

# Top Kill Risks and Mitigations

| Risks Identified by BP                                    | Mitigations in Place  |
|---|---|
| Damage to well integrity during pumping                   | Determined maximum safe pressures   |
|   | Did not exceed safe pressures   |
|   | First tried momentum kill with no bridging material   |
| Bridging material completely blocks flow path through BOP | Injected bridging material in measured amounts  |
|   | Monitored pressure response   |
|   | Ability to vent pressure back through Top Kill subsea infrastructure                                |
| Compromising relief wells by pressurizing shallow sands   | Waited until both relief wells had drilled through zones of concern, and cemented casing to isolate |