



PRODUCTION PROCESS ENHANCEMENT SERVICES




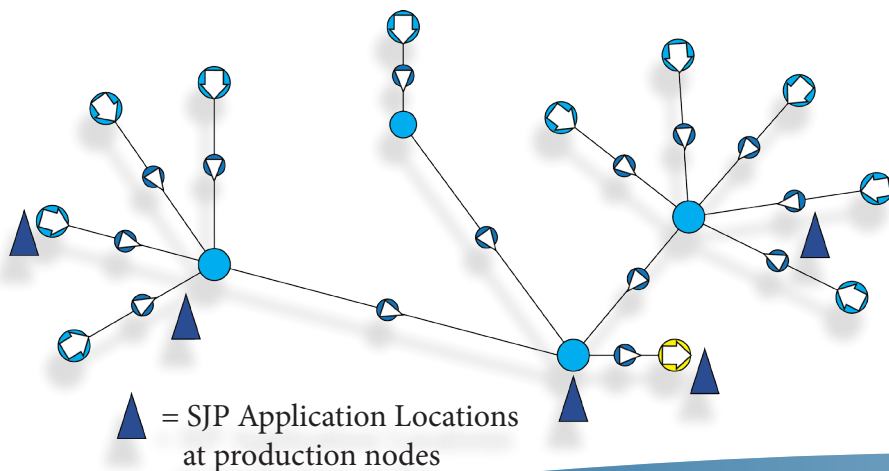
Caltec brings award winning solutions that enable oil and gas operators to harness the kinetic/potential energy of their production process to enhance production, extend economic field life and reduce environmental impact.

We take your oil and gas production challenges and make them our own, working with you at every stage of the project life cycle, to provide a cost effective solution.

 More than 40 years' experience in fluid dynamics and hydrocarbon production

 Proven track record with solutions deployed at over 100 sites worldwide.

 Unique specialised knowledge in the design and application of various flow enhancement technologies.



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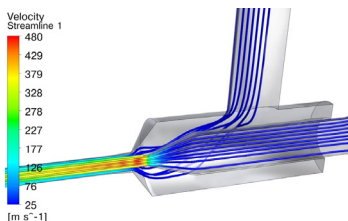


Solution Design

Caltec provide a comprehensive range of production process enhancement services. Our unique knowledge and experience is used at each stage of a project's lifecycle to optimise the solution, integrate with existing facilities, mitigate risk and maximise value.

Key services and Available Software:

- Application and Concept Identification
- Site Survey
- Feasibility Studies & Well Analysis (Petex IPM® Suite)
- Pre-FEED, FEED, Detailed Design and Deployment Project Management
- P&ID, Operating Philosophy and Piping Layout Review
- Bespoke specialist software for Surface Jet Pump & Compact Separation Solutions
- HAZOP
- CFD (ANSYS CFX® & Fluent®)
- FEA (ANSYS DesignSpace®)
- Process Simulation (Aspen HYSYS®)
- 3D modelling (AutoDesk Inventor®)
- Technology Training Courses
- Improving Process in Brownfields
- R&D Facilities
- Innovative thinking



To request a copy of 'Surface Jet Pumps (SJPs) for Enhanced Oil and Gas Production - Engineer's Handbook' please visit our website.



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For more information on our full product range and consultancy services please visit our website.

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