Halliburton sets world record in challenging multilateral application

Engineering capability further differentiates company for growing markets

HOUSTON – (May 17, 2011) – Halliburton has installed the deepest TAML Level 4 cemented multilateral junction in the world for PetroChina’s Tarim Oilfield Company (TOC) in a remote onshore well in the Xinjiang province of Northwest China, doubling reservoir exposure, increasing production, and reducing drilling and completions costs. TAML classifications were established by the group Technology Advancement for Multi-Laterals.

Halliburton applied engineering expertise during planning and execution to overcome the numerous technical challenges associated with creating this milled casing exit with a cemented multilateral junction. TOC now regards multilateral technology as a solution for additional wells of the same nature, possibly with more than one junction per well.

The multilateral technology installed for TOC is also a solution for shale plays, which are often located in places where surface access is limited. Multilateral technology enables operators to maximize production without drilling additional new wells.

Multilateral technology was once believed to be for only mature fields to maximize production. But today the technology is being applied much earlier in the development phase, driving improved economics for shale gas and deep water, where maximizing production is often difficult with conventional drilling methods. Halliburton’s leading position in the planning and execution of challenging multilateral installations and the reliability of the technology itself have enabled this step change.

For TOC, Halliburton created the TAML Level 4 multilateral junction at 5,089 meters (16,696 feet) measured depth in the vertical section of the 7-inch, 29-pound-per-foot weight liner. The main and lateral wellbores were cased and cemented, with both bores cemented at the junction.

Halliburton leads the industry in TAML Level 4 junction installations with its MillRite® system. The company’s multilateral technology lowers customers’ capital expenditures by reducing the need for extensive surface facilities, which is also an essential element in environmentally sensitive areas.

Halliburton has been a multilateral technology leader since 1993 with a proven track record of increasing reservoir productivity at lower costs compared with conventional wells. The company now holds world records in both the deepest junction and the deepest cemented junction installations.
About Halliburton
Founded in 1919, Halliburton is one of the world’s largest providers of products and services to the energy industry. With more than 60,000 employees in approximately 80 countries, the company serves the upstream oil and gas industry throughout the lifecycle of the reservoir – from locating hydrocarbons and managing geological data, to drilling and formation evaluation, well construction and completion, and optimizing production through the life of the field. Visit the company’s website at www.halliburton.com.