Cement Evaluation

Regulatory Perspective
May 8, 2015

“To promote safety, protect the environment and conserve resources offshore through vigorous regulatory oversight and enforcement.”
Regulatory Concern

Have we established isolation?

Drilling:

- 250.427: Pressure testing cement shoe

- 250.428(c): Suspected inadequate cement job
  - Temperature survey
  - Bond long
  - Others?
Regulatory Concern

Have we established isolation?

Abandonment:

250.1715(a)(6): Must pressure test annuli

250.1715(b): Must pressure or weight test:
- First plug below the surface plug
- All lost circulation plugs not in open hole
Regulatory Concern

Alternate Compliance and Departure Requests

Provide logs to better support requested deviation from regulation

Example would be demonstrating excellent cement via USIT log 400’ above highest production zone with conditions to fully meet 250.421 during final abandonment.
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