

Monitor methane gas pressure in a production well

APPLICATION C168

Type of Company: Energy Services Company

Location: Wyoming

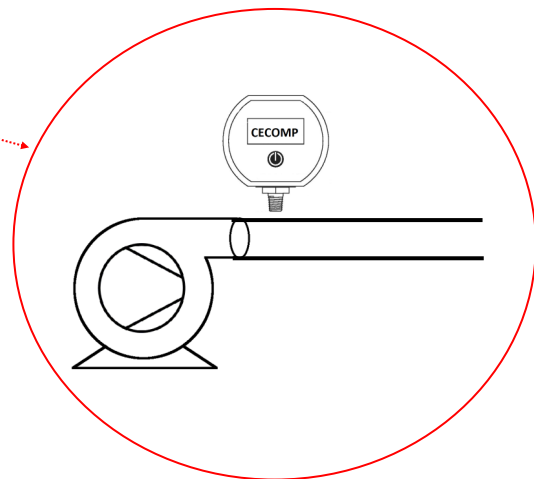
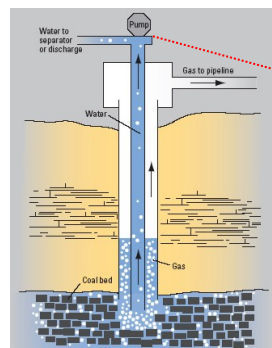
Methane adsorbed into a solid coal matrix will be released if the coal seam is depressurized. Energy service companies can produce methane by drilling wells into a coal seam. The goal is to decrease the water pressure by pumping water from the well. The decrease in pressure allows methane to desorb from the coal and flow as a gas up the well to the surface. Methane is then compressed and piped to market.



The Engineering Issue

The engineer has two requirements:

- To monitor the pressure of the methane gas in the production well.
- To monitor the compressor operation.



The engineer used a Cecom DPG1000B. This gave them a standard and reliable gauge that could be used either to monitor the methane gas pressure or to monitor the compressor operation.

Problem. Solved.