DAFTAR PUSTAKA

Adachi, Y., Lu, B.C.-Y., and Sugie, H., A four-parameter equation of state, Fluid Phase Equilib. 11, 29–48, 1983.

American Petroleum Institute, Technical Data Book—Petroleum Refining, API, New York, 1982.

American Petroleum Institute, Technical Data Book—Petroleum Refining, API, New York, 1982.

ASTM D6869-03 Standard Test Method for Coulometric and Volumetric Determination of Moisture in Plastics Using the Karl Fischer Reaction (the Reaction of Iodine with Water), 2011.

Benedict, M., Webb, G.R., and Rubin, L.C., An empirical equation for thermodynamic properties of light hydrocarbons and their mixtures. I. Methane, ethane, propane and butane, J. Chem. Phys. 8, 334–345, 1940.

Bergman, D.F., Tek, M.R., and Katz, D.L., Retrograde Condensation in Natural Gas Pipelines, Monograph Series, American Gas Association, New York, 1975.

Chapman, W.G., Gubbins, K.E., Jackson, G., and Radosz, M., New reference equation of state for associating liquids, Ind. Eng. Chem. Res. 29, 1709–1721, 1990.

Chapman, W.G., Jackson, G., and Gubbins, K.E., Phase equilibria of associating fluids: Chain molecules with multiple bonding sites, Mol. Phys. 65, 1057–1079, 1988.

Curvers, J. and van den Engel, P., Gas chromatographic method for simulated distillation up to a boiling point of 750°C using temperature programmed injection and high temperature fused silica wide-bore columns, J. High Resolution Chromatogr. 20, 16–22, 1989.

Dahl, S. and Michelsen, M.L., High-pressure vapor-liquid equilibrium with a

UNIFAC-based equation of state, AIChE J. 36, 1829–1836, 1990.

Donohue, M.D. and Vimalchand, P., The perturbed-hard-chain theory. Extensions and applications, Fluid Phase Equilib. 40, 185–211, 1988.

Gozalpour, F., Danesh, A., Tehrani, D.H., Todd, A.C., and Tohidi, B., Predicting reservoir fluid phase and volumetric behavior from samples contaminated with oil-based mud, SPE 78130, SPE Reservoir Eval. Eng. 197–205, June 2002.

Graboski, M.S. and Daubert T.E., A modified Soave equation of state for phase equilibrium calculations. 1. Hydrocarbon systems, Ind. Eng. Chem. Process Des. Dev. 17, 443–448, 1978.

Gross, J. and Sadowski, G., Perturbed-chain SAFT: An equation of state based on perturbation theory for chain molecules, Ind. Eng. Chem. Res. 40, 1244–1260, 2001.

Hadsbjerg, C., Christensen, A.A., and Tybjerg, P.C.V., A study of the perturbed chain statistical associating fluid theory, Mid-Term Project, The Technical University of Denmark, 2005.

Hoffmann, A.E., Crump, J.S., and Hocott, C.R., Equilibrium constants for a gas condensate system, Petroleum Transactions, AIME 198, 1–10, 1953.

Jhaveri, B.S. and Youngren, G.K., Three-parameter modification of the Peng-Robinson equation of state to improve volumetric predictions, SPE Res. Eng. 1033–1040, August 1988.

Katz, D.L. and Firoozabadi, A., Predicting phase behavior of condensate/crude-oil systems using methane interaction coefficients, J. Petroleum Technol. 20, 1649–1655, 1978.

Khashayar, N. and Moshfeghian, M., A saturated density equation in conjunction with the Predictive-Soave-Redlich-Kwong equation of state for pure refrigerants on LNG multicomponent systems, Fluid Phase Equilib. 153, 231–242, 1998.

Knapp, H.R., Doring, R., Oellrich, L., Plocker, U., and Prausnitz, J.M., Vapor-

liquid equilibria for mixtures of low boiling substances, Chem. Data Ser. Vol. VI, DECHEMA, 1982.

Kunz, O. and Wagner, W., The GERG-2008 Wide-range equation of state for natural gases and other mixtures: An expansion of GERG-2004, J. Chem. Eng. Data 57, 3032–3091, 2012.

Lin, H.-M., Kim, H., Guo, T.M., and Chao, K.C., Cubic chain-of-rotators equation of state and VLE calculations, Fluid Phase Equilib. 13, 143–152, 1983.

Mathias, P.M. and Copeman, T.W., Extension of the Peng-Robinson equation of state to complex mixtures: Evaluation of the various forms of the local composition concept, Fluid Phase Equilib. 13, 91–108, 1983.

Osjord, E.H. and Malthe-Sørenssen, D., Quantitative analysis of natural gas in a single run by the use of packed and capillary columns, J. Chromatogr. 297, 219–224, 1983.

Osjord, E.H., Rønningsen, H.P., and Tau, L., Distribution of weight, density, and molecular weight in crude oil derived from computerized capillary GC analysis, J. High Resolution Chromatogr. Chromatogr. Commun. 8, 683–690, 1985.

Pedersen, K.S., Blilie, A.L., and Meisingset, K.K., PVT calculations on petroleum reservoir fluids using measured and estimated compositional data for the plus fraction, Ind. Eng. Chem. Res. 31, 1379–1384, 1992.

Peneloux, A., Rauzy, E., and Fréze, R., A consistent correction for Redlich-Kwong-Soave volumes, Fluid Phase Equilib. 8, 7–23, 1982,

Peng, D.-Y. and Robinson, D.B., A new two-constant equation of state, Ind. Eng. Chem. Fundam. 15, 59–64, 1976.

Peng, D.-Y. and Robinson, D.B., The characterization of the heptanes and heavier fractions for the GPA Peng-Robinson Programs, GPA Research Report RR-28, 1978.

Pitzer, K.S., Volumetric and thermodynamic properties of fluids. I. Theoretical basis and virial coefficients, J. Am. Chem. Soc. 77, 3427–3433, 1955.

Poling, B.E, Prausnitz, J.M., and O'Connell, J.P., The Properties of Gases and Liquids, McGraw-Hill, New York, 2000.

Rackett, H.G., Equation of state for saturated liquids, J. Chem. Eng. Data 15, 514–517, 1970.

Redlich, O. and Kwong, J.N.S., The thermodynamics of solutions. V. An equation of state. Fugacities of gaseous solutions, Chem. Rev. 44, 233–244, 1949.

Reid, R.C., Prausnitz, J.M., and Sherwood, T.K., The Properties of Gases and Liquids, McGraw-Hill, New York, 1977.

Sah, P., Gurdial, G., Pedersen, K.S., Izwan, H., and Ramli, F., Equation-of-state modeling for reservoir fluid samples contaminated by oil-based drilling mud using contaminated fluid PVT Data, SPE Reservoir Eval. Eng. 15, 139–149, 2012.

Soave, G., Equilibrium constants from a modified Redlich-Kwong equation of state, Chem. Eng. Sci. 27, 1197–1203, 1972.

Spencer, C.F. and Danner, R.P., Prediction of bubble-point density of mixtures, J. Chem. Eng. Data 18, 230–234, 1973.

Van der Waals, J.D., Doctoral Dissertation, Over de Continuiteit van der Gas- en Vloeistoftoestand Leiden, University, The Netherlands, 1873 (In Dutch).

Wei, Y.S. and Sadus R.J., Equations of state for the calculation of fluid-phase equilibria. AIChE J. 46, 169–196, 2000.

Yang, T., Chen, W.-D., and Guo, T. Phase behavior of near-critical reservoir fluid mixture, Fluid Phase Equilib. 128, 183–197, 1997.