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**Product** 1100 Series Magnetic Level Indicator  
**Application** Slug Catcher Level Measurement  
**Industry** Oil & Gas

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**Challenge** An oil and natural gas company needed local indication, a level transmitter and high level cutoff in an 80 in. x 30 ft. horizontal slug catcher at a compressor station. The slugs at this site have many solids that can trap a float in place. They required a design that could accommodate high solids and flawless operation.

**Solution** SOR was able to supply our magnetic level indicator as a cost effective solution to deliver local visual status of level for this company's slug catcher. The visual indication was clearly available at significant distances within the compressor facility allowing a quick "at a glance" inspection without requiring travel to the device. Using a custom bridge insert, the magnetic level indicator was able to handle process solids by providing a necessary space around the float. A differential pressure transmitter used to measure level and a high level cutoff switch were added to provide all functionality in a single bridge.

