

E&P Works with Service Company to Solve for Increased Longevity of Oseco Safety Plug

Background - During 2016, a prominent energy company was experiencing difficulty with pressure management while completing wells in Colorado. They contacted Oseco to request troubleshooting assistance. An Oseco Consultant for Pressure Management Operations, met onsite with a team to identify causes of the Oseco Safety Plug's suspected premature activation.



Issue - At that time, crews were experiencing up to three activations per week. Together the group identified three possible causes for these seemingly premature activations:

1. Leaking Plug valves during pressure test
2. Isolation valve opened to Safety Plug after pressure test bleed down
3. Lack of bleed off during line fill to eliminate air

Outcome - Through process analysis and collaboration with the Service company, the team ultimately identified the root cause: *Water hammer effect from opening isolation plug valve to Safety Plug with ~3,000 psi behind it*

Solution: Bleed down pressure to <1000 psi before opening valve

Since implementing the change, the crew has not experienced another premature activation and the life of the Safety Plug has been extended, currently to 300+ hrs. and rising. Personnel are pleased with the performance of the Safety Plug since making the change. Working closely together with the Service company on this issue identified a key operational fix and created added value for the crew while keeping the location safe from over-pressurizations and maximizing the value of the Safety Plug through extended use.

Let us help you with all your pressure relief questions.

www.oseco.com

Oseco
 1701 W. Tacoma
 Broken Arrow, OK 74012 USA
 24/7: (800) 395-3475
 email: info@oseco.com
 Tel: (918) 258-5626
 Fax: (918) 251-2809



Join the conversation, follow Oseco on Social Media!

Follow us!

@oseco 

/company/oseco 

@osecomanufacturing 