

## Expro Excellence

# Rigless workover improves efficiency and lowers cost for geothermal well

## Well Construction | Geothermal



### Objectives and background

- A major geothermal operator in the Netherlands was seeking to undertake workover operations on their production well including flushing, casing patches, ESP installation and slickline runs
- All operations were required to be conducted using a rigless approach
- The customer had a focus on zero NPT and HSE issues for this project

### Expro Excellence

- Expro deployed a Rigless Intervention Unit (RIU) with pick up/lay-down services and Tubular Running Services to execute the workover operations
- Operations included dressing the polished bore receptacle, running and setting the packer and seal stamp, completing scraper and pressure tests, and installing two patches
- The casing and ESP pump were pulled from the well and re-run with control lines. Mud was effectively managed and red-zone exposure was reduced through best practice and our advanced technologies
- This well was displaced, junk baskets were run, emergency packer was set and released, returns taken to the surface, and slickline runs were completed

### Value to the client

- Expro successfully delivered the workover scope enabling the customer to return to operations
- This project demonstrated Expro's excellence to deliver under evolving conditions and amplify our safety record with zero NPT or HSE incidents
- Our integrated service offering streamlined operations, delivering significant time and cost savings while optimizing overall efficiency for the customer

#### Safety



#### Environment



#### Decreased costs

