

## DAFTAR PUSTAKA

- Adão, F.J.S.F., Ritter, O., and Spangenberg, E. 2015. *The Electrical Conductivity of the Posidonia Black Shales: From Magnetotelluric Exploration to Rock Samples*. Doctoral dissertation, Freie Universität Berlin.
- Allen, G., & Chambers, J. (1998). *Deltaic Sedimen in The Modern and Miocene Mahakam Delta*. Indonesian Petroleum Association
- Bahr, K., 1988. *Interpretation of the magnetotelluric impedance tensor: regional induction and local telluric distortion*. Journal of Geophysics 62, 119–127.
- Bahr, K., 1991. *Geological noise in magnetotelluric data: a classification of distortion types*. Physics of the Earth and Planetary Interiors 66, 24–38.
- Berdichevsky, M.N. & V.I. Dmitriev. 2008. *Models and Methods of Magnetotellurics*. Springer, Berlin, Germany, p. 31–33.
- Berdichevsky, M.N, V. Dmitriev, N. Golubtsova, N. Mershchikova, and P. Pushkarev. 2003. *Physics of the Solid Earth*. 39, 701
- Castells, A.M. 2006. *A Magnetotelluric Investigation of Geoelectrical Dimensionality and Study of the Central Betic Crustal Structure*. Barcelona : Universitat de Barcelona
- Chambers, J. L. C., I. Carter, I. R. Cloke, J. Craig, S. J. Moss, and D. W. Paterson. 2004. *Thin-skinned and thick-skinned inversion-related thrusting— A structural model for the Kutai Basin, Kalimantan, Indonesia*, in K. R. McClay, ed., Thrust tectonics and hydrocarbon systems: AAPG Memoir 82, p. 614–634.
- Chambers, J.L.C., dan T.E. Daley. 1995. *A Tectonic Model for The Onshore Kutai Basin, East Kalimantan, based on an integrated geological and geophysical interpretation*: Proceedings of the Indonesian Petroleum Association, 24/ I, p. 111–130.
- Cloke, I.R., dkk. 1998. *Structural Controls on The Evolution of The Kutai Basin, East Kalimantan*. Journal of Asian Earth Science : Pergamon
- Courteney, S., Cockcroft, P. Lorentz, R. A. Miller, R. Ott, H. L. Prijosesilo, P. Suhendan, A. R. & Wight, A. W. R. 1991. *Indonesia-Oil and Gas Field Atlas. Volume 2 Central Sumatra*. Indonesian Petroleum Association.

- Davis, R., Jr. 1992. *Depositional Systems: An Introduction to Sedimentology and Stratigraphy*. Prentice Hall. 2nd Edition.
- EIA. 2013. *US Energy Information Administration e EIA e Independent statistics and analysis*. EIA
- Fontes, S.L., Harinayarana, T., Dawes, G.J.K., and Hutton, V.R.S. 2002. *Processing of Noisy Magnetotelluric Data using Digital Filters and Additional Data Selection Criteria*. *Physics of the Earth and Planetary Interiors*, 52: 30–40
- Freeze, R., dan J. Cherry. 1979. *Groundwater*. Prentice Hall. 1979.
- Grandis, H., dkk. 2004. *Magnetotelluric (MT) Method in Hydrocarbon Exploration: A New Perspective*. *Jurnal Geofisika*, 2004/2
- Hersir, G., Árnason, K., and Vilhjálmsson, A. M. 2011. *3D inversion of MT data from Krýsuvík, SW Iceland*. Report ÍSOR-2011/072, page 165.
- Hamdani, A., dkk. 2019. *Potensi Gas Serpih Formasi Pulobalang, Cekungan Kutai, Kalimantan Timur*. Bandung : Buletin of Geology, Vol. 3, No.2, FITB, Institut Teknologi Bandung
- Hidayat, dkk. 2020. *Optimization of 2-D Magnetotelluric (MT) Modes Based on Data Dimensionality to Delineate Potential Area for Shale Gas Prospect in Kutai Basin, East Kalimantan, Indonesia*. Bandung : Pusat Survei Geologi
- Hidayat, dkk. 2021. *Studi Magnetotellurik (MT) Untuk Mendelineasi Potensi Regional Gas Serpih Bawah Permukaan Berdasarkan Properti Tahanan Jenis Di Cekungan Kutai, Kalimantan Timur*. Bandung : Jurnal Geologi dan Sumberdaya Mineral.
- Frantz, J. K. dan V. Jochen. 2005. *Shale Gas*. Schlumberger
- Jarvie, D.M., Hill, R.J., Ruble, T.E., Pollastro, R.M., 2007. *Unconventional shale-gas systems: the Mississippian Barnett Shale of north-central Texas as one model for thermogenic shale-gas assessment*. *AAPG Bull.* 91 (4), 475e499.
- Kearey, P., dkk. 2002. *An Introduction to Geophysical Exploration*. Blackwell Science Ltd

- Khyzhnyak, M. 2014. *Geoelectrical Strike and Its Application in Magnetotellurics*. Reykjavik: Faculty of Earth Science, University of Iceland
- Kotarba, M.J., Curtis, J.B., Lewan, M.D. 2009. *Comparison of natural gases accumulated in Oligocene strata with hydrous pyrolysis gases from Menilite Shales of the Polish Outer Carpathians*. *Org. Geochem.* 40 (7), 769e783.
- Larsen, J. C. 1977. *Removal of Local Surface Conductivity Effect From Low Frequency Mantle Response Curves*. *Acta Geodaet Geophys. Moat*, no. 12, halaman 183-186
- Maithya, J. dan Yasuhiro Fujimitsu. 2019. *Analysis and interpretation of magnetotelluric data in characterization of geothermal resource in Eburru geothermal field, Kenya*. Elsevier Ltd, *Geothermics* 81
- Maiullari G. 2011. *Gas shale reservoir: characterization and modelling play shale scenario on wells data base*. San Donato Milanese, Italy: ENI Corporate University
- Martí, A. 2006. *A Magnetotelluric Investigation of Geoelectrical Dimensionality and Study of The Cental Betic Crustal Structure*. Universitat de Barcelona Department de Geodinamica i Geofisica
- Martí, A., Queralt, P., Ledo, J., Farquharson, C. 2010. *Dimensionality imprint of electrical anisotropy in magnetotelluric responses*. *Phys. Earth Planet. Inter.* 182 (4), 139.
- Maurya, V.P., dkk. 2016. *An Overview of Geo-electric Dimensionality of Parana Basin*. SBGf - Sociedade Brasileira de Geofisica
- Merrill, R.K., 1991. *Source and Migration processes and Evaluation Techniques*. AAPG Treatise of Petroleum Geology, Handbook of Petroleum Geology, 213 p. (Summary sheet,p. xvii)
- Milsom, J. 2003. *Field Geophysics*. England : John Wiley & Sons Ltd
- Mokhatab S, Poe WA, Speight JG. 2006. *Handbook of natural gas transmission and processing*. Amsterdam : Elsevier
- Moss, S. dkk. 1997. *New observations on the sedimentary and tectonic evolution of the Tertiary Kutai Basin, East Kalimantan*. Geological Society London Special Publications

- Nie, H.K., Zhang, J.C. 2012. *Shale gas accumulation conditions and gas content calculation: a case study of Sichuan Basin and its periphery in the Lower Paleozoic*. Acta Geol. Sin. 86 (2), 349e361 (in Chinese).
- Petter dan Cassa. 1994. *Applied Source rock geochemistry*. USA : AAPG
- Pranata, E., dkk. 2017. *Magnetotelluric Data Analysis using Swift Skew, Bahr Skew, Polar Diagram, and Phase Tensor: a Case Study in Yellowstone, US*. Pakistan Academy of Sciences
- Resmawan, R.A. 2007. *Analisis Variasi Kandungan Sulfur pada Batubara Seam S di Daerah Palaran, Kutai Kartanegara, Kalimantan Timur*. Tesis Magister Rekayasa Pertambangan ITB : Tidak dipublikasikan
- Rodi, W. and Mackie, R.L. 2001. *Nonlinear Conjugate Gradients Algorithm for 2-D Magnetotelluric Inversion*. Geophysics, 66: 174–187.
- Satyana, A.H., dkk. 1998. *Tectonic controls on the hydrocarbon habitats of the Barito, Kutei, and Tarakan Basins, Eastern Kalimantan, Indonesia: major dissimilarities in adjoining basins*. Journal of Asian Earth Sciences
- Schön, J.H. 2004. *Physical Properties of Rocks: Fundamentals and Principles of Petrophysics*. Elsevier, 583 pp
- Simpson, F., dan Bahr, K. 2005. *Practical Magnetotelluric*. Cambridge : Cambridge University Press
- Speight JG. 2013. *Shale gas production processes*. Gulf Professional Publishing
- Supriatna, S., Sukardi., dan Rustandi. 1995. *Peta Geologi Lembar Samarinda, Kalimantan*. Bandung: Pusat Penelitian dan Pengembangan Geologi
- Telford, W.M., dkk. 1990. *Applied Geophysics Second Edition*. Cambridge : Cambridge University Press
- Tim Penyusun. 2018. *Pemanfaatan Gas Bumi Untuk Energi Berkeadilan*. Jakarta : Direktorat Jenderal Minyak dan Gas Bumi, Kementerian Energi dan Sumber Daya Mineral
- Tim Penyusun. 2019. *Outlook Energi Indonesia 2019*. Jakarta : Dewan Energi Nasional
- Tim Redaksi. 2016. *Sundaland dan Petroleum System*. Jakarta : Berita IAGI

- Vozoff, K. 1972. *The Magnetotelluric Method in The Exploration of Sedimentary Basins*. Society of Geophysicsts, Geophysics, Vol 37, No.1, P. 98-141, 36 figs
- Vozzof, K. 1991. *The Magnetotelluric Method. Dalam M. N. Nabighian, Electromagnetic Methods in Applied Geophysics. Applications Part A and Part B* (hal. 641 - 711). Society of Exploration Geophysicist.
- Wang, Y., Chen, J., Hu, L., Zhu, Y.M. 2013. *Sedimentary environment control on shale gas reservoir: a case study of Lower Cambrian Qiongzhusi Formation in the Middle Lower Yangtze area*. J. China Coal Soc. 38 (5), 845e850 (in Chinese).
- Qibin, X, dkk., 2011. *Application of 2D magnetotelluric methods in a geological complex area, Xinjiang, China*. Journal of Applied Geophysics 75, 19–30.
- Zajuli, M.H.H dan Joko Wahyudiono. 2018. *Rock-Eval Pyrolysis of the Oligocene Fine-grained Sedimentary Rocks from the Pamaluan Formation, Gunung Bayan Area, West Kutai Basin, East Kalimantan : Implication for Hydrocarbon Source Rock Potential*. Bandung : Jurnal Geologi dan Sumberdaya Mineral.
- Zendehboudi, S., dan Alireza Bahadori. 2017. *Shale Oil and Gas Handbook*. Oxford : Elsevier Inc.
- Zhang, X. dkk. 2016. *Characteristic and Controlling Factor of Shale Gas Reservoir in The Fuling Area, Sichuan Basin*. Chinese Petroleum Society : Elsevier.