

## DAFTAR PUSTAKA

1. Abdasah, Doddy, 1992. "*Teknik Eksploitasi Panasbumi*". Bandung
2. Azimudin, T. 1999. "*Re-evaluation of the Lahendong Geothermal Reservoir Models*". Pertamina Internal Report. Jakarta. Indonesia.
3. Batan, 1991, "*Isotope study of Lahendong geothermal field, North Sulawesi*", Report for Pertamina, Jakarta. Indonesia.
4. Brehme, Maren. 2015. "*The Role of Fault Zone on Structure, Operation and Prospects of Geothermal Reservoirs*". Berlin. Georg August Universitat Gottingen.
5. Brehme, Maren. 2015. "*Structurally Controlled Fluid Flow in a High-Enthalpy Geothermal System Case Study Lahendong, Sulawesi (Indonesia)*" Proceedings World Geothermal Congress 2015. Melbourne. Australia.
6. British Standart 1402 part I, 1964. "*Flow in Orifice Plate*".
7. Chilingar, George V. et al, "*Hand Book of Geothermal*". University of California, 1982
8. Ciptadi, Sapto dan Salvius Patangke. 2001. "*Evaluasi Potensi Silica Scaling Pada Pipa Produksi Lapangan Panasbumi Lahendong Sulawesi Utara*" . Proceeding of the 5th INAGA ANNUAL CONFERENCE & EXHIBITIONS. Yogyakarta.
9. Effendi dan Bawono. 1997. "*Peta Geologi Lembar Manado, Sulawesi Utara. Indonesia*". Pusat Penelitian dan Pengembangan Geologi.
10. Fournier, Robert. O. "*The Solubility of Amorphous Silica in Water at High Temperatures and High Pressures*". 1966.
11. Freeston, D.H. 1996 "*Geothermal Technology: Teaching the Teachers Course Stage III*". ITB. Bandung. 1996
12. Grant, Malcolm A. & Paul F Bixley. 2011. "*Geothermal Reservoir Engineering Second Edition*". New Jersey: Academic Press.
13. Giggenbach, Werner. 1991. "*Chemical Techniques In Geothermal Exploration, Application Of Geochemistry In Geothermal Reservoir Development*". Roma.UNITAR/UNDP publication.

14. Hamilton, W.B. (1988). "Plate Tectonics and Island Arcs". *Geological Society of America Bull.*v.100, pp. 1503 – 1527.
15. Koestono, Harry. 2010. "*Lahendong Geothermal Field, Indonesia: Geothermal Model Based on Wells LHD-23 and LHD-28*". Reykjavik. University of Iceland
16. Koestono, Hary., dan EE Siahaan., Marihot Silaban., Hjalti Franszon. 2010 . "*Geothermal Model of the Lahendong Geothermal Field, Indonesia*". Proceedings World Geothermal Congress 2010. Bali, Indonesia.
17. Lestari, Intan dan Muh Sarkowi. 2013. Sarkowi. "*Analisis Struktur Patahan Daerah Panasbumi Lahendong - Tompaso Sulawesi Utara Berdasarkan Data Second Vertical Derivative (Svd) Anomali Gayaberat*" Lampung, Lembaga Penelitian Universitas Lampung,
18. Mc Kibin, R. 1989 "Geothermal Reservoir Engineering Heat and Fluids Transport", Geothermal Institute University of Aucland, New Zealand.
19. Moumin, Abdirasak Omar. 2013. "Geothermal Well Design" Geothermal Training Program, Reykjavik. Iceland. The United Nation University.
20. PT. Gondwana. (1988). "*Magmatic Evolution and Geochronology of the Volcanic Activities at the Lahendong Area, North Sulawesi*". Report for PERTAMINA, Jakarta. Indonesia.
21. PT. PLN, 2005: "*Resource study report Lahendong Geotherma*"l. PT. PLN, Indonesia, internal report
22. Raharjo, I.B., Wannamaker, P.E., Timisela, D.P., Arumsari, A.F., 2008. "*3 D Inversion Of Magnetotellurik, Study Of The Lehendong Gedothermal Field*", Progress research, 33th HAGI Annual meeting, Indon(geofisika)esia.
23. Robert, D., 1987: *Geology Model of Lahendong Geothermal Field: A guide for the development of this field*, Report for Pertamina, Jakarta.
24. Saptadji, Nenny Miryani. 2004. "*Teknik Panasbumi*". Bandung. Institut Teknologi Bandung.
25. Saptadji, Nenny Miryani. "*Aliran Fluida Dua Fasa di Dalam Sumur*". Teknik Produksi Panasbumi. ITB : Bandung.
26. Silitonga T. H. dan Siahaan E. E., Suroso. 2005. "*A Poisson's Ratio Distribution From Wadati Diagram as Indicator of Fracturing ofLahendong*

- Geothermal Field North Sulawesi, Indonesia*”, *Proceedings World Geothermal Congress 2005. Antalya. Turkey.*
27. Shiddiq, Julian Ambassador. 2014. “*Studi Hidrogeokimia untuk Menentukan Genesa Air Asam di Danau Linau, Sulawesi Utara*”. Bandung. Institut Teknologi Bandung.
  28. Siahaan, E.E., 1999. “*Fault structure evaluation in Lahendong Field based on aerial photo and landsat imagery*” Pertamina Internal Report. Indonesia.
  29. Siahaan, E.E. (2003). “*Geologic Map of the Lahendong Geothermal Area*”. Pertamina’s internal file
  30. Sigit S., Imam M.P. dan Tommy H. 2011. “*Pengembangan Area Geothermal Lahendong dan Tompasso*”. Workshop Reservoir Engineering Area Geothermal Lahendong. Jakarta.
  31. Sudarman S, Sumintadireja P. and Ushijima K. (1996) “*Exploration of geothermal resources in Lahendong area, north Sulawesi*”, Indonesia, Memoirs of the Faculty of Engineering Kyushu University, vol.56, no.3, pp.171-186.
  32. Utami, Pri dan LKFT-UGM. 2011. Studi Evolusi Pusat Aliran Panas dan Fluida Magmatik Sistem Panasbumi Lahendong untuk Pembuatan Rencana Pengembangan Lapangan. Yogyakarta. UGM.
  33. Utami, Pri dan EE Siahaan, T Azimudin, PRL Browne . 2014. “*Overview Of The Lahendong Geothermal Field, North Sulawesi, Indonesia: A Progress Report*” , NZ Geothermal Workshop. New Zealand (*penampang setelah peta geologi*)
  34. Widagda, L., & Jagranatha, I. 2005. “*Recharge Calculation of Lahendong Geothermal Field in North Sulawesi Indonesia*” *Proceedings World Geothermal Congress 2005. Antalya, Turkey*
  35. ....Jurnal Star Energy. “*Perhitungan Laju Alir Uap pada Orifice Meter*”. Star Energy, Jakarta, 2008.
  36. ....LAPORAN AKHIR, “*Uji Produksi Sumur LHD 15 Dan LHD 12 di Pertamina Area Panasbumi EP Lahendong*”, PT. GEOSERVICES (LTD).
  37. ....LAPORAN AKHIR, “*Hasil Penjajakan Kedalaman dan Pengukuran Tekanan dan Temperatur Sumur Sumur Area Lahendong*”, PT Pertamina Geothermal Energy.