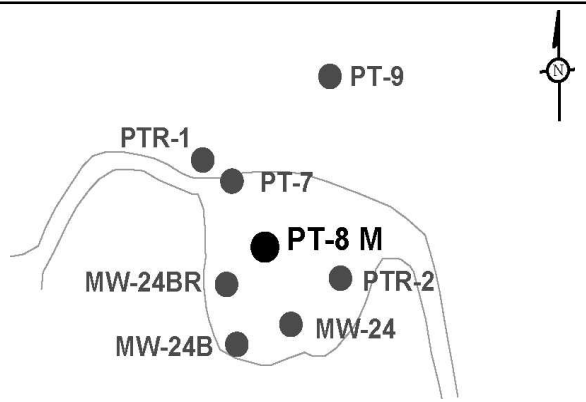


LOG OF BORING PT-8 M

**PG&E Topock Site
Needles, California**

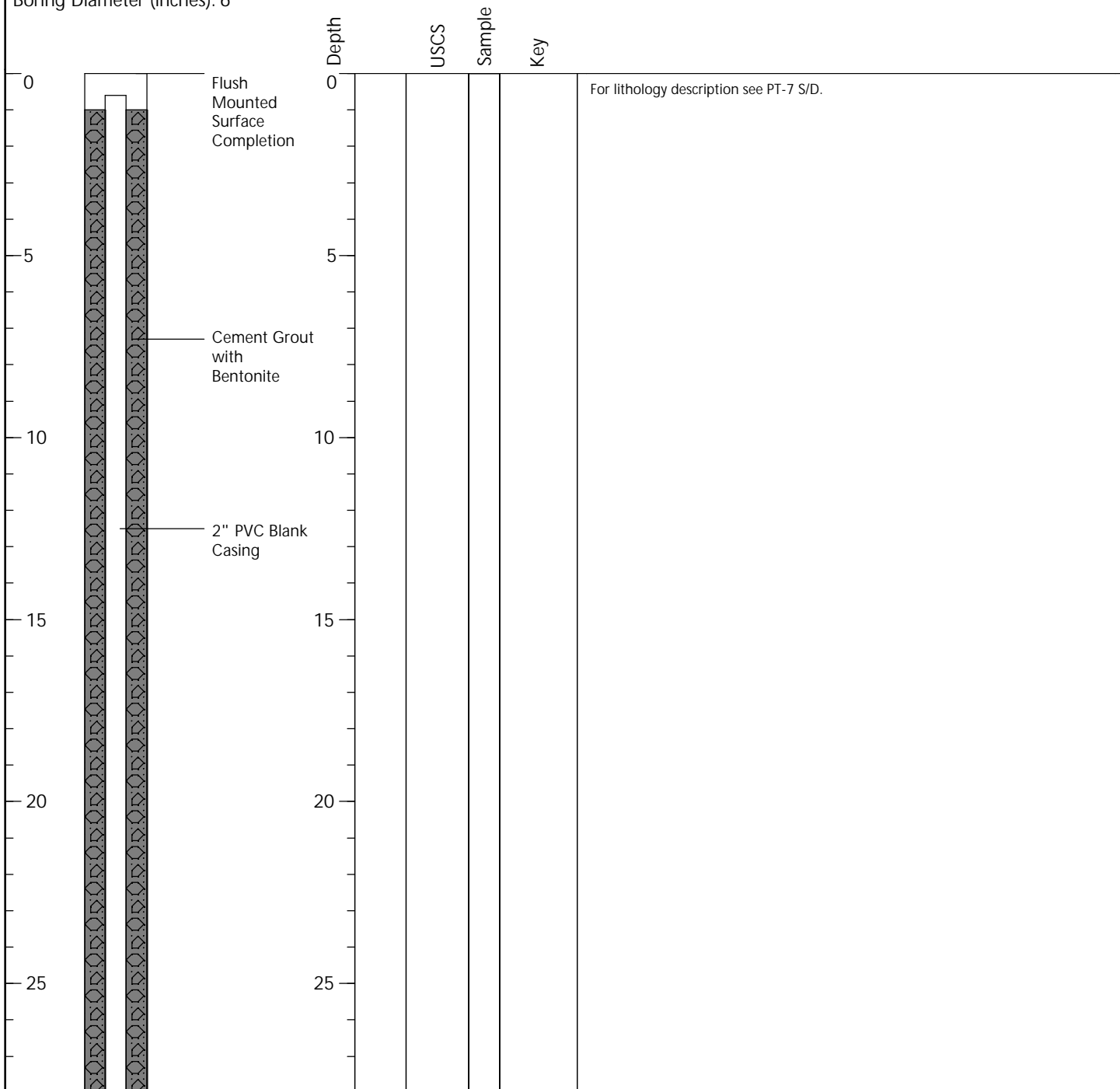


Project No.: RC000689.0004	Date Started: 12 May 2007
Logged by: Brett Bardsley	Date Completed: 21 May 2007
Drilling Co.: WDC	Drilling Method: Rotasonic/Mud Rotary
Drillers: Rivera, West, Sakioka, Villegas	Sample Method: 4" x 6" Core Rod
Well Permit #2007040404	Driller's License: C57-283326

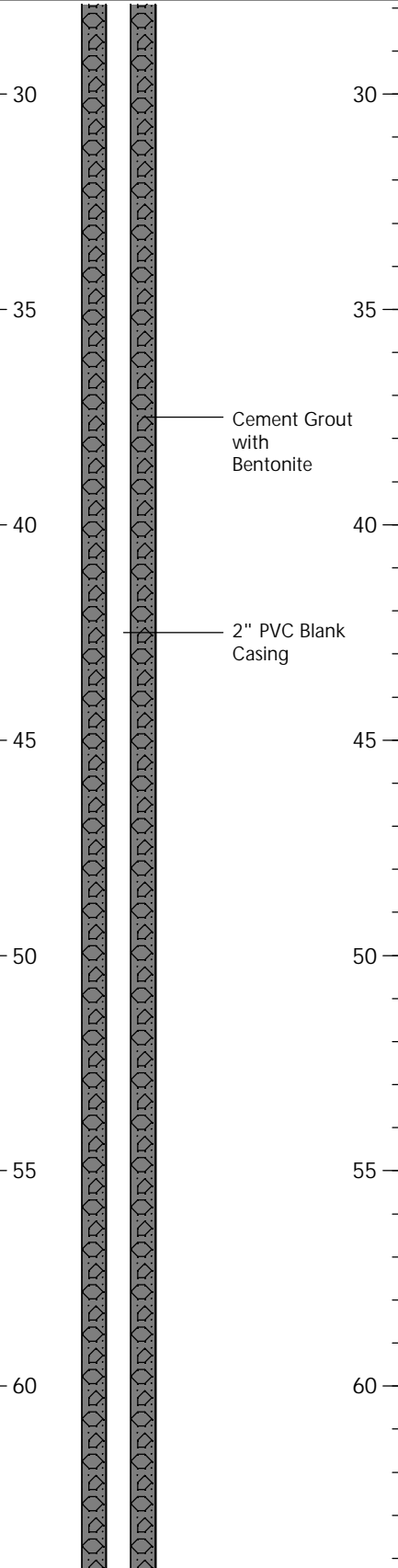
WELL CONSTRUCTION

LITHOLOGIC DESCRIPTION

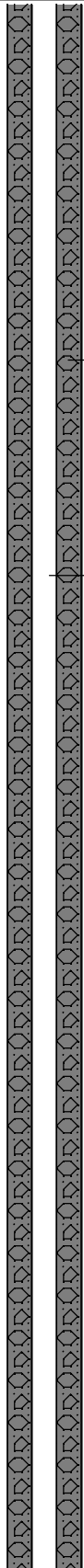
Boring Diameter (inches): 6



**LOG OF BORING PT-8 M
(Continued)**

WELL CONSTRUCTION	Depth	USCS	Sample	Key	LITHOLOGIC DESCRIPTION
	<p>30</p> <p>35</p> <p>40</p> <p>45</p> <p>50</p> <p>55</p> <p>60</p>				

LOG OF BORING PT-8 M (Continued)

WELL CONSTRUCTION	Depth	USCS	Sample	Key	LITHOLOGIC DESCRIPTION
 <div style="position: absolute; top: 73%; left: 20%; font-size: small;"> Cement Grout with Bentonite </div> <div style="position: absolute; top: 77%; left: 20%; font-size: small;"> 2" PVC Blank Casing </div>	65 70 75 80 85 90 95 100				

LOG OF BORING PT-8 M (Continued)

WELL CONSTRUCTION	Depth	USCS	Sample	Key	LITHOLOGIC DESCRIPTION
	105 110 115 120 125 130 135				

LOG OF BORING PT-8 M (Continued)

WELL CONSTRUCTION	Depth	USCS	Sample	Key	LITHOLOGIC DESCRIPTION
<p>The diagram shows a vertical well construction from 140 to 170 feet depth. From 140 to approximately 161 feet, the well is filled with 'Cement Grout with Bentonite'. From 161 to 162 feet, there is a 'Bentonite Seal'. From 162 to 166 feet, the well contains '#2/12 Sand'. From 166 to 170 feet, the well is filled with '2" PVC 0.02-inch Slotted Screen Casing'. The casing is labeled as '2" PVC Blank Casing' from 140 to 161 feet. The well construction is shown in two parallel vertical columns.</p>	140 145 150 155 160 165 170				

LOG OF BORING PT-8 M (Continued)

WELL CONSTRUCTION

Depth

USCS

Sample

Key

LITHOLOGIC DESCRIPTION

