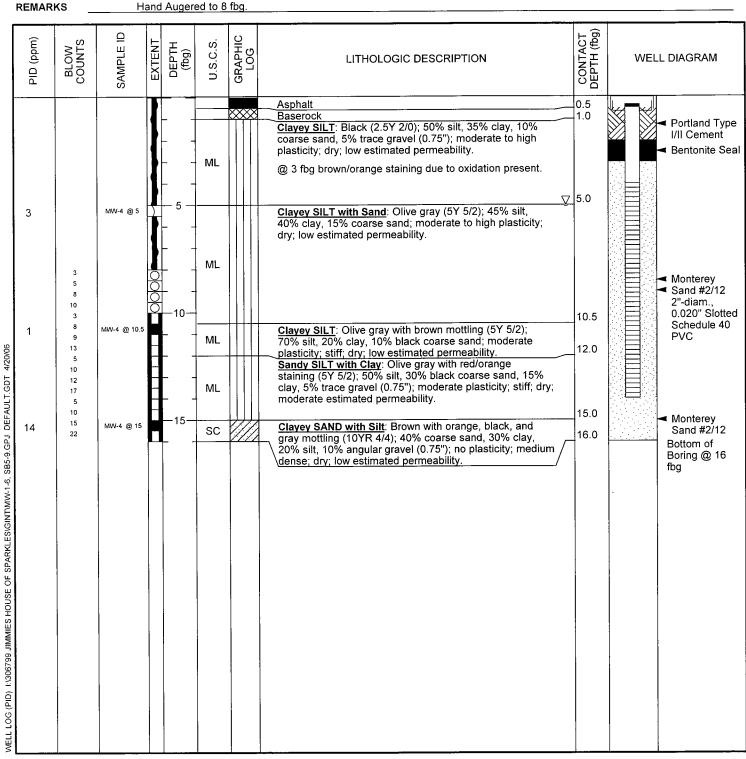






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CLIENT NAME	Chevron Products Company	BORING/WELL NAME MW-4		
JOB/SITE NAME	30-6799	DRILLING STARTED 24-Mar-06	·-··	
LOCATION	5815 Market Street, Oakland	DRILLING COMPLETED 27-Mar-06		
PROJECT NUMBER	31J-2224	WELL DEVELOPMENT DATE (YIELD)	VA	
DRILLER	Woodward Drilling Co., C57# 710079	GROUND SURFACE ELEVATION	71.98 <u>ft above msl</u>	
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION 71.98 ft a	bove msl	
BORING DIAMETER	8"	SCREENED INTERVALS 4 to 14 fb	g	
LOGGED BY	L. Pascale	DEPTH TO WATER (First Encountered)	5.0 fbg (24-Mar-06)	Δ
REVIEWED BY	L. Genin	DEPTH TO WATER (Static)	NA	Ţ
	Library Assessed to O floor			



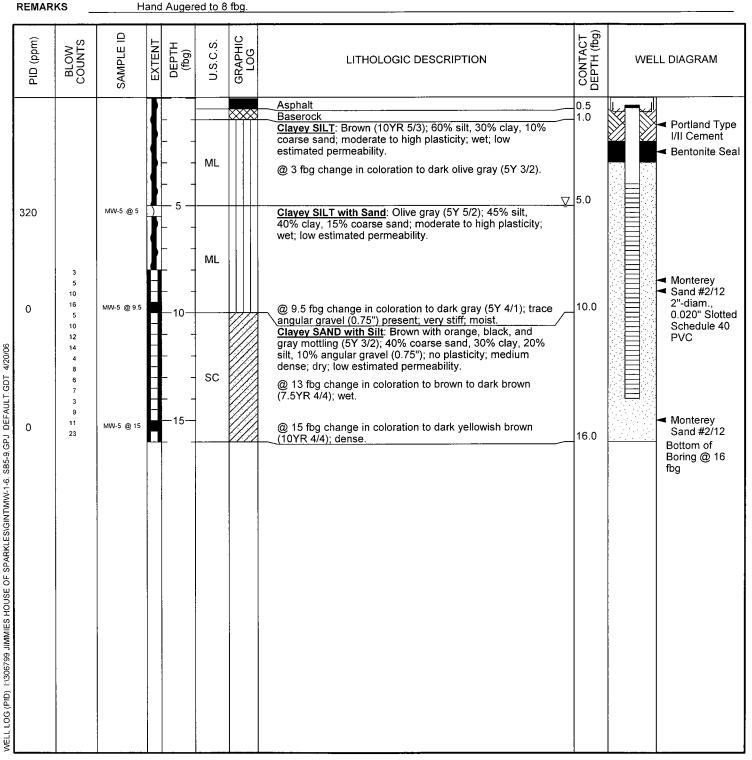




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CLIENT NAME Chevron Products Company **BORING/WELL NAME** MW-5 23-Mar-06 JOB/SITE NAME 30-6799 **DRILLING STARTED** DRILLING COMPLETED 28-Mar-06 5815 Market Street, Oakland LOCATION WELL DEVELOPMENT DATE (YIELD) PROJECT NUMBER 31J-2224 71.84 ft above msl Woodward Drilling Co., C57# 710079 **GROUND SURFACE ELEVATION_** DRILLER TOP OF CASING ELEVATION 71.84 ft above msi DRILLING METHOD Hollow-stem auger **SCREENED INTERVALS** 4 to 14 fba BORING DIAMETER LOGGED BY L. Pascale DEPTH TO WATER (First Encountered) 5.0 fbg (23-Mar-06) REVIEWED BY L. Genin **DEPTH TO WATER (Static)** NA

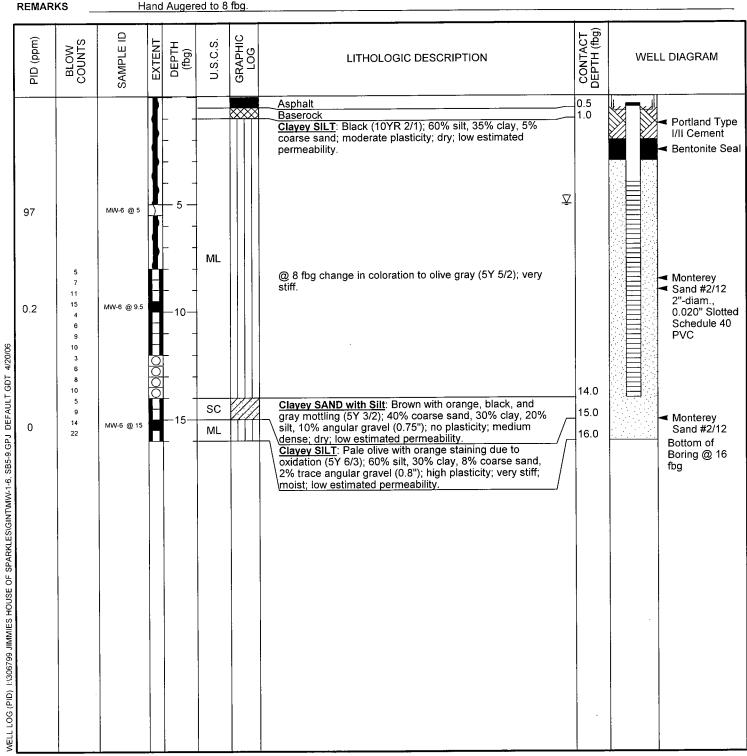






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CLIENT NAME	Chevron Products Company	BORING/WELL NAME MW-6		
JOB/SITE NAME	30-6799	DRILLING STARTED 24-Mar-06		
LOCATION	5815 Market Street, Oakland	DRILLING COMPLETED28-Mar-06	· · · · · · · · · · · · · · · · · · ·	
PROJECT NUMBER	31J-2224	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER	Woodward Drilling Co., C57# 710079	GROUND SURFACE ELEVATION	71.35 ft above msl	
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION 71.35 ft a	bove msl	
BORING DIAMETER	8"	SCREENED INTERVALS 4 to 14 fb	g	
LOGGED BY	L. Pascale	DEPTH TO WATER (First Encountered)	5.0 fbg (24-Mar-06)	$\overline{\Delta}$
REVIEWED BY	L. Genin	DEPTH TO WATER (Static)	NA	Ţ



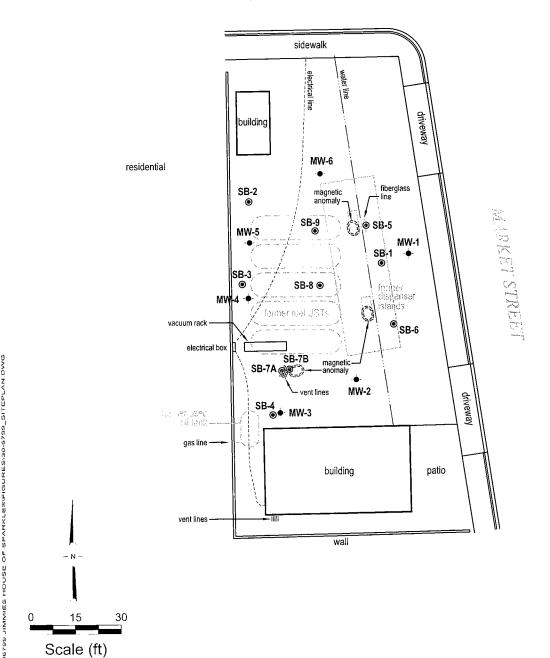
EXPLANATION

MW-1 • Monitoring well location

1

SB-1 ● Soil boring location

59th STREET



FIGURE

2

Former Texaco Service Station

5815 Market Street Oakland, California



Site Plan

Well Drillers Authorization Letter

Site Name:

FORMER TEXACO #306799

Site Address:

5815 MARKET STREET

City:

OAKLAND, CA

Well Driller

Woodward Drilling Co., Inc.

Drillers Address

P.O. Box 336

City, State, Zip

Rio Vista, CA 94571

Drillers Phone #

(707) 374 - 4300

C-57 License #

710079 Exp. Date 7/31/2007

For the sole purpose of procuring permits for drilling, well construction, and well destruction's, I hereby designate the following entities to act as our authorized representative.

Name:

Kamran Javandel

Company:

Cambria Environmental Technology, Inc.

Address:

5900 Hollis Street, Suite A

City, State, Zip

Emeryville, California, 94608

I understand that as the applicant for permits, I am responsible for compliance with all provisions of the permits. I also understand that upon written notification, that I may rescind this Authorization.

Signed:

Printed:

Wayne G. Woodward

Date: