



TECHNOLOGICAL INNOVATIONS FOR INCREASING ANGOLA'S OIL PRODUCTION

ABSTRACT

The Oil & Gas industry has demonstrated remarkable application of technology to successfully find, locate, drill, complete and produce hydrocarbons. Advances in seismic technology, drilling and completion practices and innovative reservoir management strategies have allowed multi-nationals and IOCs to meet the growing world demands.

Angola has made a renewed commitment to increase and sustain its daily oil production. It is considering investments in the right technology that will enable sustainable growth in its daily production. The intent of this workshop is to pull together the principal players within industry and government to discuss sustainable growth in oil production and map out strategies to achieve the desired outcome.

DATES

10 – 11 July 2013

VENUE

Hotel Epic Sana
Rua da Missão, Luanda, Angola

SPECIAL GUEST

Dr. Ganesh Thakur
SPE President 2012

ATW2013 COMMITTEE

Chairman

José Botelho de Vasconcelos
S. Exa. Minister of Petroleum of Angola

Co-Chairman

S. Exa. Chief Executive Officer of Sonangol

Director

Orlanda Almeida
ENI Angola

Technical Program Manager

Dr. Dawari Charles, Chevron
SPE Continuing Education & Career Guidance Chairperson

ATW2013 CONTACTS

Abel Claudino Cruz, Sonangol P&P
Section Officer – Sonangol P&P
email - abel.cruz@sonangol.co.ao

Domingos Bernardo, Sonangol DEX
SPE Section Officer - Sonangol DEX
email - domingos.bernardo@sonangol.co.ao

Mrs. Frances Leon
SPE Europe & Sub-Saharan Africa Logistics Support
email -

Caziluqui Pedro, Chevron
SPE Talent Council Office
email - cnpe@chevron.com

ATW2013 REGISTRATION FEES - INDIVIDUALS

SPE Members: \$ 1,000

Non-SPE Members: \$ 1,200

ATW2013 REGISTRATION FEES - ORGANIZATIONS

Sponsoring Companies: 5 delegates free

SPE Participating Universities: 2 delegates free



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ATW2013 DAY 0 • 09 JULY 2013 TUESDAY

14:00 - 17:00	Check-in at Hotel	
17:30 - 18:00	Registration	
18:00 - 19:00	Welcome Reception	Keynote Speaker, Sonangol

ATW2013 DAY 1 • 10 JULY 2013 WEDNESDAY

07:30 - 08:30	Registration	
08:30 - 09:00	Coffee	
09:00 - 09:15	Welcome Note	SPE Angola Chairman 2013
09:15 - 09:30	Opening Address	Minister
09:30 - 10:00	Keynote Session	Technological innovations for increasing Angola's oil Production SPE President 2012
10:00 - 10:30	Coffee Break	
10:30 - 12:30	Special Session I	Attaining and Sustaining Angola's Daily Output at 2MM BOEPD Government/Industry initiatives to spur production growth - what, how and by when to achieving the desired outcome? Facilitator/Discussion Leader - Dr. Ganesh Thakur, SPE President 2012 <i>This is an invitation-only, facilitated special session for the Honorable Minister of Petroleum, Operating and Service Company Managing Directors/General Managers, & Government Officials</i>



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ATW2013 DAY 1 • 10 JULY 2013 WEDNESDAY

Improving our finding success ratio for the next Elephant Reservoir -G&G

10:30 - 12:30 Session I

Session 1: Lead Presentation: What do you have to do to find the next elephant reservoir?

Session 2: Current State in G&G acquisition and processing, challenges and opportunities.

Session 3: Game Changing Technologies expected within the next 5 years

Session 4: Challenges and Opportunities in applying game changing technologies in Angola.

Open Session to all workshop participants

12:30 - 14:00 Lunch Break

Drilling and Completions Innovations for the next frontier (tagging the elephant safer and cheaper!)

14:00 - 15:00 Session II

Session 1: Challenges and opportunities in Presalt Exploration Drilling
Alternate Topic 1: Risk and uncertainty management in well design and well construction in today's complex drilling environment: Mitigating sources of drilling delays and non-productive time associated with Wellbore stability management.

Session 2: Rock Mechanics Analysis in Well Trajectory and Mud Weight planning: BBLT Wells Planning : Application and Results.

Topic 3: Logistic support to drilling operations in Angola

Topic 4: Zero discharge Legislation

Open Session to all workshop participants

15:00 - 15:30 Coffee Break

15:30 - 16:15 Closing Remarks

High-Level Summary of the day's discussions

19:00 - 21:00 Dinner



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ATW2013 DAY 1 • 11 JULY 2013 THURSDAY

07:30 - 08:30	Registration	
08:30 - 09:00	Coffee	
09:00 - 10:00	Keynote Session	Sonangol Representative
10:00 - 10:30	Coffee Break	
		Reservoir Management Strategies to realize the Dream Ultimate Recovery Factor (e.g.; 75% URF)
		Session 1: Smart Well Technology, Reducing CAPEX and Improving Field Ultimate Recovery
10:30 - 12:30	Session III	Session 2: Integrating 4D Seismic into Reservoir Management for Improved Recovery
		Session 3: Chemical EOR for Brown Field to Improve Ultimate Recovery
		Session 4: New generation data surveillance tools
		<i>Open Session to all workshop participants</i>
12:45 - 14:00	Lunch	
		Reservoir Management Strategies to realize the Dream Ultimate Recovery Factor (e.g.; 75% URF)
		Session 1: Smart Well Technology, Reducing CAPEX and Improving Field Ultimate Recovery
14:00 - 16:45	Session IV (Breakout Session)	Session 2: Integrating 4D Seismic into Reservoir Management for Improved Recovery
		Session 3: Chemical EOR for Brown Field to Improve Ultimate Recovery
		Session 4: New generation data surveillance tools
		<i>Open Session to all workshop participants</i>
15:00 - 15:15	Coffee Break	
15:15 - 16:15	Report Out	
16:15 - 16:45	Closing Remarks	SPE international President 2013