**YOU MISSED A QC SEED. NOW WHAT?**

**MAKING THE MOST OF YOUR QUALITY PROGRAM**

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**Abstract**

QC seed failures are standard on MMRP projects, but the responses to these failures vary wildly through the industry. The best-case scenario would be to perform a thorough root cause analysis (RCA) and implement any corrective action (CA) on not only the project in question but sharing the information across your organization to prevent future quality concerns. More often though, the information generated doesn’t extend beyond the project team for the given project. And in the worst-case scenario, the RCA process is rushed to prevent interruptions to production schedules.

While validation seed failures automatically trigger the need to contact your accrediting body (AB) and potentially cease production on your work site, QC seed failures have less severe implications. That does not mean that they are less serious though. The Geophysical System Verification (GSV) process is designed to place QC seed in more challenging locations for detection and classification, which can involve placement near obstacles and greater depths when compared to validation seeds. This presentation will draw upon actual failures at various production sites to identify themes across the industry; think of it as cluster analysis for RCAs. We will discuss how to manage expectations of your clients and stakeholders to ensure they understand the process, and provide suggestions on how to effectively share information across the entire geophysics group within your organization to turn those lemons into lemonade.