

**PRODUCT LINE**Surface Wellhead | Thermal  
Wellhead**PRODUCT**

Cyclic Steam



**Great North's Cyclic Steam Stimulation (CSS)** or "Huff-and-Puff" runs in cycles of steam injection, soak and oil production. Steam is injected into a well at 300-340 C (572-644F) for weeks, sometimes up to months. The well then sits for a period of time to allow the heat to be soaked into the formation. Then, the hot oil is pumped out of the well. Once the production rate falls, the well is run-through another cycle of steam, soak and production.

**Features**

- Engineered to order designs
- Cost saving solutions driven from our experience
- On-time delivery, leveraging our in-house machine shop when required
- Safety stock and semi-finished components
- Interchangeability of equipment to support existing fields

