

WELLFATE KpN Project



Knowledge building project for the industry 2023 – 2028 | 22,000 knok

20% from Industry Partners





80% from Funding Agency



Project #344447

Research Partners



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Collaborations



Observers



Norwegian Offshore

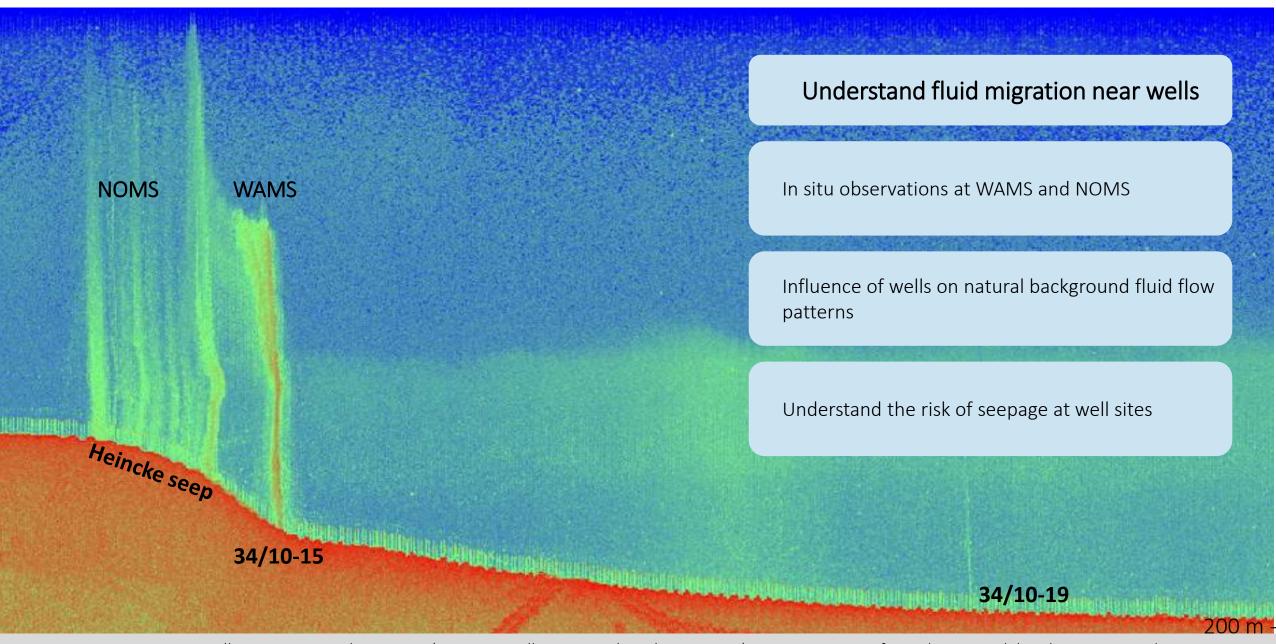
Directorate

Norwegian Ocean Industry Authority

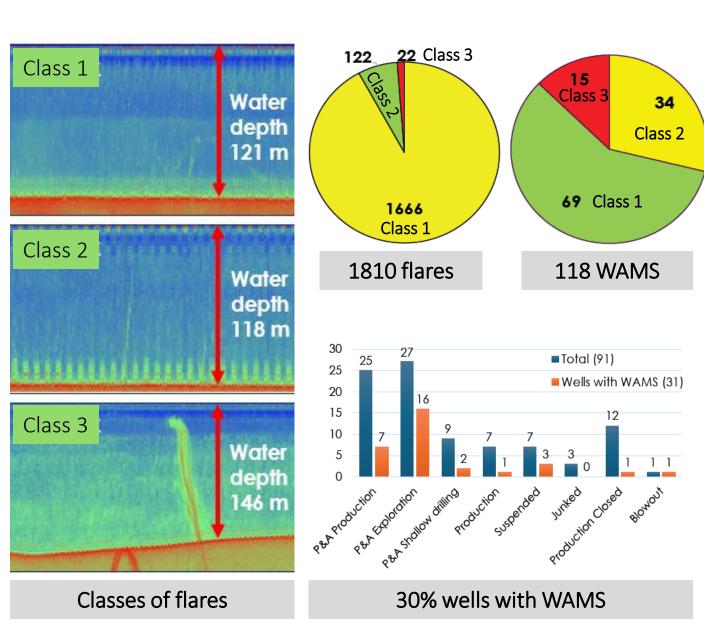


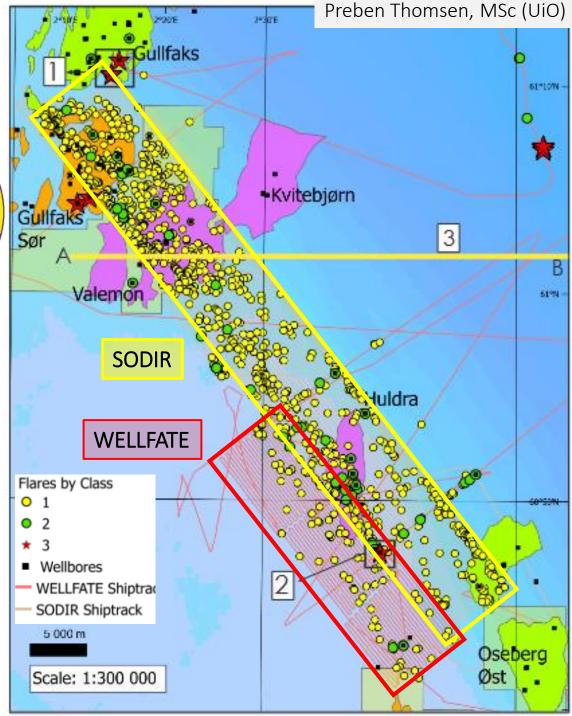
Aims of WELLFATE





WELLFATE 2024 | Tampen





WELLFATE 2025

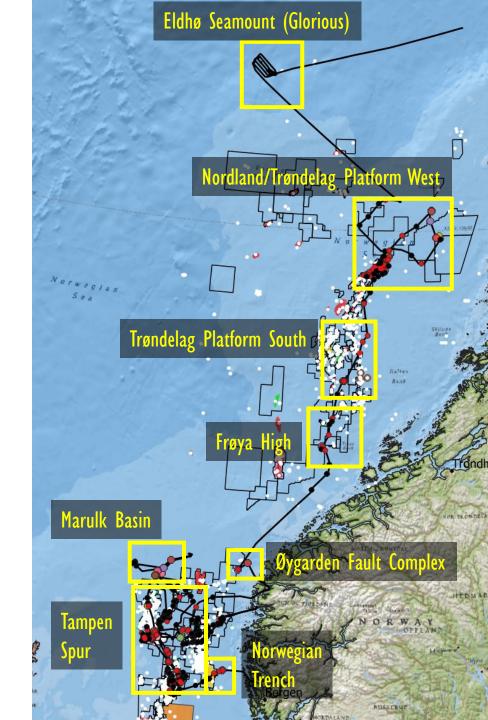
Mob in Tromsø: 19 June | Demob in Bergen: 9 July

Aurora ROV from RevOcean







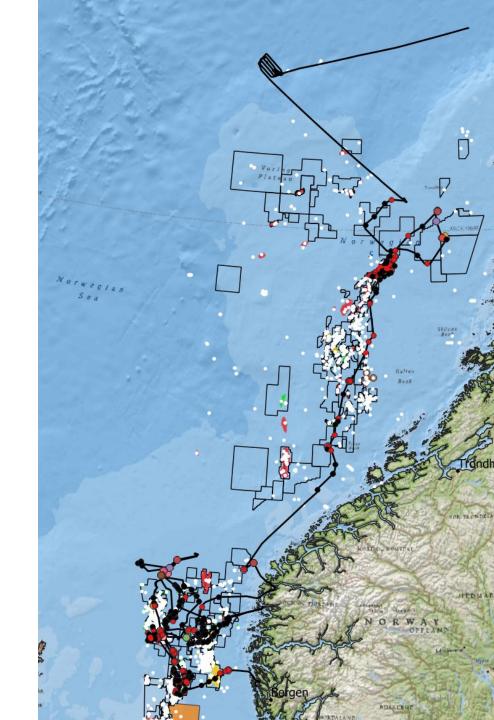


Overview Operations

Surveyed wells using water column data

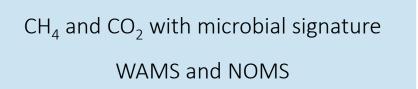
241 wells (including NPD22, WELLFATE2024, EXTREME24) 30.3% of exploration wells with WAMS Sampling of gas at WAMS and NOMS

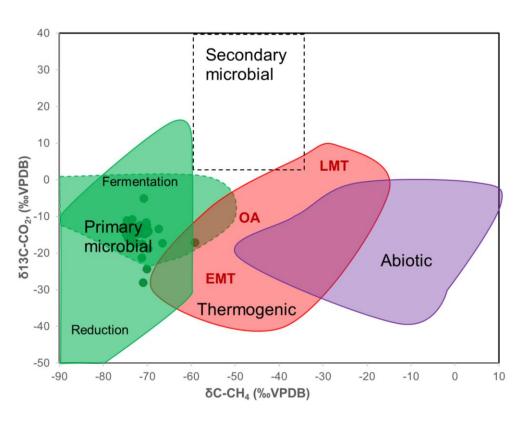


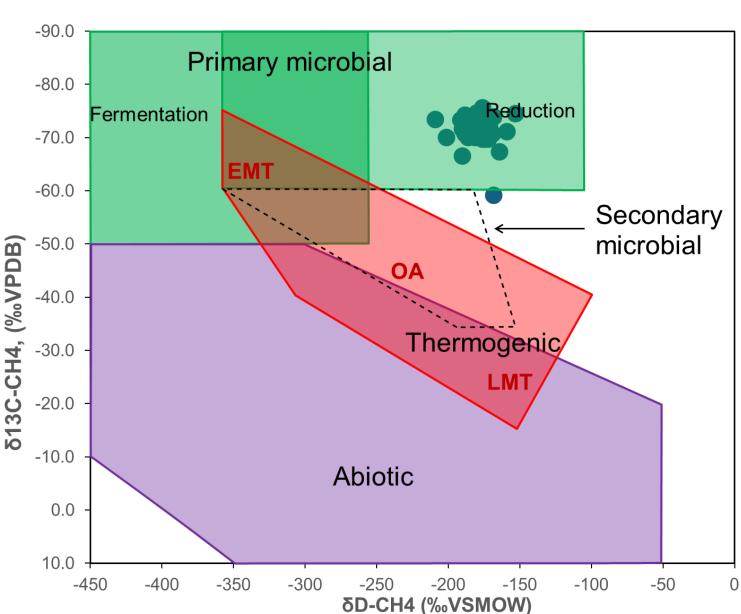


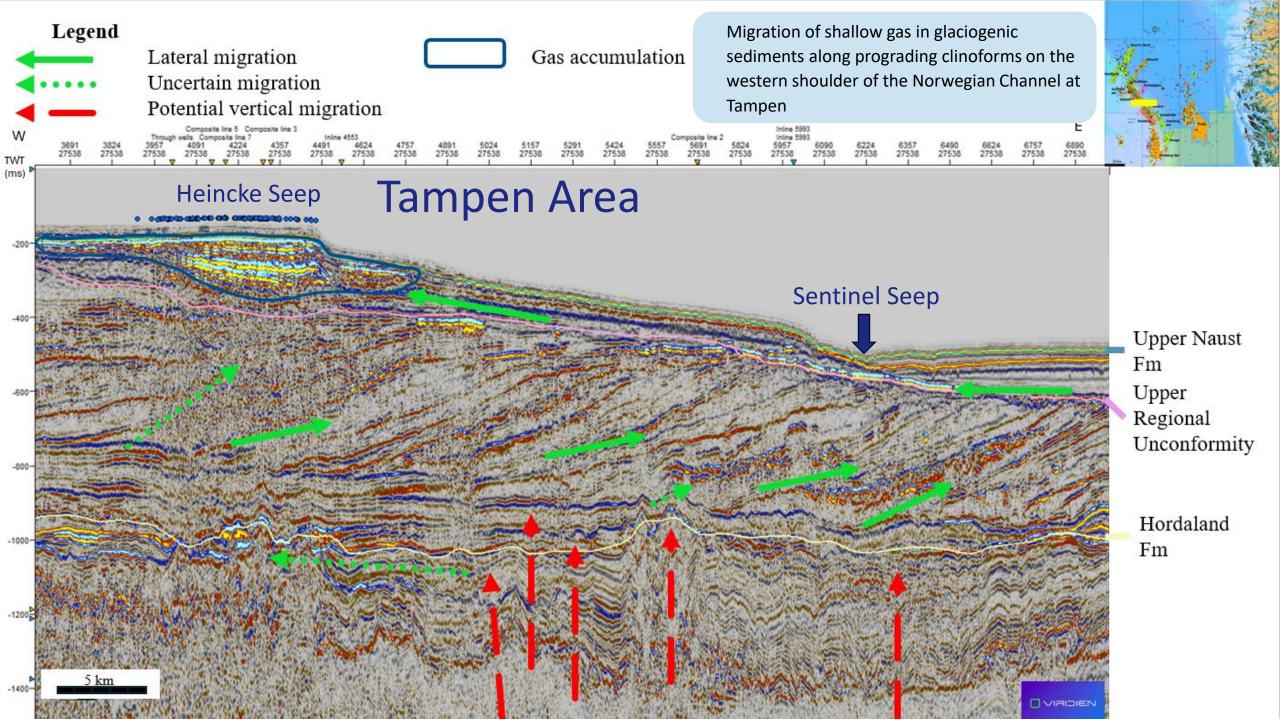
Microbial Gas | Shallow Origin

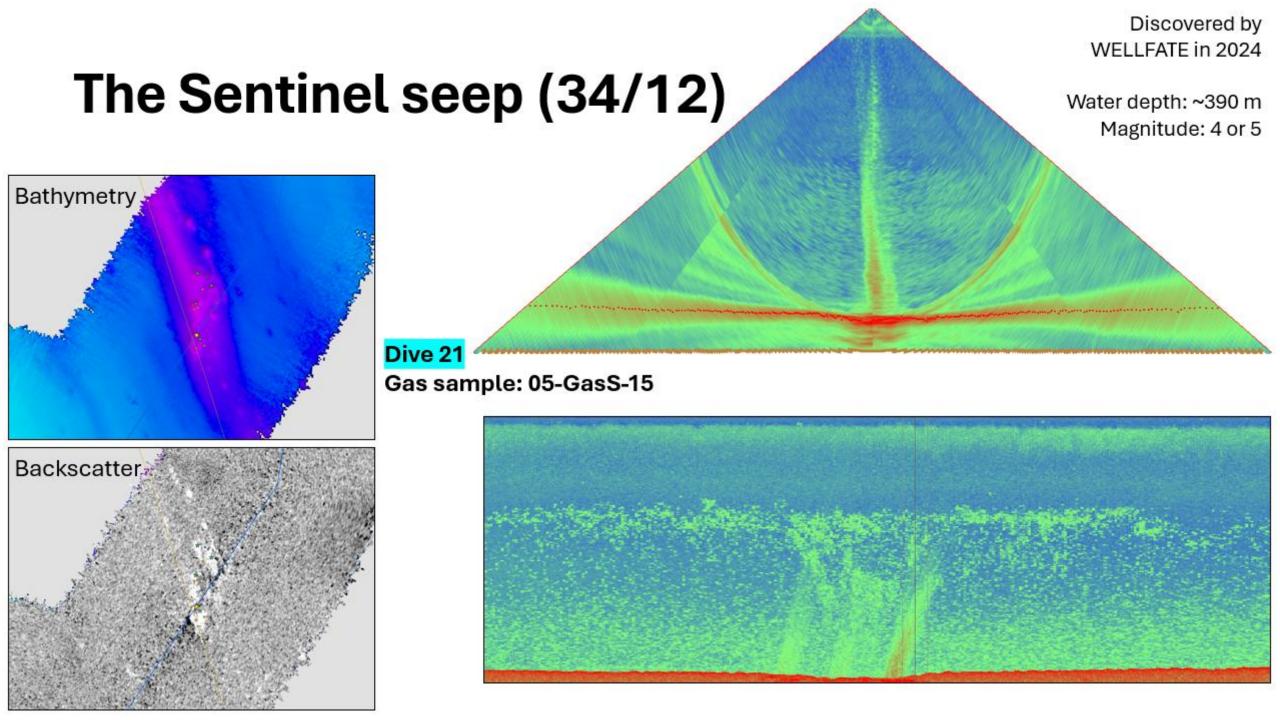




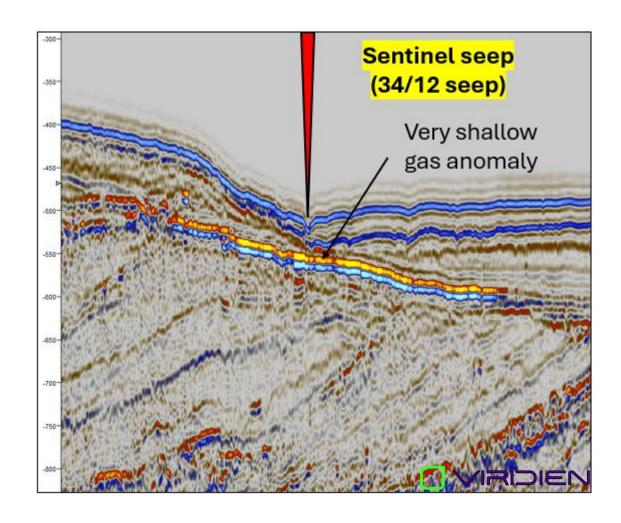


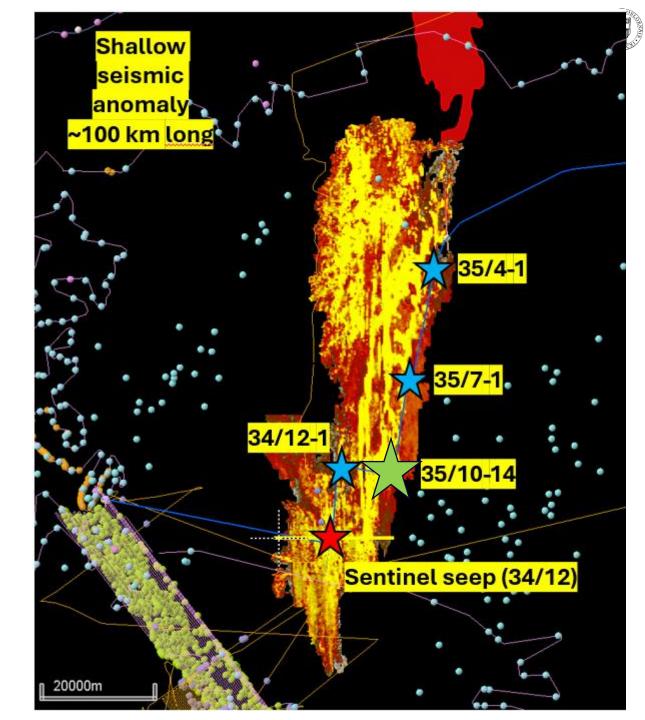






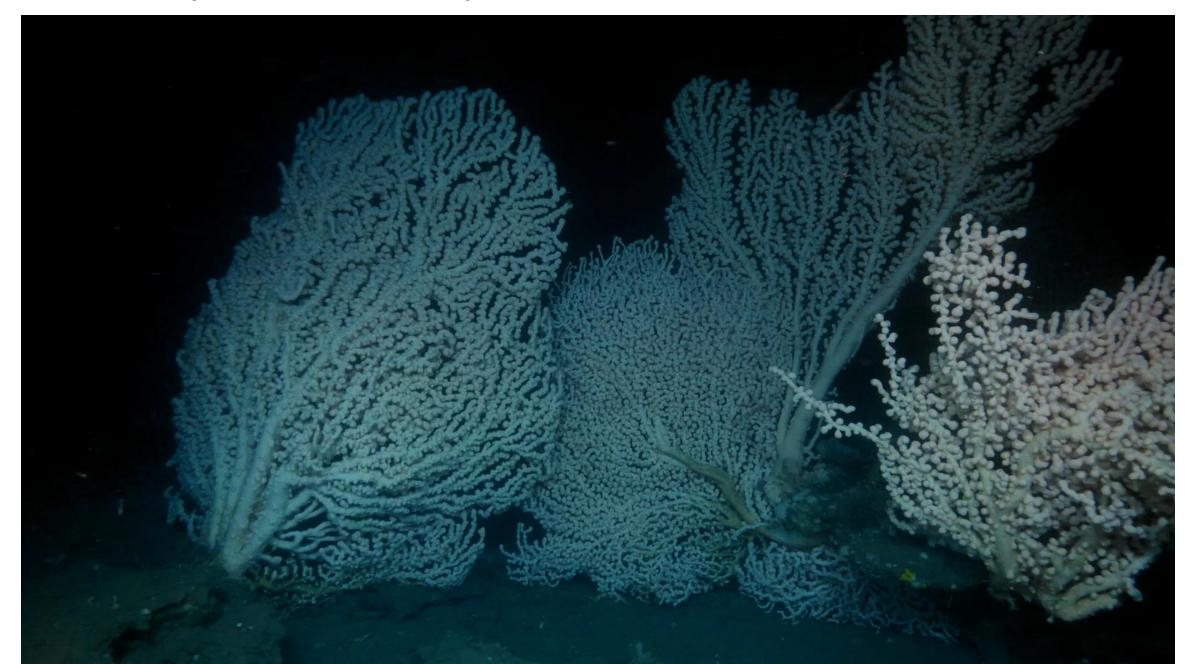
The Sentinel seep and shallow seismic anomaly Dive #21





Dive #21 | Sentinel Seep Site 34/12





Dive #28 | 35/10-14

Type: Exploration

• Status: Plugged?

• Drilling Operator: Equinor Energy AS

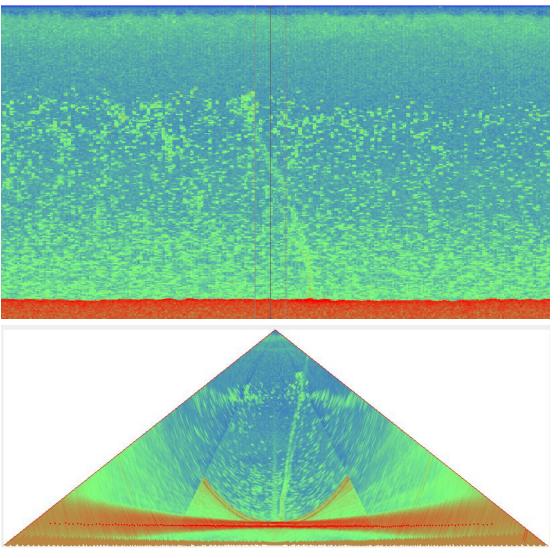
• Completed Date: 29.10.2024

Content: Dry

• Water Depth: 376

• PL1185 (Equinor, Vår, Sval, AkerBP)





Magnitude 3

Dive #39 | 34/7-27

• Type: Exploration

Status: P&A

Drilling Operator: Mobil Exploration Norway INC

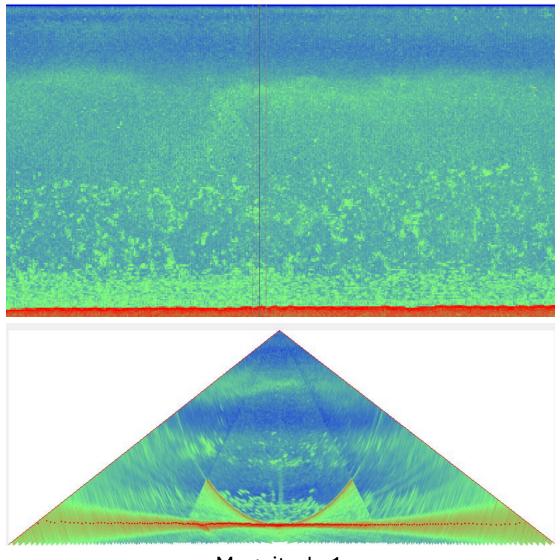
• Completed Date: 07.10.1998

Content: Dry

• Water Depth: 311

PL089 (Equinor, Petoro, Vår, Inpex, Harbour)





Magnitude 1

Dive #09 | 6608/11-6

OKEANIFERS

• Type: Exploration

Status: P&A

Drilling Operator: StatoilHydro ASA

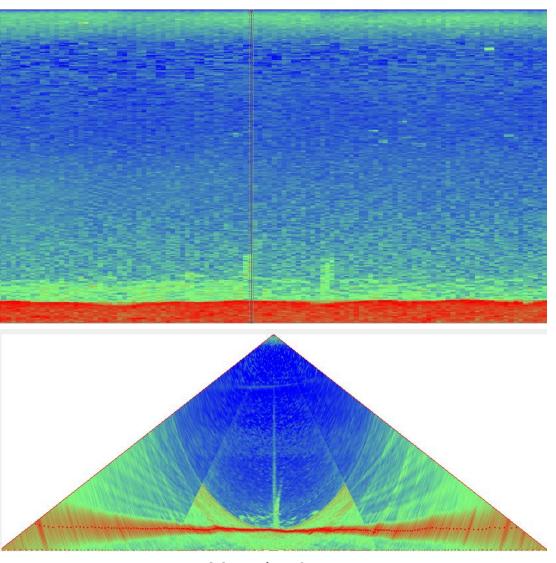
Completed Date: 06.08.2008

Content: Dry

• Water Depth: 357

• After setting the 9 5/8" casing at 1300 m, gas was observed between the 18 3/4" and 30" housing. The gas was sampled by the ROV and isotope analysis indicated that the gas was of a thermogenic origin rather than a shallow microbial or biogenic origin

PL128 (Equinor, Petoro, DNO)



Magnitude 2

Dive #32 | 34/10-52 S

• Type: Exploration

• Status: P&A

Drilling Operator: StatoilHydro Petroleum AS

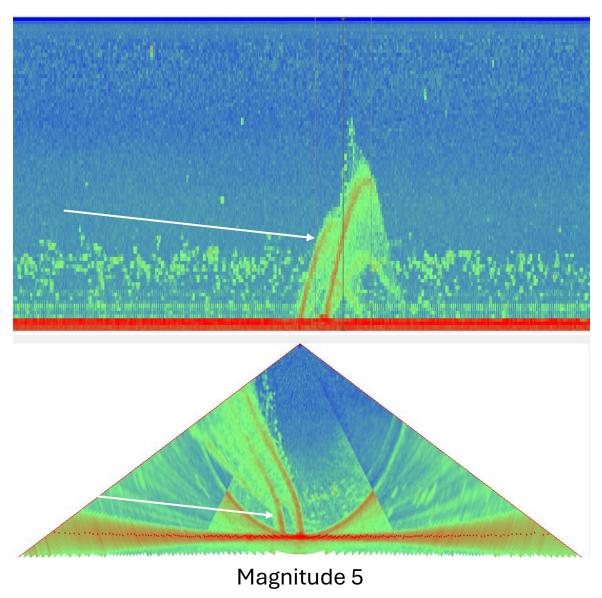
• Completed Date: 10.11.2009

Content: Dry

• Water Depth: 134

PL050 (Equinor, Petoro, OMV)





Dive #10 | 6608/11-4

• Type: Exploration

• Status: P&A

Drilling Operator: Statoil ASA (old)

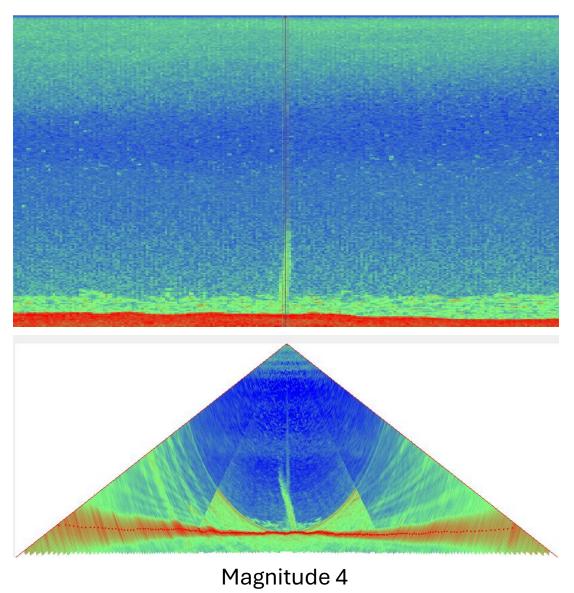
• Completed Date: 23.05.2004

Content: Oil

• Water Depth: 342

PL128 (Equinor, Petoro, DNO)





Way Forward



