



Val-Matic Valve & Manufacturing Corp.

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News

FOR IMMEDIATE RELEASE

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STEAM-ASSISTED GRAVITY DRAINAGE ARTICLE

Do you know what SAGD stands for? It stands for steam-assisted gravity drainage which is the process for extracting oil from the Canadian Oil Sands. These oil sand formations are well below the surface, making the oil only accessible by an in-place extraction process. SAGD Production Emulsion Switching valves experienced the challenge of cycling multiple times per week and providing reliable shut off while being exposed to emulsion of bitumen, oil, water, gas and sand slurries. The unique QuadroSphere® ball design allowed flushing of sand and bitumen that may accumulate between the ball and body cavity. It also reduced rubbing/friction between the ball and seats which decreased operating torque requirements. Providing a more compact automated valve assembly envelope maximized cost savings and minimized space requirements. For the full story check out the Industrial Articles page on Val-Matic's website www.valmatic.com.

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