



KIRINDON ADP

SHALLOW WELLS PROJECT

PROGRESS REPORT

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Preamble

The Kirindon shallow wells project's objective is to improve access to portable water among the project community and their livestock. The project pursues this objective through drilling three shallow wells and equipping them with hand pumps and establishing and strengthening water user committees so that they are able to run and sustain these water projects. The geophysical surveys were conducted late last year [2007] but the process of acquiring drilling permits, identifying a driller and mobilizing the drilling equipment to site took longer than anticipated. This was further aggravated by the post election violence and thus the permits were acquired in February 2008 and the drilling rigs mobilized to the shallow wells sites in late March 2008. This delay though not anticipated initially is highly regretted since it stood in our way to fulfilling the promise that was given to our donors, the esteemed Calvary Sawgrass church.

Progress

The water user committees for the three sites namely, Changina, Oloitiko and Osikawai shallow wells projects have been formed and trained on their roles and water source management and water quality control. The committees are now actively involved in mobilizing the community to make access roads for the drilling equipment to reach the drilling sites and with the skills acquired through the training, are expected to run and manage the water sources in a sustainable manner for the benefit of the intended community.

Changina shallow well has been drilled to a depth of 70 metres and casings and screens installed. Test pumping is also being undertaken and once this is done the yield of the well will be determined and will guide us on the size of hand pump to be installed. Samples of the water will also be taken for chemical and bacteriological analysis to determine the quality of water and whether it meets the required safety standard.

Drilling was also undertaken at Oloitiko shallow well site but unfortunately no water was found despite the fact that the required depth of 70 metres was attained. Plans are underway to protect a spring which is situated next to the failed shallow well so as to provide water for domestic use to the community.

The drilling equipment is now being mobilized to the third and final site to drill the shallow well at Osikawai.



Children of Changina Primary School drinking water from Changina shallow well during test pumping.



Drilling in progress at Changina shallow well site.



Drilling in progress at Oloitiko Shallow Well site. Unfortunately water was not found even after attaining the recommended depth of 70 metres

Plan of Action

- Complete drilling of Osikawai well
- Complete test pumping and development of the two wells
- Complete water analysis for the two wells
- Install hand pumps in the two wells
- Complete protection of Oloitiko spring
- Commissioning of the water projects