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In partnership with

SERVE THE WOMEN AND POOR (SWAP) TRUST

REPORT ON THE DRILLING OF COMMUNITY BORE WELL WITH HAND PUMP

IN

Oppanaiyapuram, Sankarankoil Taluk , Tirunelveli District Of TAMILNADU STATE OF
INDIA

Community Well Field Report

CW 10/08

1. Name and location of the community: Oppanaiyal puram, Sankarankoil Taluk, Tirunelveli Dist ,Tamilnadu, India
2. Person completing this report:: Paul Date:30th July 2008
3. Sponsoring Organization: **The Water Project & Thirst Relief International**

Crew members: David , Ramasamy and Samuel

Community well or commercial well? Community well

Community contact: Daniel, Murugan, Paulraj and Chinnagurusamy

Community Contribution: Nil

Pump Caretakers trained: Samuthirapandy and MuruganChinnagurusamy and Kalimuthu

PROJECT INFORMATION

4. Approximate population served 800
5. What are the community's previous water source(s)? small ponds and stagnated water pools
6. What are the common water-related diseases/problems? Common diarrhea
7. Describe the water supply provided and/or training that was done in this community.

This bore well has been dug for safe drinking water to the tribal community including believers in the hill area which will serve more than 800 people living in this village. No regular water supply is available and the water taps are not in working condition even though the water tank is constructed. A brief training was given to repair and maintain the pump. The work was accompanied by a brief message of Gospel.

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8. Please provide a statement or quote from one of the community members about the impact of this project on the community:

The Panchayat leader told that the long pending need was met out with the support of The Water Project/Thirst Relief International and with the help of SWAP Trust. A woman told that it is a heavenly blessing for them from God for the people in that village. This bore well has water in abundance and is tastier to drink.

9. Close-up photograph of the new water source, yes or yes (with community members)

Describe how the work progressed?

The location was identified by the crew with the assistance of the community in the village and the leader of the Panchayat issued the no objection assurance. The local body came forward to under take the care and maintenance of the pump. A truck with rig and trained crew was hired for this operation. The operation was started after the prayers of our team and initially water leaked at a depth of 50 ft and drilling was done into further depth and main water source was found out at the depth of 215 ft. The water with high pressure came out.

Well log attached? Yes

Achievements?

The water comes with good pressure and the water is potable .

Materials used:

- PVC casing
- MS Pipe 1”
- Hand pump

Recommendations/ suggested follow-up/ activities requests from community?

A short training was imparted for the selected people and regular monitoring will be done by the group. Keeping clean the pad and surrounding and importance of hygiene was taught to the community. Clear instructions were given on how to attend the minor repairs of the pump and on emergencies. Special information on useful hints were given to the women.

WELL LOCATION

COUNTRY: INDIA TAMILNADU STATE, TIRUNELVELI DISTRICT

VILLAGE: OPANAIYAL PURAM VILLAGE, SANKARANKOIL TALUK

HAND PUMP

MAKE: INDIA

MODEL: SERIAL #:

STROKES #:

COMMENTS: The level of water is GOOD and enough pressure

CONCRETE PAD

SHAPE: SQUARE

MATERIAL: Sand, cement and concrete

COMMENTS: Strong pad

WATER QUALITY

APPEARANCE: Clear

TEST RESULT: Good

COMMENTS: Potable

Organization name **S.W.A.P TRUST** Town country: **_Coimbatore/INDIA**

Amount received (\$) **1600.00** Conversion rate ⁽¹⁾: **\$1USD =INR 42.928**

Amount of grant in local currency **INR 68684.8**

Describe your understanding as to how the funds are intended to be used **TO BE USED IN DRILLING WATER WELL WITH HAND OPERATED PUMP**

Type of Expense	Item Description	Local Currency (Cost)	USD\$ (Conversion)
TRANSPORTATION	FUEL USED TO AND FROM THE SITE	Rs. 4750.00	\$ 110.67
Drilling Cost	Rent for drilling rig and food charges	Rs. 24750.00	\$ 576.65
COMMUNICATION	Telephone charges	Rs 500.00	\$ 11.65
MATERIALS	Hand pump and accessories , and other plumbing fittings	Rs 23375.00	\$ 544.62
Labour charges	Wage paid to the fitter and asst	Rs. 5450.00	\$ 126.98
CONSTRUCTION	Brick, Sand and cement	Rs 2700.00	\$ 62.90
DEDICATION	Evangelism and pocket expenses	Rs 4480.00	\$ 104.40
TOTAL	Total expenses for entire Project	Rs. 65505.00	\$1526.25



