# From find to field in minutes, not years.

A new standard for oil field appraisal.





We have developed a technology that will find the volume of an oil reservoir and cut costs substantially by limiting the need for appraisal drilling.

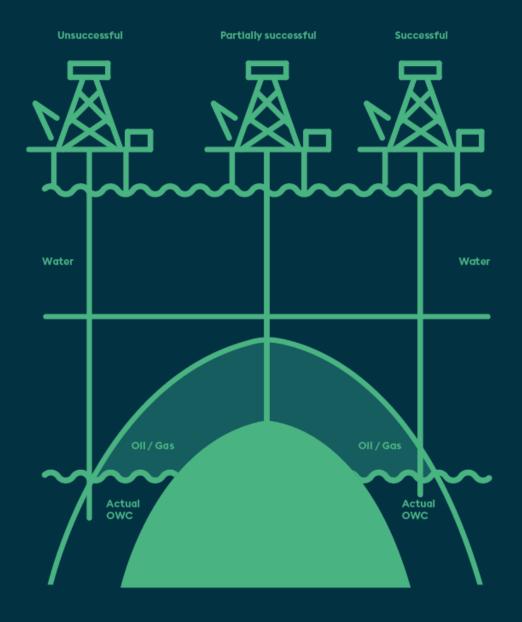
# Challenges in the industry:

- It is diffucult to know the size of a reservoir
- High cost of drilling
- Environmental impact

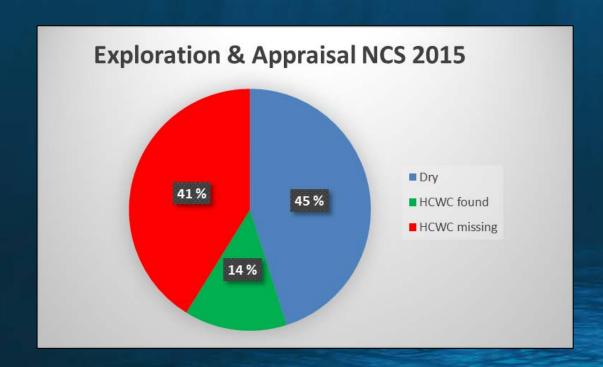
# Exploration is needed to continue production – plenty of oil to recover

According to the Norwegian Petroleum Directorate (NPD) 47% of expected remaining resources have still not been found

Because of a lack of information from the discovery well, common practice is to drill as many appraisal wells as needed to find the oil/water contact.



# Exploration results – NCS 2015 Example

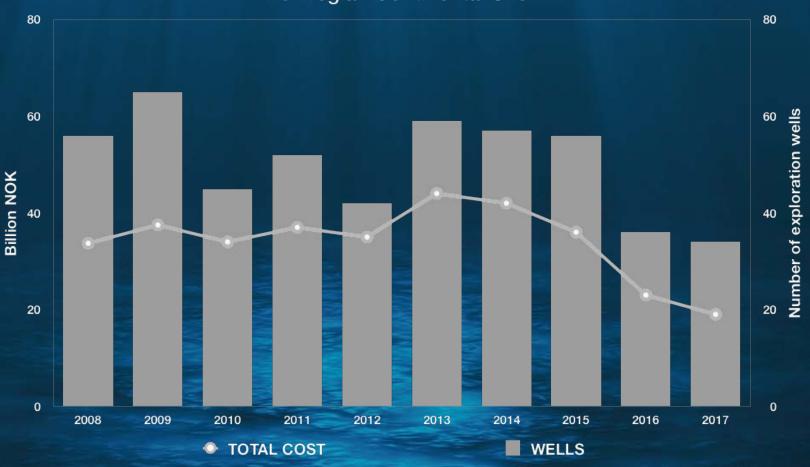




Missing contacts causes additional drilling and delay.

### Exploration costs and number of wells





### Ten year E&A averages on The NCS:

- 34 billion NOK / year
- 50 wells / year

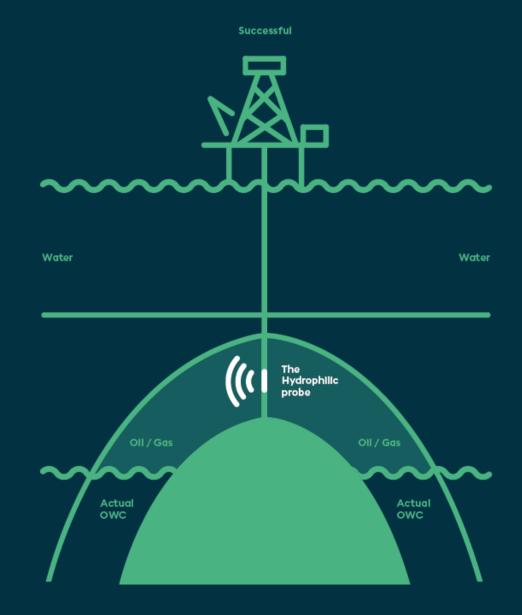
Hydrophilic will create value by making E&A more efficient: Target 4 billion NOK per year



#### Our method

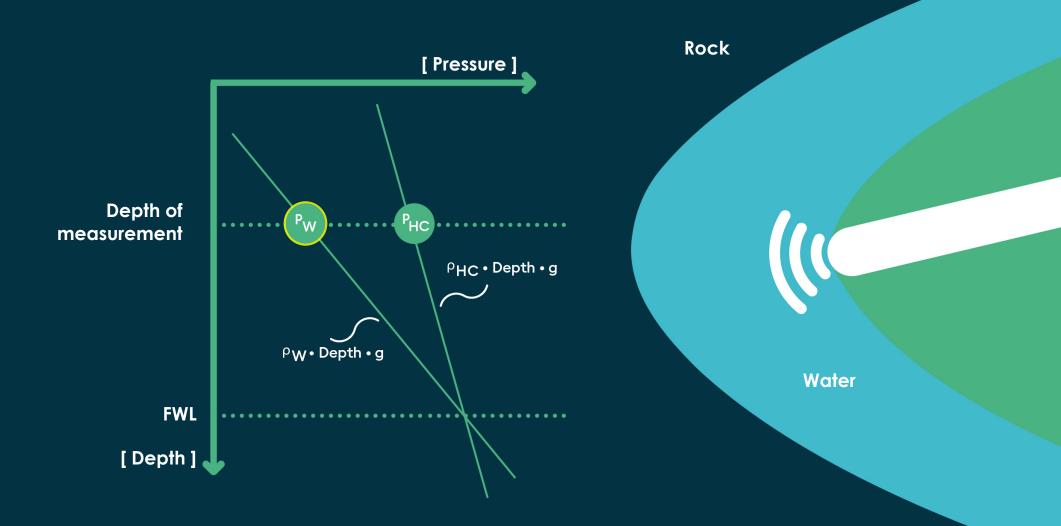
Simply put, our technology lets us measure the water pressure inside a hydrocarbon reservoir. The Hydrophilic probe enters the pores of the rock, connects with the microscopic water film that the hydrocarbons can't displace, and measures the water pressure. Now, when we have the density and fluid pressure of both water and oil, we can easily calculate the depth of the oil/water contact, giving us precise information on the volume of the reservoir.

With Hydrophilic technology, the actual oil/water contact can be ascertained from the first well.



The patented Hydrophilic probe measures the water pressure of the thin water film present in reservoir rock, using it to calculate the depth of the oil/water contact.





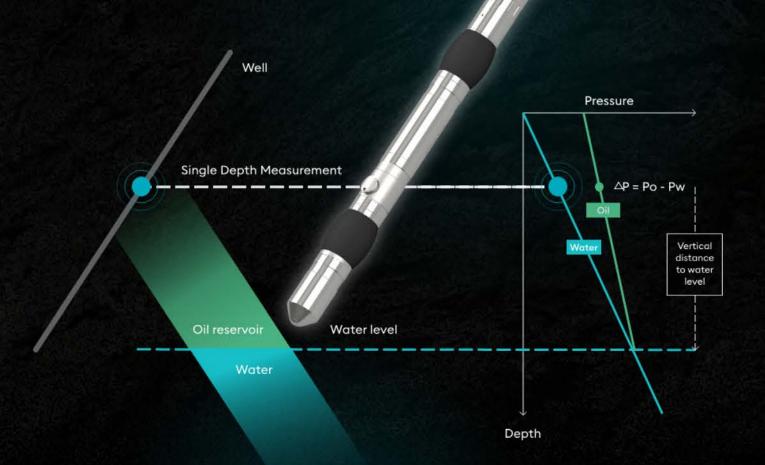
Oil

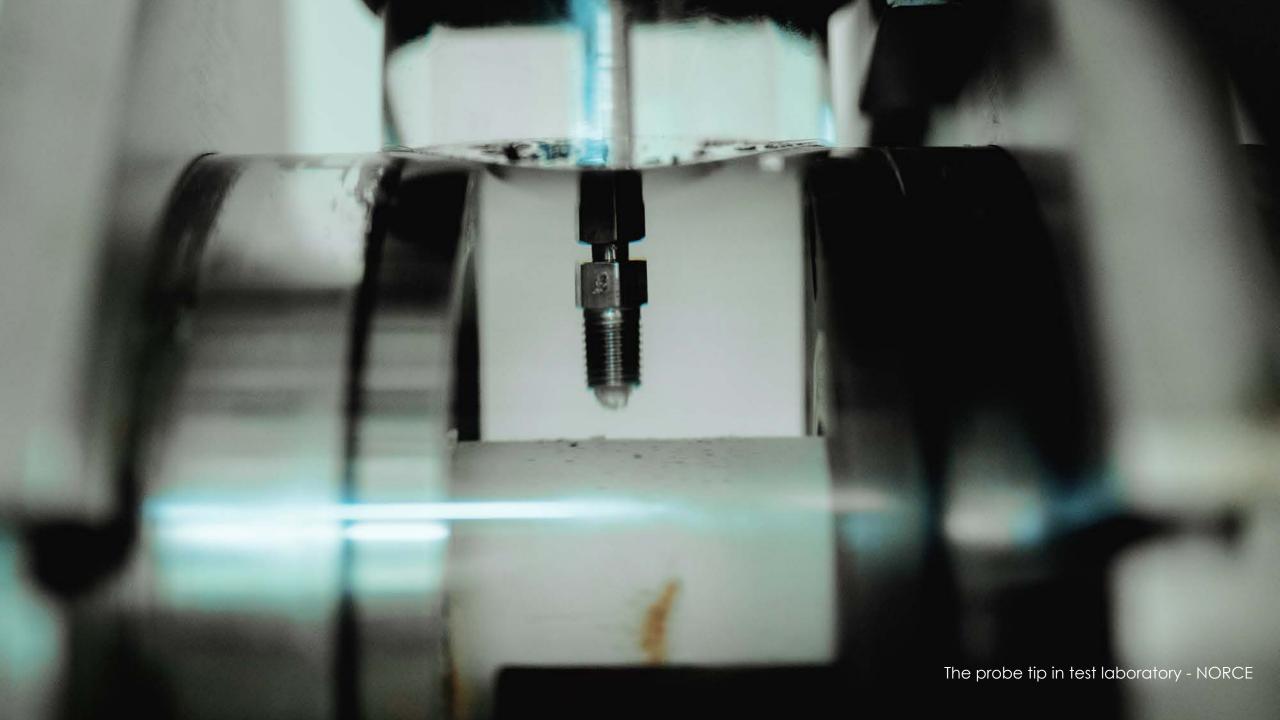


# Our product

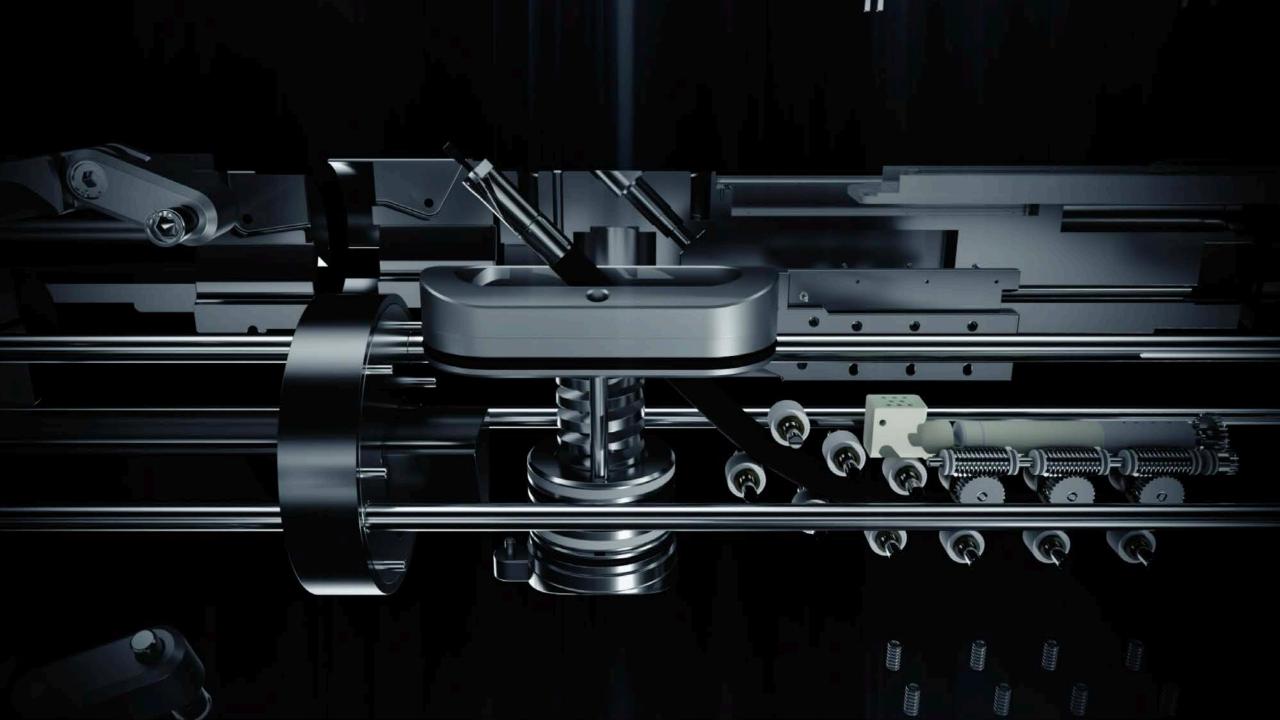
# The Hydrophilic Logging Tool













# Success stories



Supported by global leaders in the industry













#### Signatures

for Aker BP ASA

Place & Date: Norway

21 February 2020

Signature:

for Wintershall Dea Norge AS

Place & Date: Norway 24 February 2020

Signature:

Petter Sortians

Petter Sørhaug

VP Reservoir Excellence

Janne lea

Janne Lea

VP Reservoir Management Development and Engineering

for OMV Norge AS

Place & Date: Norway 19 February 2020

Place & Date: Norway

19 February 2020

Signature:

but Mauset

Knut Mauseth General Manager Stefan Wantel

Stefan Wanjek Finance Manager

Signature:

Signature:

for Hydrophilic AS

Place & Date: Tananger

19 February 2020

for Equinor Energy AS

Place & Date: Norway

19 February 2020

would Rollin

Signature:

General Manager

Hydrophilic

Anne Austlid Tryggeset Principal Consultant SCM

for Vår Energi AS

Place & Date: 4/4/2020

3/4/2020

Invoicing and Participant's contact details given in

Signature:

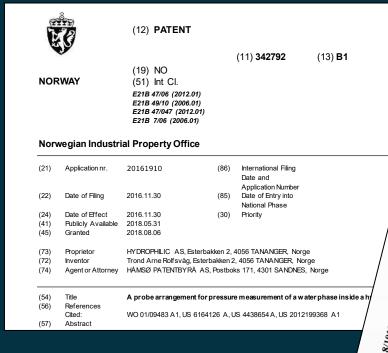
Charlotte V. Saunders

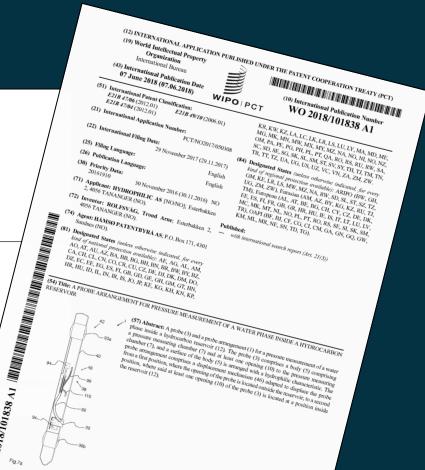
VPOCOMBOTATE Services R&D Manager

EXHIBIT E



# Unfair Advantage – patented technology







# **Economical forecast**



### **Economical Forecast Assumptions:**

- Develop and test prototype HLT on time (q4 2021) and within budget (45 MNOK)
- Raise 40 MNOK in autumn of 2020 to prepare for commercial service in 2022.
- First commercial HLT appraisal services sold in 2022 for 20 MNOK
- HLT Appraisal services of 200 MNOK per year from 2023 onwards on NCS
- Global potential for HLT is 10 times the NCS potential, linear growth over 10 years

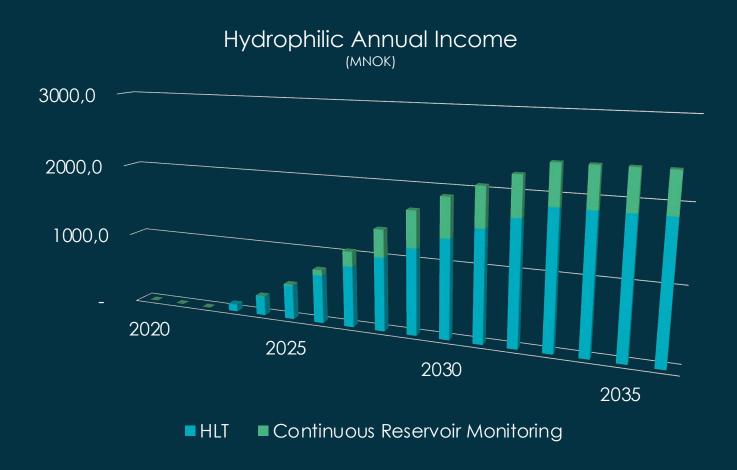


### **Economical Forecast Assumptions:**

- First commercial monitoring services for producing fields in 2023 (3 MNOK)
- Monitoring services (1 MNOK/well per year uptime) growing to 900 MNOK/year by 2028
- Consultancy services provided on break-even basis

#### Conditional Economical Forecast

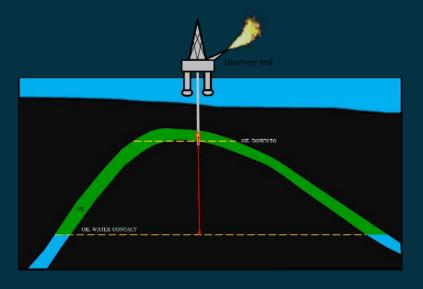




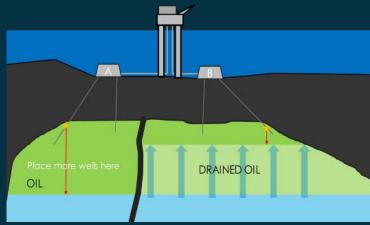


# A lot of potential for the technology globally

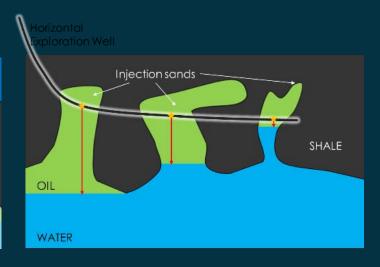
Value in appraisal phase



Value in production phase



Value in exploration phase





# The Team





Equinor, AkerBP, OMV, Wintershall DEA and Vår Energi are already on board as investors and financial supporters. They challenge and give input so we can continue to develop our technology. In addition, the Hydrophilic advisor team covers a lot of ground with their diversity in both experience and knowledge.











### **Advisors**





Martin Sigmundstad Validé AS



Terje Handeland



**Einar Bekkevold** LEAN and Engineering Services



Tarald Gudmestad Aarbakke Innovation AS



Harald Syse Reelwell AS



Olav Mellemstrand Qbird



Ying Guo NORCE and UiS



Lindsay Wilson Offshore Robotics



Craig Lindsay
Core Specialist



Knut Åm Independent Technology Consultant

#### Our Board of Directors





Terje Handeland



Tarald Gudmestad



Solveig Riisøen Member



Trond Rolfsvåg Member



Jeroen Van der Hoek Observer



Tron Bjelland Helgesen

#### Our vision

Our vision is to see reservoir engineers equipped with perfect information. That's a long shot, but if we can achieve it, we eliminate uncertainty. We will do our part.



We look forward to changing the future of the hydrocarbon industry together with you.



# Contact

For more information get in touch with CEO in Hydrophilic, Trond Rolfsvåg.

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Mob: +47 478 33 456

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