WellDog is a long established unconventional resource technology and service company.

Founded in 1999, WellDog blends science and service to generate innovative solutions to the complex problems that arise in the unconventional resource industry. WellDog’s mission is to drive industry sustainability through georesource innovation.

Reservoir characterization
- Gas testing—Gas content testing in coal, shales and other tight formations
- Permeability testing—Permeability analytics in coal, shales and other tight formations
- Lab services—petrography and geochemical analysis

Reservoir monitoring
- Downhole permanent electronic pressure and temperature sensing—artificial lift optimization and reservoir monitoring, single and multizone.
- Downhole distributed acoustic and temperature fiber optic sensing—Frac and production monitoring across the lateral

Carbon Services
- Monitoring, verification and accounting services for carbon sequestration

Artificial lift systems
- Progressive cavity pumps
- Solids management
WatchDog
Permanent and semi-permanent real-time downhole data solutions

WatchDog provides a comprehensive range of production and reservoir monitoring solutions that allow remote monitoring of wells and reservoirs in real time.

Our robust and fit-for-purpose systems deliver reliable long-term monitoring performance at cost effective pricing. Accurate and reliable downhole data allows you to make informed and timely decisions to optimize production and accelerate ROI. A few examples of what you can expect from WatchDog include:

- Improve the performance of your artificial lift systems
- Better understand your reservoir performance
- Effectively manage reservoir drawdown with accurate bottom hole pressures
- Establish greater understanding of inter-well connectivity

WHAT IS WATCHDOG AND HOW DOES IT WORK?

WatchDog is a flexible cable-based permanent and semi-permanent monitoring system. WatchDog systems use robust downhole measurement technologies to acquire reservoir pressure and temperature. Collected data is transmitted back to you, providing an accurate, real-time, picture of what is happening downhole. This information enables real-time decision making.

WATCHDOG APPLICATIONS

- Artificial lift system management and production optimization
- Pressure build up and pressure transient analysis
- Bubble point management and reservoir drawdown control
- Reservoir model calibration
- Interference testing for down spacing
- Monitoring stimulation performance behind casing during stimulation operations
- Monitoring interference between wells looking for aerial communication
- Monitoring stacked reservoirs for reservoir communication and depletion

WHY USE WATCHDOG?

- More than 3,000 systems installed worldwide with a 95% historical success and zero LTIs
- Hundreds of thousands of hours of field based operational experience means installation success
- Unprecedented levels of service and support
- Remote data acquisition & data center options are available
- More than 14 million hours of data safely collected