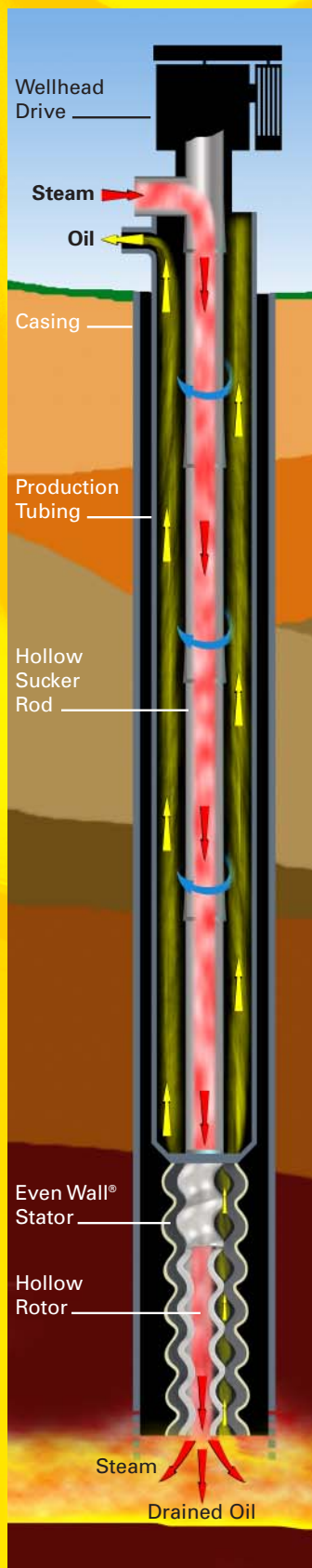




PCP for HEAVY OIL RECOVERY STEAM INJECTION



- 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.
- Steam is injected into the reservoir through hollow sucker-rods and a hollow rotor.
- The injected steam builds up a steam chamber that rises to the top of the reservoir.
- Improved high-temperature elastomer allows stator to remain in well during steam injection.
- While steam injection heats up the oil and improves the flow characteristic, hot oil drains into the production well.
- KAECHLE 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.

KAECHLE
V I B R A S T O P

