Steam Injection PCP for Heavy Oil Recovery

- Savings in cost and time turn production of heavy oil into a commercial reality.
- New technology allows use of the same components of the sucker-rod pumping system for both, pumping and injecting.
- The system requires the drilling of only one well for production and injection.
- Improved high-temperature elastomer allows stator to remain in well during steam injection.
- The injected steam builds up a steam chamber that rises to the top of the reservoir.
- Steam is injected into the reservoir through hollow sucker-rods and a hollow rotor.
- The system allows the drilling of only one well for production and injection.
- KAECHELE Even Wall® PC Pump systems allow handling of slow flowing heavy oil containing sand at temperatures up to 572°F (300°C).
- Further applications: Chemical and fluid injection.

NEW

TWO IN ONE

Steam

Drained Oil

Wellhead

Drive

Casing

Production Tubing

Steam

Oil

Hollow Sucker Rod

Even Wall® Stator

Hollow Rotor

Drained Oil

Steam