P-110 Casing/Coupling Failures

Challenge
While operating in the Bakken region in 2011, one operator experienced numerous P-110 casing/coupling failures resulting in significant delays in well completion.

Solution
T H Hill engineers determined that poor manufacturing caused the failure of casings/couplings and wrote a P-110 casing/coupling specification for the operator for casing manufacturing with more stringent requirements than the previous API 5CT Specification. During manufacturing of the casing/coupling, T H Hill engineers monitored the manufacturing of the casing/coupling to ensure compliance with this new standard.

T H Hill Advantage
By establishing the casing manufacturing standards and monitoring production, T H Hill reduced the failure rate of the casing/coupling failures over 80%.

Location
Bakken

Tools
P-110 Casing/Coupling

Scope of Work
- Identify the root cause for failure of the casing/coupling
- Develop and implement manufacturing specifications to prevent recurring failures

Duration
Since 2011

Completion Date
Ongoing

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