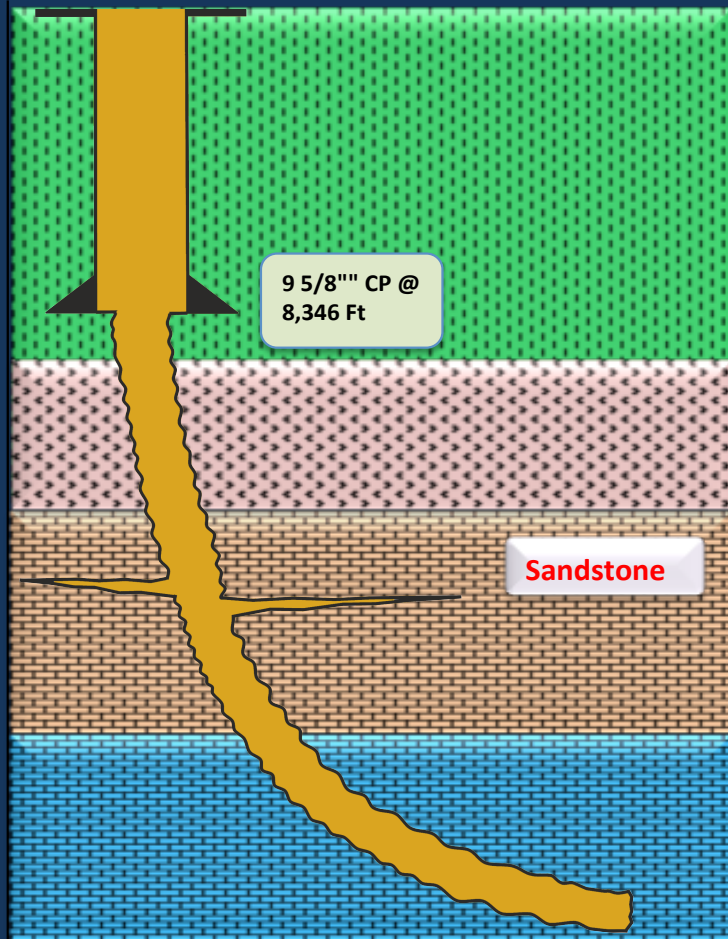


STOPLOSS TACKLE ANNOYING LOSSES IN A 10,857 FT WELL - Natuna Sea, Indonesia



The Challenge

Mud loss must be stopped before logging operation can be done in 8½" hole at 10,857 ft. Two different LCM pills were pumped but failed to stop or reduce loss rates to a satisfactory level.

The Action

Drill bit was on bottom at 10,854 ft when **partial losses observed**. As other LCM pills **did not provide acceptable result**. Operator decided to use **STOPLOSS regardless of unavailability of circulating sub on the string**. The drill bit was a PDC with jet sizes of 6 x 18/32nd". Pumped 20 bbls Hi-Vis mud, 40 bbls of **45 ppb STOPLOSS** then 10 bbls Hi-Vis tail spacer. Got partial returns. Hole was deepened to 10,857 ft and the second STOPLOSS pill was spotted on bottom and used stage up (progressive) pumping above pill for a hesitation squeeze with ECD. **STOPLOSS was deployed thru bit jet nozzles**.

The Result

The STOPLOSS pill of 45 ppb was pumped through the PDC bit smoothly. **The hole was static to carry out further operations**. The whole STOPLOSS application process was conducted with the direct supervision of the operator. **The job was successfully conducted by the Operator with no Drilchem engineer on the rig**.