



www.flowstardcr.com

Cost Efficient Flow Measurement Solutions Coal Bed Methane, Tight Shale Gas and Shallow Gas

Flowstar Technologies Inc. offers the oil and gas industry's leading solution to flow measurement as it pertains to Coal Bed Methane (CBM), Tight Shale Gas and Shallow Gas.

Flowstar realizes cost savings are a major consideration when dealing with unconventional gas production. The Flowstar Digital Chart Recorder (DCR) and next generation turbine meet the demands and challenges of accurate gas measurement while at the same time providing a low-cost alternative for effective measurement of the low pressure, low volume and low flow associated with unconventional gas.

Flowstar's fully-integrated flow measurement solution is the most cost efficient system available in today's market. From start-up, oil and gas producers will be able to reduce their capital costs and realize ongoing operating cost savings. Using Flowstar's DCR1000 and next generation turbine, it is not uncommon to realize savings of up to 40% when compared to competing products.

Flowstar's DCR1000 is an intrinsically safe Class 1 Division 1 self-powered and stand-alone Electronic



Typical DCR1000 installation

Flow Measurement (EFM) device. Field personal are able to capture fully-compensated production numbers right on site or they can capture the information from the DCR1000 unit's Secure Data (SD) card using DCRWorks software.

Simply download the captured data onto a laptop computer and the DCRWorks software will generate digital flow charts and spread sheets. Wellhead production can be monitored remotely via SCADA, 1X Technology, Internet or Spread Spectrum radio. Wellhead to desk top has never been easier.

Flowstar's industry-leading turbine technology, which is used in conjunction with the DCR1000, is ideally suited for CBM, Tight Shale Gas and Shallow Gas production. The turbine has the same ID as the meter run, so there is no restriction and no back pressure is created allowing these low pressure wells to be produced to their full potential.

The Flowstar turbine measures hertz (pulses) and not differential pressure this allows for the other major advantage the turbine has to offer, the large turn-down ratio. When compared to the conventional orifice plate measurement of 3:1 - 5:1 turn ratio where Flowstar's turbine has a 40:1 turn-down ratio and if calibrated on air a 100:1 turn down ratio maybe possible.

Contact us at www.flowstardcr.com or call our Calgary Sales Office at 403-206-3999 for a one-on-one product demonstration. Put us to work today to improve your economics on all your unconventional and shallow gas projects.

Flowstar Technologies Inc. is a subsidiary of



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