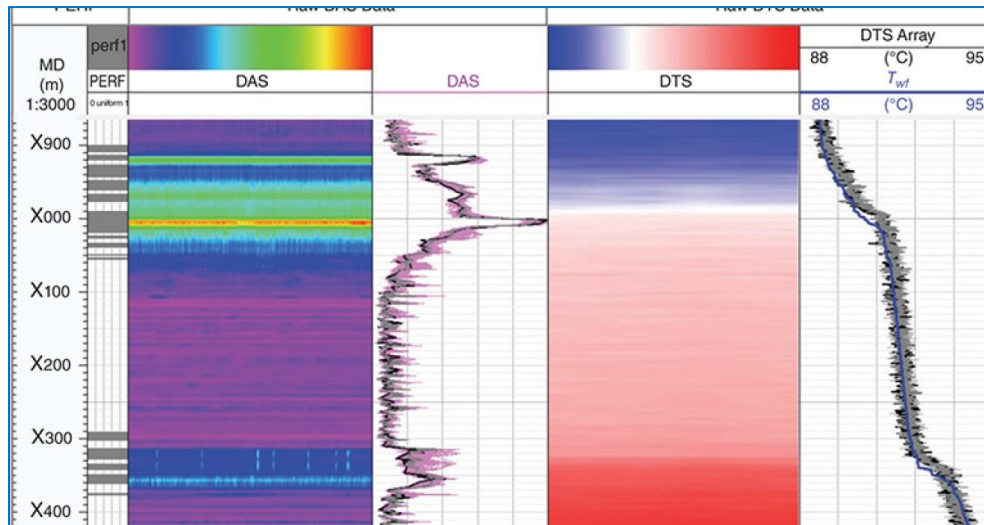




DE303-2D: Introduction to Fiber Optic Distributed Temperature, Acoustic, and Chemical Sensing (DTS, DAS, and DCS)

Training Description:

This training course is an introduction to the emerging fibre optic technologies of Distributed Temperature Sensing (DTS) as well as related Distributed Acoustic (DAS) and Distributed Chemical Sensing (DCS). This training course looks at how these technologies work, and their application to the oil and gas industry. Such systems have been utilised in shallow steam injection wells as well as high-cost horizontal and multilateral wells where re-entry with a logging tool is difficult, if not impossible. This class also includes an overview of PLATO software for managing DTS data and computing flow, plus a hands-on demonstration of DTS hardware.

The science behind DTS and its applications are still emerging. If you have been following this technology and would like to learn more, this course is for you.

Training Designed for:

This course is intended for petroleum engineers, geologists, and anyone else interested in learning more about DTS and the latest advances in the technology.

Training Program:

TWO DAYS:

- ❖ Introduction
- ❖ How DTS, DAS, and DCS technologies work
- ❖ Typical well installations, hardware, and log recordings
- ❖ Factors affecting data accuracy, calibration, and quality
- ❖ Field applications and examples of DTS and DAS
- ❖ PLATO software for DTS data management and computation of flow profile
- ❖ DTS demonstration
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

This training course is available upon request in English or Arabic. Content, location and duration can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Certificate(s):

Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures, Concepts, Role Play
- 30% Workshops & Work Presentations, Techniques
- 20% Based on Case Studies & Practical Exercises
- 20% Videos, Software & General Discussions
- Pre and Post Test

Training Fees:

As per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Daily Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session

For training registrations or in-house enquiries, please contact:

Aisha Relativo: aisha@cmc-me.com

Tel.: +971 2 665 3945 or +971 2 643 6653 | Mob.: +971 52 2954615

Training & Career Development Department