



Cementer Questions

How much operational experience do you have - how long on the Horizon?

Were you the only cementer onboard at the time?

Describe what happened on the day of the event?

Describe the casing cement job - use of nitrogen etc. - how did that go?

How much volume does your displacement tanks hold?

How much time did you spend on the unit while RIH with the displacement assembly?

Show chart and annotate all cement unit pumping while RIH with tapered string.

Once the spacer was in place for the negative test can you describe how the bleed off were made. 2400 - 1200 / 1200 - 0 / 1250 - 0 and 3-4 barrels from kill line.

Can you explain the lag on the trip tank plot - did you transfer any fluid from the cement unit to the trip tank? Identify any other times that fluid was bled to the cement unit / was anything transferred to the trip tank?

Looking at the chart did you do any other bleed offs to the unit?

When the 3 - 4 barrels were bled off how fast did that flow - was it slowing down?

When you pumped through the kill line to check it was full can you remember how much you pumped and what the pressure was?

At 17:52 there is a pressure blip to approximately 700 psi - can you explain what that is?

Clarify bleed off before DP press built to 1400 psi did the fluid go to the cement unit then the trip tank?

When did pumping down kill line happen and what were the strokes / pressure?

Draw how the cement manifold looked on the Horizon.

Did you go to the rig floor during the day - if so what did you see or hear?

When did you realise something was wrong?

Can you describe what happened to you when the explosion(s) occurred?

Did you know what was happening on the rig floor during the day?

Were you at any meetings on the rig floor or in the accommodation that day?

Did you see the displacement or negative test program?

Were you onboard for the last or previous BOP tests - how did they go?

Are you aware of any issues with the BOP system?