



## Aztec Well Service Presentation

Aztec Engineering Co., Ltd. Thailand

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# Well Service Work Plan

- Mobilise equipment & Personnel from Lampang
- Remove Pump from Well – Clean Pump & Column pipe  
Clean control cabinet
- Run Downhole CCTV to inspect water well casing & screen.
- Brush/Jet screen and casing as required
- Clean out debris from well sump by airlift method
- Run Downhole CCTV after clean water well
- Re-install Pump – Test operation & functionality
- Run 4x1hr Step Test – Pump to waste
- Demobilise equipment & personal back to Lampang



# Mobilise equipment & Personnel from Lampung



Prepare & Unload equipment



# Remove Pump from Well



Pull production pump and column pipe



# Clean Pump & Column Pipe



Clean pump and column pipe



# Inspect & Clean Control Cabinet



# Downhole CCTV Camera



# Run Downhole CCTV



Use downhole CCTV to inspect water well to plan cleaning procedure





# Downhole CCTV Camera

CCTV camera side-view during screen inspection.



# Downhole CCTV Camera



CCTV down view during  
screen inspection



# Downhole CCTV Camera

CCTV camera showing  
debris in well sump



# Brush/Jet screen and casing as required



## Clean out debris from well sump by airlift method



Run 2-3/8" pipe and & air tubing for airlifting



# Clean out debris from well sump by airlift method



# Clean out debris from well sump by airlift method



Debris lifted from well sump

Pulling out 2-3/8" pipe and airlift tubing.



## Run Downhole CCTV after clean water well





## Re-install Pump



Re-install pump and transducer



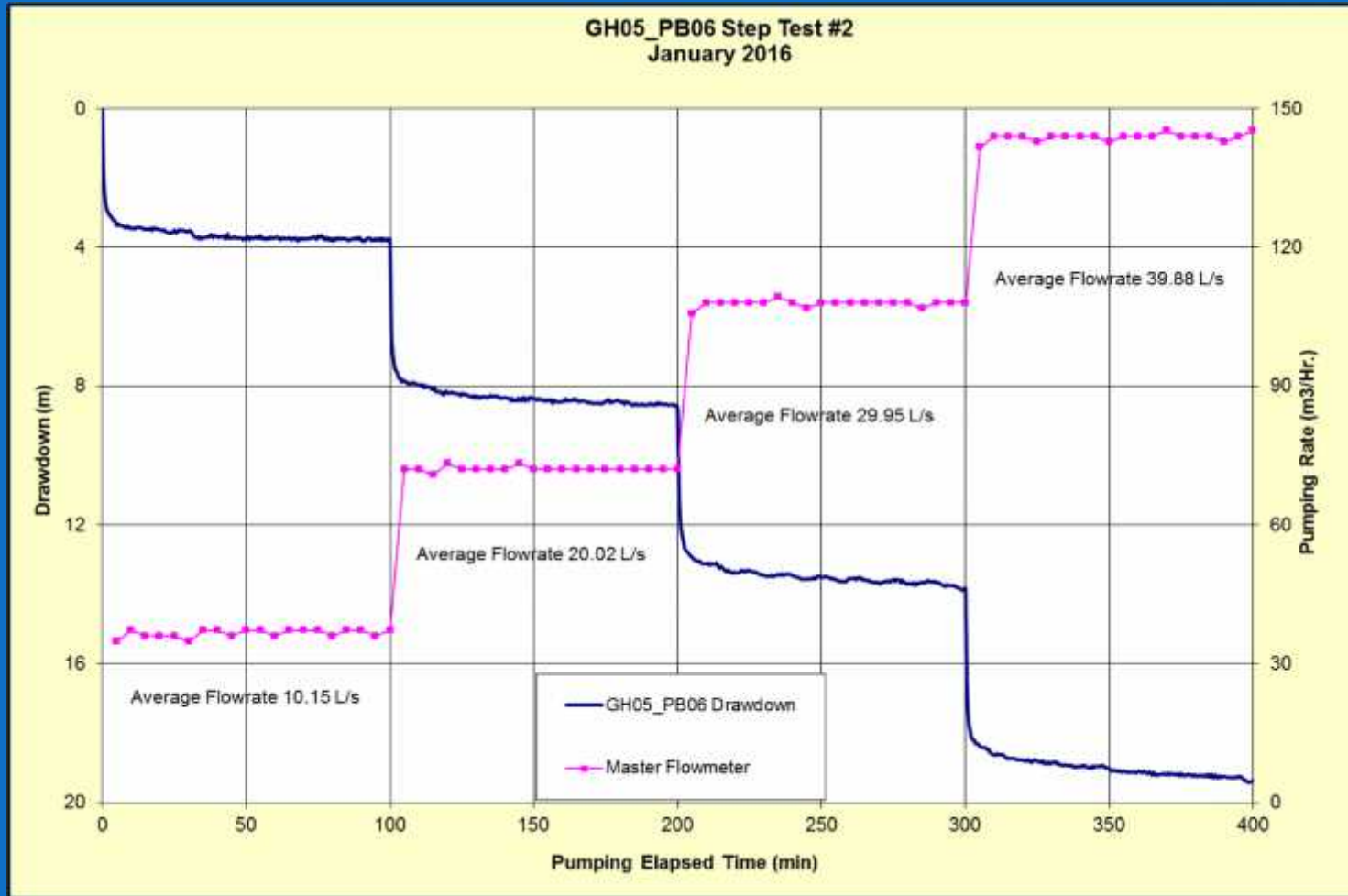
# Re-install Pump



# Test operation & functionality



# Run4x1hr Step Test – Pump to waste



## Run4x1hr Step Test – Pump to waste



# Clean up and Restore Site



# Demobilise equipment & personal back to Lampang



**Thank You**

Aztec Engineering Co., Ltd.

