

DAFTAR PUSTAKA

- Andalucía, S., & Wibowo, R. (2023). Downhole monitoring sumur geothermal dengan metode pressure temperature shut-in sumur SR 1#2 di PT Pertamina Geothermal Energy Area Lumut Balai. *Jurnal Cakrawala Ilmiah*, **3**(4), 1289–1304.
- Aragón-Aguilar, A., & Francisco-Hernandez, A. F. (2023). Applied analysis for identifying feed zones in geothermal wells. *Instituto Nacional de Electricidad y Energías Limpias & Tecnológico Nacional de México*.
- Arifin, M. T., Nurseto, S. T., Nusantara, V. D. M., Pratama, G. R., Marastio, F. E., & Thamrin, M. H. (2023). Feed Zone Evaluation in Hululais Geothermal Field, Bengkulu, Indonesia. *PT. Pertamina Geothermal Energy*.
- Birkle, P., & Oedekoven, J. (2016). Real-time data processing in mud logging for geothermal drilling. *Journal of Geothermal Research*, **40**(3), 233–242.
- Bodvarsson, G. S., & Grant, M. A. (2009). *Geothermal Reservoir Engineering* (2nd ed.). San Diego: Academic Press.
- Bostanci, Y., Palsson, H., Gunnarsson, G., & Jonsson, M. T. (2023). Explicit and Hybrid Explicit Coupled Reservoir Simulations for Single Feed-Zone Boreholes with a Case Study. *University of Iceland & Reykjavik Energy*.
- Castaneda, M. (1981). *Feed Zones in Geothermal Wellbores* (Master's thesis). Department of Petroleum Engineering, Stanford University.
- Dreesen, D. S., et al. (1987). Fracture detection: Interpretation of well logs to select packer seats and locate injection intervals. *Los Alamos National Laboratory*. 11th Workshop on Geothermal Reservoir Engineering, Stanford, CA.
- Elkatatny, S. (2021). Real-time prediction of rate of penetration while drilling complex lithologies using artificial intelligence techniques. *Ain Shams Engineering Journal*, **12**(1), 917–926.
- Energy and Mineral Resources of Indonesia (EBTKE). (2024). *Indonesia Energy Transition Outlook 2025 Volume 5*. Jakarta: EBTKE.
- GeothermEx, Inc. (2015). *Geothermal Resources of Sumatra: Exploration Drilling and Reservoir Analysis for Perantauan*. Unpublished report.
- Gonfalini, M., et al. (1987). Fracture detection in geothermal wells drilled in volcanic rocks. *Proceedings Twelfth Workshop on Geothermal Reservoir Engineering*, Stanford University, 305–313.
- Hochstein, M. P., & Sudarman, S. (2008). History of geothermal exploration in Indonesia from 1970 to 2000. *Geothermics*, **37**(3), 220–226.

- IESR. (2024). *Indonesia Energy Transition Outlook 2025: Navigating Indonesia's Energy Transition at the Crossroads*. Jakarta: Institute for Essential Services Reform.
- Ikinya, N. S. (2018). *Wellbore Stability – Principles and Analysis in Geothermal Well Drilling* (Master's thesis). Reykjavík University.
- International Geothermal Association (IGA). (2015). *World Geothermal Congress 2015: Proceedings*. Melbourne: IGA.
- Lienau, P. J., & Battocletti, R. L. (2002). *Geothermal Direct Utilization: An International Perspective*. New York: Geothermal Resources Council.
- Lund, J. W., et al. (2016). Direct Utilization of Geothermal Energy 2015 Worldwide Review. *Geothermics*, **60**, 66–93.
- Marini, L., Orlando, S., Vespasiano, G., & Apollaro, C. (2023). Geochemical Feed Zone Analysis Based on the Mineral–Solution Equilibrium Hypothesis. *STEAM Srl. & University of Calabria*.
- Martasari, K., et al. (2023). Analisa perilaku reservoir geothermal menggunakan survei PTS. *Syntax Idea*, **4**(2), 1800–1811.
- Molua, O. C., et al. (2010). Characteristic delineation of OGO-16 well using mudlogging technique. *Yaba Journal of Applied Physics*, **1**(1), 40–43.
- Molua, O. C., et al. (2022). Mudlogging as an exploration tool: A case study of Ugu-16ST1, 52–58.
- Moos, D., & Ronne, J. (2010). Selecting the optimal logging suite for geothermal reservoir evaluation: Results from the Alum 25–29 well, Nevada. *Geomechanics International*, 1–14.
- Phasya, F. I., Afif, N. N. H., Sari, R. L., Abror, H., et al. (2024). Feed Zone Characterization Based on PTS Flowing Data and Geological Data of Well Drilling A Field B. *Universitas Jember & Pertamina Geothermal Energy Area Kamojang*.
- Pratama, R. A., et al. (2018). Aerated drilling optimization in geothermal well drilling in Field “X” Cluster “Y”. *Petroleum Engineering Department, Universitas Trisakti & Universitas Pertamina*, 73–76.
- PT. PLN Geothermal. (2020). *Geothermal Development in Perantauan: Drilling and Production Well Planning Report*. Jakarta: PT. PLN.
- Purwanto, E., et al. (2018). Geothermal drilling in Indonesia: A review of drilling operation, evaluation of well cost and well capacity. *Directorate of Geothermal, Ministry of Energy and Mineral Resources, Indonesia*.
- Rahman, D. M., & Subroto, R. A. (2018). Deep slim hole drilling implementation in geothermal exploration in Indonesia. *Proceedings, The 6th Indonesia International Geothermal Convention & Exhibition (IIGCE)*, 1–9.

- Ramdhan Fahmi, et al. (2015). Analisis Hasil PTS Survey pada Saat Kompleksi untuk Menentukan Zona Produksi Sumur “X” Lapangan Wayang Windu. *Seminar Nasional Cendekiawan*, 368–378.
- Sanjaya, R. (2021). Pemanfaatan survei PTS untuk identifikasi zona feed pada sumur geothermal. *Jurnal Teknik Energi*, **10**(1), 45–56.
- Schultz, A., et al. (2021). Drilling the perfect geothermal well: An international research coordination network for geothermal drilling optimization supported by deep ML and cloud-based data aggregation. *Proceedings, 48th Workshop on Geothermal Reservoir Engineering*, Stanford University, 1–7.
- Stefánsson, V., & Ármannsson, H. (2005). Geothermal exploration and drilling techniques in Iceland. *Geothermics*, **34**(2), 137–152.
- Tonanil, F. B., et al. (1988). Geochemical mud logging of geothermal drilling. *Proceedings, Thirteenth Workshop on Geothermal Reservoir Engineering*, Stanford University, 141–144.
- Witter, J. B., et al. (2018). Uncertainty and risk evaluation during the exploration stage of geothermal development. *Proceedings, 44th Workshop on Geothermal Reservoir Engineering*, Stanford University, 1–10.

LAMPIRAN