

AMERICAN GILSONITE COMPANY

Gilsonite® G-Bond provides exceptional slurry for Western U.S. wells



Project Details

Location	Western U.S.
Company	Resource Cementing
Product	Gilsonite® G-Bond
Application	Wells where lost circulation and gas are common

G-Bond achieves a strong seal and isolation in challenging formations

Western U.S. operators face circulation loss, wellbore isolation issues

Wells drilled in a Western US state commonly encounter formations that result in lost circulation during primary surface pipe cementing. Resource Cementing company was pumping slurry in a well with 1,025 feet of 9.625" casing set in a 12.5" open hole with an 11.0 ppg lightweight cement. Controlling lost circulation and providing good compressive strength were primary concerns.

Gilsonite® G-Bond provides circulation-loss control with greater compressive strength

Resource Cementing selected Gilsonite® G-Bond as an additive. G-Bond rapidly disperses in cement mix water, so high concentrations can be used to obtain a low slurry density without jeopardizing wellsite mixing or pumping. G-Bond lowered both the hydrostatic pressure and the equivalent circulation density (ECD). Cement returned to the surface on three out of three wells.

G-Bond achieves strong seal and isolation

The cement slurry exhibited some thixotropic properties. Wells treated with G-Bond demonstrated a strong seal and wellbore isolation. Only one well showed post-job backside gas, at a trace level well within acceptable limits.

The Operations Support Manager of Resource Cementing stated that using Gilsonite® G-Bond helped create "a beautiful slurry – it pumped like butter. The result was a good seal on all three wells. Additional wells are planned for later this year. G-Bond will again be part of the surface pipe cementing formulation."



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There's only one source of Gilsonite®. **Naturally Better®**

16200 Park Row Drive, Suite 250 ■ Houston, TX 77084 ■ +1.713.400.7600 ■ americangilsonite.com

Gilsonite® is a registered trademark of American Gilsonite Company for the naturally occurring hydrocarbon resin, uinitaite.