

Water Injection for Gas Gathering

To efficiently gather the gas and/or oil in a well, following primary and secondary activities it is necessary to employ enhanced recovery techniques. The preferred method is to inject produced water at high pressures to stimulate flow. IGas Energy plc has selected Cat Pumps UK Ltd. to provide engineered pump/motor skid packages due to their high reliability and robust qualities. The skid packages are ATEX rated and in some instances suitable for Sour Service (H2S).

With our vast product capabilities, Cat Pumps is the pump of choice for Enhanced Gas Recover (EGR) and Enhanced Oil Recovery (EOR) applications. We offer the following pump manifold options:

- Brass
- Nickel Aluminum Bronze
- 316 stainless steel
- Duplex stainless steel

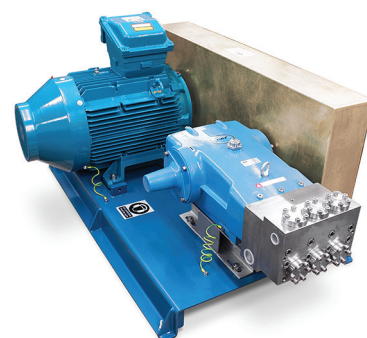
Cat Pumps can custom engineer the pump skid package to meet specific application and installation requirements and can be configured to include all the required safety and pressure regulation valves to assure optimum performance and safety. We can also fit additional components including pulsation dampeners, pressure gauges, tanks and motor control systems. No matter what EOR/EGR method is chosen Cat Pumps has provided field-proven dependability in applications around the world, providing the best value for enhanced oil recovery (EOR/ EGR) water injection systems.



Application Specifications

Water Injection

Cat Pumps Model(s):	3 Frame to 68 Frame
Pressure Range:	69 – 689 bar
Flow Range:	49 – 378 lpm
Fluid:	Water
Temperature:	Up to 93°C
Drive:	Many belt-drive and direct-drive configurations available



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