DAFTAR PUSTAKA

Ahmed, Tarek. (2006). "*Reservoir Engineering Handbook*: *Third Edition"*. Oxford: Gulf Professional Publishing. p. III-169, IV-190, IV-227.

Aladasani, Ahmad. (2012). "*Updated of EOR Screening Criteria and Modeling the Impacts of Water Salinity Changes on Oil Recovery*". U.S.A: SPE Production and Operations Symposium.

Al Bahar, M. A., R. Merrill, W. Peake, M. Jumaa, and R.Oskui. (2004). "*Evaluation of IOR Potential within Kuwait*".Abu Dhabi Int. Conf. Exhib.

Alpandi, A. H., Inasyah, F. A., Sidek, A., Husin, H., Junin, R., & Jaafar, M. Z. (2021). "*Critical micelle concentration, interfacial tension and wettability alteration study on the surface of paraffin oil-wet sandstone using saponin*". IOP Conference Series: Materials Science and Engineering, 1153(1), 012018.

Al Sulaimani, H., Al-Wahaibi, Y., Ai-Bahry, S., Elshafie, A., Al-Bemani, A., Joshi, S., & Ayatollahi, S. (2012). "*Residual-oil recovery through injection of biosurfactant, chemical surfactant, and mixtures of both under reservoir temperatures: Induced-wettability and interfacial-tension effects*". SPE Reservoir Evaluation and Engineering, 15(2), 210–217.

Az zahra, N., Lestari, L., & Pramadika, H. (2019). "*Pengaruh Penambahan Larutan Surfaktan Pada Larutan Polimer Terhadap Tegangan Antarmuka Dan Viskositas*". PETRO:Jurnal Ilmiah Teknik Perminyakan, 8(2), 71–74.

Baskoro, Kunto, I., Leksono, M. (2012). "*Analisis Pengaruh Perubahan Konsentrasi Surfaktan Dan Soaking Terhadap Faktor Perolehan Minyak Dari Model Satu Dimensi Reservoir Sandstone Dengan Metode Core Flooding*". Bandung: Institut Teknologi Bandung.

B. Vonnegut. (1942). "*Spinning Drop* Tensiometer". Sci. Instrum. 13 (6) (1942) 6–9.

Blunt, M., Fayers, F.J., Orr, F.M. (1993). "*Carbon dioxide in enhanced oil recovery*". Energy Convers. Manag. 34, 1197–1204.

Chen, L., & Bonaccurso, E. (2014). "*Effects of surface wettability and liquid viscosity on the dynamic wetting of individual drops*". Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 90(2).

Daubert, T.E.; Danner, R.P.E (1997). "*API Technical Data Book—Petroleum Refining*". American Petroleum Institute (API): Washington, DC, USA.

Davies, J.T. (1957). "*A Quantitative Kinetic Theory Of Emulsion Type, I. Physical Chemistry Of The Emulsifying Agent*". Gas/Liquid And Liquid/Liquid Interface, Proceedings Of The International Congress Of Surface Activity. p.431.

De, S., Malik, S., Ghosh, A., Saha, R., & Saha, B. (2015). "*A review on natural surfactants*". RSC Advances, 5(81), 65757–65767.

Ezzat. E., Gomaa. (1995). "*Enhanced Oil Recovery Concepts and Mechanism*". In House Training Course EOR – Pertamina EP, Jakarta, 26-28 Okt. p. 8, 10.

Gbadamosi, A. O., Junin, R., Manan, M. A., Agi, A., & Yusuff, A. S. (2019). "*An overview of chemical enhanced oil recovery: recent advances and prospects*". In International Nano Letters (Vol. 9, Issue 3). Springer Berlin Heidelberg.

Green, D., & Willhite, G. (2018). "*Enhanced Oil Recovery, Second Edition*". Society of Petroleum Engineers.

Haq, B., Liu, J., Liu, K., Al Shehri, D. (2020). "*The role of biodegradable surfactant in microbial enhanced oil recovery*". J. Petrol. Sci. Eng. 189, 106688.

Höök, M., Davidsson, S., Johansson, S., Tang, X. (2014). "*Decline and depletion rates of oil production: A comprehensive investigation*". Philos. Trans. R. Soc. Lond.Ser. A Math. Phys. Eng. Sci. 372, 20120448.

Joshi, S.J., Geetha, S.J., Desai, A.J. (2015). "*Characterization and application of bio-surfactant produced by bacillus licheniformis R2*". Appl. Biochem. Biotechnol.177, 346–361.

Kamal, M.S., Hussein, I.A., Sultan, A.S. (2017). "*Review on surfactant fooding: phase behavior, retention, IFT, and feld applications*". Energy Fuels 31, 7701–7720.

Karnanda, W., Benzagouta, M. S., AlQuraishi, A., & Amro, M. M. (2013). "*Effect of temperature, pressure, salinity, and surfactant concentration on IFT for surfactant flooding optimization*". Arabian Journal of Geosciences, 6(9), 3535–3544.

Karatayev, M., Movkebayeva, G., Bimagambetova, Z. (2019). "*In: Mouraviev, N, Koulouri, A. (Eds.), Increasing Utilisation of Renewable Energy Sources: Comparative Analysis of Scenarios Until 2050 BT - Energy Security: Policy Challenges and Solutions for Resource Efficiency*". Springer International Publishing, Cham, pp. 37–68.

Koesoemadinata, R. P. (1980). "*Geologi Minyak-Dan Gasbumi : Edisi Kedua*". Bandung : Penerbit ITB. p. 81-83, 87.

Kornilov, A., Zhirov, A., Petrakov, A., Rogova, T., Kurelenkova, Y., Afanasiev, I., Sansiev, G., Fedorchenko, G., Fursov, G., Kubrak, M., Altmann, T., Lichterfeld-Weber, N., Bittner, C., Oetter, G., & Helwig, E. (2020). "*Selection of effective surfactant composition to improve oil displacement efficiency in carbonate reservoirs with high salinity formation water*". Society of Petroleum Engineers - SPE Russian Petroleum Technology Conference, RPTC.

Kristanto, Dedy. (1999). "*Pengurasan Minyak Tahap Lanjut (Enhanced Oil Recovery)*". Yogyakarta: UPN "Veteran" Yogyakarta.

Kumar, R. S., Chaturvedi, K. R., Iglauer, S., Trivedi, J., & Sharma, T. (2020). "*Impact of anionic surfactant on stability, viscoelastic moduli, and oil recovery of silica nanofluid in saline environment*". Journal of Petroleum Science and Engineering, 195, 107634.

Lake, Larry W. (1989). "*Enhanced Oil Recovery*". Englewood Cliffs : PrenticeHall, Inc, pp. 133-137.

Liu, Z., Hedayati, P., Sudhölter, E.J.R., Haaring, R., Shaik, A.R., Kumar, N. (2008). "*Adsorption behavior of anionic surfactants to silica surfaces in the presence of calcium ion and polystyrene sulfonate*". Colloids Surf. A 602, 125074.

Liu, M., Wu, Y., Zhang, L., Rong, F., & Yang, Z. (2018). "*Mechanism of viscosity reduction in viscous crude oil with polyoxyethylene surfactant compound system*". Petroleum Science and Technology, 37(4), 409–416.

Miquilena, A., Coll, V., Borges, A., Melendez, J., Zeppieri, S. (2010). "*Influence of Drop Growth Rate and Size on the Interfacial Tension of Triton X-100 Solutions as a Function of Pressure and Temperature*" Int. J. Thermophys., vol. 31, no. 11–12, pp. 2416–2424.

Molchanov, V. S., Shashkina, Y. A., Philippova, O. E., & Khokhlov, A. R. (2005). "*Viscoelastic properties of aqueous anionic surfactant (potassium oleate) solutions*". Colloid Journal, 67(5), 606–609.

Murni. R, Suparjo, Akmal dan B.L. Ginting. (2008). "*Teknologi Pemanfaatan Limbah untuk Pakan*". Buku Ajar. Fakultas Peternakan. Universitas Jambi. Jambi.

Myers, Drew. (2006). "*Surfactant and Science and Technoloy 3rd ed*". United States of America: Wiley Interscience A jhon Wiley & Sons, Inc., Publication.

Naseri N., Ajorlou E., Asghari F., Pilehvar-Soltanahmadi Y. (2018). "*An update on nanoparticle-based contrast agents in medical imaging*". Artif. Cells Nanomed. Biotechnol., 46, pp. 1111-1121.

Negin, C., Ali, S., & Xie, Q. (2017). "*Most common surfactants employed in chemical enhanced oil recovery*". Petroleum, 3(2), 197–211.

Nopianto, Eko, Erliza Hambali, P. S. (2011). "*An Experimental Study of Surfactant MES (Methyl Ester Sulfonates) from Palm Stearin for Enhanced Water Flooding*".

Nowak, E., Kovalchuk, N. M., Che, Z., & Simmons, M. J. H. (2016). "*Effect of surfactant concentration and viscosity of outer phase during the coalescence of a surfactant-laden drop with a surfactant-free drop*". Colloids and Surfaces A: Physicochemical and Engineering Aspects, 505, 124–131.

Olajire, A.A. (2014) "*Review of ASP EOR (alkaline surfactant polymer enhanced oil recovery) technology in the petroleum industry: prospects and challenges*". Energy 77, 963–982.

Pamungkas, J., Budiharjo Sulistyarso, H., Widiyaningsih, I., & Damayanti, H. (2021). "*Core Flooding Experiment to Increase Recovery Factor Using "U-Champ" Biosurfactant*". SCIREA Journal of Physics.

Reed, R. L., Healy, R. N., Stenmark, D. G. and Gale, W. W. (1975). "*Recovery of Oil Using Microemulsions*" U.S. Patent No. 3,885,628.

Rosen, M. J., and J. T. Kunjappu. (2012). "*Surfactants and interfacial phenomena*". 4th edn. New York: Elsevier.

ShamsiJazeyi, H., Miller, C.A., Wong, M.S., Tour, J.M., Verduzco, R. (2014). "*Polymer-coated nanoparticles for enhanced oil recovery*". J. Appl. Polym. Sci. 131, 1–13.

Sheng JJ. (2011). "*Modern Chemical Enhanced Oil Recovery:Theory and Practice*". 30 Corporate Drive, Suite 400. Burlington, MA 01803, USA. Gulf Professional Publishing is an imprint of Elsevier.

Sudarmoyo, Swadesi, B., Andini, A. N., Siregar, S., Kurnia, R., Buhari, A., & Budiaman, I. G. S. (2018). "*Laboratory study: The development of a sodium lignosulfonate (SLS) surfactant formulation for light oil reservoir to improve oil recovery*". AIP Conference Proceedings.

Sulistyarso, H.B., Pamungkas, J., Gusmarwani, S.R. & Wahyuningsih, T., (2019). "*Aplikasi Biosurfaktan dalam Upaya Peningkatan Perolehan Minyak Tahap Lanjut: Uji Laboratorium pada Sampel Sumur KW-58*". Yogyakarta:

Prosiding SNCPP 2019 “Pengembangan Ristek dan Pengabdian Menuju Hilirisasi Industri” LPPM UPN “Veteran” Yogyakarta.

Sulistiyarso., H. B., Pamungkas, J., Sri Rahayu Gusmawarni, & Widiyaningsih., I. (2021). “*Optimasi Biosurfaktan “U - Champ” Dalam Upaya Peningkatan Perolehan Minyak Tahap Lanjut*”. Lembaga Penelitian dan Pemberdayaan Masyarakat, Universitas Pembangunan Nasional “Veteran” Yogyakarta.

Taber, J.J. (1997). “*Introduction to Screening Criteria and Enhanced Recovery Field Projects*”. New Mexico : Petroleum Recovery Research Center.

Torres, L., Moctezuma, A., Avendaño, J. R., Muñoz, A., & Gracida, J. (2011). “*Comparison of bio- and synthetic surfactants for EOR*”. Journal of Petroleum Science and Engineering, 76(1–2), 6–11.

Van Dyke, M. I., Couture, P, Brauer, M., Lee, H., Trevors, J. T. (1993). *“Pseudomonas aeruginosa UG2 rhamnolipid biosurfactants: structural characterization and their use in removing hydrophobic compounds from soil*”. Can. J. MicrobioI. 39, 1071-1078.

Viades-Trejo, J., & Gracia-Fadrique, J. (2007). “*Spinning Drop Method From YoungLaplace to Vonnegut*”. Colloids And Surfaces A: Physicochemical And Engineering Aspects, 302(1-3), 549–552.p.550.

Winsor, P. (1948). “*Hydrotropy, solubilisation and related emulsification processes*”. Trans. Faraday Soc. 44, 376–398

Zaki, N. N., Ahmed, N. S., & Nassar, A. M. (2000). “*Sodium lignin sulfonate to stabilize heavy crude oil-in-water emulsions for pipeline transportation*”. Petroleum Science and Technology, 18(9–10), 1175–1193.

Ziegler, V. M., & Handy, L. L. (1981). “*Effect of Temperature on Surfactant Adsorption in Porous Media*”. Society of Petroleum Engineers Journal, 21(2), 218–228.

Zulkifli, N.N., Mahmood, S.M., Akbari, S., Manap, A.A.A., Kechut, N.I., Elrais, K.A. (2020). “*Evaluation of new surfactants for enhanced oil recovery applications in high-temperature reservoirs*”. J. Pet. Explor. Prod. Technol. 10, 283–296.