



Product	1100 Series Magnetic Level Indicator
Application	Separator Level Indication
Industry	Oil & Gas

Challenge A mid-stream oil and gas company was using sight glasses to view the liquid level within their separator. The sight glasses began leaking, so they didn't meet environmental regulation standards. Additionally, in order to perform maintenance on the sight glasses the entire process had to be shut down, because the sight glasses used threaded connections. The sight glasses also had very poor visibility, making it harder for an operator or technician to view the level. Ultimately these sight glasses were costing the company money.

Solution SOR provided this company with 1100 Series Magnetic Level Indicators (MLI) to replace their sight glasses. The threat of leaking is not a concern with the SOR MLI, which uses a reliable chamber design that has been perfected by SOR through years of innovation and experience. SOR used flanged connections and isolation valves to mount the 1100 Series MLI to the separator, which allows for easy maintenance without shutting down the process. Finally, the 1100 Series provides industry-leading viewing capabilities. The vista™ indicator (U.S. Patent #14/638,990) has a lateral viewing angle of 200 degrees, the widest viewing angle in the industry, and a forward viewing distance of 250 feet (76 meters). It is safe to say that this customer will not have any more problems viewing the level within their separators! SOR was able to deliver these MLI's faster and at a better price than the competition. Ultimately, the SOR 1100 Series Magnetic Level Indicators give this customer a dependable and innovative solution all while reducing their cost of ownership.