



**A Stuart Wright Remote
Learning Opportunity:**

**Essentials of
'Well Integrity
Management Systems'**

- Understand International Standards
- Effective analysis & communication on WI issues within your organization
- Understanding Well Integrity across the lifecycle
- Ability to identify and quantify the risks
- Different techniques to mitigate risks
- Ability to define procedures, roles and responsibilities
- Understanding of WI Management Systems

Course Instructor: Colin Stuart, B. Eng, FIMechE

New Interactive

Remote Learning Course

- Live lecture delivery by Expert Instructor Colin Stuart
- Interactive delivery and small group class discussion on Well Integrity Challenges
- Continue with your learning development during this challenging time
- Attend training from your choice location in a safe and convenient way
- Enjoy cost savings with 25% off usual course fee and significant savings from travel and accommodation costs

Interactive Learning Methodology:

- 7 modules delivered over 90 minute sessions with short recess in between.
- Three modules per day, plus class discussion
- Easy to use, delivery platform with Video Conference system
- Questions can be asked at any time by voice or text during delivery
- Daily sessions will be recorded and distributed among attendees at the end of each day for independent self-review
- Q&A session at the start of each day for clarification opportunities and progress check in
- Dedicated individual Q&A session with Instructor during the course to listen to any concerns and answer questions in confidence
- Each session will be limited to 8-10 persons to allow instructor engagement and participant interaction with each other



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Contents

BLOCK I

Definitions, principles, techniques and processes of Well Integrity Management

Day 1

- Well Integrity Terminology: Well Integrity Definition, Standards and Regulations;
- Impacts: Understand Well Integrity management throughout Well Life Cycle;
- Relevant Standards: (Latest NORSOK D-010, ISO 16530-2, OGUK & API RP 90); Double Barrier Principles.

BLOCK II

Well Barriers and Well Integrity focus for Life Cycle Management

Day 2

- Definitions: Primary & Secondary Barrier Elements and Functions;
- Life cycle approach to Well Integrity: Design, Drilling, Production Operations, Suspension, to Abandonment (Planning);
- Demonstrate why Well Integrity focus at all stages of Life Cycle reduces risk to personnel and assets.
- Latest P&A technologies and challenges

BLOCK III

Key elements of a Well Integrity Management System and Implementation

Day 3

- WIMS –Purpose & Scope, Well Handover, Flow Assurance & Well Integrity;
- Well Operating Guidelines: Define operating envelope of a well, Understand the concept of MOASP, MAASP, LOASP;
- Well Integrity Risk Assessment;
- Wellhead Integrity Maintenance and Inspection



Who Should Attend?

- Well Integrity engineers
- Technical Assurance
- Asset Manager
- Petroleum Engineers
- Production Technologists
- Wellhead maintenance engineers
- Drilling and Well Servicing Personnel
- Well Engineers
- Completion and Well Service Engineers
- Site production supervisors and engineers