





# Fishbones vant innovasjonsprisen på ONS

Fishbones har utviklet teknologi som erstatter hydraulisk fracking med en mer miljøvennlig metode. Utviklingen er delvis finansiert av Innovasjon Norge og Forskningsrådet.

Fishbones AS mottok i går the SME Innovation Award på den store olje- og gasskonferansen ONS i Stavanger. Selskapet har også tidligere høstet utmerkelser for teknologien som gjør det mulig å bore mange små hull ut fra en brønn samtidig. Dermed kan oljeselskapene få ut mer olje uten å bruke den svært kontroversielle fracking-teknikken.



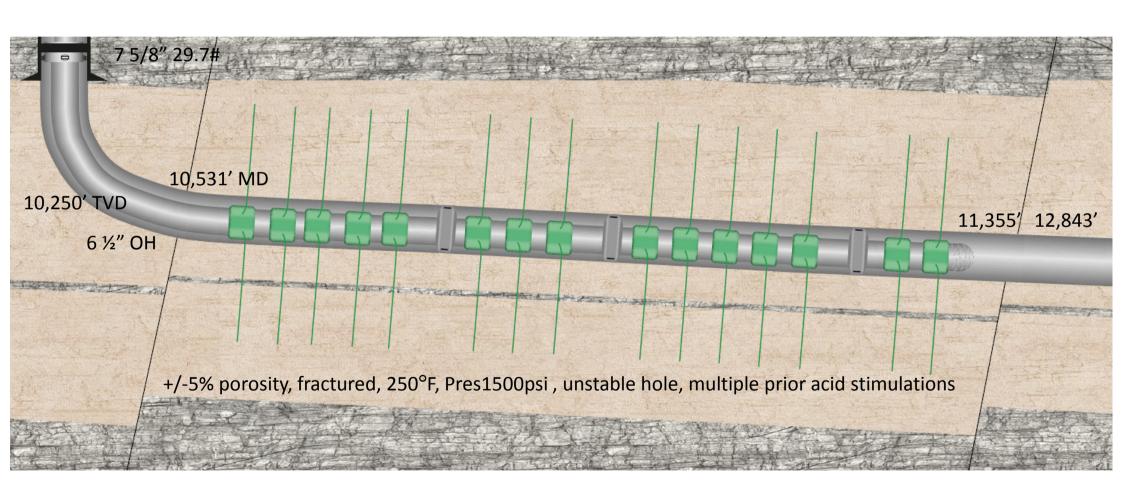
### Animation

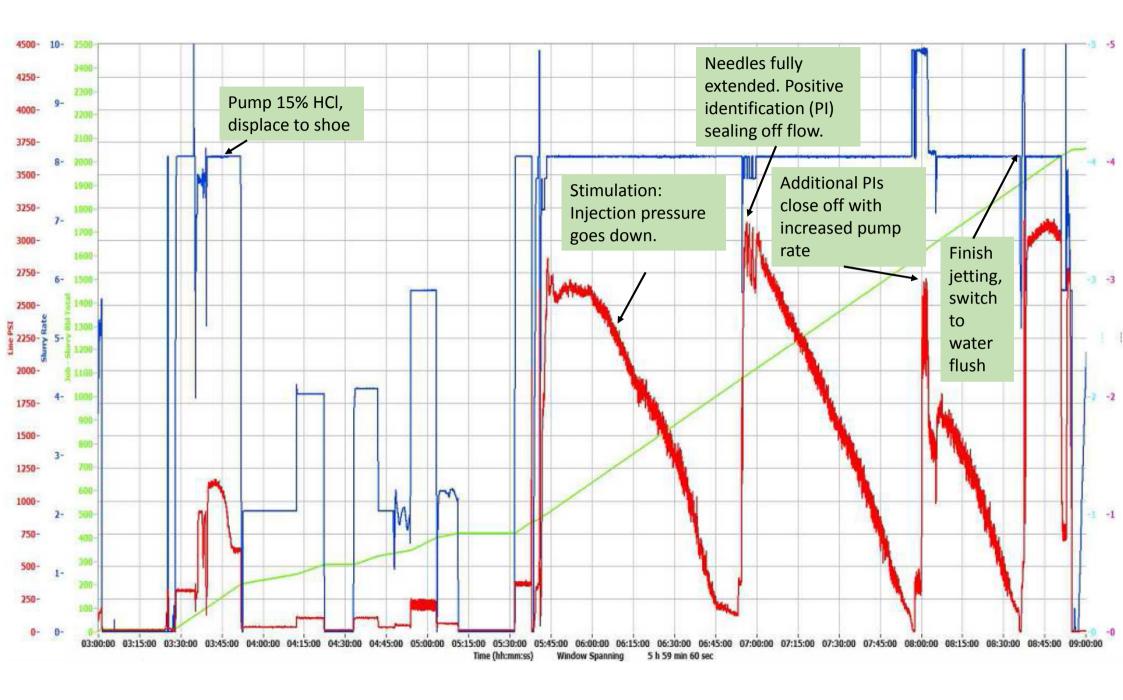
#### First carbonate installation - USA

- Tight limestone in Austin Chalk, Texas
- World record, 60 laterals
- Successful installation
- All verified
- 30XProductivity

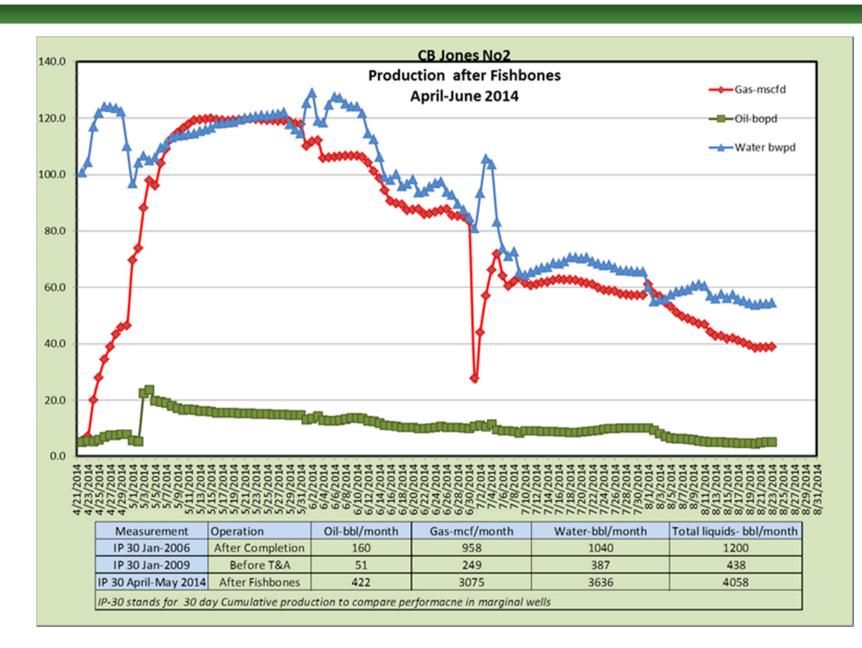


#### Jetting - USA



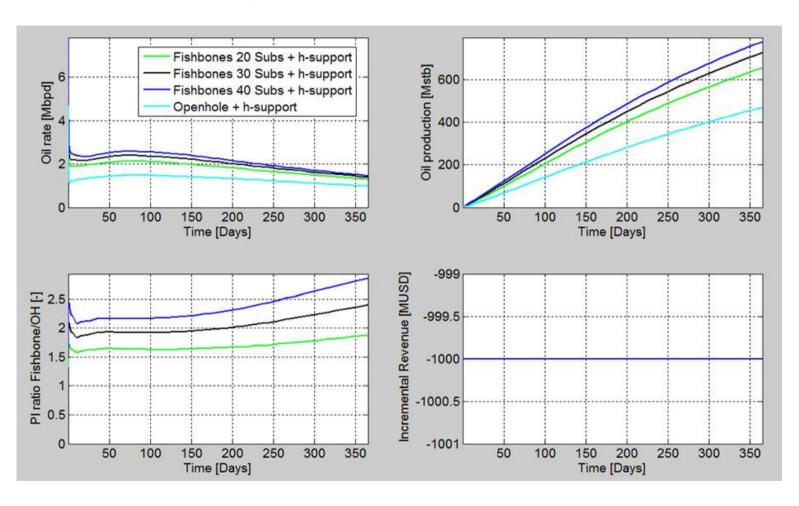


30XPI
2.6XInitial
Production
Pres 1500psi

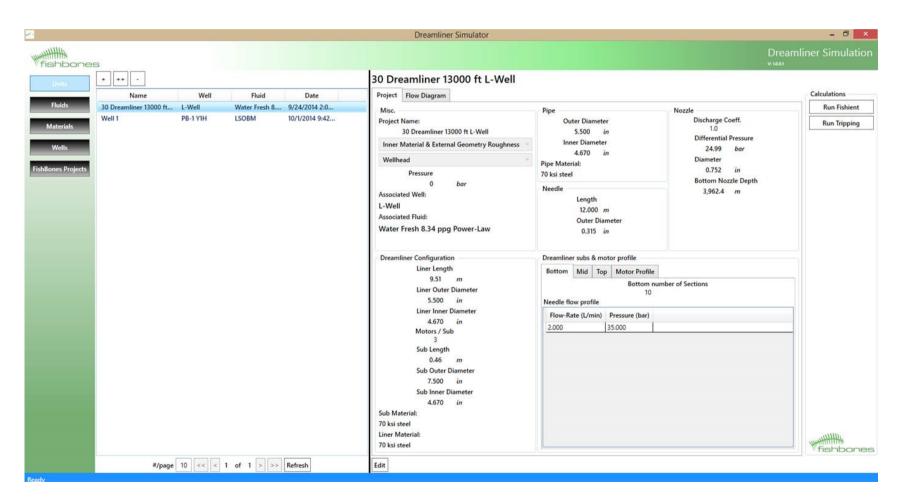


# Design

#### Reservoir optimization



#### Execution design



#### Core testing









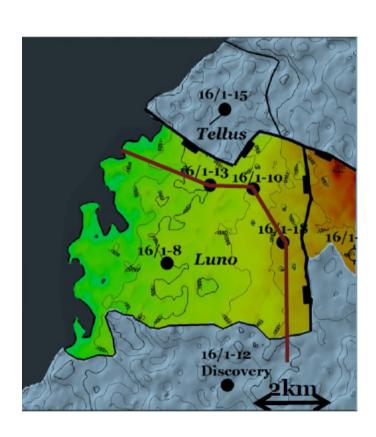
#### Statoil Smørbukk

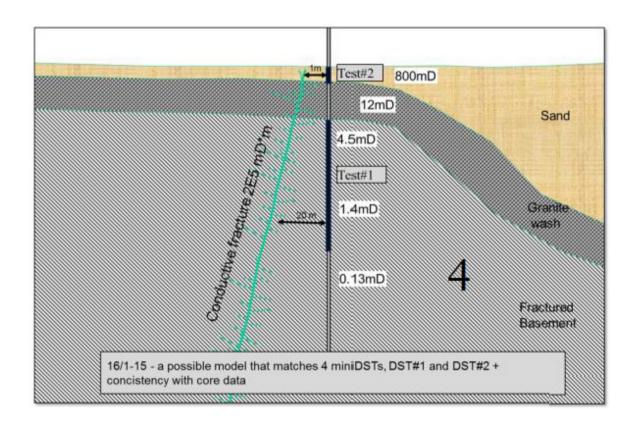
- Demanding qualification
- 4bnNOK
- No downside
- «What can new technology do for you»?

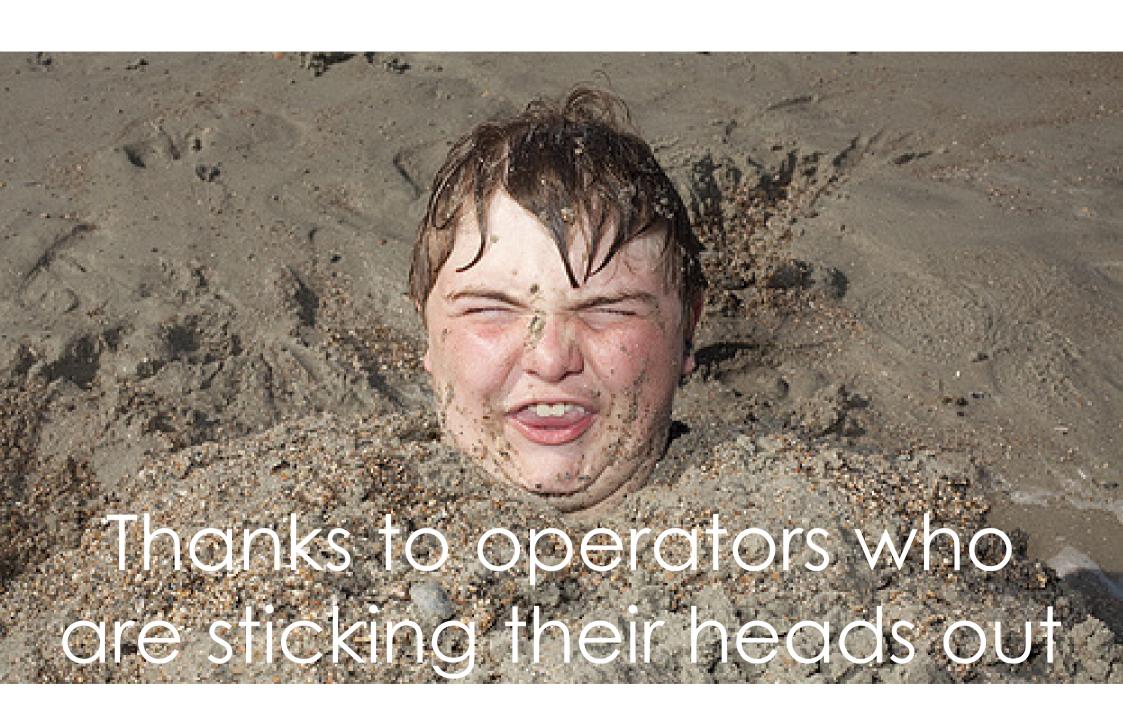


#### Grieg/Sverdrup Basement









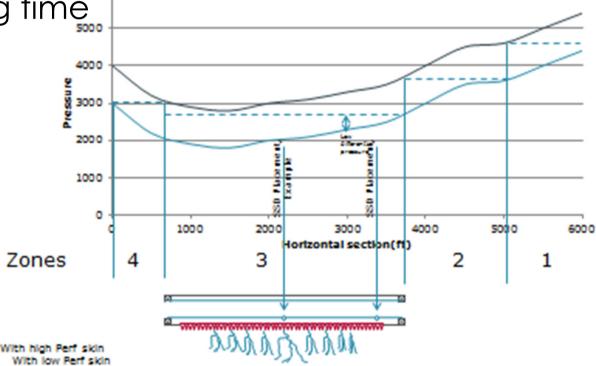
# Easywell took 7 months, Fishbones took 7 years

#### North Sea Chalk

Do you want all that water?

• Save a couple of weeks rig time...

• Is Skin the right metric?



## We got time, you got watches

#### Procrastination - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/Procrastination Toversett denne siden

While it is regarded as normal for people to procrastinate to some degree, it becomes a problem when it impedes normal functioning. Chronic procrastination ...

African time - Impulsivity - Temporal motivation theory

#### Middle East





#### Challenges

- Orienting laterals
- Sand Control
- HPHT
- Granite

#### Fishbones supporters























