



Iran section

Tehran: 11-12 Jul 2010 (1389/4/20-21)

Ahwaz: 13-14 Jul.2010 (1389/4/22-23)

# Workshop

## New trends in Managing Fractured Carbonate Reservoirs

### Workshop Description:

In this 2-day short course, First, I will discuss the guidelines that underpin good management of carbonate fractured reservoirs. Then, I will review the principles of depletion planning and resource management. This will be followed by discussion of new simulation techniques to model flow in fractured reservoirs. Discussion of appropriate EOR processes to enhance the reservoir production will be next. Then, I'll discuss the role of new technology in enabling quality surveillance planning and production optimization for such reservoirs. Finally, I will review some successful case histories. Students are expected to participate in the discussion and are encouraged to bring their own examples.

EOR

By:  
**Dr.Fassihi**

(Affiliated with the  
University of  
Houston)

**Deadline:**  
**3/Jul/2010**  
**89/4/12**



Iran section

Tehran: 11-12 Jul 2010 (1389/4/20-21)

Ahwaz: 13-14 Jul.2010 (1389/4/22-23)

# Workshop

## Biography

### Reza Fassihi

Education: 10/77-03/81 Ph.D. in Petroleum Engineering, Stanford University, Stanford, CA  
09/76-10/77 MS in Chemical Engineering, Stanford University, Stanford, CA 10/72-05/76  
BS in Chemical Engineering, Abadan Institute of Technology, Abadan, Iran..

Expertise: Leading activities in the Appraisal , Development and Production phases of  
Enhanced Oil recovery, Unconventional Oil, Resource and Technology Planning

Experience: July 2008-present Unconventional Oil Technology Manager, Exploration and  
Production Technology, bp Houston. Tasked with creating and leading a multi-disciplinary  
team of experts dealing with applying new recovery processes for extracting viscous and  
heavy oil from sandstone, carbonate and fractured reservoirs

Jan 2006-June 08 Team leader, Pushing Reservoir Technical Limits, Explorations  
and Production Technology Group, bp Houston. Led a multidisciplinary team of experts  
(~20) who were involved in studying and supporting global Enhanced Recovery  
activities (tight gas, coal bed methane, waterflooding, LoSal, Bright Water, MEOR, Gas  
Injection).

7/2002-Jan 2006 Global Subsurface Functional Development Manager, Exploration and  
Production Technology, bp, Houston. Led the activities related to the health of discipline  
(assurance, development and technical competency) of staff in the Reservoir Engineering  
and Petrophysics disciplines. Conducted team assessments in Business Units, managed the  
development budget and delivered new offers

**By:**  
**Dr.Fassihi**

(Affiliated with  
the University of  
Houston)

**Deadline:**

**3/Jul/2010**  
**89/4/12**



Iran section

**Tehran: 11-12 Jul 2010 (1389/4/20-21)**

**Ahwaz: 13-14 Jul.2010 (1389/4/22-23)**

## Workshop

**By:  
Dr.Fassihi**

(Affiliated with  
the University of  
Houston)

2/99-6/2002 Pre-Project Manager and Subsurface Team Leader, Middle East Business Unit, BP, Sunbury, UK. Led a multidisciplinary team to assess and capture major oil and gas fields (carbonate, sandstone) in the Middle East. 4/94-1/99 Petroleum Engineering Associate, Amoco Eurasia, Houston, TX. Reservoir Exploitation Project Leader for the Resource Acquisition Group

Worked on assessing and capturing Production and Exploration New Ventures in Russia, Kazakhstan and Azerbaijan (e.g., Sakhalin II, Uzen, Zhanazhol, MMG, Offshore Caspian, Inam, etc.). Led these projects through scoping, development planning, optimization, risk management, and project approval. As Amoco Liaison, attended the commercial and business development activities, e.g., the Reservoir Working Group of Azerbaijan International Oil Consortium (ACG Fields). Coordinated Reserves booking for Amoco Caspian Sea.

10/85-03/94 Staff Research Engineer, Amoco Research Center, Tulsa, OK.

Project coordinator for the West Hackberry Air Injection Project. Member of the Reservoir Management team involved in the development of oil and gas fields subject to gas or water injection (July and October Fields in Egypt, Primrose, Wabasca, in Canada).

Member of the Heavy Oil team responsible for conducting laboratory and simulation studies of steam and air injection. Supported the development of a new high pressure air injection lab. Taught courses on Reservoir Management and Thermal Oil Recovery simulation.

09/81-09/85 Senior Research Engineer, Viscous Oil Recovery Group, ARCO ResourcesTechnology, Plano, TX. Worked on the design, operation and post appraisal of the firstoxygen injection project at the Holt Sand Unit, TX. As a member of the Alaska heavyoil field development team, investigated oil recovery methods for Ugnu and West Sak fields.

**Deadline:  
3/Jul/2010  
89/4/12**

[www.spe-iran.org](http://www.spe-iran.org)

[www.spe.org](http://www.spe.org)



Iran section

Tehran: 11-12 Jul 2010 (1389/4/20-21)

Ahwaz: 13-14 Jul.2010 (1389/4/22-23)

## Registration Form

**Deadline:**

**3/Jul/2010**

**89/4/12**

First Name:

Family Name:

Company/ Institution:

Address:

Town/ City:

Country:

Telephone:

Facsimile:

Email:

Job Title:

### **Registration Fee:**

**SPE Member: 5,500,000**

**Non Member: 6,000,000**

### **Payment by Bank Transfer**

**Make payment to Tejarat Bank, NIOC Branch, Account Name:  
SPE Iran Section Account Number: 274672889**

1389/4/12 :

( ) : :

: SPE