

## TECHNICAL PUBLICATIONS & BOOKS PRESENTED/PUBLISHED

### BOOKS

**GOMES J.S.** (2012): “Main Software Applications Used in the Oil & Gas Industry”; 82 page booklet, sponsored by PI, to be distributed during ADIPEC 2012; in press at the moment.

**GOMES J.S.** (2010): “Acronyms Used in the Oil & Gas Industry”; 45 page booklet, sponsored by Partex Oil & Gas.

**GOMES J.S. & ALVES, F.B.** (2007): “O Universo da Indústria Petrolífera”; 697 page University textbook about the Oil Industry (Upstream & Downstream) published in Dec 2007 by Calouste Gulbenkian Foundation, Lisbon, Portugal. ISBN 978-972-31-1228-3; 2<sup>nd</sup> edition (revised and amplified) published in 2012.

### BOOK CHAPTERS

SOROKA, W.L., MELVILLE, P., KLEISS, E., AL-JENAIBI, M., HAFEZ H., AL-JEELANI A., MODAVI A., **GOMES, J.S.** – Successful 4D Monitoring of Saturation Changes in a Giant Middle Eastern Carbonate Reservoir: ADCO Phase 1 4D Pilot Results, in Methods and Applications in Geophysics, edited by David H. Johnston (Investigation in Geophysics No 15), published by Society of Exploration Geophysics in 2010, ISBN 978-0-931830-46-4

### PUBLICATIONS PRESENTED AT CONFERENCES

KUYKEN, C., AL-BAKR, S., ABU AISHAH A. N., EL-HADIDY K., EL-REYAMI, M., **GOMES J.S.**, JAMES, R., HAHNE U., - Planning and Execution of the Longest Horizontal Well in ADCO, paper SPE/IADC 148034 presented at the SPE/IADC Middle East Drilling Technology Conference and Exhibition held in Muscat, Oman, 24–26 October 2011.

**GOMES J.S.**, RIBEIRO M.T., STROHMENGER.C. J., NEGAHBAN, S., ZUBAIR, M, (2008): Carbonate Reservoir Rock Typing – The Link between Geology and SCAL. Paper SPE 118284, presented at the 2008 ADIPEC International Petroleum Exhibition & Conference, Abu Dhabi, UAE, 3-5 Nov 2008. Received ADCO internal award for best paper.

**GOMES J.S.**, RIBEIRO M.T., NEGHABAN, S., DABBOUR Y., BAHMAISH, J., ZABOROWSKI, G. (2006): The Role of Geomechanics at Early Stages of Field Development – A Case Study. Paper SPE 101425, presented at the 12<sup>th</sup> ADIPEC International Petroleum Exhibition & Conference, Abu Dhabi, UAE, October 2006.

**GOMES J.S., S. SOENARWI, REBELLE, M.J.M., RIBEIRO M.T., DABBOUR, Y., Al-Marzouqi, K., PETRICOLO, M., FERRARIS, M., (2004):** Low-Resistivity Pay Carbonate Reservoir, Lower Cretaceous, Abu Dhabi, U.A.E. Presented at the GEO2004 6<sup>th</sup> Middle East GeoSciences Conference and Exhibition, Bahrain, 7-10 March 2004.

**GOMES J.S., RIBEIRO M.T., FOUCHARD P., TWOMBLEY B., JAMAL (2002):** Geological Modelling of a Tight Carbonate Reservoir for Improved Reservoir Management of a Miscible WAG Injection Project with Horizontal Wells, Northeast of Abu Dhabi, U.A.E. Paper SPE 78529 presented at the 10<sup>th</sup> ADIPEC International Petroleum Exhibition & Conference, Abu Dhabi, UAE, October 2002.

MOSLEH K., AYOUB, M. R., **GOMES J.S., AKBAR, M., CHAKRAVORTY, S., (2002):** The Judicious Application of Oil-Based Imaging Logs and Inverse Geologic Modelling to Assist the Geosteering of a Horizontal Well: A Case Study from an Abu Dhabi Carbonate Reservoir, UAE. Poster presented at the GEO2002 5<sup>th</sup> Middle East GeoSciences Conference and Exhibition, Bahrain, 15-17 April 2002.

**GOMES J.S., (2001):** Reservoir Description of the Arab-C Dukhan Carbonate Reservoir for Improved Reservoir Management and Use as a Subsurface Analogue. Published PhD Thesis, submitted to the Department of Petroleum Engineering, Heriot-Watt University, Edinburgh, Scotland

**GOMES J.S., Roethl H., Abdulatif A., (2000):** Probe Permeametry on Sarir Sandstones (Messla Field). Paper presented at the 1st Symposium & Exhibition of Well Log Analysis & Formation Evaluation (WLA/FE), Dat El-Emad Conference Center, Tripoli, Libya, 29-31 October, 2000.

CORBETT P., and **GOMES J.S., (2000):** Variation in Permeability in a Middle East Carbonate Reservoir. Poster presented at the SCA symposium in Abu Dhabi 18-20 of October, 2000.

**GOMES J.S., and CORBETT P. (2000):** Permeability Measurement in Carbonates. Presented at the seminar on Carbonate Reservoir Characterisation convened by the London Petrophysical Society on 9th February 2000 at the Geological Society, Burlington House, Piccadilly, London

**GOMES J.S., TRABELSI A. (1998):** Challenges in Carbonate Reservoir Characterisation by Integrating Horizontal Well data: A Case Study from Dukhan Arab-C Reservoir, Qatar, Middle East. Presented at GEO98 Bahrain.

**GOMES** J.S., CORBETT P. (1998): Poster Presentation – Challenges in Carbonate Reservoir Characterisation in the Arab-C Reservoir, Dukhan Field, Qatar. Presented at Petroleum Group Conference on Characterization of Carbonate Reservoirs, organized by the Geological Society of London.

**GOMES** J.S., Yuen B. (1997): Building 3D Geological Models for Reservoir Simulation – A New Approach. Al-Mash'Al QGPC In-house Magazine.

TYSON L., **GOMES** J.S., AL-BADR A.H. (1996): New Life for a Mature Field Through the Judicious Application of Technology. Arab-D, Dukhan Field Qatar. SPE Paper 36228, presented at the 7<sup>th</sup> ADIPEC International Petroleum Exhibition & Conference, Abu Dhabi, UAE

**GOMES**, J.S. (1995): Successful Monitoring of Horizontal Wells Using Computer Mapping Facilities. The Second Petroleum Computer Conference, SPE Egyptian Section, Cairo, Egypt.

**GOMES**, J.S. (1991): The Effects of Bedding, Sample Orientation and Hole Deviation on the Assessments of m and Sw. Unpublished M.Eng Thesis, Department of Petroleum Engineering, Heriot-Watt University, Edinburgh, Scotland. Received 1<sup>st</sup> prize from SPE (European Competition).

**Note: The above list contains only the public available information. It does not contain many technical reports/studies prepared by myself or jointly with other colleagues, while working for the Oil & Gas companies. Because of its confidentiality, these documents are not listed here.**