



DAFTAR PUSTAKA

- Al-Marzouqi, M.I., Budebes, S., Sultan, E., Bush, I., Griffiths, R., Gzara, K.B.M., Ramamoorthy, R., Husser, A., Jeha, Z., Roth, J., Montaron, B., Narhari, S, R., Singh, S.K, Poirier, X., 2010, *Resolving Carbonate Complexity, in Oil field Review Summer 2010: 22*, Schlumberger, p. 40-55.
- Aprilia, R., Dewanto, O., Karyanto., Ramadhan, A., 2018, *Analisis Petrofisika dan Penyebab Low Resistivity Reservoir Zone Berdasarkan Data Log, SEM, XRD dan Petrografi Pada Lapangan X Sumatera Selatan*, Jurnal Geofisika Eksplorasi Vol.4/No.2, p
- Ariyanto, P., and Kusdiantoro, F., 2014, *Secondary Hydrocarbon Migration and Entrapment Evaluation in Lematang Area, South Sumatra, in Proceedings. Indonesian Petroleum Association (IPA), 38th Annual Convention & Exhibition*, p
- Asquith, G., and Krygowski, D., 2004. *Basic Well Log Analysis Second Edition*, The American Association of Petroleum Geologist (AAPG), Tulsa, Oklahoma.
- Audinno, R.T., Pratama, I.P., Halim, A., and Kusuma, D.P., 2016, *Integrated Analysis of The-Low Resistivity Hydrocarbon Reservoir in the "S" Field, in Proceedings. Indonesian Petroleum Association (IPA), 40th Annual Convention & Exhibition*, p.
- Barber, A.J., Crow, M. J. and Milsom, J.S., 2005, *Sumatra: Geology, Resources and Tectonic Evolution*, Geology Society Memoir, London, No. 31.
- Batemen, R.M., 2012, *Openhole Log Analysis and Formation Evaluation Second Edition*, Society of Petroleum Engineers, Boston, USA.
- Bishop, M.G., 2001, *South Sumatra Basin Province, Indonesia: The Lahat/Talangakar- Cenozoic Total Petroleum System*, USGS, Wyoming Colorado, 90-50-S, p. 1-19.
- Boyd, A., Darling, H., Tabanou, J., Davis, B., Lyon, B., Flaum, C., Klien, J., Sneider, R.M., Sibbit, A., Singer, J., 1995, *The Lowdown on Low-Resistivity Pay, in Oil field Review*, Schlumberger, p. 4-18.
- Conocophillips, 2015, *Geology Final Well Report* (Tidak dipublikasikan).
- Blake, 1989, *The Geological Regional and Tectonic of Siuth Sumatera Basins, in Proceeding. Indonesian Petroleum Association (IPA)*, 11th Annual Convention & Exhibition, p.
- Clavier, C., Heim, A., and Scala, C., 1976, *Effect of Pyrite on Resistivity and Other Logging Measurements*, SPWLA 17th Annual Logging Symposium, SPE, p. 34.
- Dewan, J.T., 1983, *Open Hole Log Interpretation*, Penn Well Publishing Company, Tulsa, p. 361.



Dwiyono, I.F., and Winardi, S., 2014, *Kompilasi Metode Water Saturation Dalam Evaluasi Formasi*, In Proceeding Seminar Nasional Kebumian Ke-7, p. 420-437.

Ginger, D., and Fielding, K., 2005, *The Petroleum System and Future Potential of The South Sumatra Basin*, in Proceedings. Indonesian Petroleum Association (IPA) 30th Annual Convention & Exhibition, p.

Givens, W.W., 1987, *A Conductive Rock Matrix Model (CRMM) for the Analysis of Low-Contrast Resistivity Formations*, The Log Analyst, p.138-151.

Glover, P.W.J., 2000, *Petrophysics*. Msc Petroleum Geology, Department of Geology and Petroleum Geology, University Of Aberdeen, UK.

Hakim, Resawan.M., Dharmawan, G.A., and Gultom, L.P., 2013, *Improving Performance In A Mature Field: Integrated Analysis For Identification And Optimization of Low-Resistivity Hydrocarbon-Bearing Sand Reservoirs In Semberah Field, Mahakam Delta, Kutai Basin* , in Proceedings. Indonesian Petroleum Association (IPA), 37th Annual Convention & Exhibition, p.

Hamada, G.M., Al-Awad, M.N.J., 2000, *Petrophysical Evaluation of Low Resistivity Sandstone Reservoir*, in Journal of Canadian Petroleum Technology Vol.9, p. 7- 14.

Harsono, A., 1997, *Evaluasi Formasi dan Aplikasi Log*, in Oil field Service, Schlumberger, Jakarta.

Hartanto, K., Widianto, E., Safrizal.,1991, Hydrocarbon Prospect Related To The Local Unconformities Of The Kuang Area, South Sumatera Basin, in Proccedings. Indonesia Petroleum Association (IPA), 25th Annual Convention & Exhibition, p.17-35.

Haryanto, H., Nasifi, W.B., Amorita, I.E., Darma, I,W,A., Kurniawan, T., Darmawan, F.H., Abu Bakar, A.B., Condronegoro, R., Syafriya, A., 2017, *Perceiving The Unseen Hydrocarbon Play Potential Grounded By Seismic Reservoir Characterization And Well Data In The Gumai Formation, South Sumatera, Indonesia*, in Proccedings. Indonesia Petroleum Association (IPA), 41th Annual Convention & Exhibition, p.

Holis, Z., Prayogi, A., Purwaman, I., Damayanti, S., Nugroho, D., and Kamaluddin, M.K., 2016, *The Petrophysic Role of Low Resistivity Pay Zone of Talang Akar Formation, South Sumatera Basin, Indonesia* , in SPE Asia Pacific Oil and Gas Conference & Exhibition All Days, Perth, Australia, SPE-18244.

Koesoemadinata, R.P., 1980, *Geologi Minyak dan Gas Bumi*. Jilid 1 Edisi Kedua, Bandung: ITB

Kyi, K., 2019. *Low Resistivity Low Contrast Pay Sands*. Tersedia pada: <https://petrophysics.home.blog/2019/05/21/low-resistivity-low-contrast-pay-sands>. (diakses secara online pada tanggal 12-03-2022).



Melfi, F.M., Setyowiyoto, J., and Wintolo, D., 2017, *Evaluasi Petrofisika Low-Resistivity Pada Potensi Reservoir Hidrokarbon Formasi Gumai Cekungan Sumatera Selatan*, in Proceeding. Seminar Nasional Kebumian Ke-10, p. 590-599.

Palacky, G., 1987, *Resistivity Characteristics of Geological Targets*, in Nabighian, Electromagnetic Methods in Applied Geophysics- Theory, Society of ExplorationGeophysicists, Tulsa, p. 53-129.

Patra, D, H., Noeradi, D., and Subroto, E., 2012, Tectonic Evolution at Musi High and Its Influence to Gumai Formation as an Active Source Rock at Sopa Field, South Sumatera Basin, At AAPG International Conference &Exhibition, Milan, Italy, p. -

Patra Nusa Data., 2006, *Indonesian Basin Summaries*, Patra Nusa Data, Jakarta, p. 29 –30

Peeters, M., and Holmes, A., 2014, *Review of Existing Shaly-Sand Models and Introduction of a New Method Based on Dry-Clay Parameters*, Petrophysics, Vol.55,No.6.

Pramudhita, B.A., Nagarani, Y.A., Yusuf, H., Yustiawan, R., 2013, *Effective Hydrocarbon Probe And Development Of Low Resistivity Reservoir Potential In Marginal Oil Field*. in Proceedings. Indonesian Petroleum Association, 37th Annual Convention & Exhibition, p.

Prayitno, S.H., Mardisewodjo, P., Atmojo, S.M., 2001, *Pengaruh Mineral Pirit Terhadap Resistivitas Batupasir dan Aplikasinya Pada Kasus Low Resistivity*, in Proceeding Simposium Nasional IATMI, Yogyakarta, p. 1-7.

Pulunggono, A., Haryo, A.S., Kosuma, C.G., 1992, *Pre- Tertiary and Tertiary Fault System as a Framework of the South Sumatera Basin: A Study of Sar-Maps*, in Proceedings. Indonesian Petroleum Association, 21th Annual Convention & Exhibition, p.

Rider, M., 2002, *The Geological Interpretation of Well Logs 2nd Edition revised*. Interprint Ltd. Malta.

Rohmana, R.C., Setyowiyoto, J., Husein, S., Indra, Y., and Ramadhan, A., 2017, *Evaluasi Dan Perbandingan Reservoir Low-Resistivity Formasi Cibulakan Atas, Cekungan Jawa Barat Utara Dengan Formasi Gumai, Sub-Cekungan Jambi*, in Proceedings. Seminar Nasional Kebumian Ke-10, Indonesia, p. 573-589.

Shaw, R.J., Coughlan, K.J., and Bell, L.C., 1998, *Root Zone Sodicity. In Sodic Soils: Distribution, Properties, Management, and Environmental Consequences*, (Eds ME Sumner, R Naidu). Oxford University Press: New York, p. 95-106.



Sajjad, F., Kusuma, D.P., Amrizal., Jatmiko, W., Suganda, W., 2018, *A Success Story Of Low Resistivity Reservoir Development Through Hydraulic Fracturing In KL Field*, in The 2nd SPWLA Asia Pacific Technical Symposium – Indonesia.

Sarjono, S., dan Sardjito., 1989. *Hydrocarbon Source Rock Identification In The South Palembang Sub-Basin*, in Proceedings. Indonesian Petroleum Association, 18th Annual & Exhibition, p. 427–467.

Suwardji, Buhari, A., Kukuh, K., and Prayitno, R., 1994, *Low Resistivity Reservoir Study:Sangatta Field Kalimantan*, in Proceedings. Indonesian Petroleum Association, 23th Annual & Exhibition, p. 215.

Thomas, E.C., and Stieber, S. J., 1975, *The Distribution of Shale in Sandstones and its Effects upon porosity*, SPWLA 16th Annual Logging Symposium Transaction Paper T, New Orleans.

Tucker, M.E., 1991, *Sedimentary Petrology*, Blackwell Scientific Publications, Oxford. Van Bemmelen, R.W., 1949, *The Geology of Indonesia – Vol. IA*, Government Printing Office, Martinus Nijhoff, The Hague, Netherlands.

Winardi, S., 2014, *Quantitative Log Analysis*, Department Of Geological Eng, Gadjah Mada University.

Winardi, S., Surjono, S.S., Amijaya, D.H., and Suryanto, W., 2018, *Influence Of HematiteIn Sandstone Reservoir*, in The 12th Seaturc Symposiums, p. 1-5.

Winardi, S., Surjono, S.S., Amijaya, D.H., and Suryanto, W., 2021, *Reservoirs resistivity correction factor in low resistivity pyritic sandstone reservoirs*, in IOP Conference Series: Earth and Environmental Science, Vol.851, p. 1-10.

Worthington, P.F., 1985, *The Evolution Of Shaly-Sand Concepts In Reservoir Evaluation*,The Log Analyst, p. 23–40.

Worthington, P.F., 2000, *Recognition and evaluation of low-resistivity pay*, Petroleum Geoscience, Vol. 6, p. 77–92.

Yanto, E., and Winardi, S., 2015, *Analysis Of Magnetite Mineral Influence On Clean Sandstone Reservoir Resistivity Through Correction Methods In Low Resistivity Pay Zone*, in Proceedings. Indonesian Petroleum Association, 39th Annual & Exhibition,p.