

Presentation in groups of the topics:

- Volve discovery report - Exploration (Sindre, Alexander, Faraz)
- Visund PDO - Production and drilling technology (Mathilde, Joakim, Seok Ki)
- Ivar Aasen consequence report - Topside processing and development concept (Sigurd, Johanne)
- Hebron field PDO - Petrophysics (Gibran, Salma, Fadhil)

In some fields, water disposal is done through injection wells (either for pressure maintenance or to a disposal formation). Therefore, if there is an issue with the wells (loss of injectivity, plugging) this affects the water disposal capacity and can create a bottleneck in water production, requiring to reduce the oil rate of the field. Some examples are Visund and Peregrino. The injectivity is often maintained by creating fractures in the near-wellbore formation.

A brief recap was given about of the analytical development of field production profile for plateau and post-plateau periods for an undersaturated oil reservoir with underlying aquifer and produced with ESP pumps