

6

Referências bibliográficas

- [1] Global Trends 2015: A Dialogue About the Future With Non-government Experts. National Intelligence Council. December 2000.
- [2] World Energy in 2006. World Energy Council. June 2006
- [3] Rosas, A. J.; Carvalho, R. S.; Xavier, J.A.D. Engenharia de Reservatórios de Petróleo. Rio de Janeiro: Interciência Petrobrás, 2006.
- [4] M. Paris de Ferrer. Inyección de agua y gas en yacimientos petrolíferos, Ediciones Astro Data S. A., Maracaibo, Venezuela, 2001.
- [5] P. Janssen. Characterization of Oil in Water Mixtures Produced in High-Watercut Oil Wells. PhD thesis, Delft University of Technology, June 2000.
- [6] Van der Zande, M. J.; Currie, P. K.; Droplet break-up in turbulent oil-in-water flow through a restriction. PhD Thesis, TU Delf University of Technology, 2000.
- [7] Dalmazzone C., 2000 “Génération Mécanique des Émulsion”, Oil & Gas Science and Technology – Rev. IFP, Vol. 55, No. 3, pp. 281 – 305.
- [8] Kokal., S. Quantifications of various factors affecting emulsion stability: Water-cut, temperature, shear, asphaltene content, demulsifier dosage, and mixing different crudes. SPE, 56641, 1999.
- [9] Becher P., 1967, “Effect of Preparation Parameters on Initial Size Distribution Function in Oil-in-Water Emulsions”, Journal of Colloid and Interface Science, Vol. 24, No 1, pp. 91-96.
- [10] C. Noik et al. Characterization and emulsion behavior of Athabasca extra-heavy-oil produced. SPE/PS-CIM/CHOA 97748, PS2005-34: 675-688, 2005.

- [11] Sarbar, M.A.; Wingrove, M.D.; Physical and chemical characterization of Saudi Arabian crude oil emulsion. SPE, 38817: 675 – 685, 1997.
- [12] Cobos U. S. Escoamento de Emulsões Óleo em Água através de Capilares com Garganta. Tese de Doutorado, DEM, PUC-Rio, 2007.
- [13] Del Aguila M. Escoamento de Emulsões Óleo em Água através de Microcapilares. Dissertação de Mestrado, DEM, PUC-Rio, 2008.
- [14] Becher P. e Schuster D., 1985, “Encyclopedia of Emulsion Technology: Applications”, Vol.2, Marcel Dekker INC., New York, U.S.A., 536 p.
- [15] Becker P.R., 1997, “Crude oil waxes, emulsion, and asphaltenes”, Penn Well Publishing Company, Oklahoma, U.S.A., 276 p.
- [16] Myers, D., 2005, “Surfactant Science and Technology”, Wiley-Interscience, New Jersey, U.S.A., 400 p.
- [17] Rondon M., Bouriat P., Lachaise J. and Salager J.L., 2006, “Breaking of Water-in-Crude Oil Emulsions. 1. Physicochemical Phenomenology of Demulsifier Action”, Energy & Fuels, Vol.20, No. 4, pp. 1600-1604.
- [18] Peña B. T. Geração de Emulsões durante a Produção de Petróleo. Tese de Doutorado, DEM, PUC-Rio, 2007.
- [19] Becher, P. Emulsion Theory and Practice. 3. ed. New York: Oxford University Press, 2001.
- [20] Davies, G.A.; Nilsen, F.P.; Gramme, P.E. 1996 “The Formation of Stable Dispersions of Crude Oil and Produced Water: The Influence of Oil Type, Wax et Asphaltene Content”, in Proc. of SPE Annual Technical Conference and Exhibiton, Denver, Colorado, 6-9 october, 163 – 171.
- [21] Leibniz Institute of Polymer Research Dresden. Disponível em: <<http://www.ipfdd.de/Dispersions-and-emulsions.1142.0.html?&L=0>>. Acesso em: 20 mai. 2009.
- [22] Fox, R. J.; Mc Donald, A. T. Introdução à Mecânica dos Fluidos. Rio de Janeiro: LTC Editora, 1998.
- [23] Koederitz, L. F.; Harvey, A. H.; Honarpour, M. Introduction to Petroleum Reservoir Analysis. Houston, Tex.: Gulf Pub.Co, 1989.

- [24] Rideal, K. E. *An Introduction to Surface Chemistry*. Cambridge U. Press, Cambridge, London, 1926.
- [25] Birdi, K. S. *Self – Assembly Monolayer Structures of Lipids and Macromolecules at Interface*. New York: Kluwer Academic/Plenum Publishers, 1999.
- [26] Kistler, S. F.; Schweizer, P. M. *Liquid Film Coating- Scientific principles and their technological implications*. 1. ed. Great Britain: Cambridge University Press, 1997.
- [27] Prud'homme, R. Khan, S. A. *Foams: Theory, Measurements and Applications*. New York: Marcel Dekker Inc, 1996.
- [28] Schramm, L. S. *Emulsions: Fundamentals and Applications in the Petroleum Industry*. Washington, DC: American Chemical Society, 1992.
- [29] W. L. Olbricht. Pore-scale prototypes of multiphase flow in porous media. *Annual Review in Fluid Mechanics*, 28:187–213, 1996.
- [30] R. A. Bruijn. Tipstreaming of drops in simple shear flows. *Chemical Engineering Science*, 48(2):277–284, 1993.
- [31] D. M. Kung., W. L. Olbricht. The deformation and break-up of liquid drops in low Reynolds number flow through a capillary. *Physical Fluids A*, 4(7):1347-1354, 1992.
- [32] Sjöblom, J. et al. Our current understanding of water-in-crude oil emulsions. Recent characterization techniques and high pressure performance, *Advances in Colloid and Interface Science* 100 –102 (2003), pp. 399–473.
- [33] Syringe Pumps – Cole-Parmer. Disponível em: <http://www.coleparmer.com/catalog/product_view.asp?sku=7490300>. Acesso em: 18 out. 2009.
- [34] Malvern Instruments. Disponível em: <http://www.malvern.com/LabEng/technology/images/mastersizer_submicron_particle_size.png>. Acesso em: 24 set. 2009.

- [35] Petrobrás. Disponível em:
<http://www2.petrobras.com.br/tecnologia/port/boletim_tecnico/v42_n1-4_jan-dez-1999/pdf/9difracao.PDF>. Acesso em: 20 fev. 2010.