







Well Control Response

- Oil & Gas Well Blowout
 - First response
 - Well control
 - Well recovery
 - Relief well
- Pressure Control
 - Kick resolution
 - Well kill
- Unconventional Intervention
 - Cryogenic freeze
 - Hot tapping
 - Valve drilling



Well Control Services	2019	2020	2021	2022	2023 Oct.
Surface Blowout with Fire	4	0	2	3	3
Surface Blowout	31	23	23	29	34
Pressure Control	25	19	26	28	37
Relief Well Projects	7	0	3	2	5
Unconventional Intervention	106	71	84	117	116
TOTAL	173	113	138	179	195



Well Control Events & Trends

- Blowouts happens globally onshore and offshore.
- Responding to more pressure control jobs in conjunction with Well workovers and P&A operations.
- Relief well/Intervention well planning & projects are increasing globally for non-emergency work.(P&A).
- Serious well control incidents are escalating due to operator are handling issues themselves and same could lead to serious harm or fatality to personnel on site.



What do we see?

Some Operators, handling well control incidents themselves?

- Safety Plan ?
- Personnel on location ?
- Hot zone ?
- Blowouts can ignite?







Leading factor are Human Errors.

- Not following set program, standards
 & guidelines.
- Competence
- Well Control training

How can we improve in the Industry?









