



COILED TUBING & HORIZONTAL DRILLING OF UNCONVENTIONAL RESERVOIRS

Matthew Swartout

<u>FECHA:</u>	Lunes 12 al 16 de Mayo de 2014
<u>LUGAR:</u>	YPF – Macacha Güemes 515 – Puerto Madero – Bs.As.
<u>HORARIO:</u>	8:30 a 12:30 h 13:30 a 17:30 h.
<u>VALOR INSCRIPCIÓN:</u>	SOCIOS 2.900 USD y NO SOCIOS 3.100 USD.
<u>CIERRE INSCRIPCIÓN:</u>	Viernes 2 de Mayo de 2014
<u>IDIOMA:</u>	Inglés
<u>INSCRIPCIONES:</u>	info@spe.org.ar indicando nombre y apellido, curso solicitado y Empresa a la que pertenece.
<u>IMPORTANTE:</u>	Disponer de notebook, para la realización de ejercicios.

PROGRAMA DEL CURSO

History of Coiled Tubing Development Application of the Technology

- Drilling
 - Shallow Wells
 - Deep Wells
 - Multi-Lateral
 - Workovers
- Workovers
- Pipelines

Horizontal Drilling with Coiled Tubing

- Equipment Requirements
 - Surface Equipment
 - Bottom Hole Assemblies
- Planning/Design of a Well using Coiled Tubing Technology
- Field Management of a Coiled Tubing Drilling Operation
- Evaluation of Coiled Tubing Drilled Horizontal Wells

Under Balanced Drilling

Planning Directional and Horizontal Wells

- Purpose/Application of Directional/Horizontal Wells
 - Directional
 - Horizontal
 - Side Tracks
 - Conventional versus Coiled Tubing
- Extended Reach Drilling Software (Eg. Signa)

- Purpose
 - Application of Software
- Developing of a Well Plan
 - Surface Equipment
 - Downhole Equipment
 - Drilling Fluids Systems
 - Casing and Liners

Special Equipment/Tool Selection

- Well Control Systems
- Downhole Assemblies
- Measurement While Drilling Technology
- Logging While Drilling
- Logging While Tripping
- Wellbore Monitoring
- Surface Data Acquisition
 - Drilling Rig
 - Office
- Well Control
 - Underbalanced Drilling
 - Managed Pressure Drilling
 - Advanced Well Control

Implementing and Managing the Drilling

- Cost Control
- Logistics
- Review of Daily Progress

Completions and Production

- Well Completion
 - Casing and Liners
 - Downhole Equipment
 - Wellhead Design
- Well Stimulation: Acidizing and Hydraulic Fracturing

Workshop Focus:

Through discussions, case studies and the use of Extended Reach Drilling Software, the participants will learn about current Horizontal Drilling Technology and its application to unconventional reservoirs.

CV DEL INSTRUCTOR

Résumé Summary for Matt Swartout – P. Eng.

A Drilling Engineer with 28 years of experience in Canada, the United Arab Emirates Kurdistan, Brazil, Venezuela, Indonesia, Japan, USA and Russia. Responsibilities included: Drilling Management, Design and Development and Field Implementation of Drilling Programs for shallow oil and gas wells to deep High Temperature/High Pressure Sour Gas wells. Operational supervision of conventional, slant-hole and coiled tubing drilling rigs utilizing both over balanced and under balanced drilling fluids technology. CEO, for start-up companies, responsible for all aspects of administration and operations.