



► GORDON DUNCAN

111/8, Moo 9, Phoenix Golf Club, Huay Yai
Banglamung, Chonburi 20150 Thailand

Phone: +668 171 54736

E-mail: gordonduncan5@gmail.com | gordon@asiaedge.net

Website: www.petroedgeasia.net/GordonDuncan

Who Am I?

I have 39 years of Oilfield experience and an all-rounder specializing in Technical and Commercial Drilling, Completions & Well Services professional with various IOC's & service companies, just to name a few, included **Shell EP International, Santos, Petro-Canada, Petroleum Development Oman** (PDO) and **BP**.

Since 2008 to-date, I have taken on several training instructor assignments over various countries including Malaysia, Spain, Thailand, Brazil, the UAE, Indonesia, USA as well as Australia & New Zealand. To date I have delivered over 160 courses to over 3000 participants I have previously delivered training via DTA (Drilling Training Alliance) in **Completions Fundamentals to BP Well Site Leaders of the Future** as well as in the **Chevron "Horizon Programme"**. This programme spans over 16 courses delivered in Houston, Baku, Indonesia, Thailand and the United Kingdom.

For petroEDGE training courses I am directly involved in designing & delivering :-

- ◆ Completion: Equipment, Applications, Types and Installation
- ◆ Coil Tubing and Wireline Applications and Interventions
- ◆ Deepwater Completion Operations
- ◆ Completions and Workovers
- ◆ Completion Design
- ◆ Sand Control Operations
- ◆ Well Engineering Foundation Programme (similar to Shell Rd 1)
- ◆ Well Engineering Enhanced Programme (similar to Shell Rd 2)
- ◆ Well Integrity Management
- ◆ Advanced Well Integrity Management
- ◆ Introduction to Exploration & Production
- ◆ Petroleum Engineering for Non PE's

Experience

Technical Director
petroEDGE (A division of Asia Edge Pte Ltd)

Part time from March 2008, Full time from January 2014 onwards
Singapore

Responsibilities include: -

- ◆ Delivering both public & in-house custom designed bespoke training courses
 - Participants of training course include new hires as well as experienced personnel from major Oil & Gas operators and service companies as well as a number of Government Legislators
- ◆ Sourcing & Recruiting of Technical Trainers
- ◆ Preparation, Review & Authoring bespoke technical training manuals
- ◆ Provision of Gap Analysis and Peer reviews on well Integrity Management Systems for a number of IOC's and NOC's
- ◆ Provision of consulting services for contracted projects, includes but not limited to: -
 - Technical, Mechanical & Operational solutions on Well Integrity Management
 - Well Operations support
 - Well Engineering Services from Project Conception to Completion

- Well Operations Support (Plan, Supervise and close out Well Operations)
- Remote Location feasibility studies and planning
- Estimates of Well Project / Time / Costs
- Well Engineering Studies and Risk Assessment
- Long lead item planning and procurement

Field Supervisor Completions & Well Intervention
SHELL Iraq

January 2011 – December 2013
Iraq

Responsibilities include: -

- ◆ Deliverance of safe and efficient operations leading a team of relatively inexperienced engineers
- ◆ Supervising all Completions and Well Intervention activities in the Majnoon Field expecting 1800 new wells to be drilled over the next 15 years
- ◆ Overseeing major intervention over existing wells to improve Shell's Well Integrity standards against the International Well Integrity Standards
- ◆ Solely responsible for the Completions Operations from design to installation, perforating, stimulation and well testing prior to handing over the project to Operations
- ◆ Providing solutions for the workover of older wells drilled and abandoned during the Iran/Iraq war without any information available

Completions Operations Superintendent
SANTOS Australia

November 2009 – December 2010
Australia

Responsibilities include: -

- ◆ Providing overall field supervision on 4 Workover Rigs; 2 Frac Spreads; 2 CTU and other Rigless Operations
- ◆ Assisting the RO's / Engineers based in the office
- ◆ Reviewing Programs
- ◆ Consulting with and providing engineers with general advice and assistance
- ◆ Assisting with equipment standards and operating procedures
- ◆ HSE assistance including investigation and review of incidents
- ◆ Implementing standard processes in the office and the fields (i.e. Standardizing reporting on IDS)
- ◆ Assisting engineers with options and implementation of solution for Equipment failure situation
- ◆ Preparation and Standardization of all Completions, Interventions and Workover procedures, Well Integrity Management and Barrier policies
- ◆ Consulting for tender of new workover rigs and application of new technology with regards to CSG Completions

Field Superintendent / Completions Superintendent / Senior Completions Engineer
Petro Canada Syria

March 2008 – October 2009
Syria

All positions were held within the DCI (Drilling, Completions & Interventions) Team; both office- and field-based on the Ash Shaer Gas Development

Responsibilities include: -

- ◆ Full responsibilities in performing side-tracks, re-entries, perforating, acid stimulation, testing and completion activities
- ◆ Provided technical support and relief Drilling Supervisor on drilling rigs as well as coordinating Completions & Intervention activities on the Drilling Rigs and all rigless interventions

Rig Site Representative
SANTOS Australia

November 2007 – March 2008
Australia

Responsibilities include: -

- ◆ Providing onsite coordination and supervision of well service operations based on sound oilfield practice and engineering principles, safety and environmental policy
 - Operations included: Workover, Coiled Tubing, Stimulation, Wireline and Completion Operations, Drilling and other assigned activities

Senior Well Engineer

SHELL EP International

March 2001 – October 2007

Dubai

Responsibilities include: -

- ◆ Completion Design for Phases 13 & 14
- ◆ Preparation of the MDP for the PLNG project in South Pars in Iran
- ◆ Using of the MDP as a resource basis for peer reviews on Completion Design, concurrent Operations and Well Service Applications for selected projects under Shell Qatar, Shell Abu Dhabi, Shell Libya and Shell Saudi Arabia

Prior to the PLNG Project

- ◆ Supervision and coordination of all Completions and Well Services activities for Shell Iran on the Sorrosh & Nowrooz development including the first offshore Hydraulic Workovers in Iran and installation of Completions Underbalanced
 - ◆ Setup and commissioned the completions workshop in Iran onshore base
 - ◆ Mentored local engineers and personnels
-

Contracts Engineer

Petroleum Development Oman (PDO)

June 2000 – February 2001

Oman

Responsibilities include: -

- ◆ Worked in a team to perform a tender for an integrated Supply and Services contract for Contract Equipment and Services for PDO
 - Tender was valued at USD100 million, included warehousing, stocking, transport and financing
-

BDM & Operations Manager

MB Petroleum Oman

January 1997 – June 2000

Oman

Responsibilities include: -

- ◆ Establishing and developing business (Drilling and all aspects of Well Services) in the Middle East on behalf of MB Petroleum Oman and the principle companies MB Petroleum Oman represented
 - ◆ Preparation and Implementation of Operating Procedures and alignment of training programs to form an integral part of the Management System Process
 - This is achieved through working in close integration with the Well Services Department (Well Pulling Hoists), Wireline, Well Test and Coil Tubing departments
-

Alliance Manager, Wireline & Completions

Camco UK

September 1987 – January 1997

United Kingdom

Responsibilities include: -

- ◆ Seconded to BP during May 1995 – January 1997 on the Forties Wells Alliance
- ◆ Preparation and implementation of top tier management system for the 11 service companies
 - Management System comprised of Quality, HSE and Competency requirements for all aspects of Well Servicing and support services

Prior to May 1995

- ◆ Commenced as Wireline Trainee progressing to Well Services / Completions Supervisor
 - ◆ Transferred onshore in 1992 to develop training programs and competency schemes for completions and slickline while acting as Operations Supervisor for subsea intervention activities
-

Technical Service Technician

Baker Oil Tools Aberdeen

April 1984 – August 1987

Aberdeen

Responsibilities include: -

- ◆ Preparation of Completion Assemblies from client instruction involving component identification, confirmation of and approval of torque parameters, use of Bowen Torque Machine, installation of flow control devices and Pressure testing of assemblies
 - ◆ Initial inspection of returned / used equipment to determine suitability for redress of various completion components
-

August 1979 – April 1984
Aberdeen

Oilfield Positions with Various Organization

Responsibilities include: -

- ◆ Mechanical Servicing of Well Service Equipment
- ◆ Relief Onshore work as Roustabout, painting, cleaning while attending college

Relevant Training & Development

- ◆ IWCF Supervisors Level : June 2001, June 2003, June 2005, June 2007, July 2009, July 2011, July 2013 (valid for 2 years)
- ◆ Offshore Survival & HUET May 2001, May 2005 (requires refreshing)
- ◆ WS 100 : Well Services Basics & Fundamentals, March 2007 (Part participant, part teacher)
- ◆ W300 : Managing Top Quartile Performance in Well Engineering (September 2012)
- ◆ W320 : Advanced Well Control (November 2012)
- ◆ D35 External Verification in conjunction with OPITO to act as Middle East Oil Industry Standards of Competence Verifier.
- ◆ EP-01 (Shell) Introduction to the E&P Business Model April 2002
- ◆ P293 (Shell) Incident Investigation May 2001
- ◆ P283 (Shell) HSE for Supervisors : June 2001
- ◆ V2FA (Shell) Managing HSE in Business
- ◆ Lloyds Register Quality Assurance (LRQA) 5 day Lead Assessor Course
- ◆ Aberdeen College IQA Diploma in Quality Assurance Management
- ◆ Oilfield Group Limited (IQA Approved) 2 Day Quality Assurance Auditing
- ◆ MSc Engineering Technology,
- ◆ NVQ Level V in Management. British Council, Muscat, Oman
- ◆ D35 External Verification BTEC/Edexcel for Oilfield Competence Assessment
- ◆ MIQA, Member of the Institute of Quality Assurance

In addition to the above listed, I had also attended various courses while working with Camco UK on Completion Design, Basic Gas Lift Design, Completion Product Selection, Safety Valves and Packers application.

Professional Information

- ◆ Global Technical Expert on Well Integrity,
 - Provided feedback to Committee Chairman for the new ISO standard for Well Integrity.
 - Member of IWCF Well Integrity Taskforce
- ◆ Active SPE member on Technology Workshops
- ◆ Co-Chairman IADC/SPE Asia Pacific Drilling Technology Conference 2006
- ◆ Committee member of MEALF (Middle East Artificial Lift Forum) 2001 -

Language & Proficiency Level

- ◆ English Fluent
- ◆ French Poor/Basic Understanding (Spoken and written)
- ◆ Spanish Poor/very basic understanding (Spoken only)
- ◆ Arabic/Farsi Very basic understanding (Spoken Only)
- ◆ Thai Basic understanding (Spoken Only)