

DAFTAR PUSTAKA

- Addis, M. 2017. *The Geology of Geomechanics: Petroleum Geomechanical Engineering in Field Development Planning*. Geological Society, London, Special Publication, 458. <https://doi.org/10.1144/SP458.7>
- Andersen, M. 2011. *The Defining Series: Introduction to Wireline Logging*. Schlumberger: Oilfield Review, 23. 59. <https://www.slb.com/resource-library/oilfield-review/defining-series/defining-logging>
- Amin, T., Baroek, M., Santana, S., Sapiie, B. & Gunawan I. 2022. *1D Geomechanical Modeling And Critically-Stressed Fractures Analysis In Naturally Fractured Reservoir, Muara Laboh Geothermal Field, West Sumatra, Indonesia*. Bulletin Of Geology. 6(1). 851-865. <https://buletingeologi.com/index.php/buletin-geologi/issue/view/15>
- Astawa, I., Silalahi, I., & Rahardiawan, R. 2012. *Geologi Bawah Permukaan Laut Perairan Lembar Peta 0421, Daerah Istimewa Aceh*. Jurnal Geologi Kelautan. 10(2).101-115. <https://media.neliti.com/media/publications/230393-geologi-bawah-permukaan-dasar-lautperair-f3fb3ce1.pdf>
- Birchall, T., Senger, K., & Swarbrick, R. 2022. *Naturally Occuring Underpressure – A Global Review*. Petroleum Geoscience. 28. <https://doi.org/10.1144/petgeo2021-051?ref=pdf&rel=cite-as&jav=VoR>
- Budiman, A., Muslim, D., Yuniardi, Y. & Atmadibrata, R. 2018. *Hubungan Kuat Tekan Batuan (Ucs) Tidak Langsung Dengan Porositas Pada Formasi Keutapang Atas Pada Lapangan Gas Arun, Cekungan Sumatera Utara Dengan Menggunakan Data Log Sonik*. Padjadjaran Geoscience Journal. 2(4). 240-251. <https://doi.org/10.24198/pgj.v2i4.18334>
- Buntoro, A., Rahmad, B., Asmorowati, D., Lukmana, A., Fattah, A. & Anuraga, E. 2022. *Overpressure mechanism prediction based on well log*

and mineralogy analysis from drill cuttings of well NSE-001 in the North Sumatra Basin area, Indonesia. Journal of Petroleum Exploration and Production Technology. 12. 2801-2815. <https://doi.org/10.1007/s13202-022-01482-5>

Collins, P. 2002. *Injection Pressures for Geomechanical Enhancement of Recovery Processes in The Athabasca Oil Sands.* SPE/Petroleum Society of CIM/CHOA 79028. <http://dx.doi.org/10.2118/79028-MS>

Doust, H. & Noble, R. 2007. *Petroleum Systems of Indonesia.* Marine and Petroleum Geology. 25. 103-129. <http://dx.doi.org/10.1016/j.marpetgeo.2007.05.007>

Glover, P. 2000. *Petrophysics.* Department of Geology and Petroleum Geology. University of Aberdeen, UK. https://homepages.see.leeds.ac.uk/~earpwjg/PG_EN/CD%20Contents/GG_L-66565%20Petrophysics%20English/Chapter%2013.PDF

Gunawan, A., Sapiie, B., & Wibowo, B. 2017. *Analisis Geomekanika Pada Batuan Dasar, Di Area Js-1 Ridge Bagian Selatan, Cekungan Jawa Timur Utara.* Bulletin of Geology. 1 (1). 1-18. <http://dx.doi.org/10.5614/bull.geol.2017.1.1.1>

Guntoro, A., Afandi, M., Sijabat, H., Anugrahadi, A., Triany, N., & Kharisma, F. 2023. *Structural Analyses and Evolution and Its Implication for Petroleum System and Exploration Play Concepts of Offshore North Sumatra Basin.* International Journal of Multidisciplinary Research and Publication. 6(6).. 5-10. <https://ijmrap.com/wp-content/uploads/2023/11/IJMRAP-V6N5P55Y23.pdf>

Heyderi, M. Emamqeyasi, M., & Sanei, M. 2022. *Finite Element Analysis of Wellbore Stability and Optimum Drilling Direction and Applying NYZA Method For a Safe Mud Weight Window.* Analytical and Numerical Methods in Mining Engineering. 11 (29). 67-79. <http://dx.doi.org/10.29252/ANM.2022.16945.1511>

- Ibrahim, M. 2016. *Analisis Karakteristik Overpressure di Lapangan Peciko, Cekungan Kutai Bawah dan Lapangan Langkat, Cekungan Sumatra Utara*. Makalah. Program Studi Teknik Geologi. Institut Teknologi Bandung. Bandung.
- Knoll, L. 2016. *The Process of Building a Mechanical Earth Model Using Well Data*. Tesis. Department Petroleum Engineering. Montan University.
- Lanin, E. 2021. *Rock Mechanical Properties Of Indonesian Organic-Rich Shales and Geomechanical Analysis Of A Shale Resource Pilot Hole In North Sumatra Basin*. Disertasi. Filosofi. University of Wisconsin-Madison.
- Linh, D., LOc, N., Tan, V., Huy, N., Trang, N., Tai, P., Abdurrahman, M. & Hidayat, F. 2021. *Statistical Estimation of Frictional Coefficients of Faults Based on a Structural Dataset in The Tuy Hoa-Vung Tau Region, Viet Nam*. Oil & Gas Science and Technology – Rev. IFP Energies nouvelles. 76(35). 1-15. <https://doi.org/10.2516/ogst/2021016>
- Lockner, D. 1995. *Rock Failure*. American Geophysical Union. https://www.researchgate.net/publication/313426883_Rock_failure
- Muchlis & Elder, C.. 2020. *Structural Style Of The North Sumatra Basin, Offshore Aceh*. The 9th AIC 2019 on Sciences & Engineering (9thAIC-SE). <http://dx.doi.org/10.1088/1757-899X/796/1/012038>
- Nuraini, T. 2023. *Ketahui Sejarah Lumpur Lapindo Sidoarjo Beserta Penyebab & Dampaknya Bagi Sekitar*. <https://www.merdeka.com/trending/kenahui-sejarah-lumpur-lapindo-sidoarjo-beserta-penyebab-dampaknya-bagi-sekitar-23578-mvk.html?page=4>
- Oktaviani, T. & Nailufar, N. 2023. *Kronologi Lumpur Lapindo*. <https://nasional.kompas.com/read/2023/07/06/00150071/kronologi-lumpur-lapindo>

- Osborne, M. & Swarbrick, R. 1997. *Mechanisms For Generating Overpressure in Sedimentary Basins: A Reevaluation*. AAPG Bulletin, V. 81(6). 1023-1041. <https://doi.org/10.1306/522B49C9-1727-11D7-8645000102C1865D>
- Perras, M. & Diederichs, M. 2014. *A Review of the Tensile strength of Rock: Concepts and Testing*. Geotechnical and Geological Engineering. 32. 525-546. <http://dx.doi.org/10.1007/s10706-014-9732-0>
- Prasetyo, A. & Juventa. 2021. *Karakterisasi Reservoir Berdasarkan Analisa Avo (Amplitude Versus Offset) Dan LMR (Lambda-Mu-Rho) Di Lapangan "Ap7" Formasi Keutapang Cekungan Sumatra Utara*. Jurnal Teknik Kebumihan. 6(2). 48-60. <https://doi.org/10.22437/jtk.v6i02.21184>
- Rahman, S., Sumotarto, U., & Pramudito, H. 2018. *Influence The Condition Land Subsidence and Groundwater Impact Of Jakarta Coastal Area*. IOP Conference Series: Earth and Environmental Science. 106. [10.1088/1755-1315/106/1/012006](https://doi.org/10.1088/1755-1315/106/1/012006)
- Rai, M., Kramadibrata, S., dan Wattimena, R. 2014. *Mekanika Batuan*. Penerbit ITB. Institut Teknologi Bandung.
- Rozamuri, M., Ramdhan, A., & Setiawan, P. *Geologi dan Analisis Geomekanika Terhadap Optimasi Injeksi Air Pada Lapangan "Sarina" Cekungan Sumatra Tengah, Indonesia*. Bulletin of Geology. 6(3). 1040-1051. [10.5614/bull.geol.2022.6.3.2](https://doi.org/10.5614/bull.geol.2022.6.3.2)
- Soepardji, R.. 1983. *Geology Of The Arun Gas Field*. Society of Petroleum Engineers of AIME. <https://doi.org/10.2118/10486-PA>
- Shaker, S. 2007. *Calibration of Geopressure Predictions Using The Normal Compaction Trend: Perception and Pitfall*. Article. http://geopressureanalysis.com/nct_recorded.pdf_final_2pages.pdf
- Sukmawati, F. 2024. *Analisis Petrofisika Metode Multimineral dan Implikasinya Terhadap Penyebab Overpressure Menggunakan Data Sumur dan Seismik 3D Pada Formasi Baturaja-Talang Akar, Lapangan "Rose", Subcekungan*

Palembang Selatan. Skripsi. Program Studi Geofisika. Universitas Gadjah Mada. Yogyakarta.

Syarifuddin, I. & Ariyanto, P. 2018. *Tectono-stratigraphy of Block A area, North Sumatra Basin: The impact of local tectonics and eustasy to accomodation space of the Tertiary interval*. Proceedings, Indonesian Petroleum Association. <http://dx.doi.org/10.29118/IPA18.586.G>

Tandirerung, R. 2023. *Analisis Geomekanika Batuan Berdasarkan 1D Mechanical Earth Model Sumur B Lapangan X Cekungan Tarakan Provinsi Kalimantan Utara*. Skripsi. Program Studi Teknik Geologi. Universitas Hasanuddin. Makassar.

Tampubolon, R., Ozza, T., Arifin, T., Hidayatillah, A., Prasetyo, A., & Furqan, T. 2017. *A Review of Regional Geology of the North Sumatra Basin and its Paleogene Petroleum System*. Berita Sedimentologi. 37(1). 23-29. <https://doi.org/10.51835/bsed.2017.37.1.95>

Wang, Z. & Wang, R. 2015. *Pore pressure prediction using geophysical methods in carbonate reservoirs: Current status, challenges and way ahead*. Journal of Natural Gas Science and Engineering. 27. 986-993. <http://dx.doi.org/10.1016/j.jngse.2015.09.032>

Wardhana, B., Arsyi, H., Azransyah, T., Mawardi, F., Hafizh, I., & Mulyawan, M. 2021. *Fractured Reservoir in Baong Formation, North Sumatra Basin, Indonesia*. Joint Convention Bandung 2021. Journal.iatmi.or.id

Wicaksono, A. 2021. *Analisis Teknaan Luap dan Hubungannya Terhadap Akumulasi Hidrokarbon di Blok Nunukan, Subcekungan Tarakan*. Tesis. Program Studi Teknik Geologi. Institut Teknologi Bandung. Bandung.

Wilson, M., Ansah, S., Nani, S., & Asante, D. 2022. *Petrographic Studies And Physico-Mechanical Properties Of Birimian Granitoids – A Case Study Of Oyoko Granitoids Complex In Koforidua*. Geological Behavior. 6(1). 16-21. <http://dx.doi.org/10.26480/gbr.01.2022.16.21>

- Zain, M. & Henk, A. 2020. *Building 1D and 3D Mechanical Earth Models for Underground Gas Storage—A Case Study from the Molasse Basin, Southern Germany*. *Energies*. 13(21). 5722.
<http://dx.doi.org/10.3390/en13215722>
- Zendehboudi, S. & Bahadari, A. 2017. *Chapter Eight – Production Methods in Shale Oil Reservoirs*. *Shale Oil and Gas Handbook*. 285-319.
<https://doi.org/10.1016/B978-0-12-802100-2.00008-3>
- Zhang, J. 2013. *Effective stress, porosity, velocity and abnormal pore pressure prediction accounting for compaction disequilibrium and unloading*. *Marine and Petroleum Geology* 45. 2-11.
<https://doi.org/10.1016/j.marpetgeo.2013.04.007>
- Zhang, J. & Yin, S. 2017. *Fracture gradient prediction: an overview and an improved method*. *Petroleum Science*. 14(2).
<http://dx.doi.org/10.1007/s12182-017-0182-1>