WELLS 4 WELLNESS Inc.
2021 Annual Report

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- Goal: At least 10 wells in 2021
  - Maradi Region
  - Dakoro Region (Tuareg Field)
  - Bermo Region (Fulani Field)
  - Niamey Region
  - Diffa Region

Background & Purpose

Wells 4 Wellness is a Non-Profit Organization committed to funding and placing wells in the extremely impoverished nation of Niger. No matter where we live, our story is deeply connected to water. The majority of our planet is covered in it, and our bodies are made mostly of water. Water is also at the heart of a daily crisis faced by a billion of the world's most vulnerable people—a crisis that threatens life and destroys livelihoods on a devastating scale. Many countries are in need of water, but no other country is so adversely affected like Niger.

Founded in 2010, Wells 4 Wellness rests on a passion to meet this basic need for the people of Niger. By raising funds to install wells in villages around the country, and then training local teams to maintain and operate these wells, the organization and its people give the people of Niger opportunities they never dreamed possible. Through meeting basic needs and serving out of an overflow of God's goodness and mercy, Wells 4 Wellness points those they serve toward the Living Water - eternal salvation through Jesus Christ; the ultimate need of all people across the world.

Wells 4 Wellness has installed more than 70 wells in the past 12 years, raising over $600,000 in donations to provide safe, clean drinking water to 40-50,000 people across Niger.

Mission

Provide safe, clean drinking water to communities in Niger.

Goals

1. Raise funds for immediate installation of wells & pumps in Niger villages, where the greatest need exists.
2. Raise awareness on the lack of safe, clean drinking water and the access to it.
3. Provide funding and equipment for establishment of local drilling teams to convert our initial Non-Governmental Organization support into a self-sustaining project.

Providing Water in Niger

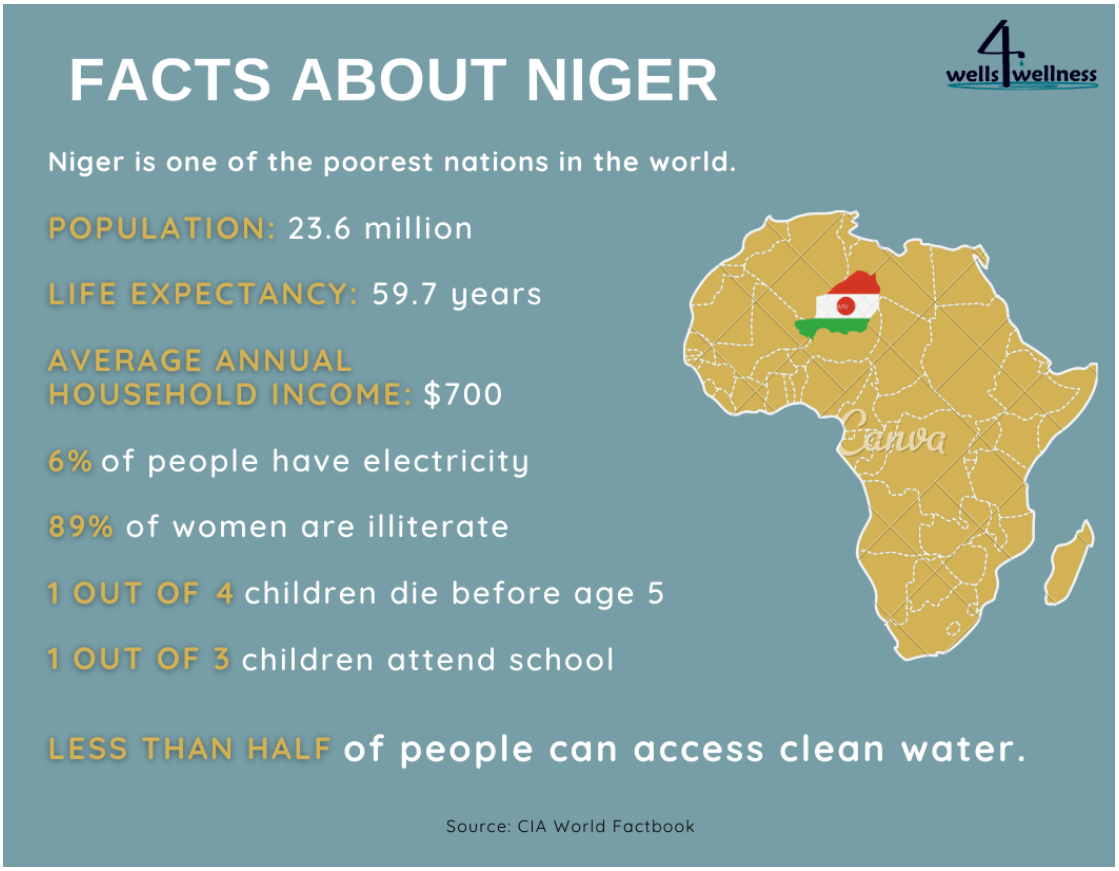
Niger is a landlocked country in northern Africa. Most of the country is in the Sahara Desert, one of the driest regions on the planet. Once a village receives a well, their lives are changed forever. No longer do the women and children have to take long journeys to hunt for water. They can now be educated, have gardens, and go to the market to sell their vegetables. The men can make bricks and build sturdy homes.

We place wells through a combination of partnerships and the use of our own drilling equipment and teams. Initially we thought we could raise funds and hire the work out, but this proved unrealistic. Niger lacks basic infrastructure, and equipment is not always available in the regions we operate. In 2015, we began importing equipment and training local teams. In addition to providing water, we are providing jobs for the men of Niger by teaching them how to drill and maintain the wells. If a well breaks down, local inhabitants can now fix it themselves, reducing downtime and getting water pumping again.

Water, sanitation, and hygiene are essential for extended life expectancy for the people of Niger. Unsanitary environments and unsafe water threaten not only the immediate survival of young children but also their physical and mental development. Illnesses such as diarrhea cause and exacerbate malnutrition, and can stunt development.

In Niger, women are seldom educated. One of their biggest tasks is to secure water for their families. Unfortunately, many of the existing wells are open and then contaminated with waste and debris. Many women and children walk long distances and end the day with only small amounts of contaminated water. In rural Niger, there are not many ways to generate income. Meals consist of fish from local rivers, produce from small gardens, or crops from mostly barren fields. There is not enough water to sustain much life. The main crop or food source is millet.

Due to the little rainfall, groundwater must supply most people's daily needs. Hand-dug wells lack liners and are subject to contamination by seepage and debris. Our wells are lined, capped, and sealed. Then a pump is provided to prevent water contamination.



Well Configurations

Wells 4 Wellness offers three different types of wells, which helps the local community acquire a well that best suits their needs. The three types of wells we install are outlined below and will be referred to as Basic, Full and Piggyback through this report.

WELL CONFIGURATIONS

BASIC WELL

- Drill Hole: **$2,500**
- Hand Pump: **$1,500**
- Conversation Wall with Masonry Trough: **$680**

Total: $4,680 - $5,800

FULL PACKAGE

- Drill Hole: **$2,500**
- Electric Pump: **$1,500**
- Solar Panels: **$140-$600**
- Water Tower: **$600**
- Water Tank x 2: **$400-$800 each**
- Plumbing: **Varies by project**
- Cattle Trough(s): **$340 each**

Total: $8,000 - $22,000

PIGGYBACK WELL

Adds a second pump and pipes to reach a second community

- Upgraded Electric Pump: **$1500**
- Tank: **$400-$800**
- Plumbing (max distance ½ KM): **$2000-$2700**

Total: $2,500 - $3,500

3D COST AMPLIFIERS

Cost variations in the three drilling packages are a result of three primary complications:

- **Distance:** Diesel fuel in Niger is $4/liter. Every kilometer traveled on unpaved rough terrain adds significant fuel and repair costs.
- **Depth:** Every meter drilled to reach the aquifer adds fuel, labor and material costs. Wells depths can range from 50 to 250 meters. On average the farther north into the Sahara Desert you drill, the deeper you need to go to reach water.
- **Difficulty:** Soil conditions impact the drilling speed and wear of equipment. For example, some regions have more pockets of granite that slow drilling and damage drill heads.

HISTORY & TIMELINE

2009
THE NEED

Pat Herath, with support from Operation Blessing, helped install five wells in Cambodia. This experience showed her the dire need for access to fresh drinking water and sparked the vision of a local organization with global impact.

2010
THE BEGINNING

Pat told the story of drilling wells to long-time missionary friends Ron and Jerry Childs in Niger, Africa. They were excited and asked Pat to drill 30 wells at their outreach sites in the Sahara Desert. Wells 4 Wellness was formed in March 2010 under the umbrella of Elim Fellowship, and completed its first project in Niger by repairing an existing dry well.

2011
VISITNG NIGER

Pat and Bob traveled to Niger for the first time to survey proposed drill sites. In partnership with Operation Blessing and Hosana Ministries, Wells 4 Wellness funded and installed its first two wells in Niger including solar powered pumps and water towers.

2012
BOARD FORMED

The Wells 4 Wellness Board was formed and the organization filed for incorporation as a separate entity.

2013
PARTNERS

Wells 4 Wellness requested 501c3 status from the IRS and partnered with World Vision's drilling team to install a solar powered well at a government-run primary school in Maradi.

2014
SHIFTING METHODS

Wells 4 Wellness received official 501c3 status. New political policy in Niger prevented foreign NGOs from operating more than 12 kilometers from the Embassy. To meet its mission, Wells 4 Wellness began a bold campaign to purchase and ship a drilling rig, compressor and other necessary equipment to Niger, so wells could be drilled using local workers.
In a third partnership with Operation Blessing, Pat arranged for a well to be placed in an orphanage in the Philippines, marking the first well placed outside of Niger under Wells 4 Wellness.

2015
TESTING

The first drill rig was acquired and tested in Houston, Texas.

2016
NEW EQUIPMENT

The drill rig was delivered to Niger to be operated under the direction of Ron and Jerry Childs of the well division of Vie Abondante Ministries. In April, a drill team from Houston comprised of members of Faith City Church and Relief Network led by Pat and Ann Marx of Wells 4 Wellness traveled to Niamey, Niger to train local men to use the rig. Two wells were installed by the newly trained local team.

2017
LOCAL TEAMS

Four wells were installed.

2018
GROWTH

In February, Wells 4 Wellness sent its third mission to Niger to deliver equipment and document the progress of the drill team. Eight wells were installed.

2019
FILMING

Eleven wells were installed. In November, Wells 4 Wellness sent its fourth mission to Niger to scout new locations and film a documentary of our progress.

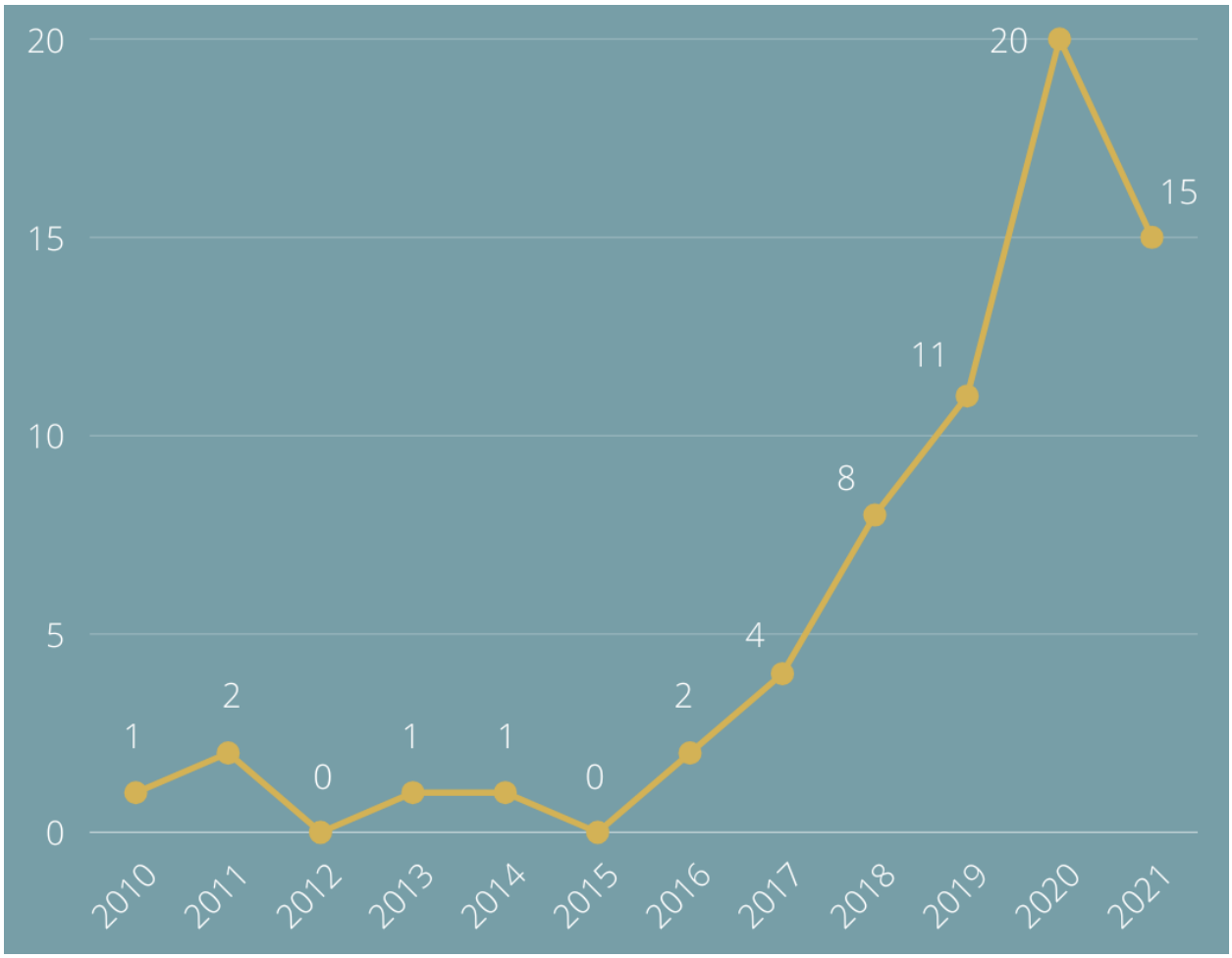
2020
10 YEARS!

In March, Wells 4 Wellness celebrated its 10-year anniversary with the installation of our 33rd well! Despite the COVID-19 pandemic cancelling our 10-year anniversary celebration and fundraiser, an online event premiering the Wells 4 Wellness documentary, "The Bottom of the List," allowed the team to secure over and above the funds needed for next year. Considered essential business, drill teams continued in Niger, drilling a total of 20 wells in 2020. Wells 4 Wellness also launched a reorganization to increase its operational capacity and longevity.

2021
CONTINUED SUCCESS

Wells 4 Wellness continued with the success of our drilling and met our goal with fifteen additional wells.

Wells Installed



Funds Raised

The three types of wells we install are outlined above and will be referred to as Basic, Full and Piggy Back

Global Impact Reports

“Thank you for all your hard work to see water provided for the people of Niger. Again, we pray God’s blessing over everyone that has made this possible. You cannot imagine how many lives and livestock that are flourishing by the wells your team has provided. We sincerely appreciate the vision and sacrifices that have gone into making all this possible.”

Quote from Koyejo Amori

Strategic Vision

We have left the plan at 10 wells a year because of the uncertain times we are in. Because of our 3D Qualifiers. More money raised can be used for drilling. We would rather exceed our plan than not reach our goals. Most well costs are between 8 - 10 thousand. We have plans to drill 2 new very deep wells 6 hours North of the city of Maradi with no real roads.This would cut down on the number of wells drilled but the number of people serviced would be much greater.

Take Action

You can change lives! With your donation, you can directly impact the lives of the people of Niger. Every dollar is used toward the planning, installation and implementation of wells.

Watch and share our documentary, “The Bottom of the List” here:

Bottom of the List - a Wells 4 Wellness film

Learn more at http://www.wells4wellness.com/be-involved/

or contact us to volunteer at wells4wellness@gmail.com.

Appendix B: 2021 Proposed Well Sites

Goal: At least 10 wells in 2021

But... we exceeded our goal and drilled 15! God continues to provide in incredible ways.

We have two distinct seasons where we drill wells, with the first being January- April. We stop drilling from the middle of April until the middle of September due to heat. In April, the temperature ranges from 114-120 degrees Fahrenheit everyday and we have found out that it is very costly to run our equipment in such extreme heat, not to mention the importance of keeping our drill team safe and healthy.

The second season is from mid-September until the first part of December. During this time, rather than drill, our drill team is scouting, preparing and securing sites for the next year of drilling. They also take advantage of this time to test the wells that have been drilled and make sure all are in good working order.

Maradi Region

Full Packages

1. Rijiya Bagwari
2. Gulbawa village.

Dakoro Region (Tuareg Field)

Full Packages

1. Zango Tsamiya

Bermo Region (Fulani Field)

Full Packages

1. Gumbala
2. Issu

Niamey Region

Basic Wells

1. Guessoudoundou
2. Bountouloungou
3. Banizoumbou

4. Namoufoni
5. Goroubanda
6. Tchatchabonga
7. Birteni
8. Tchantchabri

Diffa Region

Basic Wells

1. No name provided as of yet.
2. No name provided as of yet.