



GEOTOURISM
Traversing the Southern
Sierra Nevada

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COUNTRY PROFILE

Manx Gas for the Isle of Man

GEOCHEMISTRY

The Origin of
Shale Gases

GEOPROFILE

Solving the
Alaska Puzzle

GIANT FIELDS

Advances in
Stratigraphic Trap
Exploration



APPEX 2020 – Reboot: Opportunity Showcase

APPEX Global 2020 will bring together upstream decision-makers and exploration opportunities, ideas and event-makers. It will be an opportunity to meet fellow professionals, investors, senior managers and government representatives to find common interests and become partners for success in the future, whilst glean the latest on licence rounds, policies and commercial terms from senior representatives of key countries. Farm-outs are back in force, with an emphasis on quality, significance and creative new ideas and insights.

The APPEX programme will showcase opportunities in the pipeline today; who is farming-out what globally; why featured deals are important; where the most recent discoveries have

been made and what their consequences will be. The speaker programme covers licence rounds, open acreage, the evolution of the world's E&P market, and key strategic market trends. Companies will add succinct presentations detailing new orogenies in data and tech that have already been tested. The three high-energy days cover key innovations in activity, play-making, opportunity access and commercial terms from West and East Africa, Latin America, Europe, Mediterranean, Caribbean and Asia-Pacific.

If you plan to attend only one conference with global access opportunities that will revolutionise your forward strategy and tactics, make it APPEX Global in **London 3–5 March 2020**. ■

High-Res Characterisation of Unconventional Reservoirs

Unconventional activities constantly require **new technological** approaches and quick answers to optimise well placement, completion strategies and address future drilling campaigns. Unconventional reservoirs show a high level of heterogeneity and complexity, entailing high resolution tools.

Integration of fluid characterisation with organic facies and rock facies distribution can provide key information for the most efficient exploitation of assets, adopting the best completion solutions. For this, **GEOLOG** has developed an innovative workflow, integrating wellsite activity with laboratory work to define a comprehensive picture of reservoir properties. Laboratory studies can define a detailed distribution of organic



matter (OM) facies, based on OM characterisation and analyses of autochthonous and migrated hydrocarbons. The further step is to combine organic facies distribution with that of rock facies, obtained through rock characterisation using XRD, XRF and SEM analyses and interpreted in the frame of chemostratigraphic criteria.

The final result of this exercise is a deep integrated knowledge of reservoir features that can be used for **better, faster interpretation** of data obtained while drilling, to take timely decisions, especially for completions. The investment in lab analyses is largely remunerated by greatly added value while drilling and by the optimisation of operations and of future production. ■

Defining the Industry's Future

As one of the biggest events in the energy sector, the **Energy Institute's International Petroleum (IP) Week**, brings



together over 1,500 industry professionals from over 50 countries, making this internationally renowned event the place to hear the latest news and updates, debate key issues, share new ideas and network to form partnerships with oil and gas operators, clients and investors.

IP Week 2020 will be held **25–27 February 2020** in **London** and the conference theme will be **'Defining the Industry's Role, Delivering a Low Carbon Future'**. Discussions will explore how the oil and gas industry can be a key player in delivering a low carbon future and look at which organisations, technologies and operations are helping to shape the plan for a cleaner future.

Confirmed speakers include H.E. Mohammad Sanusi Barkindo, Secretary General, OPEC; Dr Fatih Birol, Executive Director, International Energy Agency; Craig Bennett, Chief Executive, Friends of the Earth and Yu Jiao, Vice President, Economic and Development Research Institute, SINOPEC, among many others.

Head to the IP Week website for further information. **GEO ExPro readers get 20% off the registration fee**: please use discount code **GEXIP20** when booking. ■