



A DECADE OF ASSOCIATION



BEST PRACTICES & NEW TECHNOLOGIES



**ATC 2003
CONFERENCE & OIL SHOW**

3 - 5 OCTOBER - ISLAMABAD

ANNUAL TECHNICAL CONFERENCE AND OIL SHOW 2003 JINNAH CONVENTION CENTRE

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SCHEDULE OF EVENTS

DAY 1 FRIDAY

3 OCTOBER, 2003

Inaugural Session

08:15 - 08:45	Guests to be seated
08:45 - 08:50	Arrival of Chief Guest
08:50 - 08:55	Recitation from Holy Quran
08:55 - 09:05	Inaugural address by Chairman PAPG, Dr. Jim McCann
09:05 - 09:20	Address by Honorable Minister of Petroleum & Natural Resources, Chaudhry Nouraz Shakoorkhan
09:20 - 09:30	Closing remarks and Vote of Thanks by Chairman Conference, Nusrat K. Siddiqui
09:30 - 10:00	Presentation of Shields to PAPG and SPE Executive Committees and Corporate Members
10:00 - 10:45	Visit of Chief Guest to Oil Show
10:45 - 11:15	HI-TEA SPONSORED BY ABDUL QADER HAJI SOOMAR
11:15 - 12:30	Delegates visit to Oil Show
12:30 - 13:30	LUNCH SPONSORED BY INTL. TUBULAR SERVICES, SMITH SERVICES COMPLETIONS GROUP & NATIONAL OILWELL
13:30 - 14:30	JUMA PRAYERS

TECHNICAL SESSION – 1

(Hall-1) (Technology)

Chairman: Paul Fink - OMV

Co-chairman: Andrea Alessandrini - Eni

TECHNICAL SESSION – 2

(Hall-2) (Drilling)

Chairman: Latif Ahmad Rana - OGDCL

Co-chairman: Masood Abdali - BHI

14:30 – 15:00

Ling Yun — CNPC

Application of wide azimuth land 3D-A case history

Sajid Saeed Khan, Muhammad Ali, Feroze Shahid - OMV

Drilling Optimization using emerging technologies in Sawan and Miano

15:00 – 15:30

Nusrat K. Siddiqui-PPL, Muhammad Haneef, Muhammad Haseeb Badar - LMKR

Geology of the Adhi oil and gas-condensate field and the application of 3D Multi-attributes Geovolume Visualization Interpretation techniques to enhance the structural and reservoir information

Mushtaq Ali, M. Omer A. Farooqi - OPI

An integrated approach towards drilling performance

15:30 – 16:00

Azhar Jamil Siddiqui-OPI, Muhammad Haneef - LMKR

Interpretive Seismic Data Processing on OPI Phase-III 2003 Data

Reinhard J. Oswald - OMV, Gamal R. Iskander, M.R. Monem - MI

Design and Application of World's First High Temperature Silicate Mud System for Highly Reactive Shales

16:00 – 16:30

TEA — SPONSORED BY PREMIER - KUFPEC PAKISTAN B.V.

TECHNICAL SESSION – 3 (Hall-1)
(Technology and Best Practices)
 Chairman: Patrick Bird - PKP
 Co-chairman: Dr. Saeed K. Jadoon - OGDCL

TECHNICAL SESSION – 4
(Hall-2) (HSE/LEGAL)
 Chairman: Ahmed Saeed – Eni
 Co-chairman:- Basharat A. Mirza - OGDCL

16:30 – 17:00

L. Bräuer, E. Ströbl - OMV-AG
 Development and Implementation of
 Technologies in OMV

Dr. Sohaib Qadar
 Conducting Petroleum Exploration and
 Production Operations, Offshore Pakistan
 – Legal compliance Road Map

17:00 – 17:30

**Ehtesham U. Syed, Karamat Ali,
 Tauqeer E. Rana, M. Javed Iqbal - BP**
 A simple approach to evaluate the change
 in injectivity in injection wells to improve
 performance at Tangri water-flood

Masood Lohar – Eni Pakistan
 The art of Community Relations - How to
 be a neighbor of choice

17:30 – 18:00

**Dr. M. Iqbal Qureshi - GIK, M. Omer
 A. Farooqi, Jawwad A. Subzwari, Ms.
 Nasreen Farah - OPI**
 Optimized Waste Management at an E&P
 site

Mir Kazim Ali - OMV
 Development of Operations Safety Case
 in Pakistan

18:00 - 19:30

DELEGATES VISIT TO OIL SHOW

19:30

DINNER SPONSORED BY GREAT WALL DRILLING COMPANY

DAY 2 SATURDAY
4 OCTOBER, 2003

TECHNICAL SESSION – 5 (Hall-1)
(Petrophysics)
 Chairman: Masood Siddiqui - PKP
 Co-chairman: Dr. Nadeem Ahmed-OMV

TECHNICAL SESSION – 6 (Hall-2)
(Geology)
 Chairman: Dr. Sayed Mohammad Ahmed-OGDCL
 Co-chairman: Sayeed Ahmed-BPP

9:00 – 9:30

**Liu Yunbei, Du Xudong, Zhou Kaifeng,
 Yuan Fuwen - CNPC**
 Uses of overlap method of RD vs DT to
 identify reservoir fluids

**M. Asif Khan, Iftikhar A. Abbasi –
 Peshawar University Amjad W.
 Qureshi – LMKR, Said Rahim Khan -
 GLGSP**
 Tectonics of Afghan-India Collision Zone,
 Kurram-Waziristan region, N. Pakistan

9:30 – 10:00

Liu Yunbei, Gu Weikang - CNPC
 Log analysis in carbonate reservoir with
 high porosity but low permeability.

**Sajjad Ahmad, Irshad Ahmad, Dr.S.
 Hamidullah, M. Irfan Khan –
 Peshawar University and Ishrat
 Rahman – MGCL**
 Structural framework of the Kalabagh Hills,
 Pakistan.

10:00 – 10:30

**Carlos Maeso, Ian Tribe -
 Schlumberger**
 Hole shape from ultrasonic calipers and
 Density While Drilling – A tool for drillers

**Abrar Ahmad, Shahnaz Alam,
 Muhammad Ejaz - HDIP**
 Source rock potential of coal and associated
 sediments of Thar coal field, Lower Indus
 basin, Pakistan

10:30 – 11:00

TEA SPONSORED BY MOL PAKISTAN

TECHNICAL SESSION –7 (Hall-1)
(Petrophysics)
 Chairman: Shahid Hameed – Rally-Energy
 Co-chairman: Dr. Fareed Iqbal Siddiqui - PPL

TECHNICAL SESSION –8 (Hall-2)
(HSE/LEGAL)
 Chairman: Fasih Zaman - PPL
 Co-chairman: Jamal Akbar Ansari

11:00 – 11:30

**H. Waheed, C. Bradford - Saudi Aramco
 R. Ramamoorthy, E. Marhaba -
 Schlumberger**
 ECS applications and challenges in a giant
 gas field

Hamayun G. Shafi - PPL
 Best practices and unitization

11:30 – 12:00

Arshad Pervez, Muneer Memon, Saood Alam - BPP
Prediction of hydrocarbon types using hydrocarbon shows from mud log data in Badin Block

Salman Zakaria , Peter Crerar - OMV
Selection of Contractor/s for oil and gas projects in Pakistan

12:00 – 12:30

Abdul Fareed Khan, Arshad Palekar, Khalid Mahmood, Haq Minhas - Eni Pakistan
Petrophysical well log attributes of Glauconitic-Chamositic heavy mineral in Lower Goru formation and its significance in formation evaluation in Central Indus Basin, Pakistan

Bilal M. Syed - OMV
Issues arising from the Environmental Legislation while working in Sensitive Areas by the E&P sector in a developing country

12:30 – 14:00

LUNCH SPONSORED BY OGDCL

**TECHNICAL SESSION – 9 (Hall-1)
(Geology)**

Chairman: Dr Gábor Vakarcs - MOL
Co-chairman: Nizam Ud Din - POGC

**TECHNICAL SESSION – 10 (Hall-2)
(Best Practices)**

Chairman: Tahir Azizuddin - POL
Co-chairman: Sun Peng - CNLC

14:00 – 14:30

Nadeem Ahmad - OMV
Evaluation of Lowstand Carper Sandstone Play: Insights from Sequence Stratigraphic Analysis of the Lower Carboniferous Borden Group, Eastern Illinois Basin, North America

Syed Asif Ahsan, Tufail Ahmad Khoso, Muhammad Maroof - MGCL
Understanding gas composition variation over Mari gas field

14:30 – 15:00

Syed Tariq Hasany – PPL, Fazl-i-Rabbi Khan – Peshawar University
Palaeozoic sequences as potential source rocks for petroleum in northwestern Pakistan, with particular reference to the Silurian System, a major petroleum source in the Middle East and North Africa

Peter Crerar - OMV
Best Practices adopted in the development of the Sawan gas field

15:00 – 15:30

Riaz A. Sheikh – Punjab University , M. Athar Jamil, Dr. Jim McCann – Tullow, M. I. Saqi - PPL
Distribution of Infracambrian Reservoirs on Punjab Platform in Central Indus basin of Pakistan

Christian Enzendorfe - OMV
Real time sanding evaluation to optimize high rate gas wells - Sawan field, Pakistan

15:30 – 16:00

TEA SPONSORED BY TULLOW PAKISTAN LTD.

**TECHNICAL SESSION – 11 (Hall-1)
(Integration)**

Chairman: Syed Shakil Ahsan - BPP
Co-chairman: Hasan Akram - Schlumberger

**TECHNICAL SESSION – 12 (Hall-2)
(Geology)**

Chairman: Dr. Humayoo Iqbal - OGDCL
Co-chairman: Moin Raza Khan - Eni

16:00 – 16:30

Bernard Bourbiaux, Rémy Basquet, Marie-Christine Cacas and Jean-Marc Daniel - IFP and Sylvain Sarda - Beicip-Franlab.

An Integrated Workflow to account for Multi-Scale Fractures in Reservoir Simulation
Models: Implementation and benefits

Abdul Hameed, Muhammad Nawaz Bugti, Muhammad Anwar Moghal, Muhammad Ishaq Saqi - PPL

Subsurface geometry of Potwar sub-basin in relation to structuration and entrapment

16:30 – 17:00

Philip G. Clegg, Adnan Rashid, Zulfiqar Ahmad - OMV

Ground - water studies to develop a water supply source at Sawan cpp area: A calibrated and verified computer modeling by processing modflow

Waqar A. K. Jadoon, B.A. Shami -POL, Iftikhar A. Abbasi - Peshawar University

Fracture analysis of Khaur anticline and its implications on subsurface fracture system

17:00 – 17:30

Cheng Xiaodong - CNPC

Integrated logging data to successfully detect structure boundary using well testing method

Mirza Naseer Ahmad, Mitsuo Yoshida, Mohammad Ali - LMKR

Late Cretaceous paleoposition and post collisional crustal rotations of Sulaiman Range: A paleomagnetic study of Sulaiman Range

19:00 – 20:00

DINNER SPONSORED BY OMV PAKISTAN AND ENI PAKISTAN

20:00 – 21:30

MUSIC SHOW SPONSORED BY OMV PAKISTAN AND ENI PAKISTAN

DAY 3 SUNDAY
5 OCTOBER, 2003

TECHNICAL SESSION – 13 (Hall-1)
(Production)
Chairman: David Werner - BHP
Co-chairman: Carlos Maeso - Schlumberger

TECHNICAL SESSION – 14
Chairman: Simon D. - MOL
Co-chairman: Dr. Amir Ayub - PKP

9:00 – 9:30

Reinhard Bacher - OMV

A new cost-saving and ecologically harmless water treatment technology reduces oilfield operating problems

Amjad Ali Khan - LMKR

Stratigraphy and tectonic architecture of the northwestern part of the Kohat Basin, NWFP, Pakistan

9:30 – 10:00

Bernhard Schlager - OMV

Hydraulic Fracturing: Recent advances in technology doubled success rate in Austria

Fazl-i-Rabbi Khan, Mohammed Ihsan Afridi - Peshawar University

Gas Seeps in Zakhel Marani Area Zone I

10:00 – 10:30

Mohammed Jemmali, Majid Al-Mutawa, Ealian An-Anzi, Chakravartha Ravula - KOC, Faisal Al Jahalmah, Mathew Samuel - Schlumberger

Field case of a zero damaging stimulation and diversion fluid from the carbonate formations in North Kuwait

Abu Baker - OMV

CMMS implementation for OMV Pakistan E&P operations

10:30 – 11:00

TEA SPONSORED BY PAKISTAN OILFIELDS LIMITED

TECHNICAL SESSION – 15 (Hall-1)
Chairman: Phil Maclaurin - PKP
Co-chairman: - Tasleem Wasti - POL

11:00 – 11:30

Sajjad Ahmad - Peshawar University, Ishrat Rahman - MGCL, Irfan Khan, Fayaz Ali - Peshawar University

Thrusting, active back thrusting and tectonic wedging: An example from Surghar Range, North Pakistan

11:30 – 12:00

Fazl-i-Rabbi Khan, Ruth Mawson, Mohammed Ihsan Afridi, Sahadat-ur-Rehaman, M. Irfan Khan – Peshawar University

Implications of Early Carboniferous (late Tournaisian) conodonts from the Tabai Formation, South Khyber region, Pakistan

12:00 – 12:30

Nasir Zaman Khan - OMV

Contractor safety – Our experience

12:30 – 14:00

LUNCH SPONSORED BY SUMITOMO CORPORATION AND LMKR

14:00 – 15:30

PANEL DISCUSSION (Hall-1)
Knowledge Management and Transfer

15:30 – 16:30

CLOSING SESSION

15:30 - 16:10

Presentation of Shields to Organizing Committees of ATC 2003

16:10 - 16:20

Closing speech by Chairman SPE, Dr. Werner Ladwein

16:20 - 16:30

Vote of Thanks by Vice Chairman Conference, Shehryar Lodhi

16:30 – 17:00

TEA SPONSORED BY BP PAKISTAN



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