

Subsurface Production Complications

- [Cross-layer natural fracture communication](#)
- [Inlayer natural fracture communication](#)
- [Reservoir deterioration in cross-well areas](#)
- [Induced fracture communication](#)
- [Non-uniform areal pressure depletion](#)
- [Non-uniform water front propagation](#)
- [Gas break-through](#)
- [Gas coning](#)
- [Bottom-water coning](#)
- [Non-uniform vertical pressure depletion](#)
- [Induced fracture collapse](#)
- [Perforations and near-reservoir zone plugging](#)
- [Bottom-hole debris](#)
- [Thief injection](#)
- [Thief production](#)
- [Pump failure](#)
- [Pipeline failure](#)
- [Completion failure](#)
- [Casing failure](#)

See Also

[Petroleum Industry](#) / [Upstream](#) / [Production](#) / [Subsurface Production Operations](#)

Reference

https://wiki.aapg.org/Production_problems