UNIVERSITAS
GADJAH MADA
**Karakterisasi Dan Analisis Petrofisika Batuan Karbonat Area Bojonegoro Sebagai Reservoar Hidrokarbon
Potensial Di Cekungan Kendeng Bagian Atas**
DWAYNE NATHANAEL SHERINGHAM, Dr. Sarju Winardi, S.T., M.T.; Prof. Dr. Ir. Sugeng Sapto Surjono, S.T., M.T.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Amorosi, A., Fiorini, F., Rossi, V., dan Vaiani, S.C., 2007, Glauconite Geochemistry As A Tool For Sequence Stratigraphy: A Case Study From Lower Miocene Sediments Of The Northern Apennines (Italy): Geological Society of London, *Geological Society, London, Special Publications*, London, v. 276, h. 205–221.

Amyx, J.W., Bass, D.M., Jr., dan Whiting, R.L., 1960, Petroleum Reservoir Engineering: Physical Properties: McGraw-Hill Book Company, Inc., *Petroleum Engineering Series*, New York, 318 h.

Barona, L.L., 2015, Petroleum Reservoirs And Reservoir Engineering: The University of Manchester, *Lecture Notes*, Manchester, h. 1–4.

Berner, R.A., 1981, A New Geochemical Classification Of Sedimentary Environments: Society of Economic Paleontologists and Mineralogists, *Journal Of Sedimentary Petrology*, Tulsa, v. 51, no. 2, h. 359–365.

Berner, R.A., 1984, Sedimentary Pyrite Formation: An Update: The Geochemical Society, *Geochimica Et Cosmochimica Acta*, Oxford, v. 48, no. 4, h. 605–615.

Boggs, S., Jr., 2014, (Edisi Kelima) Principles Of Sedimentology And Stratigraphy: Pearson Education Limited, *Pearson New International Edition*, Harlow, 560 h.

Choquette, P.W., dan Pray, L.C., 1970, Geologic Nomenclature And Classification Of Porosity In Sedimentary Carbonates: American Association of Petroleum Geologists, *AAPG Bulletin*, Tulsa, v. 54, no. 2, h. 207–250.

Datun, M., Sukandarrumidi, Hermanto, B., dan Suwarna, N., 1996, Peta Geologi Lembar Ngawi, Jawa (Skala 1:100.000): Pusat Penelitian dan Pengembangan Geologi, Peta Geologi Regional, Bandung.

De Genevraye, P., dan Samuel, L., 1972, Geology Of The Kendeng Zone (Central And East Java): Indonesian Petroleum Association, *Proceedings Of The Indonesian Petroleum Association 1st Annual Convention*, Jakarta, h. 31–42.

Demaison, G.J., dan Moore, G.T., 1980, Anoxic Environments And Oil Source Bed Genesis: American Association of Petroleum Geologists, *AAPG Bulletin*, Tulsa, v. 64, no. 8, h. 1179–1209.

Dickson, J.A.D., 1966, Carbonate Identification And Genesis As Revealed By Staining: Society of Economic Paleontologists and Mineralogists, *Journal Of Sedimentary Petrology*, Tulsa, v. 36, no. 2, h. 491–505.

Duyfjes, J., 1936, The Geology And Stratigraphy Of The Kendeng Area Between Trinil And Surabaya (Java): Departement van Economische Zaken, *Mijnbouw en Geologie "De Mijningenieur"*, Batavia, v. 3, h. 136–149.

UNIVERSITAS GADJAH MADA
**Karakterisasi Dan Analisis Petrofisika Batuan Karbonat Area Bojonegoro Sebagai Reservoar Hidrokarbon
Potensial Di Cekungan Kendeng Bagian Atas**
DWAYNE NATHANAEL SHERINGHAM, Dr. Sarju Winardi, S.T., M.T.; Prof. Dr. Ir. Sugeng Sapto Surjono, S.T., M.T.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Dunham, R.J., 1962, Classification of Carbonate Rocks According to Depositional Textures, dalam Ham, W.E., ed., Classification of Carbonate Rocks—A Symposium: American Association of Petroleum Geologists, AAPG Memoir 1, Tulsa, h. 108–121.

Embry, A.F., dan Klovan, J.E., 1971, A Late Devonian Reef Tract On Northeastern Banks Island, N.W.T: Canadian Society of Petroleum Geologists, *Bulletin Of Canadian Petroleum Geology*, Calgary, v. 19, no. 4, h. 730–781.

Essien, U., Akankpo, A., dan Agbasi, O., 2017, Evaluation Of Reservoir's Petrophysical Parameters, Niger Delta, Nigeria: Science Publishing Corporation, *International Journal Of Advanced Geosciences*, Germany, v. 5, no. 1, h. 19–25.

Folk, R.L., 1965, Some Aspects Of Recrystallization In Ancient Limestones: Society of Economic Paleontologists and Mineralogists, *SEPM Special Publication 13: Dolomitization And Limestone Diagenesis*, Tulsa, h. 14–48.

Goldstein, J.I., Newbury, D.E., Michael, J.R., Ritchie, N.W.M., Scott, J.H.J., dan Joy, D.C., 2018, (Edisi Keempat) Scanning Electron Microscopy And X-Ray Microanalysis: Springer, *Scanning Electron Microscopy And X-Ray Microanalysis*, New York, 550 h.

Klinkenberg, L.J., 1941, The Permeability of Porous Media to Liquids and Gases: American Petroleum Institute, Drilling and Production Practice, Tulsa, h. 200–213.

Koesoemadinata, R.P., 1980, (Edisi Kedua) Geologi Minyak Dan Gas Bumi: Institut Teknologi Bandung, Geologi Minyak Dan Gas Bumi, Bandung, v. 1, 268 h.

Longman, M.W., 1980, Carbonate Diagenetic Textures From Nearsurface Diagenetic Environments: American Association of Petroleum Geologists, *AAPG Bulletin*, Tulsa, v. 64, no. 4, h. 461–487.

Lucia, F.J., 2007, (Edisi Kedua) Carbonate Reservoir Characterization: An Integrated Approach: Springer-Verlag, *Springer Texts in Earth Sciences*, Berlin, 331 h.

Mardianza, A., dan Dianita, C., 2018, Rembesan Minyak Dan Gas Di Zona Kendeng Bagian Barat, Jawa Tengah: Pusat Penelitian dan Pengembangan Teknologi Minyak dan Gas Bumi "LEMIGAS", Lembaran Publikasi Minyak Dan Gas Bumi - Jurnal LEMIGAS, Jakarta, v. 52, no. 2, h. 67–77.

Martodjojo, S., dan Hadiyanto, D., eds., 2003, Stratigraphic Lexicon Of Indonesia: Pusat Survei Geologi (*Geological Resources Center*), *Stratigraphic Lexicon Of Indonesia*, Bandung, 303 h.

Meidji, I.U., Jayadi, H., Saka, B.G.M., Wahyuni, A., dan Purwanti, R., 2019, Karakterisasi Reservoar Berdasarkan Analisis Petrofisika Batuan Dalam

UNIVERSITAS
GADJAH MADA
**Karakterisasi Dan Analisis Petrofisika Batuan Karbonat Area Bojonegoro Sebagai Reservoar Hidrokarbon
Potensial Di Cekungan Kendeng Bagian Atas**
DWAYNE NATHANAEL SHERINGHAM, Dr. Sarju Winardi, S.T., M.T.; Prof. Dr. Ir. Sugeng Sapto Surjono, S.T., M.T.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Penentuan Litologi Dan Kandungan Hidrokarbon Di Cekungan Banggai: UIN Alauddin, Jurnal Fisika Neutrino, Makassar, v. 11, no. 2, h. 39–44.

Moore, D.M., dan Reynolds, R.C., 1997, (Edisi Kedua) X-Ray Diffraction And The Identification And Analysis Of Clay Minerals: Oxford University Press, *X-Ray Diffraction And The Identification And Analysis Of Clay Minerals*, New York, 378 h.

Mount, J.F., 1985, Mixed Siliciclastic and Carbonate Sediments: A Proposed First-Order Textural and Compositional Classification: Sedimentology, v. 32, no. 3, h. 435–442. https://doi.org/10.1111/j.1365-3091.1985.tb00522.x

Pettijohn, F.J., 1975, (Edis Ketiga) Sedimentary Rocks: Harper & Row Publishers, Harper's Geoscience Series, New York, 628 h.

Mozley, P.S., 1989, Relation Between Depositional Environment And The Elemental Composition Of Early Diagenetic Siderite: Geological Society of America, *Geology*, Boulder, v. 17, no. 8, h. 704–706.

Novianto, A., Sutanto, Suharsono, Prasetyadi, C., dan Setiawan, T., 2020, Structural Model Of Kendeng Basin: A New Concept Of Oil And Gas Exploration: SCIRP, *Open Journal Of Yangtze Oil And Gas*, Wuhan, v. 5, no. 4, h. 200–215.

Novianto, A., Sutanto, Suharsono, Prasetyadi, C., dan Hidayat, W., 2022, Mud Volcano: Revealing The Stratigraphy Of Kendeng Basin, Indonesia: SCIRP, *Open Journal Of Yangtze Oil And Gas*, Wuhan, v. 7, h. 48–64.

Newbury, D.E., dan Ritchie, N.W.M., 2013, Is Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS) Quantitative?: Wiley, *Scanning*, Hoboken, v. 35, no. 3, h. 141–168.

Nurwidyanto, M.I., Noviyanti, I., dan Widodo, S., 2005, Estimasi Hubungan Porositas Dan Permeabilitas Pada Batupasir (Studi Kasus Formasi Kerek, Ledok, Selorejo): Universitas Diponegoro, Jurnal Berkala Fisika, Semarang, v. 8, no. 3, h. 87–90.

Odin, G.S., dan Matter, A., 1981, De Glauconiarum Origine: International Association of Sedimentologists, *Sedimentology*, Oxford, v. 28, no. 5, h. 611–641.

Pramunita, S.W., Isnawan, D., dan Prabowo, I.A., 2021, Studi Mikrofasies Pada Satuan Batupasir Karbonatan Kalibeng, Di Kali Jragung, Daerah Prigi Dan Sekitarnya: UPN "Veteran" Yogyakarta, Jurnal GEODA, Yogyakarta, v. 2, no. 2, h. 95–102.

Pringgoprawiro, H., 1983, (Disertasi Doktor) Biostratigrafi Dan Paleogeografi Cekungan Jawa Timur: Suatu Pendekatan Baru: Institut Teknologi Bandung, Disertasi Doktor (*Unpublished*), Bandung, 243 h.

UNIVERSITAS
GADJAH MADA
**Karakterisasi Dan Analisis Petrofisika Batuan Karbonat Area Bojonegoro Sebagai Reservoar Hidrokarbon
Potensial Di Cekungan Kendeng Bagian Atas**
DWAYNE NATHANAEL SHERINGHAM, Dr. Sarju Winardi, S.T., M.T.; Prof. Dr. Ir. Sugeng Sapto Surjono, S.T., M.T.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Pringgoprawiro, H., dan Sukido, 1992, Peta Geologi Lembar Bojonegoro, Jawa (Skala 1:100.000): Pusat Penelitian dan Pengembangan Geologi, Peta Geologi Regional, Bandung.

Putra, P.S., dan Praptisih, P., 2017, Re-Interpretasi Formasi Kerek Di Daerah Klantung, Kendal, Berdasarkan Data Stratigrafi Dan Foraminifera: Pusat Survei Geologi, Jurnal Geologi Dan Sumberdaya Mineral, Bandung, v. 18, no. 2, h. 77–88.

Raiswell, R., dan Canfield, D.E., 1998, Sources Of Iron For Pyrite Formation In Marine Sediments: Yale University, *American Journal Of Science*, New Haven, v. 298, no. 3, h. 219–245.

Reeder, R.J., ed., 1983, Carbonates: Mineralogy And Chemistry: Mineralogical Society of America, *Reviews In Mineralogy*, Washington, D.C., v. 11, 394 h.

Satyana, A.H., 2007, Central Java, Indonesia – A "Terra Incognita" In Petroleum Exploration: New Considerations On The Tectono-Stratigraphic Evolution: Indonesian Petroleum Association, *Proceedings Of The Indonesian Petroleum Association 31st Annual Convention And Exhibition*, Jakarta, h. 1–23.

Scholle, P.A., dan Ulmer-Scholle, D.S., 2003, A Color Guide To The Petrography Of Carbonate Rocks: Grains, Textures, Porosity, Diagenesis: American Association of Petroleum Geologists, *AAPG Memoir 77*, Tulsa, 470 h.

Senjaya, A., dan Bahar, H., 2022, Studi Lingkungan Pengendapan Formasi Kalibeng Anggota Klitik Menggunakan Analisis Mikrofosil Dan Petrografi: Institut Teknologi Adhi Tama Surabaya, Prosiding Seminar Nasional Sains Dan Teknologi Terapan, Surabaya, v. 5, h. 1–7.

Setyowiyoto, J., dan Surjono, S.S., 2003, Analisis Sedimentologi Dan Fasies Pengendapan Formasi Kerek Di Daerah Biren Dan Kerek, Kabupaten Ngawi, Jawa Timur: Universitas Gadjah Mada, Media Teknik FT UGM, Yogyakarta, no. 4, th. XXV, h. 17–22.

Setyowiyoto, J., Marno, D., dan Winardi, S., 2007, Geologi Dan Tinjauan Petroleum System Daerah Bancak, Kabupaten Semarang Berdasarkan Manifestasi Permukaan: Universitas Gadjah Mada, Media Teknik FT UGM, Yogyakarta, no. 1, th. XXIX, h. 15–26.

Sidi, C.P., dan Yuwanto, S.H., 1998, (Laporan Kuliah Kerja Lapangan) Studi Geologi Dan Analisis Fasies Turbidit Pada Formasi Kalibeng Daerah Repaking Dan Sekitarnya: Universitas Gadjah Mada, Laporan KKL (*Unpublished*), Yogyakarta, 10 h.

Smyth, H.R., Hall, R., dan Nichols, G.J., 2008, Cenozoic Volcanic Arc History Of East Java, Indonesia: Geological Society of America, *Special Paper Of The Geological Society Of America*, Boulder, v. 436, h. 199–222.

UNIVERSITAS
GADJAH MADA
**Karakterisasi Dan Analisis Petrofisika Batuan Karbonat Area Bojonegoro Sebagai Reservoar Hidrokarbon
Potensial Di Cekungan Kendeng Bagian Atas**
DWAYNE NATHANAEL SHERINGHAM, Dr. Sarju Winardi, S.T., M.T.; Prof. Dr. Ir. Sugeng Sapto Surjono, S.T., M.T.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Tyson, R.V., 1987, The Genesis And Palynofacies Characteristics Of Marine Petroleum Source Rocks: Geological Society of London, *Geological Society, London, Special Publications*, London, v. 26, no. 1, h. 47–67.

Ulfah, A.A., Akmaluddin, Barianto, D.H., Patriani, E.Y., dan Setiawan, R., 2022, Biostratigrafi Dan Kecepatan Sedimentasi, Berdasarkan Foraminifera, Di Formasi Kalibeng, Lintasan III, Kali Kedawung, Sragen, Jawa Tengah: UPN "Veteran" Yogyakarta, Prosiding Nasional Rekayasa Teknologi Industri Dan Informasi XVII (ReTII), Yogyakarta, h. 523–528.

Van Bemmelen, R.W., 1949, (Edisi Pertama) The Geology Of Indonesia, Vol. IA: General Geology Of Indonesia And Adjacent Archipelagos: Government Printing Office, *The Geology Of Indonesia*, The Hague, 732 h.

Warren, J.K., 2000, Dolomite: Occurrence, Evolution And Economically Important Associations: Elsevier Science, *Earth-Science Reviews*, Amsterdam, v. 52, no. 1–3, h. 1–81.

Welton, J.E., 1984, SEM Petrology Atlas: American Association of Petroleum Geologists, *AAPG Methods In Exploration Series No. 4*, Tulsa, 237 h.

Wilson, J.L., 1975, Carbonate Facies in Geologic History: Springer-Verlag, Springer Study Edition, New York, 471 h.

Yuwanto, S.H., dan Rosadi, M.Z., 2023, Analisis Porositas Dan Permeabilitas Satuan Batupasir Formasi Ledok Sebagai Potensi Batuan Reservoir Daerah Kedewan Dan Sekitanya Bojonegoro, Jawa Timur: Universitas Diponegoro, Jurnal Geosains Dan Teknologi, Semarang, v. 5, no. 3, h. 163–170.