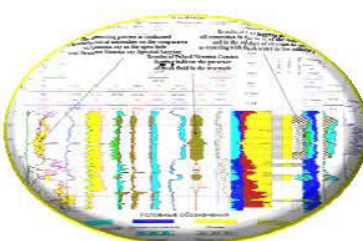
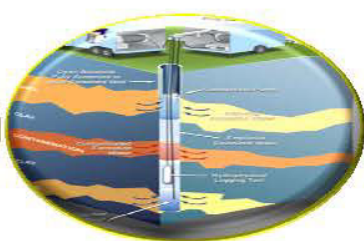


WELL DRILLING INSTITUTE

A set of industry-focussed and field-oriented training modules



TRAINING PROGRAMME:

“WELL LOGGING & INTERPRETATION”

(A 30-Credit Hours Extensive Training Programme)

COURSE CODE:

WDI-W.I-0011

DESIGNED FOR:

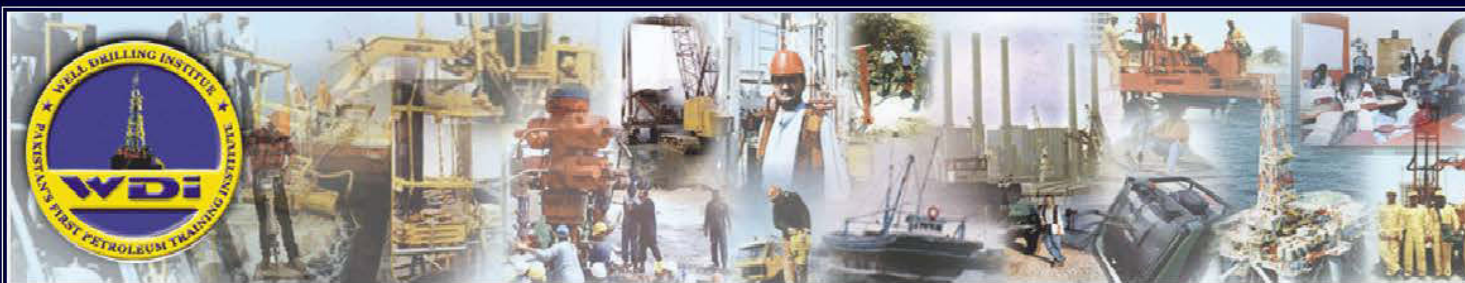
**YOUNG PETROLEUM ENGINEERS, GEOLOGISTS,
GEOPHYSICISTS & RESERVOIR ENGINEERS**

COURSE TO BE CONDUCTED AT:

WELL DRILLING INSTITUTE (WDI)

Suite # 101, 1st Floor, Arab Business Center,
Plot # 5, Bahadurabad Chowrangi, Karachi - Pakistan
Tel: 021-34925655, 34925654
Email: wdipetroleum@gmail.com
Facebook: [wdi.petroleum](https://www.facebook.com/wdi.petroleum) - Website: secura-group.com

In building good governance one can start at any point in the process — “top” or “bottom” — and produce positive results. Honest, dedicated leaders are essential, and much can be done to identify and cultivate the qualities of leadership in schools and training institutions.



Technical skill shared with educational competence...

WELL LOGGING & INTERPRETATION

WDI-W.I-0011

WHO SHOULD ATTEND?

This course is recommended for Young Petroleum Engineers, Reservoir Engineers, Geologists and Geophysicists who want to gain knowledge and to understand well logging operations and its basic interpretation techniques, as well as to know about well logging equipment.

COURSE OBJECTIVES

This programme is designed to familiarize the participants with the basics of borehole geophysics, theory of measurements and interpretation techniques.

Upon completion of the course participants will be able to;

- describe the well site operations for logging and pressure measurements,
- know the logging tool principles, limitations and applications,
- know the well log interpretation techniques.

PEDAGOGY

Including Presentations and Video Movies etc.

WDI is the Pakistan's 1st Petroleum Industry Training Institute, in Private sector where quality education is imparted according to the need and requirement of the E&P Industry.

WDI Short Certificate Programs (for Engineering Students, as well as for Corporate Levels) are a recommended grouping of courses within a subject area or discipline that support the development of specific knowledge and skills applicable to the workplace. Our training programs are designed, developed and updated by our highly Professional team of training experts with input of our overseas partner institutions, industry, and client/learner feedback.

Our training programs are designed for those who would like to increase their existing and working knowledge of all of the technical aspects of the Oil & Gas Industry. Those already in the industry or from ancillary Industries can increase and boost their technical understanding of the very dynamic energy business. Participants new to the industry can expect to be well prepared for many of the administrative and support-level technical positions that are in high demand today with Energy Companies.

WDI now offers a Short Certificate Program of 30-Credit Hours in "WELL LOGGING & INTERPRETATION" on regular (WEEK-DAYS & WEEK-ENDS) basis.

This course aims to provide the basics of borehole geophysics, theory of measurements, interpretations and the applications of different types of wire-line logs. Participants should also know how to calculate the petro-physical parameters required for formation evaluations (source and reservoir rocks).

COURSE CONTENT:

1. Introduction to Well Logging Operations
2. Electrical Logs/Radioactive Logs/Acoustic Logs/Thermal Logs/Imaging Logs
3. Quick Look Interpretation of Wire-line Logs
4. Gamma Ray Logs
5. Neutron Porosity Logs
6. Density Logs
7. Archie's Equation
8. Application of Well Logging in Different Fields
9. Mud Types and their Properties