

# Well Engineering Partners

## - an introduction -

## Well Engineering Partners

- Founded 1996
- Office in Hoogeveen
- Merged with PGMi in January 2011 to become largest independent WE consultancy in NL
- 22 employees: 1-35 yrs experience, BsC/MsC/PhD
- Large network of associated specialists

## WEP company information



## Core Activities & area's of expertise

- Drilling engineering & well design
- Integrated project management
- Solution mining
- Geothermal well engineering
- CO2 and gas storage
- New technology: casing drilling, composite casing

## Well Engineering Partners

## Clients



## Well Engineering Partners

- **Company:** Frisia Zout, Esco
- **Location:** Harlingen, Netherlands
- **Year:** 2003, 2004
- **Description:** Extremely deviated salt solution well (2.5 - 4 km)
- **Scope of supply:** Drilling programs, Rig tendering, Material & services procurement, staff hiring, operator representative during the drilling operation, starting up the wells

## Frisia Zout, ESCO



## Well Engineering Partners

- **Location:** France
- **Year:** 2010
- **Description:** Well engineering
- **Scope of supply:** IPM, Sidetrack (2.6 km, May 2010), doublet, HWU, CTU, drill new well

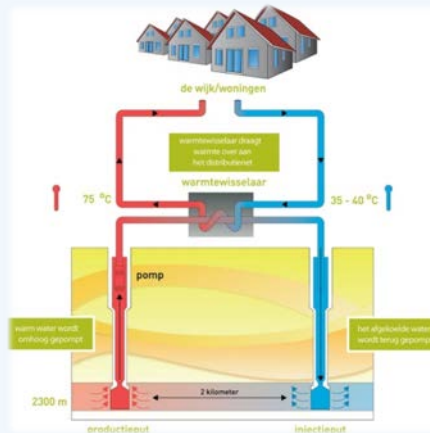
## Arkema



## Well Engineering Partners

- **Company:** Aardwarmte Den Haag
- **Location:** City of The Hague
- **Year:** 2010
- **Description:** 2 x 2.5 km wells
- **Scope of supply:** design, procure & manage drilling geothermal doublet

## The Hague Geothermal wells



## Well Engineering Partners

- **Company:** Maghreb Petroleum
- **Location:** Morocco
- **Year:** 2006
- **Description:** Two deviated 3 km gas exploration wells in desert environment, cemented completions
- **Scope of supply:** Drilling programs, Rig tendering, Material & services procurement, Operator representative during the drilling operation

## Maghreb Petroleum



**MAGHREB Petroleum Exploration S.A**





## Well Engineering Partners

- **Company:** Nedmag
- **Location:** Veendam, Netherlands
- **Year:** 1997
- **Description:** Redrill salt solution wells (4) with snubbing unit
- **Scope of supply:** Drilling programs, material & services procurement, Operator representative during the drilling operation

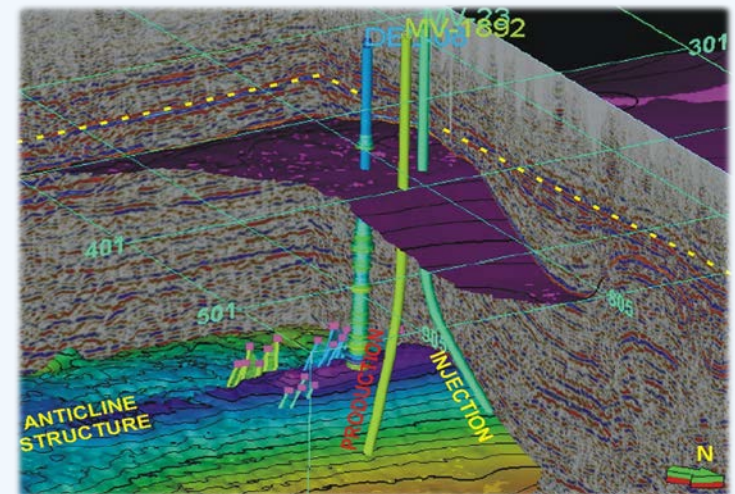
## Nedmag



## Well Engineering Partners

- **Company:** Eneco, EBN
- **Location:** Delft, Netherlands
- **Year:** 2010
- **Description:** Geothermal Doublet for housing and university
- **Scope of supply:** Geological report, Detailed design, Drilling programs, Material procurement, Operator representative during the drilling operation

## Delft Geothermal Project



## Well Engineering Partners

- **Location:** Netherlands
- **Year:** 2009
- **Description:** Drilling campaign
- **Scope of supply:** Detailed design, Drilling programs, Contracting support, Drilling Management

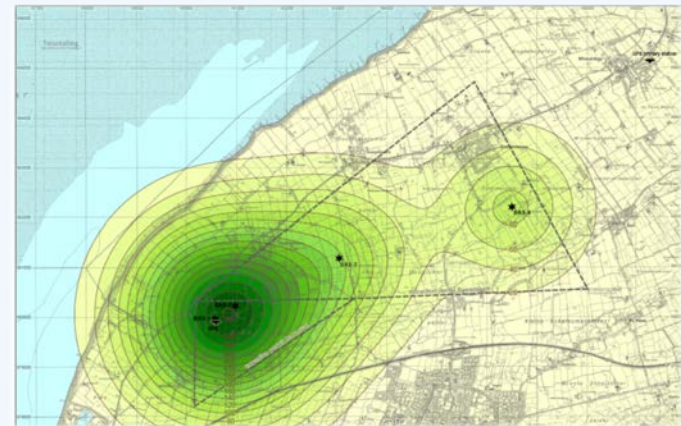
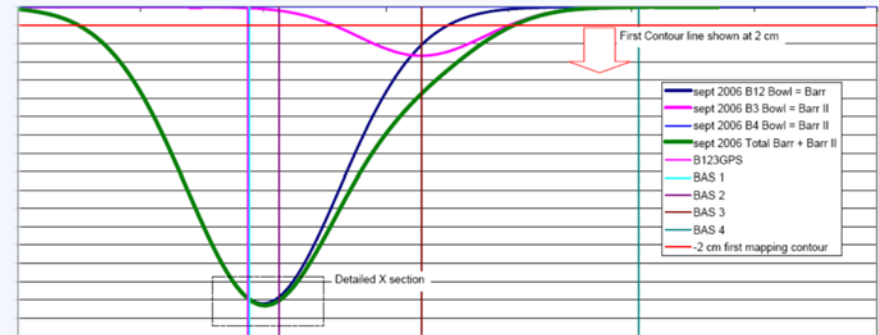
## Northern Petroleum NL

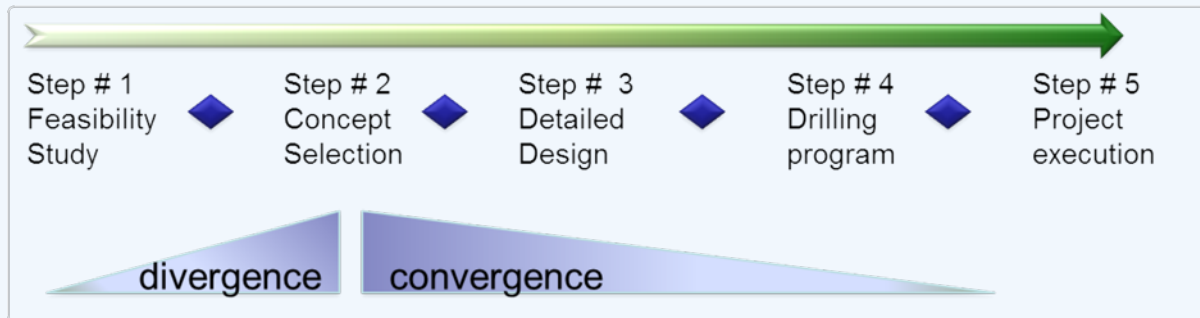


## Well Engineering Partners

- Salt solution mining
- Models
- Prediction

## Subsidence





## WEProcess: delivering well construction

Add value to Well Construction project by:

- Clear & structured approach with defined outcome
- Identify & mitigate project risks
- Decision based progress: freeze status at Go-Nogo decision gate
- Multidisciplinary reviews , peer reviews, challenge sessions
- Manage risks, cost, change, materials

# Well Engineering Partners

**Your partners in value creation**

[www.wellengineering.nl](http://www.wellengineering.nl)  
[info@we-p.nl](mailto:info@we-p.nl)