

OPTIMIZE

REVIEW

ANALYSIS

INTEGRITY

REDUCED RISK

INDEPENDENT ASSURANCE



SGS IS PLEASED TO INVITE YOU TO A TECHNOLOGY DAY

GET MORE OUT OF YOUR WELLS

NOVEL TECHNOLOGIES AND TOOLS FOR THE ASSESSMENT OF WELL INTEGRITY

DATE

7th of November 2019

TIME

09:30 to 16:00 hours

LOCATION

SGS Subsurface Consultancy,
Stationsplein 6, (5th floor)
2275 AZ Voorburg

Attendance is free of charge
and lunch will be provided.

AUDIENCE

The workshop is particularly suitable for Asset Managers, Production Engineers, Reservoir Engineers, Geoscientists, Production Technologists, Well & Facilities Engineers, but also staff from other disciplines are more than welcome.

REGISTRATION

Please register your attendance by sending an email to nl.subsurface.office@sgs.com. Minimum attendance of 10 participants and maximum attendance of 30 participants. If maximum attendance is exceeded, priority will be given as per order of registration, and a waiting list will be maintained.

WORKSHOP PRESENTERS

MIKE GUNNINGHAM – Chief Production Technologist

ANDREAS HOFMANN – Principal Geologist

WILLEM VAN STRIEN – Principal Consultant Integrated Services

MATT SNAPE – Principal Consultant Facility Integrity and Oil Microbiology

BEN CHALLENGER – Manager Upstream Integrated Field Services

The SGS logo consists of the letters 'SGS' in a bold, sans-serif font. A vertical line is positioned to the right of the letters, and a horizontal line is positioned below the letters, forming an L-shape that frames the logo.



OUTLINE OF TOPICS

ANALYSIS OF ROCK MECHANICAL PROPERTIES FROM DRILL CUTTINGS

- Introduction of the ARPIN “Automatized Rock Properties by INdentation” workflow
- Integration of ARPIN mineralogical and nanoindentation measurements into predictive mechanical earth models to support and optimize well stimulation, assessing reservoir rock and seal integrity and the evaluation of borehole stability

SAND MANAGEMENT

SGS case studies and technologies for sand management

- SGS tools (Sandbox, Samplers, Imaging Systems, LPSA)
- QEMSCAN: Sand/Solids Analysis & Characterisation
- SGS skills (integrated sand management consultancy)
- Sand Management Case Studies
 - Sand Conditioning of Gas Wells (Onshore Europe NAM)
 - Sand Failure Prediction (Offshore Far East short version of Sakhalin Lunskeye SPE Distinguished Lecture presentation)
 - Safe Sand Production to Surface (Offshore Middle East and North Sea Maersk Oil)

CORROSION FORENSICS GETTING THE BUGS OUT OF YOUR SYSTEM

Microbes flourish in a wide range of environments and are also present in oil reservoirs, wells and topside facilities. They constitute a massive threat to production by causing corrosion, generating toxic H₂S, degrading the hydrocarbon products or clogging pores, pipelines and filters. New developments in Molecular Microbiological Methods (MMM) applied for corrosion forensic will be presented using case studies

- NGS (Next Generation Sequencing) microbial DNA analysis to identify all species present in the entire production process to allow accurate microbial monitoring of reservoirs, wells and top side facilities
- Analysing the chemistry and mineralogy of the scale fragments to understand and inhibit the corrosion process
- Mitigation and Scavenging Technologies

WELL INTEGRITY ASSESSMENT

Scanwell technologies and case studies for well integrity evaluation and production optimization

- Non invasive well integrity logging of
 - Real time gas compositional analysis
 - Acoustic measurements for leak detection
 - Quantification of liquid and gas leak rates
 - Determination of leak depths by tracer method
 - BHP measurements via acoustics
 - Gas lift diagnosis & optimization

WE LOOK FORWARD TO SEEING YOU ON THE 7TH OF NOVEMBER!

WHEN YOU NEED TO BE SURE

