







Gates Keeps Pace With Today's Drilling Technology







- Increased production and efficiency requires better methods and equipment. In the past, traditional vertical down hole drilling involved only static pressures.
- 2. Production competition led to the development of directional drilling and down linking with negative pressure pulses and elevated temperatures.
- Gates offers a high performance dynamic pressure rated swage-on coupling that meets the demands of today's higher performance drilling methods.
- 4. These new dynamic couplings are performance proven.
 - Grade "D" provided since 1998
 - Grade "E" provided since 2004
- 5. They can be swaged to rotary hose by certified assemblers at various locations around the world making special orders quickly available to drillers.







Progressive Products for your Rapidly Advancing Technology