

SALTWATER INJECTION

Info BITS



Hydra-Cell® Provides Greater Reliability for Continuous Duty

Injecting produced saltwater (waterflooding) into a reservoir can increase pressure and thereby stimulate oil well production. Unlike saltwater disposal (SWD) applications where the pump runs intermittently, in saltwater injection the pump usually runs continuously, 24/7.

A centrifugal pump situated some distance away could not handle the high suction pressures due to a reducer before the pump that caused poor suction conditions.

A Hydra-Cell T100K (medium pressure model) replaced the centrifugal pump and has been in continuous service for more than five years. It can handle suction pressure up to 500 psi (34 bar) and has required only minimal preventive maintenance.

Oil and diaphragms have been changed annually and the valves and seats have been changed once. There have been no breakdowns and the user is so pleased with performance of the Hydra-Cell T100K that the company is purchasing two more pumps.



Pump Model: T100KADGHFEPA

Flow: 25 gpm (95 l/min)

Discharge Pressure: 2000 psi (138 bar)

Application: Injecting saltwater into a reservoir to stimulate oil well production

**Handles
High
Suction
Pressure!**

Hydra-Cell®
Seal-less Pumps

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