

HIGH LEVEL CONSULTANCY SOLUTIONS

Project Economics
Integrated Production Modelling and Forecasting
Intelligent Production Monitoring and Production Optimisation
Integrated Field Studies (Pre-development and Post-development)
Data Rooms
Basis of designs

PROJECTS

Reservoir Engineering

Oil Production & Gas Deliverability Forecasting
Data Rooms and Economic Analysis
Probabilistic Analysis of Reserves & Resources
Reservoir Simulation (full field black oil & compositional simulation)
Well Test Analysis

Drilling & Completions

Well Test Design and Supervision
Well Completion Design & Analysis
Tubing Stress Analysis

Production Technology

Integrated Production Modelling & Support
Production Optimisation
Artificial Lift Systems – Design & Analysis
Well Completion Design & Analysis
Lower Completion Selection & Perforation System Selection
Water Injection
Flow Assurance Studies & Production De-bottlenecking
Fracture Design
Sand Control Design & Analysis

SOFTWARE SKILLS

PETEX IPM suite
PETEX OpenServer
Petrel, Petrel RE, Frontsim, Eclipse E100 and E300
Wellcat
KAPPA Saphir, Emeraude

SAPELLA APPS

TRINN - Transient Hydraulic & Temperature Well Simulators
PMT - Production Monitoring Tools
ILUM:

- IOR Screening
- Artificial Lift Design
- Production Technical Limits

Tataouine - Sanding Potential Evaluation
Bakura - Morning Reporting Tool
Simple well test analysis software
WSM

- WIMS Well Integrity tool
- daily reporting



COMPANY PROFILE

BACKGROUND

Sapella is an independent petroleum consulting company focused on providing engineering and technical services to the global upstream oil and gas industry. Our services and software are utilized by our clients during planning, development, commissioning and operational phases of their oil and gas projects. Our clientele includes majors, super-majors, national oil companies, independents, and international service and equipment companies where we provide niche skills to allow detailed equipment design.

With offices in both Europe and South East Asia, the company is managed by an experienced and reputable workforce. Sapella has developed innovative solutions for the E&P business by leveraging our core engineering skills with economic analysis. We assist our clients to achieve world class performance from their assets by providing expertise, novel methods, and tools to realize the maximum potential.

Sapella has conducted numerous reservoir and petroleum engineering courses to develop IAM Modelling skills. Due to the niche skill sets available in our company, particularly in integrated asset modelling, the company has developed unique tools that improve the functionality of the Petex suite. This combination increases our client's efficiency as well as flattening the learning curve.

We have also developed numerous tool kits and models, covering subsurface to surface facilities, to assist in detailed evaluation and modelling of any production system

WHAT IS UNIQUE?

- Fully independent
- We provide simulators that increase the certainty in decision making
- Extensive experience (500+ projects, 100s man years)

TRAINING

As part of our commitment to the industry, we offer training programs. This service is extremely popular with larger organisations that have taken on new graduates but do not always have the facilities to accommodate in depth training, induction and mentoring. Our training centre offers professional development & tailored solution based training (which can be focused on the client's current project emphasis with regard to their junior graduates). The forum in which training is conducted is personalised small classes, facilitating the opportunity to network and learn from senior industry professionals, thus expediting the development and integration of knowledge of newcomers to the industry. We are currently successfully working with several majors in the training and mentoring of new graduates.

OWNERSHIP AND INDEPENDENCE

We are a fully independent company, owned by the management.

- The views and opinions we promote are exclusively based on our own analysis and judgments.
- Independence is not just a statement about our ownership. It translates into independence of thought and of action.
- It allows us to put our people first and invest in that future: we invest a substantial proportion of our profits in growing the skills and abilities of our people.
- We can offer impartial advice, independent of shareholder interests or market pressures.
- It gives us freedom to choose our projects and partners.

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