



Location	YEAR	
<b>Guatemala</b>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	<b>1989</b>	<b>1989-1990</b>

**PROJECT OWNER INFORMATION**

a. PROJECT OWNER	b. NOMBRE DEL CONTACTO	c. CONTACT
<b>Stewart Technical Services, Inc.</b>	<b>Ing. Julio Guillén</b>	
PROJECT REPORT (reach, size and cost)		

**Project Background** – On april 1989 Stewart Technical Services, Inc. (STS) was awarded a contract to build a total of 7 deep water wells for the Guatemala City Municipal Water Company (EMPAGUA for its Spanish name). STS did sub contract Anzueto & Asociados for the project execution and equipment supply.

**Project Description** – The Project was for the construction of a total of 7 deep water wells located on: Vista Hermosa (900 feet), Parque Colón (800 feet), El Amparo (1040 feet), Diamante (1040 feet), Canalitos (900 feet), Proyecto 4-4 (900 feet) and Alameda (900 feet) and the procurement and installation of the necessary electrical, hydraulic and mechanic equipment for the wells operation.

The nominal diameter of the wells was 10” with steel casing and stainless steel screens, and seals. The total project cost was Q 2,800,000.00 (about \$ 500,000.00).



**Wells Drilling** - Befote actual drilling a review on available geologic and hydrogeologic information was made for the specification of the construction equipment and construction materials..

**Equipment Installation and Tests** – Alter drilling was terminated, all required tests were made and protection measures were taken.

**Equipment Procurement** -

Anzueto & Asociados placed an important role on the equipment procurement process, including financing and logistics experince for the succesfull Project Schedule execution.



**Project Key Elements**

- **Water Well Design**
- **Water Well Construction**
- **Deep Drilling**
- **Water Wells Equipment and Materials Procurement**