**TX200 TRANSMITTER**
**APPLICATION SUCCESS**

TX200™

101022

## APPLICATION SUMMARY

One of the main TX200 pressure transmitter applications is the monitoring of casing pressure. Under Federal Regulations, oil and gas field operators must equip wells to monitor and diagnostically evaluate any measured casing pressure. Lack of proper control and monitoring of these pressures, particularly where sustained casing pressure (SCP) exists, can pose a significant safety hazard to human life and the environment. The TX200 senses the casing pressure and reports the pressure readings to a control/SCADA panel which then delivers that data to be recorded and plotted for review by the well operators and regulatory officials.

## PROBLEM: LEAKING WELLS

The existence of sustained casing pressure (SCP) is often manifested as a leaking well. SCP is the result of pressure build up – when pressure had not been deliberately applied (unsustained casing pressure) – in the annulus (the space between the tubing and casing). If the pressure could not be bled-down to zero or a safe value, a potentially dangerous condition such as an underground blowout could exist.


## TX200 SOLUTION

Oil and gas field operators depend upon the accuracy, durability and approval certifications offered by the TX200 to effectively monitor casing pressure and safely maintain production while protecting workers and the environment.

- Rugged 316 stainless steel enclosure is rated type 4X/IP66
- UL listed & certified for Class I, Div. 1, Zone 1 hazardous areas
- ATEX compliant for Zone 1 hazardous areas
- 0.25% accuracy
- Certificate of calibration accompanies every unit
- ASIC designed for optimum sensor signal conditioning and temperature compensation
- Pressure ranges to 25,000 psi (1723,7 bar)
- Wide variety of pressure connections

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