



4th Atyrau Regional Petroleum Technology Conference

OILTECH Atyrau 2010

6th - 7th April 2010

Renaissance Atyrau Hotel, Atyrau, Kazakhstan



Lead Sponsor:



Day 1

Tuesday, 6th April, 2010

TECHNOLOGY DAY

08:00 - 09:00

Registration & Welcome Coffee

09:00-10:30

OFFICIAL OPENING OF THE 4TH ATYRAU REGIONAL CONFERENCE
THE ROLE OF ATYRAU REGION IN THE POLITICAL AND ECONOMICAL DEVELOPMENT OF KAZAKHSTAN
OFFICIAL PRESS-CONFERENCE

Chairman:

Fergus Robertson, Strategic Partners, UK

Welcome Addresses:

Graeme Coombes, Head of Oil and Gas Division, ITE Group plc

Nurlan Sauranbayev, Managing Director, KazMunayGas National Company JSC

Speakers:

David Moran, Ambassador of the UK in Kazakhstan and Kyrgyzstan

UK and Kazakh Co-operation in the energy sector

Joint presentation:

Uzakbay Karabalin, General Director, Kazakh Institute of Oil and Gas, JSC (KING)

Mansiya Babasheva, General Director, CaspiyMunaygas

The ways of utilization of associated gas

Pierre Delpont, External Relations Director, NCOC

Kashagan Field Update

Q&A

10:30

Networking Coffee Break

11:15-11:55

SESSION 2

STRATEGIC DEVELOPMENT OF EXPLORATION AND PRODUCTION SECTOR IN KAZAKHSTAN
THE ROLE OF THE STATE

Chairman:

Fergus Robertson, Strategic Partners, UK

- New projects and prospects in Kazakhstan: the role and support of the regional administration
- The input of international organisations in the development of the technology sector Kazakhstan
- Exploring in Western Kazakhstan. Kashagan and other fields in Western Kazakhstan

Bazar Eskozha, Senior Geologist, JSC KazMunaiGas Exploration Production

Expansion of geological surveys: the basis for increased exploration and production

Dwayne Leismer, Atyrau Kazakhstan Chairman, SPE

The history, activities and prospects of SPE in Kazakhstan

Q&A

11:55-12:20

TECHNICAL WORKSHOP 3

RECENT DEVELOPMENTS ON OFFSHORE WATER TREATMENT

The presentation will focus on offshore water treatment and the recent developments made by VWS Oil & Gas, in areas such as produced water treatment. The speaker will present the main technologies of the company and the benefits/advantages of each.

- Cophase™ Compact Flotation Unit
- Ceramem® Ceramic Membranes
- MPPE® (Macro Porous Polymer Extraction)
- Water Injection
- Membrane Filtration – Microfiltration & Ultrafiltration
- Membrane Deaeration

Graeme Orr, Sales Manager, VWS Oil & Gas

Q&A

12:30

Networking Luncheon and VIP Lunch

Silk Way Restaurant, Renaissance Atyrau Hotel



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13:30-13:50

TECHNICAL WORKSHOP 4

PROTECTION OF CAPITAL INVESTMENT THROUGH PRESERVATION
IN SEVERE CLIMATIC CONDITIONS

The absence of a logical and coherent maintenance and preservation strategy for rigs during their inactive period between drilling programs has invariably resulted in avoidable deterioration of expensive equipment, expensive corrective actions, unanticipated delays to start up dates, over budget start up costs and frequent down time after start up.

ModuSpec has nearly 25 years experience with equipment condition surveys on drilling rigs. Based on this experience ModuSpec has developed a specific program on the preservation of drilling rigs.

The purpose of this preservation program is to protect the capital invested in these high cost assets and to provide assurance that the rig is maintained in a safe and reliable condition while controlling costs at a level which will allow the rig to be ready to carry out future work safely, efficiently and reliably.

Kazakhstan can experience severe climatic conditions and temperatures ranging from +40°C in summer to -40°C in winter are not unusual.

The country can be logistically quite challenging and because of this even basic components can end up with a long lead time delivery.

ModuSpec has the experience to prepare and produce a preservation philosophy for the preservation of drilling equipments.

Andrew Calderwood, Lloyds Register Moduspec

Q&A

14:00-14:30

TECHNICAL WORKSHOP 5

THE CONCEPT OF THE GEOLOGICAL RESEARCH IN WESTERN KAZAKHSTAN

Nikifor Shishkovsky, Advisor to the Department of Engineering Surveys, CaspiyMunaygas Research Institute

Q&A

14:30-15:00

TECHNICAL WORKSHOP 6

DEVELOPING KAZAKHSTAN'S OIL PROCESSING INDUSTRY. CASE STUDY: ATYRAU REFINERY

- ATYRAU: The aromatic hydrocarbon plant at the Atyrau refinery (western Kazakhstan)
 - Building and construction
 - Project financing
 - Introduction of Innovative technology
 - Building an advanced refining facility
 - Reconstructing the atmospheric and vacuum distillation plant of the Atyrau refinery

Zhaniyaz Kashaubayev, First Deputy of Managing Director on Capital Reconstruction, Atyrau Oil Processing Plant

Implementing new projects at the plant

Q&A

15:00-15:30

TECHNICAL WORKSHOP 7

A SAFER WORKPLACE: CASE-STUDY FOR KAZAKHSTAN

Samat Amurgalinov, General Director, National Scientific Research Institute on Industrial Safety, Ministry of Emergency Situations, Kazakhstan

Emergency risk assessment and management in industrial safety

Q&A

15:30 **Chairman's closing remarks**

15:40 **Networking Coffee Break**

16:10 **End of Conference Day 1**
Visiting the 9th Atyrau Oil, Gas & Infrastructure Exhibition

18.30 **Official Atyrau Oil & Gas Exhibition and OilTech Atyrau Regional Conference**
Opening Gala-reception
Grand Ballroom, Renaissance Atyrau Hotel (*by invitation only*)

Hosted by:





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Day 2

Wednesday, 7th April, 2010

DEVELOPMENT OF THE PETROCHEMICAL INDUSTRY OF THE REPUBLIC OF KAZAKHSTAN 2008-2013

09:00 - 09:30

Registration & Welcome Coffee

Chairman's Opening Remarks:

Fergus Robertson, Strategic Partners, UK

09:30

SESSION 8

DEVELOPING LOCAL CONTENT ON THE KAZAKHSTAN'S OIL AND GAS SECTOR

- Progress on the National Industrial Petrochemical Technology Park - the free economic zone in Atyrau Region
- Starting establishing infrastructure for the first integrated gas chemical complex in Atyrau oblast
- Construction of a gas sweetening plant in Kazakhstan in Karabatan
- Expanding the local content in the companies operating in Kazakhstan
- Social responsibility

Nursultan Saymasayev, Director of Atyrau Branch of Kazakhstan Institute for Standardisation and Certification, Committee for Technical Regulation and Metrology of the Ministry of Industry and New Technologies of the RK

Technical regulations as a key to the competitiveness of Kazakhstani produce

Murzabek Kuangaliyev, General Director, CaspiyMunaygas

Services of the local regional engineering

Q&A

10:15-11:00

TECHNICAL SESSION 9

SPECIAL FOCUS: EITI IN KAZAKHSTAN - HOW COMPANIES CAN SUPPORT EITI

This special focus session offers business managers practical information about the Extractive Industries Transparency Initiative (EITI) and how extractive companies can support and promote EITI for the benefits of improved business environment, stakeholders' relations and investment attractiveness. Speakers, from among EITI experts and members of the National Stakeholders Council, will pay particular attention to the role extracting companies can play in ensuring Kazakhstan's compliance with international EITI criteria, thus helping to promote the high profile of Kazakhstan in the international arena.

Panellists:

Anton Artemyev, Director, Public Finance Transparency Program, Soros Foundation-Kazakhstan

How companies can support EITI implementation

Tatiana Sedova, EITI Consultant, World Bank Kazakhstan

Validation results: implications for extractive companies

Kiril Osin, Member of the National Stakeholders Council, Director of EcoMagystau NGO

Social Investments on local level: mechanisms of tripartite cooperation

Q&A

11:00

Networking Coffee Break

11:30-12:00

TECHNICAL WORKSHOP 10

INTEGRATED WATER MANAGEMENT IN PETROCHEMICAL PLANTS

The presentation will illustrate an integrated water treatment approach within a petrochemical facility. It starts by evaluating the petrochemical plant as a black box where inlet water is consumed and waste water produced. By gradually adding treatment blocks to the black box the facility is extended with water treatment units for re-use and even Zero-Liquid-Discharge (ZLD). This results in an integrated water management scheme which as a reduced and optimised water footprint. This integrated approach is illustrated by a case study on basis of the water treatment facility which is being constructed for the Shell Pearl project in Qatar.

Jeroen Boom, Senior Process Engineer / Business Development VWS Oil & Gas

Q&A

12:00-12:30

TECHNICAL SESSION 11

PETROCHEMICALS AND DOWNSTREAM ACTIVITIES IN WESTERN KAZAKHSTAN

Gulzhan Orazova, Professor, Atyrau Oil and Gas Institute

Increasing the depth of processing at the Kazakhstani refineries and processing plants

Q&A



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12:30-13:15

TECHNICAL WORKSHOP 12

ENVIRONMENTALLY FRIENDLY INITIATIVES
ENVIRONMENTAL PERFORMANCE: CASE-STUDIES

Kuralay Shankiyeva, Head of State Ecological Inspection Department, Zhaiyk-Caspian Ecology Department, Committee of Ecological Regulation and Control, Ministry of Environment Protection, RK

Rosa Baijienova, Deputy Director on Marketing and Development, Ecological Biotechnology, Affiliate of the Science Committee, Ministry of Science, RK
The new domestic biological product "Bacoil" for cleaning of the petro polluted soil

Valeriy Kucherov, Principal Consultant, Head Performance & Assurance Services, ERM Eurasia
Financing of strategic oil & gas projects in the Caspian region: Environmental and Social aspects
Q&A

13:15

Q&A and Chairman's closing remarks

13:30

Networking Lunch

14:00

End of Conference

Visiting the 9th Atyrau Oil, Gas & Infrastructure Exhibition