

Hole Problems Level-1

An online course presented by UPTAINERS academy for 5 hours for the period (22,23,24/6/2023) to describe and understand the common problems of drilling and production phases in oil wells.

Outline:

- Life cycle of the well
- Pressure types in drilling (Fracture pressure, Hydrostatic pressure, Formation pressure, MASSP, Swap, and surge)

Drilling problems :

- Lost of circulation
- Stuck pipe
- H₂S
- Hole cleaning
- Pipe failure
- Pipe washout
- Formation washout
- Bit nozzle washout
- Bit nozzle plug
- Bit balling
- Mud contamination
- Kick and Blowout

Production common problems:

- Formation Damage
- Conning
- Sand production
- Casing failure



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