

# ***MENA 2009 Oil & Gas Conference***

(MENA09) The 7<sup>th</sup> International Middle East & North Africa Oil & Gas Conference

سلسلة الاكتشافات الجديدة في العراق وليبيا

## **Aspects of the New Discovery and Production Cycles of the Middle East and North Africa**

28/9/2009: IRAQ & Middle East and 29/9/2009: LIBYA & North Africa

**The Imperial College, London SW7, UK.**

## Day One: Monday 28 September 2009

سلسلة الاكتشافات الجديدة في العراق و الشرق الأوسط

# The New Discovery & Production Cycles of Iraq & Middle East

### **8.00 to 9:00 Registrations**

#### **A. 9:00 to 11:00 SOME ASPECTS OF THE NEW OIL AND GAS DISCOVERIES OF THE MIDDLE EAST**

**Chairmen: Dr. M. Ala and Dr. M. Warrak**

☒ 9:00 Opening Remarks.

Target Exploration, Arad, Bahrain.

☒ 9:10 Middle East Oil and Gas Industry: The New Trends.

Dr. F. Perrin, Arab Oil and Gas, Paris, France.

☒ 9:40 Chronostratigraphic Isopach Mapping of Arabian Plate Sequences.

Dr. W. Pierce, STARTEXP, Cypress, Texas, USA.

☒ 10:05 A Review of Iran's Gas Industry and its Future Potential.

Dr. M. Ala, Imperial College, London, UK.

☒ 10:35 The Iraqi Upstream: Future Prospects and Expectations.

Dr. T. Uqaili, Centre of Global Energy Studies, London, UK.

### **11.00-11.30 Morning Coffee**

#### **B. 11:30 to 13:00 IRAQ: RECENT DEVELOPMENT IN EXPLORATION AND PRODUCTION**

**Chairmen: DR. A. Fenghor and Dr. M. Al-Chalabi**

☒ **11:30 Development Determinants of Upstream Sector in Iraq.**

**Ahmed M. Jiyad**, Petroleum Consultant, Vaksdal, Norway

☒ **12:00 Exploration Interpretation of Shuttle Radar Topography Mission Data: Practical Examples from the Arabian Plate.**

**Dr. W. Pierce and Dr. E. Rutherford**, STARTEXP, Cypress, Texas, USA.

☒ **12:30 Iraqi Boarder Fields**

**Dr. T. Uqaili**, Centre of Global Energy Studies, London, UK.

### **13.00-14.00 Lunch and Poster Presentations**

☒ **PP. Gravity-Magnetic Basement Structures of Iraq.**

**Dr. E. Rutherford and Dr. W. Pierce**, STARTEXP, Cypress, Texas, USA.

### **C. 14:00 to 15:00 IRAQ: PETROLEUM LAW, SERVICE VS. PSAS**

**Chairman Dr. T. Uqaili and Dr. A. Fenghor**

☒ **14:00 Iraqi Oil Law: Background and Roadmap.**

**Sabah Mukhtar**, Legal Oil Affairs Advisor, London, UK.

☒ **14:20 Remarks on the Proposed Iraq National Oil Company Law.**

**Ahmed M. Jiyad**, Petroleum Consultant, Vaksdal, Norway.

☒ **14:40 Iraq Oil Licensing Rounds: Politics and Prospects.**

**Greg Muttitt**, Platform, London, UK.

### **15.00-15.30 Afternoon Tea**

### **D. 15:30 to 16:30 SOME ASPECTS OF THE MIDDLE EAST NEW PRODUCTION CYCLE**

**Chairmen Dr. A. Fenghor and Dr. M. Al-Chalabi**



☒ 15:30 Oil in the Iranian Sector of the Caspian Sea: Reality or Myth?

Dr. M. Ala, Imperial College, London, UK.

☒ 15:55 Influence of PSAs in Kurdistan Region/Iraq on Development and Economy of Iraq

Hama-Jaza S. Kadir, Petroleum Advisor to TTOPCO, Hanover, Germany

☒ 16:15 Some Aspects of the New Arabian-Persian Oil Production Cycle.

Target Exploration, Arad, Bahrain.

E. 16.30 –17.00 Panel Discussions, Chairmen Summary and Closing Remarks

**Participants and Spouses are cordially invited to MENA2009 Conference Dinner**

***Time: 20.00-22.30 PM, Date: 28 September 2009. Place: TBA***



## Day Two: Tuesday 29 September 2009

سلسلة الاكتشافات الجديدة في ليبيا وشمال أفريقيا

### The New Discovery & Production Cycles of LIBYA & North Africa

#### **8.00 to 9:00 Registrations**

#### **F. 9:00 to 11:00 SOME ASPECTS OF THE NEW DISCOVERIES CYCLE OF N. AFRICA**

**Chairman Dr. W. Pierce and Dr. M. Warrak**

☒ 9:00 Opening Remarks.

Target Exploration, Arad, Bahrain.

☒ 9:10 North Africa Oil and Gas Industry: The New Trends.

F. Perrin, Arab Oil and Gas, Paris, France.

☒ 9:40 Early Exploration Fairways Vs Recent Discoveries of Sirte Basin Libya.

Target Exploration, Arad, Bahrain.

☒ 10:00 Un-discovery and Re-discovery Wells of a Typical Sirte Basin Graben, Libya

Target Exploration, Arad, Bahrain.

☒ 10:20 New Exploration Concepts behind Recent Exploration Successes in Libya: The Dawn of Stratigraphic Exploration.

Dr. T. Barsoum, TKB Consultants, Bucks, UK.

#### **11.00-11.25 Morning Coffee**

#### **G. 11:30 to 13:00 UNCONVENTIONAL HYDROCARBON RESERVOIRS OF LIBYA**

**Chairman Dr A. Fenghor and Dr. Uqaili**

- ☒ **11:30 Construction and Presentation of a New Basement Structural Map of Libya.**

**Dr. E. Rutherford and Dr. W. Pierce, STARTEXP, Cypress, Texas, USA.**

- ☒ **12:00 Proven and Potential Volcanic Reservoirs in Libya.**

**Target Exploration, Arad, Bahrain.**

- ☒ **12:30 Proven and Potential Basement Traps of MENA.**

**Dr. E Rutherford and Dr. W. Pierce, STARTEXP, Cypress, Texas, USA.**

**13.00-14.00 Lunch and Poster Presentations**

- ☒ **PP. Gravity-Magnetic Basement Faults and Structures of Libya.**

**Dr. E. Rutherford and Dr. W. Pierce, STARTEXP, Cypress, Texas, USA.**

**H. 14:00 to 15:00 GEOPOLITICS AND DATABASES OF OIL AND GAS DISCOVERIES**

**Chairmen Dr T. Uqaili and Dr M Ala**

- ☒ **14:00 Managing your E&P data by collaborating.**

**Stewart Robinson, Head of IT, Dept. Of Energy and Climate Change, London, UK.**

- ☒ **14:30 Cycles of Giant Oil and Gas Discoveries in MENA Countries.**

**Target Exploration, Arad, Bahrain.**

**15.00-15.25 Afternoon Tea**

**I. 15:30 to 16:30 PROVEN AND POTENTIAL GAS RESERVES OF LIBYA**

**Chairmen: Dr. M. Warrak and Dr. M. Ala**

- ☒ **15:30 Libya: Natural Gas Accumulations, Reserves and Future Potential.**

**Dr T. Barsoum, TKBConsultants, Bucks, UK.**

- ☒ **16:00 Salt-hosted Gas Storage: New Frontiers for Geoscientists in MENA-European Region.**

- Part A. Why the new emphasis on gas storage?
  - Part B. Exploration for storage-appropriate salt, new roles for geoscientist and examples from the MENA-Europe regions.
- Dr. E. Rutherford and W. Pierce**, STARTEXP, Cypress, Texas, USA.

**J. 16.30-17.00 Panel Discussions, Conference Summary & Final Chairmen Remarks**

## **Alternative Presentations**

☒ **AP-1.Hydrocarbon Exploration Plays of Iraq.**

**Target Exploration**, Arad, Bahrain.

☒ **AP-2.The New E&P Cycle of Iraq (The Kurdish Cycle).**

**Target Exploration**, Arad, Bahrain.

☒ **Hydrocarbon Potential of Greater Kurdistan (Iran, Iraq, Syria and Turkey)**

**Target Exploration**, Arad, Bahrain.

☒ **AP-3.An Evaluation of the Petroleum Provinces of Syria.**

**Dr. M. Warrak**, Open University, UK.

## **Selected References**

☒ **Iraq Index. The Brookings Institute**, Washington DC, USA.

☒ **Farouk Al-Kasim: Iraq's Gift to Norway. F.T.**, London, UK.

☒ **Brown can set the record straight on Iraq. Dr. B. Al-Chalabi**, Imperial Management Ltd., London, UK.

☒ **Arab Oil and Gas Directory.**

## **Chairmen and Authors**

### **CHAIRMEN**

**Dr. Mike Ala, Imperial College, London, UK**

**Dr. Mahboub Al-Chalabi, Petrotech, Ascot, UK**

**Dr. Abdul-Hamid Fenghor, Consultant Petrochemical Engineer, London, UK.**

**Dr. Walter Pierce, STARTEXP, Texas, USA**

**Dr. Mohammad Warrak, Structural Geologist, Open University, UK.**

**Dr. Thamir Uqaili, Petroleum Reservoir Engineer, CGES, UK.**

### **AUTHORS**

**Dr. Talaat Barsoum**  
**Consultant Petroleum Geologist, London, UK.**

**Dr. Muhammad W. Ibrahim**  
**Petroleum Geologist, London, UK.**

**Dr. Ahmed Jiyad**

Ahmed Mousa Jiyad is an independent development consultant and scholar. He studied and graduated with BSc in Economics (Univ., of Baghdad), Post Graduate Diploma in Planning (Univ., of Birmingham, UK), MSc in Development Studies (Univ., of Bath, UK) and MA, Law and Diplomacy (Tufts and Harvard universities, USA). He has over 40 years of extensive international professional experience in Iraq, UK, USA, Norway, and, with UN organizations, in Poland, former Czechoslovakia, Hungary, Uganda, Sudan and Jordan.

While in Iraq (1968-88) he worked as senior economist with Ministry of Oil and INOC, chief expert with the External Economic Relation Committee- Council of Ministers, chief expert and director of OECD department, Ministry of Trade. He left Iraq to the US in July 1988 as Fulbright Visiting Fellow at Fletcher School of Law and Diplomacy, Tufts University 1988/9.

Jiyad is active scholar with regular participation in international conferences, workshops, seminars and related events. He has written and publishes widely since 1976 on energy and other developmental issues, and his publications appeared in many countries in Arabic, English, Turkish and Norwegian. Most of



his recent contributions and publications can be found through the Internet search facilities *Google* and *Yahoo*. Ahmed M. Jiyad is an Iraqi-Norwegian citizen. He was born in Iraq in 1945, and lives in Norway since October 1989.

**Mr. Hama Jaza S. Kader**  
**Petroleum Advisor to TTOPCO, Hannover, Germany.**

**Mr. Sabah Mukhtar**

Was the sixteenth employee of Iraq National Oil Company since its establishment in 1964. Participated in most of the contracts and agreements with the then Eastern-Block Countries (USSR, Rumania, Bulgaria, and Czechoslovakia) as well as France, Brazil, India, Turkey, Syria and others. The projects involved all the facets of the oil industry including exploration, appraisal, and development of oilfields as well as upstream and downstream operations.

Was heavily involved in the 1972 nationalisation of the IPC Group.

Worked until 1980 as legal adviser to Abu Dhabi National Oil Company in the United Arab Emirates. Since 1980 practised as legal consultant in England advising on Arab and Islamic law. Advised many international clients and law firms working in the USA, European, African and Asian countries including the Arab Countries. Participated in arbitration proceedings both institutional and ad hoc. Appeared before the High Court of Justice in England and was accepted as expert on Arab and Islamic law. Advised on oil related matters including exploration and development rights in the Arab Gulf region, West Africa (Nigeria, Cote de Voire) Indonesia, Mexico, and the 7<sup>th</sup> Round UK North Sea oil.

**Mr. Greg Muttitt**

**Technical Adviser to the IRAQI General Union Of OIL EMPLOYEE (GUOE), and a researcher at PLATFORM.**

Greg Muttitt is a researcher and writer, specialising in Iraqi oil issues. Until early 2009, he worked at the London-based NGO Platform, where he campaigned since 2003 for a greater voice of Iraqi civil society in long-term oil decisions. He is now writing a book, entitled 'Fuel on the Fire: oil and politics in occupied Iraq'.

PLATFORM is a civil society organisation specialising in development, environment and human rights issues connected with international oil companies. He has just returned from a trip to southern Iraq, during which he visited installations and met with industry personnel and managers.

**Dr. Francis Perrin**

**Editorial Manager, Arab Oil and Gas, Arab Petroleum Research Center, Paris, France.** Studies in economics and political science at the University of Grenoble (France); PhD in energy economics and graduate of the Institute of Political Studies. Consultant and freelance journalist in energy economics. Editorial manager of Arab Oil & Gas published by the Paris-based Arab Petroleum Research Center. Contributing editor to Petrostrategies (Paris) and Africa Energy Intelligence. Contributing editor to CycloPee 2005, a yearbook published in Paris (May 2005) and covering world commodities markets (an English translation will be published by the United Nations with the title "World Commodity Survey"). Special emphasis on the Middle East, Africa, the Caspian Sea region, sanctions and the strategies of the international oil industry.

**Dr. Walter Pierce**

**Co-director of StartExp located in Cypress, Texas, USA.** Walter has a Ph.D. and MSc degrees in Geology from The Colorado School of Mines and an A. B. from DePauw University. His background includes consulting after early retirement subsequent to 17 years of experience

with international groups within Amoco. Explored the Africa and Middle East as an Amoco geologist for seventeen years. Taught Geology for eight years at Ball State University, University of Georgia, and The Colorado School of Mines. Worked for the USGS in the Petroleum Group and in the Heavy Metals group. His recent work has included New Ventures, hydrocarbon system analysis of the Arabian plate, undiscovered reserve assessment, multi-basin assessment of Central Asia and the Middle East.

Most recently he worked in Turkmenistan and Ankara creating a development plan for a field onshore in western Turkmenistan.

**Stewart Robinson**

**Head of IT, Dept. Of Energy and Climate Change, London, UK.**

**Dr. Everett Rutherford, Jr.**

**Co-director of StartExp located in Cypress, Texas, USA.** Everett has a BS and MS from the University of Tennessee and Ph.D. from the University of Houston. His research interests centred on structural geologic, plate tectonic and basin evolutionary problems in the Middle East, Central Asia, the Caribbean and Indonesia. His career in petroleum exploration began in 1981 with Sequoyah Petroleum Corporation and later with Paragon Exploration Company. From 1992 until 1999, he was a Senior Geologist with Amoco Corporation, working with regional exploration problems in North Africa, the Middle East and Central Asia.

**Dr. M. Warrak**

**Consultant Geologist, Research Associate in Structural Geology, Imperial College, London, and Associate Lecturer, the Open University, UK.** Mohammed has a B.Sc. Honours in Geology, University of Liverpool, M.Sc. and D.I.C. in Petroleum Geology, Imperial College, University of London, Ph.D. in Structural Geology, Imperial College studying an area of great structural complexity in the Western Alps of France. Well-established researcher and teacher of Earth Sciences with detailed knowledge of the Geology of the Northern Oman Mountains. The results of his research include scientific papers and six geological map sheets of some of the most important and geologically critical regions of the Northern Oman Mountains. He also carried out consultations to the Government of the U.A.E. and many contracting companies including Abu Dhabi National Oil Company (ADNOC) / OMV Aktiengesellschaft (Austria) and Calvalley Petroleum (International) Inc., Canada.

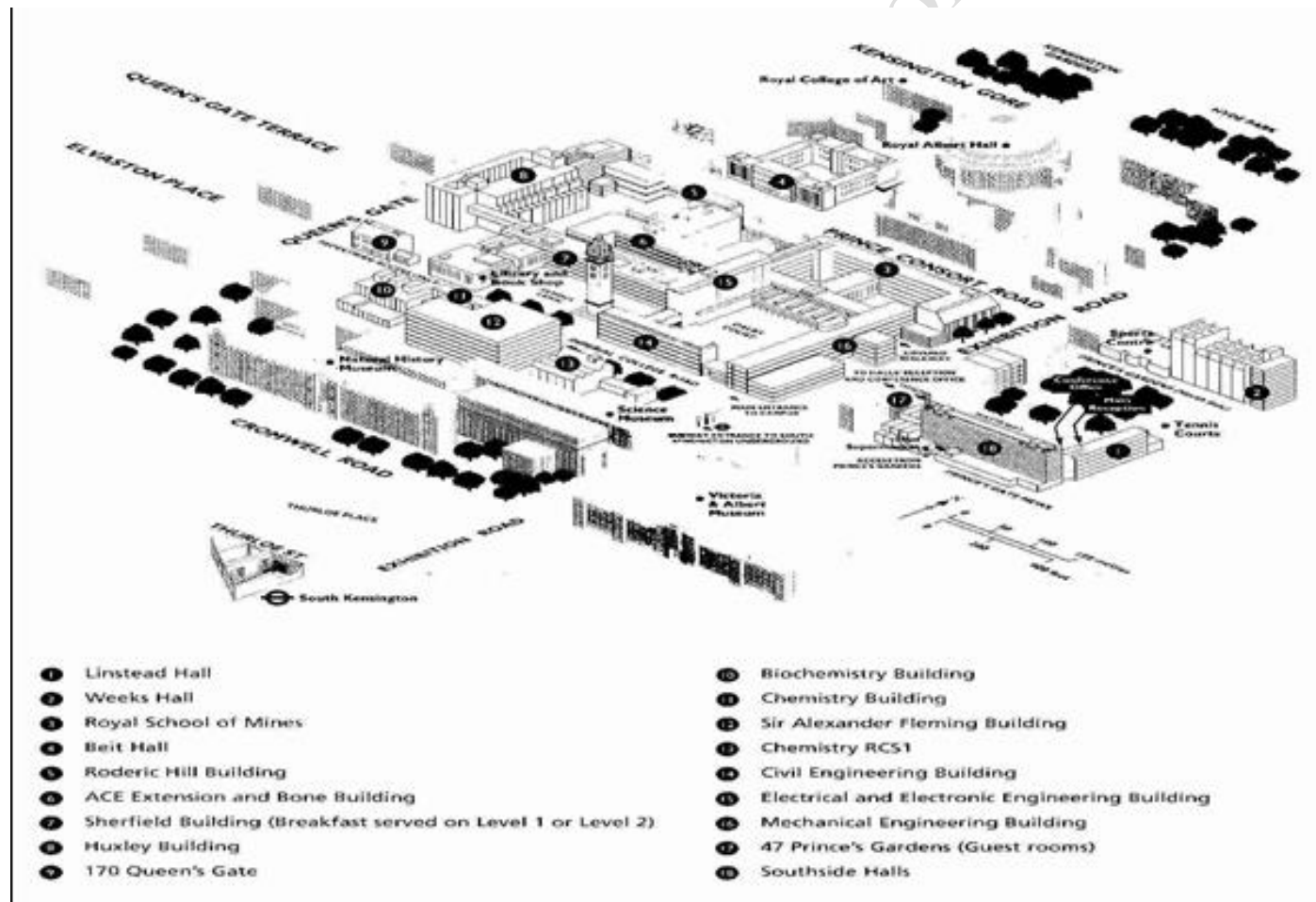
**Dr. Thamir Uqaili**

Independent Consultant, Mississauga, Canada, Reservoir Engineer (BPC), Field Manager (NOC), General Manager (CPO) General Manager Planning Department (MOO), Iraq; Area Reservoir Co-ordinator (North Africa) Repsol, Spain.

## Conference Location and Information

The Conference will be held at and around the Clore Lecture Theatre, accessed via 180 Queens Gate, London SW7 (Building No. 8 in the map below).

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