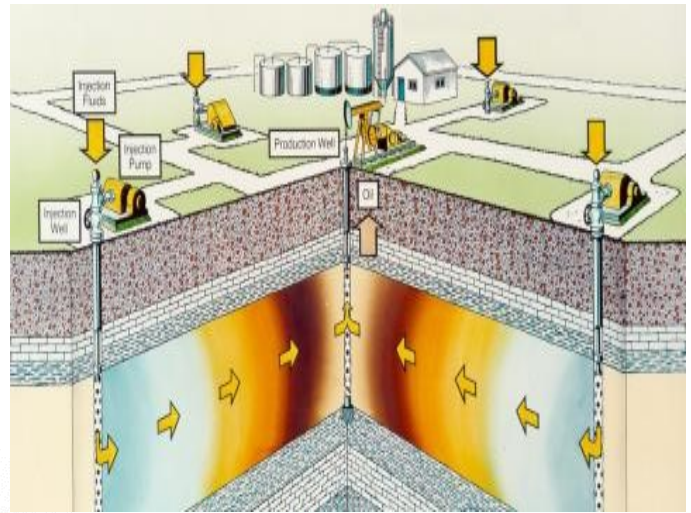


Application story

WANNER
HYDRA-CELL® PRO
SEAL-LESS PUMP TECHNOLOGIES



Polymer Injection for Enhanced Oil Recovery (EOR) (2)

Location	Canada	Hydra-Cell model	500 x G15XDSGFHEHH
Type of application	Injecting Polymer	Flow rate	Up to 40 L/min (11 GPM)
Liquid	Polymer	Pressure	Up to 70 Bar (1000 psi)
Application details	For injecting polymer as the critical procedure in enhanced oil recovery Cenovus Energy turned to Hydra-Cell technology. More than 500 G15 pumps were installed in Canadian oil sands to inject the liquid which is vulnerable to shear. The gentle handling of the Hydra-Cell pumps preserves the viscosity of the polymer, so it matches that of the oil. This allows the oil to be forced to the surface efficiently.		
Advantages of Hydra-Cell pump on this application	Hydra-Cell was chosen for this application for the following reasons: • Very low shear pumping action • Virtually pulseless • No dynamic seals or packing • Can run dry indefinitely without damage.		

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