ThunderCloud™ Frac Plugs Fully Dissolved In Low Salinity Application

ThunderCloud™ MITIGATED CONCERNS OF FULLY DISSOLVING IN A LOW SALINITY DH CONDITION

JILING, NORTHEAST, CHINA

OVERVIEW
To reduce cost and completion time, CNPC one of the largest NOC China opted to use dissolvable technology to omit CT mill out intervention. But there were concerns about the capability to fully dissolve in the low salinity completion fluids. Petrostar tested and introduced a new series of ball and plugs with customized recipe. 7 ThunderCloud™ frac plugs were installed and well was isolated for fracturing without any issues, wiper trip conducted 7 days later confirming all plugs, balls were fully dissolved with fine debris returns.

OPERATIONS
7 ThunderCloud™ frac plugs were installed. Packer set, Ball seated and confirmed by pressure rating, Fracturing went well with max. pressure recorded at 9,427 psi and pressure held up without issues during fracturing. Wiper trip conducted 7 days later, no restriction encountered and fine debris returned verifying the reliable full dissolution.