

Background

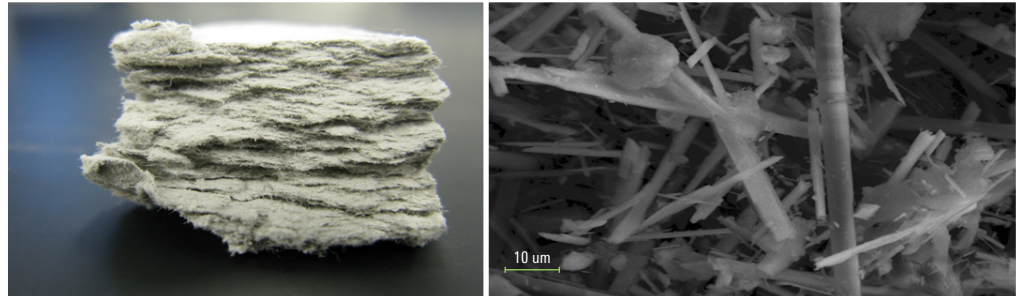
While drilling in the Hartha Formation, a major operator incurred total losses. An offset well was delayed for more than 5 days while curing similar losses with cement plugs, so the operator sought a more efficient solution for the new well. M-I SWACO proposed squeezing a FORM-A-BLOK* high-performance, high-strength lost circulation pill into the thief zone to prevent further losses and strengthen the wellbore sufficiently to enable the operator to continue normal pull-out-of-hole operations and run 9%-in casing to section TD of 2,122-m MD.

Technologies

FORM-A-BLOK high-performance, high-strength lost circulation pill

FORM-A-BLOK Pill Mitigates Approximately 92% of Downhole Fluid Loss, Onshore Iraq

Treatment of well experiencing total losses reduces loss rate from 18 to 1.5 m³/h within 6 h vs. 5.2 days



The FORM-A-BLOK pill reduced the dynamic loss rate from 18 to 1.5 m³/h. Before the pill was pumped, a total of 235 m³ of fluid had been lost into the formation. The pill cured the losses in 6 h as opposed to 5.2 days for a 95% time savings.