Section 1: Introduction and Opportunity of Well Intervention

Identify the Key Intervention Challenges and Bottlenecks to Mitigate Project Risk

- Access the standards Dragon Oil use to manage technological risks and review their control plans which help manage well work campaigns
- Understand how to effectively balance technical and human factor risk to increase the likelihood of project success
- Access an exclusive case study outlining the new technologies that have emerged from Dragon Oil’s recent innovative projects

Amir Alwazzan, Corporate Planning & Risk Coordinator, Dragon Oil

ZADCO’s Experience of Aging Well Stock Management

- Access the process ZADCO use to evaluate aging assets, paying particular attention to well integrity assessment
- Review ZADCO’s approach to wells that are identified as slot recovery candidates and how to effectively rank and prioritize
- Hear an overview of ZADCO’s slot recovery operations to date and how the operator decides on the optimum techniques to ensure project success

Rakesh Panchal, Offshore Drilling Engineer, Zakum Development Company (ZADCO)

Section 2: Technical Challenges

Keynote Case Study: Delivering New Technology for the Well Intervention Market

- Appreciate how Saudi Aramco identified the limitations of existing lateral well technologies and sought out the development of new products to suit their technical requirements
- See how Saudi Aramco and Welltec jointly developed new tooling to ensure the visibility and quality of targeted lateral well work
- Benefit from case studies of how the tool has been used by Saudi Aramco to increase the technical success rate

Abubaker Saeed, Petroleum Engineer - Production Technology Team, Saudi Aramco
Khalid Al-Sadoon, Director - Middle East, Welltec

Examine Regional Integrity Challenges

- Note the criticality of robust conductor, casing and cement integrity evaluation across aging Middle East well stock
- See how a proactive integrity strategy can identify unknown risks, including the real loading capacity each well can realistically withstand
- Understand how new logging tools are able to efficiently identify the corrosion status of tubulars and pinpoint tubular leaks to provide accurate data for workover

Simon Sparke, Well Integrity Technical Domain Champion, TGT Oil

Necessary Technology Applications for Efficient Well Interventions

- Review the standard technologies used in well interventions across the Middle East today, noting the limitations and success rates of each
- Hear Nordic’s approach to technical and non-technical risk, highlighting the necessary process changes developed to increase efficiency
- Hear Nordic’s new technology and processes that have emerged from innovative well intervention operations across the Middle East

Sonny Sola, CEO, Nordic Energy
Section 3: Complex Well Work

Case Study: Total ABK’s Approach to Well Integrity
- Assess how Total approach integrity assurance for aged assets in the Abu Al Bukhoosh field, including the challenges when engaging with older tree architecture and obsolete technologies
- How to assess the status of the wells and their components in the Abu Al Bukhoosh field
- The implemented mitigations used to breathe new life into the ABK Oil Field as it operated through its mature phase

Drilling and Wells Manager, Total ABK

Case Study: Wellbore Enlargement for Slot Recovery Operations
- Examine the hole enlargement capabilities in relation to slot recovery operations to understand which approach is the best fit for your program
- Explore the current rig-free well intervention and abandonment systems which can be used across complex completions in the Middle East
- Identify the elements of well intervention project planning and application engineering that are critical to cost efficient project execution

Hesham Helmy, Regional Technical Manager Intervention Services & Drilling Tools, Weatherford

P&A or Life Extension? Best Practice Approaches for Aging Assets in the Middle East
- Effectively plan your approach to working over aging well stock, with a critical focus on well integrity evaluation
- Inspect the available technology options for tubular running services in the Middle East, including rigless cut & pull of tubing for P&A operations
- Hear results from successful conductor and slot recovery operations, noting the common challenges encountered during these projects

Bart Joppe, Head of Global Well P&A, Baker Hughes
Imran Shah, Well Engineering Advisor, Baker Hughes

Section 4: Middle East Case Studies

Case Study: Offshore Well Conductor Structural Integrity Issues and Remedial Strategy
- Examine why a strategic approach to well integrity, offshore well conductor structural integrity assurance verification and repair, has increased asset life extension in the Umm Shaif and Zakum fields
- Hear how an integrity task force was established to tackle the corrosion inspection across a 700 well portfolio, noting how candidates for work over were then selected
- Understand how a proactive approach to well integrity has made ADMA-OPCO a leader in the discipline, effectively choosing the appropriate repair methods and techniques at minimal risk

Sudhesh Govindavilas, Integrity Specialized Services Section Leader - Integrity Division, Abu Dhabi Marine Operating Company (ADMA-OPCO)

Case Study: Corrosion Evaluation in Multiple Casing Strings
- Hear how ZADCO designed a three phase approach to corrosion evaluation in multiple casing strings by an experimental approach to validate the technology and determine its best applications
- See how live well testing was used for six different tools that were ran for the first time in multiple completion scenarios including single-string, dual-string and no-tubing well to compare ‘before and after’ results
- Examine the results experimental mock-up yard tests for dual tubing and two casing strings followed by no tubing and two casing strings, to understand what technology was shortlisted and how successful technology was assessed

Adriana Alvarez, Subsurface Engineer - Well Integrity Department, Zakum Development Company (ZADCO)
Case Study: Well Intervention and Polymer Injection

- Examine how AGIBA planned to extract greater increments from their well stock by improving sweep efficiency and the mobility ratio of the existing reserves
- Hear why polymer injection was selected as the chosen technology to enhance recovery and how the planning phases of the project were developed
- Review how the fluid, injection process and effect on the reservoir resulted in increased recovery rates

Fathy Hammad, Assistant General Manager – Aghar Field, AGIBA Petroleum Company

Section 5: Global Best Practice and Transferable Experience

Drawing on Global Experience to Drive Well Intervention Efficiency in the Middle East

- Identify the challenges facing the Middle East well intervention market and analyse how other regions including the North Sea and Mainland Europe have overcome said challenges
- Review how WSG have taken global experience and plan to extract the core benefits which can dramatically increase efficiency in the Middle East
- Note how expertise and human factors play an equal role to new technology when it comes to driving efficiencies across well programmes

Dhafir Albadraoui, Engineering Manager – Saudi Arabia, Well Services Group

Well Testing in Extreme Environments

- Well testing is a high risk activity by itself however the activity goes to extreme high risk when testing wells with high H2S and CO2 concentration
- It requires special HSE considerations to protect the personnel at site as well as surrounding of 5km periphery
- Al Mansoori have been testing over 50 wells of this nature, we would like to share our experience in conducting these high risk operations

Ehab Al Mantawi, Engineering Manager, Al Mansoori

Well Intervention Training

- Access the specific intervention training requirements that are proven to aid intervention efficiency in other regions, including the North Sea and Gulf of Mexico
- See how re-entry, coiled tubing and wireline simulators have been developed into a complete well intervention system that can increase your staff’s expertise
- Test your team’s performance of light and heavy well intervention procedures against global benchmarks to see where efficiencies can be made

Benoit Barbier, SVP – Middle East and Asia, Drilling Systems

The Challenges and Lessons Learned of Aligning Software Systems with Operational Well Integrity Requirements

- How software systems can be used to provide a holistic overview of well integrity related operations
- A review of differing legislations in terms of well integrity and how to achieve compliance
- Challenges of communicating risk at a corporate level and future of proactively managing risk management

Simon Copping, EGIS Global Manager, Expro

Addressing Cost and Efficiency Through New Technology

- See how Schlumberger have developed an integrated platform of live monitoring services, which are collectively used to drive well intervention efficiency
- Examine how digital slickline enables the live monitoring of down hole events to aid cost efficiencies in production enhancement, well restoration and cement evaluation
- Analyze how this technology has become an enabler for a change in intervention methodology, allowing cost and efficiency issues to be addressed in the current market

Neil Sookram, Production and Well Integrity Domain Champion, Schlumberger