

# Fridfinnur K. Danielsson.

## B.Sc. Hon. Eng.

**Born** 05.05.1954  
**Nationality** Icelandic  
**Marital Status** Married, Arna Thorvalds 1956  
**Children** Hilda 1976 and Birkir 1982



**Languages:** Icelandic Mother tongue  
English Fluent  
Swedish Speak, read and write  
Norwegian Speak, read and write

**Education:** 1978 to 1983 University of Iceland and Heriot Watt University Edinburgh. B.Sc. (Hon) degree in Engineering.

1972 – 1976 Marine Engineers College of Iceland.  
4 years full time course, intended for people supervising and maintaining diverse machinery and control systems as onboard large fishing vessels, power plants etc.

**Drilling & related:** Established Alvarr Sverige AB 2012. From 2011 to 2013, in charge of a team of people working on further rehabilitation of the geowells in Lund, Sweden.

Summer 2010: Technical leader in a joint venture together with the Faculty of Technical Geology of Lund's University on a complicated well rehabilitation job for the Energy Co. of Lund Sweden.

From 1991 to present, running own drilling & engineering co. Alvarr ehf. [www.alvarr.is](http://www.alvarr.is) Extensive experience with wet and air rotary, percussion drilling with pneumatic DHD's and Wassara water hammers. Also diamond drilling and coil tubing operations.

Extensive experience with submersible pumps, water supply systems and some well logging experience.

From 1986 to 1991 in charge of a private drilling co. drilling geothermal and large dia sea-water wells.

1976 to 1978 full time, and summer work to 1983 with the State Drilling Co. working as a maintenance engineer around the companies Gardner Denver rotary type rig, rated 12.000 ft.

**Energy:**

From 1997 working in parallell with the drilling operations on house heating and cooling solutions. Established a separate company Varmavelar ehf. for the energy business in 2007. [www.varmavelar.is](http://www.varmavelar.is) Currently building (OEM) and installing Heat Pumps for homes and industrial requirements.

**Mec. Design:**

Currently working on several pioneering projects, including the development of new technology for the drilling of consolidated rocks. Inventor of the equipment and rehab process for repairing the damaged well casing for Lund's Energy, in Sweden summer 2010. Inventor of the patent pending wheel type Coil Tubing Injector seen on the pic below. Above engineering projects are "team work" together with the ingenious design co. EngDesign ehf. [www.engdesign.is](http://www.engdesign.is) and other people.



*Soft starting a HiTemp well in Hellisheidi near Reykjavik - Iceland, in late 2009.*