

HONDURAS



EL CARRIL BARRIO LA TORRE

Calvary Baptist Church

2017 SHORT-TERM TRIP

WATER

Community Details

The community of El Carril Barrio La Torre was sustaining its 30 households with water gathered from a stream. The water from this stream was not only insufficient, it was also unsafe and the community members frequently suffered from dysentery caused by the contaminants in the water. Furthermore, the marshy area around the stream was a prime nesting ground for mosquitoes, putting those who went to gather water at risk for malaria. These diseases, in conjunction with the exhaustion caused by the daily back-and-forth walk to haul water, wore away the energy and time of the community members. Parents feared for their children's futures and felt sorry that they were not able to offer the best quality of life for their children under these circumstances. The landscape of their region was lush and their community was vibrant and comfortable. But the thirst and sickness never let the people forget that they were lacking the one resource they could not thrive without. They were desperate and began seeking help.

Pastor Carlos Ochoa from the National Baptist Church began visiting other communities that had found solutions to the water crisis and became familiar with a reoccurring name: Living Water International. He visited a community where Living Water was drilling and arranged to meet with the staff to submit a request for a well in his community. Living Water visited El Carril Barrio La Torre and ascertained that their situation was indeed dire, but that a water well would be both feasible and sustainable for their community. Hope was within reach. With your generous gift, Calvary Baptist Church, you made their hopes a reality. You equipped Living Water with the funds and manpower that made the project a success.

The well was completed in the community once the drilling team and the trip team had reached an aquifer at 33 meters, cased the borehole with PVC, and installed an Afridev hand pump. With Living Water's guidance, the community selected one man and three women to form the water committee who would oversee the responsible use of the well. The well project allowed the community members to spend quality time with people who they knew cared for them deeply. This project opened doors into meaningful conversations about healthy living and abiding by God's Word.

The staff and Living Water Trips team led the community members in a hygiene and sanitation training. This element of the project was essential to promoting healthy habits that would prevent sickness and disease in the community. Some of the concepts discussed also pertained to responsible stewardship of the new well. The participatory method used in the training encouraged the community members to think proactively about their community and to take ownership for the patterns that they hoped to see manifested. They learned that the sustainability of their health and safe water access was something they could advocate themselves.

While the Living Water staff were encouraged to see that the community was postured for a thriving lifestyle, they hoped even more so that the people would be drawn deeper into a relationship with the Lord through the well project. They collaborated with the local church and the Living Water Trips team members from Calvary Baptist Church to facilitate an evangelism session. The event both nourished the faith of the participants and equipped the local church leaders to relate to them well in the future. It was evident that the Lord had provided for the community's need through your generosity, Calvary Baptist Church. Because of your compassion for the thirsty, the community of El Carril Barrio La Torre received water, for life, in Jesus' name.

Project Details

Product	New
Location of water point	El Carril Barrio La Torre, Yoro, Olanchito, Honduras
Type of Institution Served	Community
GPS Coordinates	Latitude: 15 27.634 N Longitude: 086 40.659 W

Construction

Altitude	170 m
Total depth drilled	33.33 m
Static level	10.60 m
Total depth of casing	33.33 m
External Diameter of casing	100 mm
Casing material	PVC
Screen	Start: 30.30 m Stop: 33.33 m
Pump Type	Afridev
Depth of cylinder	18.18 m
Gravel Pack	Yes
Gravel Pack Depth	24.24 m
Well yield	220 Liters/minute
Sanitary seal depth from surface	24.24 m
Shock Chlorination	Yes

Well Platform

Platform is concrete with reinforcing steel	Yes
Dimension of Platform (H*W*L)	0.254*1.8*3 m
Drainage Channel or soak pit installed	Yes

Water Quality Results

Water Purity Test	LWI Test Kit
Total Dissolved Solids (as per T.D.S meter) :	179
pH:	7
Total Hardness:	0 Ppm
Nitrate/Nitrites:	0 Ppm
Bacteria Test	Coliform Bacteria NOT detected (Colorless or Light Yellow color)

FOR LIFE

Hygiene Promotion

With the assistance of the Living Water Trips team members, the staff led a hygiene and sanitation training session that was attended by 100 community members. Because of the large quantity of children present, they incorporated singing, dancing, and humor into some of the lessons, and the children were attentive and actively participated the entire time. Those leading the training taught the participants basic preventative health concepts such as germ spread, disease transmission, and proper handwashing technique. They led conversations about good and bad hygiene behaviors so that the community members could identify strong points and problems in their own households. Other lessons included prescriptive health, including the diagnosis and treatment of diarrhea caused by dehydration. The staff used a specialized doll to illustrate how diarrhea depletes the entire body of fluids. The community members learned to mix an oral rehydration solution out of water, sugar, and salt, which could be administered to those afflicted. Finally, lessons pertaining to the new water well ensured that the community members could maintain their safe water access. They learned how to care for the pump and safely store water. All of these lessons were taught using a hands-on approach so that the participants saw the implications in their everyday routines.

Community Member Interview

Ramona Cruz, a 63-year-old accountant, shared her thanks for the safe water in her community. She said, “I am very grateful for the help of Living Water International and the workers from Calvary Baptist Church. I see the love of God in them. Now, we have good quality water 24 hours per day in our community.”

IN JESUS' NAME

Christian Witness

The staff, Living Water Trips team, and the local church leaders reserved time in the week to hold an evangelism session so that the community members could understand how their new well served as a metaphor for God's Word. The session was attended by 4 men, 13 women, and 9 children, who learned the story of the Samaritan woman at the well through a Bible storytelling workshop. Living Water uses this approach to teaching Bible stories in communities of primarily oral-preference learners, engaging them with repetition, question-and-response, and skits. In El Carril Barrio La Torre, the participants learned the words of Christ to the Samaritan woman from John 4:13-14 (NIV): "Everyone who drinks from this water will be thirsty again, but whoever drinks the water I give them will never thirst. Indeed, the water I give will become in them a spring of water welling up to eternal life." This Scripture communicated that God's Word alone is an everlasting source of life and hope and that all human constructs fall short in comparison. Using a resource called "The Wordless Book," the staff used different colors to represent elements of Christ's atonement and his followers' redemption. The staff also taught the community members the parable of the lost sheep to exemplify the way that God seeks a relationship with them individually and cares about them dearly. The Lord is a perfect Shepherd whose care for each specific person does not diminish his care for his people as a whole. However, the community members learned through a lesson about the battle of Jericho that God is supernaturally powerful as well as loving and gentle.

It was these aspects of God's nature that were not only discussed but also exemplified through your generosity and hard work, Calvary Baptist Church. The completed well in El Carril Barrio La Torre quenched the community's thirst and served as a lasting example of the cleansing and sustaining Word of God. The community, staff, and Living Water Trips team members were witnesses of the love of God manifested through love for one another and care for one another's physical needs. Thank you, Calvary Baptist Church, for delivering life-saving water and the *living water* of the gospel to El Carril Barrio La Torre.

PHOTOS



This is the stream where the community members gathered water prior to the well project. While it is picturesque, it was unsafe for consumption and put the residents at risk for dysentery and malaria.



The drilling team and Living Water Trips team work relentlessly until the new water well is completed.



Thank you, Calvary Baptist Church, for your generosity and love for this community.



The completed well will quench the people's thirst, alleviate their illnesses, and serve as an example of God's cleansing and sustaining Word.



These Living Water Trips team members are excited to experience the result of their hard work: safe, cold, and abundant water.



Ramona Cruz, a 63-year-old accountant, shared her thanks for the safe water in her community. She said, “I am very grateful for the help of Living Water International and the workers from Calvary Baptist Church. I see the love of God in them. Now, we have good quality water 24 hours per day in our community.”



These people are the water committee. They will oversee the upkeep and use of the well to ensure that their safe water is sustainable.



The community members gather to participate in the hygiene and sanitation training led by the staff and Living Water Trips team.



These Living Water Trips team members lead part of the evangelism session.



The community members participated in lessons about Bible stories about “The Samaritan Woman at the Well,” “The Parable of the Lost Sheep,” and “The Battle of Jericho.”



This is a typical home in the community of El Carril Barrio La Torre.