

DAFTAR PUSTAKA

- Aki, A. dan Richard, P.G., 1980, *Quantitative Seismology: Theory and Methods*, W.H.Freeman & Company.
- Akmal. (2017). *Identifikasi Struktur Sesar dan Lingkungan Pengendapan Menggunakan Dekomposisi Spektral dan RGB Blending Pada Data Seismik 3D Studi Kasus Lapangan 'AM' Cekungan Sumatera Selatan*. Universitas Hasanuddin.
- Andika, P., dan Juventa. (2021). *Karakterisasi Reservoir Berdasarkan Analisa Avo (Amplitude Versus Offset) Dan LMR (Lambda-Mu-Rho) Di Lapangan "Ap7" Formasi Keutapang Cekungan Sumatera Utara*. JTK (Jurnal Teknik Kebumian). 29. ISSN 2447- 8583
- Budiman, H., Khakim, M. Y. N., Affandi, A. K. (2020). *Analysis of AVO and Seismic Inversion for Reservoir Characterization (Case Study: EP Field, South Sumatera Basin)*. Journal of Engineering and Scientific Research (JESR), 5-9. doi.org:10.23960/jesr.v2i1.36
- Avseth, P., Mukerji, T., Mavko, G., & Cambridge University Press. (2005). *Quantitative Seismic Interpretation: Applying Rock Physics Tools to Reduce Interpretation Risk*. Cambridge University Press
- Badley, M.E. (1985). *Practical seismic interpretation*. Boston: International Human Resources Development
- Bishop, M. (2000). *Petroleum systems of the Northwest Java Province, Java and offshore southeast Sumatera, Indonesia*. Dalam Open-File Report. <https://doi.org/10.3133/ofr9950R>
- Bishop, M. (2001). *South Sumatera Basin Province, Indonesia: The Lahat/ Talang Akar Cenozoic Total Petroleum System*. USGS Open file report, 99-50-S.
- Brown, R.A. (2000). *Interpretation of Three-Dimensional Seismic*. Data Fifth Edition, AAPG Memoir 42
- Buland, A. and Omre, H. (2003). Bayesian Linearized AVO Inversion. *Geophysics*. 68. p.185-198.
- Castagna, J.P. (1997). *Principles of AVO Crossplotting*, The Leading Edge.
- Castagna, J.P., Batzle, M.L., Eastwood, R.L. (1985). *Relationships between compressional-wave and shear-wave velocities in clastic silicate rocks*, *Geophysics*, 50, p571-581

- Chiburis, E., Leaney, S., Skidmore, C., Franck, C., dan McHugo, S. (1993). *Hydrocarbon Detection with AVO*. Oilfield Review, 42-50.
- Chopra, S., dan Castagna, J. P. (2014). *AVO*. Tulsa: Society of Exploration Geophysicists.
- Clure, J., dan Fiptiani, N., (2001). *Hydrocarbon Exploration in Merang Triangle*. South Sumatra basin, Proceeding 28th Annual Convention & Exhibition, Indonesian Petroleum Association, hal 803-824.
- De Coster, G. L. (1974). *The Geology of the Central and South Sumatera Basins*, Proceedings 3rd Annual Convention Indonesian Petroleum Association, 77-110.
- Dondurur, D. (2018). *Acquisition and Processing of Marine Seismic Data*. Amsterdam: Elsevier. doi:<https://doi.org/10.1016/C2016-0-01591-7>
- Fatimah, S. (2011). *Karakterisasi Reservoir Menggunakan Inversi Simultan Pada Lapangan "FA" Sub Cekungan Jambi, Jambi*. Universitas Gadjah Mada.
- Fatti, J., Smith, G., Vail, P., Strauss, P., dan Levitt, P. (1994). *Detection of Gas in Sandstone Reservoirs Using AVO analysis: a 3D Seismic Case History Using the Geostack Technique*. Geophysics, 59, p.1362-1376.
- Gardner, G. H. F., Gardner, L. W., dan Gregory, A. R. (1974). *Formation Velocity and Density-The diagnostic basics for sedimentary traps*. Geophysics. 39, p.770-780.
- Ginger, D. dan Fielding, K. (2005). *The Petroleum Systems and Future Potential of the South Sumatera basin*, Proceedings 30th Annual Convention Indonesian Petroleum Association, 67- 89.
- Goodway, B., Chen, T., dan Downton, J. (1997). *Improved AVO fluid detection and lithology discrimination using Lamé petrophysical parameters; " $\lambda\rho$ ", " $\mu\rho$ ", & " λ/μ fluid stack", from P and S Inversions*. SEG Technical Program Expanded Abstracts , 183-186. doi:10.1190/1.1885795
- Hampson, D., dan Russell, B. (2005). *Simultaneous Inversion of Pre-stack Seismic Data*, SEG/Houston Annual Meeting 2005.
- Hampson, D., and Russell, B. (2006). *The Old and The New in Seismic Inversion*, CSEG RECORDER.
- Hampson, D., dan Russell, B. (2011). *Seismic Lithology & AVO Workshop*. CGG Veritas, Singapore.
- Haris, A., Sandrina, R., & Riyanto, A. (2018). *Integrated AVO, Elastic Seismic Inversion and petrophysical Analysis for Rservoiru Characterization: A*

Case Study of Gas Field, South Sumatra Basin. Spektra: Jurnal Fisika dan Aplikasinya. 3. 10.21009/SPEKTRA.031.02.

Juventa dan Fatkhan. (2021). *Reservoir Characterization for Determining Hydrocarbon Bearing Sands Distribution Using Simultaneous Inversion*. JGE (Jurnal Geofisika Eksplorasi), 5-16. doi.:10.23960/jge.v7i1.94

Laseth, H., Gading, M., dan Wensaas, L. (2009). *Hydrocarbon leakage interpreted on seismic data*. Marine and Petroleum Geology, 26(7), 1304–1319. doi:10.1016/j.marpetgeo.2008.09.008

Maurya, S. P., Singh, N. P., dan Singh, K. H. (2020). *Seismic Inversion Methods: A Practical Approach*. Switzerland: Springer Geophysics. doi:10.1007/978-3-030-45662-7

Royle, A. (1999). *AVO Gradient and Intercept Crossplot Interpretation*. Geo-X System Ltd.

Ostrander, W. J. (1984). *Plane-wave Reflection Coefficients for Gas Sands at Nonnormal Angle of Incident*. Geophysics

Panggabean, H. dan Santy, L. D. (2012). *Sejarah penimbunan cekungan sumatera Selatan dan implikasinya terhadap waktu generasi hidrokarbon*. Geo Resources, 22(4), pp. 225–235.

Parapat, M., dan Haris, A. (2018). *Integrated spectral decomposition and AVO analysis for determining reservoir distribution: A case study of jambi Sub-Basin, Indonesia*. AIP Conference Proceedings. 2023. 020249. 10.1063/1.5064246.

Pulunggono, A., Haryo, S.A., dan Kosuma, C.G., (1992). *Pre-Tertiary and Tertiary Fault System as A Framework of The South Sumatra Basin; A Study of SAR Maps*. Proceedings Indonesian Petroleum Association. Indonesia.

Putra, S. G. Z. (2023). *Karakterisasi Reservoir Menggunakan Inversi Simultan, AVO, dan Atribut Seismik: Studi Kasus Reservoir Konglomerat-Vulkanik Cekungan Jawa Barat Utara*. Universitas Gadjah Mada.

Rahmanda, V. (2017). *Identifikasi Sebaran Litologi dan Gas Pada Zona Pay Sand Menggunakan Analaisis AVO dan Inversi Simultan di Lapangan “VR”, Teluk Meksiko*. Universitas Lampung.

Rider, M. (2002). *The Geological Interpretation of Well Log*, 2nd Edition, Whittles Publishing, Scotland.

Royle, A. (1999). *AVO Gradient and Intercept Crossplot Interpretation*. Geo-X System Ltd.

- Rutherford, S.R. dan Williams, R.H. (1989). *Amplitude-versus-Offset Variations in Gas Sands*. Geophysics
- Safitri, D. (2016). *Aplikasi Pemetaan Fasies Seismik untuk Menentukan Distribusi Reservoir Batupasir Interval Gumai-D Formasi Gumai*. Skripsi. Universitas Brawijaya.
- Simm, R., dan Bacon. (2014). *Seismic Amplitude An Interpreters Handbook*, United Kingdom: Cambridge University Press.
- Sukmono, S. (1999). *Interpretasi seismik refleksi*. Geophysical Engineering, Bandung Institute of Technology, Bandung
- Tatham, H Robert. (1982). *V_p/V_s and lithology*. Geophysics. 47. p.336–344.
- Varhaug, M. (2016). *The Defining Series: Basic Well Log Interpretation*. Schlumberger.
- Yilmaz, O. (2001). *Seismic Data Analysis: Processing, Inversion, and Interpretation of Seismic Data*. Tulsa: Society of Exploration Geophysicists.
- Yuliansyah, Zaivan. (2014). *Penentuan Kelas Anomali Avo pada Reservoir Batupasir Lapangan Ilm Formasi Gumai-d Sub Cekungan Jambi*. Jurnal Geofisika Eksplorasi, 41-53, doi:10.23960/jge.v2i01.218.
- Zoeppritz, R. (1919). *On the reflection and propagation of seismic waves*, Erdbebenwellen VIIIB; Gottinger Nachrichten I, 66-68.