

SPE& NIOC (RTD) TECHNOLOGY WORKSHOP



دکتر عبد النبي هاشمی

زمان :

۲۱-۱۷ / بهمن ماه ۸۸

مهلت ثبت نام:

۸۸/۱۱/۱۲



By:
Dr. Abdol Nabi
Hashemi

Date:
6-10.feb.2010

Deadline :
1.Feb.2010

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Biography

Education:

-PhD in Petroleum Engineering, Imperial College London, UK. Dec. 2002-April 2006

PhD Thesis subject: "Evaluation of Horizontal Gas-Condensate Wells Using Pressure Transient Analysis and

Compositional Simulation"

Research project under supervision of Professor Alain C. Gringarten

-MSc in Petroleum Engineering (With Distinction), Imperial College London, UK, 2000-2001

MSc Thesis Subject: "High Pressure- High Temperature Well Test Interpretation Jade Field, UKCNS/Phillips Petroleum Company"

BSc in Petroleum Engineering, Petroleum University of Technology, Ahwaz, Iran, 1986-1991

BSc Thesis subject: " Petrophysical Evaluation of Naturally Fractured Reservoirs

Careers:

□ Petroleum University of Technology, Ahwaz, Iran 2006-date

-Assistant Professor of Petroleum Engineering

National Iranian Oil Company (N.I.O.C) 1991-2002

-Head Directional and Horizontal Drilling Department (National Iranian Drilling Company): 2002

-Drilling Programs Project Leader: 1996-2001

-Senior Drilling Engineer: 1995

-Wellsite Superintendent (Company Man): 1992-1994

-Drilling Trainee: 1991

Phillips Petroleum Company, Woking, UK, 2001

-Cooperated in reservoir study of a gas condensate field, as a part of MSc degree completion

Honours and Awards:

-NIOC full Scholarship for BSc course in Petroleum Engineering at PUT (1986-2001)

-NIOC full Scholarship for MSc course in Petroleum Engineering at Imperial College London (2000)

-Distinction in MSc studies, Imperial College London, UK (2000-2001)

Teaching Experiences

Flow in Porous Media and Well Test Analysis _ Drilling Engineering (1)

Courses designed for BSc Program at Petroleum University of Technology, Ahwaz, Iran, 2007, 2008, 2009

Fundamentals of Drilling Engineering

Course Designed for MSc Program, Heriot Watt & Sharif Universities Dual Degree Joint Program, Tehran, Fall 2006

Fundamentals of Drilling Engineering

Course designed for MSc Program, Curtin & PUT Universities Dual Degree Joint Program, Tehran, Spring 2007

Joint Industry Projects

Directing 3 Academic-Industry Joint Research Projects:

1. Feasibility Study of Gas Recycling in Naturally Fractured Gas Condensate Reservoirs – South Zagros: Sponsored by: Iranian Central Field Oil Company, Start date February 2008- Currently 90% in progress

2. Use of Deconvolution for Analysing Transient Pressure Tests: Sponsored by NIOC Research and Technology, Start date: May 2008, currently 50% in progress

3. Basic Studies of Behavior of Iranian Giant Gas- Condensate Reservoirs and Determination of the Optimum

Recovery Scenario for each Field Based on Its Specific Rock and Fluid Properties- Phase 1: Evaluation of Pressure Transient and Flow Tests in South Pars Field Using New Analytical and Numerical Models. Sponsored by NIOC Research and Technology, Start date: September 2008, currently 30% in progress

Professional Skills:

Pressure transient analysis, Reservoir simulation, Compositional modeling, Drilling engineering and well Designs, Directional and horizontal drilling

Languages: Native languages: Persian (Farsi), English (Fluent), Arabic

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Professional Experience:

Drilling Engineering

-Involved and supervision of drilling programs and operation of more than 300 oil or gas wells in south of Iran during more than 10 years experience in rig-sites and engineering offices
Expertise in well design and directional and horizontal drilling

Reservoir Engineering

- Well test analysis and reservoir simulation of a relatively big gas-condensate field which is develop
- By several horizontal wells, Gaz de France and Imperial College (Joint Industry Project)
- Study and simulation of Maureen filed in North Sea (Imperial College London, MSc group project)
- Well test analysis and reservoir simulation of Jade field UKCNS, Phillips Petroleum Company, MSc Individual project

IT Skills:

- Reservoir Simulation: Eclipse-100, 300, Flo-Grid, PVTi (Geoquest, Schlumberger)
Well Test Analysis: Interpret 2003 (Paradigm), Pan System (Weatherford), Saphir (kappa), Pie (Well Test Solutions)
- Drilling: Drilling Office (Schlumberger)
- General: Windows 98/2000/XP, Fortran programming, Microsoft office

Publications:

- (1) A. Hashemi, M. Sadooni and H. Parvizi "Analysis of Capillary Number Effects on Gas Condensate Reservoir Performance Based on an Iranian Gas-Condensate Reservoir Data" paper presented at the Gas Field Development and Processing Symposium, 27-29 October 2008 Kuwait.
- (2) M. Sadooni, K. Shahbazi, A. Hashemi, and M. R. Abdali "Evaluation of Gas, Water, WAG Injections, and Infill Wells for Improving Recovery of One of Iranian Reservoirs" paper SPE 116912, presented at the 2008 Abu Dhabi International Petroleum Exhibition and Conference held in Abu Dhabi, UAE, 3-6 November 2008.
- (3) A. Hashemi and A. C. Gringarten: "Well Test Analysis of Horizontal Wells in Gas-Condensate Reservoirs" SPE Reservoir Engineering and Evaluation journal Feb. 2006
- (4) A. Hashemi and Alain C. Gringarten: "Comparison of Well Productivity between Vertical, Horizontal and Hydraulically Fractured Wells in Gas-Condensate Reservoirs," Paper SPE 94178 presented at the 14th Europe Biennial Conference held in Madrid, Spain, 13-16 June 2005
- (5) A. Hashemi, A. C. Gringarten and L. Nicolas: "Well Test Analysis of Horizontal Wells in Gas-Condensate Reservoirs" Paper SPE 89905, Presented at the 2004 SPE Annual Technical Conference and Exhibition, Houston, Texas, 26-29 September
- (6) A. C. Gringarten, A. Hashemi et al.: Well Test analysis in Low Permeability Multilateral wells," paper SPE 10686 presented at the International Petroleum Conference, Doha, Qatar, 21-23 November 2005
- (7) A.C. Gringarten, A. Hashemi and M. Bozorgzadeh, S. Daungkaew: "Well Test Analysis in Gas Condensate Reservoirs: Theory and Practice, paper SPE 10685 presented at the International Petroleum Conference, Doha, Qatar, 21-23 November 2005
- (8) Abdolnabi Hashemi: "Multilateral Wells- A Driller's Dream & Reservoir Engineer's Nightmare-or Vice-versa?" a scribe's report of the SPE Applied Technology Workshop, 1-3 December 2004, Harrington Hall, London, UK
- (9) A. Hashemi: "Challenges of Development new Ahvaz Bangestan Oil Wells", 1999, National Iranian South Oil Company internal publication"
- (10) A. Hashemi: "Optimum Casing Design for Ahvaz Bangestan Oil Well Production Casings" 1997, National Iranian South Oil Company internal publication

