Production Technology Service Introduction
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Oil Production technology is an essential part of Oilfield development. Anton can provide customers with Artificial lift, Heavy oil extraction, Oil field water treatment & water injection, EOR kind of services and equipped products, as well as production integrated service. Anton has rich experience and unique technology in deep Well, ultra-deep Well, highly deviated Well and horizontal Well lifting and heavy oil extraction and oilfield water treatment
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Scope of services

Artificial Lift Service

- Integrated Artificial Lift Service
- Pumping Unit Lift Design
- ESP/ESPPU Lift Design
- PCP Lift Design
- Jet Pump Lift Design
- Gas Lift Design
- Lifting technology of deep well and super deep well
- Trouble shooting & maintenance service
Scope of services

Water Drainage and Gas Production Technical Service

- Water Drainage and Gas Production by Optimum Pipe String
- Water Drainage and Gas Production by Foam
- Negative pressure gas extraction technology
- High pressure gas lift drainage gas recovery technology
- Water Drainage and Gas Production by ESP
- Capillary drainage gas recovery technology
- Plunger gas lift drainage gas recovery technology
- Composite process drainage gas recovery technology
Scope of services

Enhanced Oil Recovery

- Gas Injection Flooding Technology
- Thermal Recovery Technology
- Chemical Flooding Technology
- Polymer Flooding Technology
- Bio-enzyme oil production technology
- Microbial EOR Technology
Scope of services

- Desulfurization and decarburization technology
- Oilfield produced water treatment technology
- Oil field sludge treatment technology
- Oilfield cleaning operation technology
Scope of services

Plugging-removal technology

- Ultrasonic plugging technology
- Biological enzyme plugging technology
- Neutral plugging removal technology
- Composite plugging removal technology
- Continuous hydraulic negative pressure pulse plugging technology
- Hydraulic jet ultra-deep penetration perforation technology

Scale sample  Before Test  After Test
Scope of services

Profile control and water control technology

- Intelligent water control technology for Oil Wells
- Technology of locating and plugging water in horizontal Wells
- Nanometer material casing sealing technology for thermal recovery well
- Technology of compound plugging agent
- Deep profile control technology of Nano-spheres
- Associating polymer profile control technology
Scope of services

Special Oil Production Technology

- Technology of skin effect electric heating system
- Unattended station construction technical service
- High-pressure composite pipeline gathering and transportation technology
- Aerogel composite anticorrosive heat insulation technology
- Non-indentation hydraulic clamp technology
Scope of services

◆ Electrical Submersible Pump

Anton oil ESP technical service team provides integrated services: Technical Program Design, Equipment Rental, Operation & Maintenance and Troubleshooting.
Scope of services

◆ Electrical Submersible Plunger Pump Unit
Scope of services

Electric heating technology

- Connecting flange
- Suspension flange
- Control cabinet
- Cable sealing device
- Tubing valve
- Total valve
- Casing valve
- Wellhead four
- Bottom flange

Downhole heating for vertical and horizontal wells
Scope of services

Pipeline heating 管道加热

Tank heating

Wellhead heating
Scope of services

◆ Anti-corrosion and heat preservation technology for heavy oil ground system

It is a new kind of anticorrosive and thermal insulation material, its main composition is SiO$_2$, its key technology is modified silica aerogel from solid to liquid, keep the good performance of thermal conductivity.

81.5℃ before spraying

23.4℃ after spraying
Scope of services

- Chemical dispersion to reduce viscosity in gathering and transportation

Before Test

After Test

Microscope scan
Steam stimulation is one of the most important technologies to extract the heavy oil. Firstly, a certain amount of steam and chemicals are injected into the wells, and then the well will be shut in for a period of time waiting the heat to spread all over the reservoir, after that, the well will be reopened for production.
Scope of services

Chemical Treatment Technology for Oil & Water System

Crude oil and Water treatment products:

- Crude oil demulsifier
- Reverse demulsifier
- Scale inhibitor
- Bactericide
- Corrosion inhibitor
- Sulfur elimination
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Service capacity

◆ 8 globalized artificial lift service teams, 20 technical experts who have over 10 years experiences, 60 experienced field engineers.

◆ Provided services in Venezuela, Ecuador, Iraq, Albania, Pakistan, Chad, Columbia, Kazakhstan and etc.
THANKS!

Helping others succeed...