



video transcript

fiber optics

human energy®

We also use distributed fiber optic technologies – both temporary and permanent well installations – that break from conventional well-surveillance methods to help optimize completions and production.

Temporary placement of fiber optic cables can be inserted in a well to provide real-time temperature profiles and acoustic activities across the entire well. The fiber optics allow for monitoring along the entire length of the well, with well performance observed in real-time.

Permanent fiber optic cable also records temperature and acoustic data, but it is cemented in place for the life of the well, providing down-hole flow measurements, wellbore seismic readings, thermal imaging, and completion efficiency.