



Technical Publications



Mao, Yilin, Godefroy, Caroline, and Michel Gysen. "Field Applications of Flow-Back Profiling Using Distributed Temperature Data." Paper presented at the SPE/AAPG/SEG Asia Pacific Unconventional Resources Technology Conference, Virtual, November 2021. doi: <https://doi.org/10.15530/AP-URTEC-2021-208402>

Mao, Y., Zeidouni, M., Godefroy, C., & Gysen, M. (2020). Fracture diagnostic using distributed temperature measurements during a pause in flow-back period. *Journal of Petroleum Science and Engineering*, 185, 106632. DOI: <https://doi.org/10.1016/j.petrol.2019.106632>

Donovan, Glenn , Kamath, Sagar , Tanis, Elizabeth , Abbassi, Linda , and Alain Gysen. "Third Generation Production Logging Technologies Enhance Inflow Profiling in Deepwater Gulf of Mexico Reservoirs." Paper presented at the SPE Annual Technical Conference and Exhibition, Calgary, Alberta, Canada, September 2019. doi: <https://doi.org/10.2118/196188-MS>

Abbassi, Linda, Tavernier, Emmanuel, Donzier, Eric, Gysen, Alain, Gysen, Michel, Chen, Chee Kong, Zeid, Ashraf, and Gerardo Cedillo. "Efficiency Improvements in Production Profiling Using Ultracompact Flow Array Sensing Technology." *Petrophysics* 59 (2018): 457–488. doi: <https://doi.org/10.30632/PJV59V4-2018a3>

Berry, Stuart , Cooper, Gavin , Webster, Michael , and Alain Gysen. "Optical Fibre Enabled Slickline; Enhancing the Quality of Decision Making through Intelligent Real Time Surveillance Using Distributed Acoustic Sensing and Distributed Temperature Sensing." Paper presented at the SPE Offshore Europe Conference & Exhibition, Aberdeen, United Kingdom, September 2017. doi: <https://doi.org/10.2118/186144-MS>

Liu, S., Zett, A., Spain, D., Rabinovich, M., Gillham, T., Gangopadhyay, A., Lucas, J., Zhou, Q. and Gysen, A., 2014. Multidisciplinary approach in determining the best zone to land a Haynesville horizontal well. *Interpretation*, 2(4), pp.T243-T254. DOI: <https://doi.org/10.1190/INT-2014-0094.1>

Ansari, Rafay , Yadav, Himanshu , Thiruvankatanathan, Pradyumna , Zett, Adrian , Spain, David , and Alain Gysen. "Advanced Petrophysical Surveillance Improves the Understanding of Well Behavior in Unconventional Reservoirs." Paper presented at the SPE Annual Technical Conference and Exhibition, Amsterdam, The Netherlands, October 2014. doi: <https://doi.org/10.2118/170878-MS>

Zett, Adrian, Webster, Michael, Ragbirsingh, Farisha, Gysen, Alain, Limkar, Parikshit, and Jonathan Johnson. "A Case Study of Optical Sensing Applicability in Reservoir Surveillance – The Non Unique Solution Dilemma." Paper presented at the SPWLA 55th Annual Logging Symposium, Abu Dhabi, United Arab Emirates, May 2014. URL: <https://onepetro.org/SPWLAALS/proceedings-abstract/SPWLA14/All-SPWLA14/SPWLA-2014-P/28432>

“Depositional and Tectonic Control of Clastic Reservoir Developments (Monograph)” LAMBERT Academic Publishing, March 2012, ISBN: 978-3-8484-0459-9

“Influence of Pressurized Clay of Akata Formation on Clastic Reservoir Developments, Using Seismic modelling Attributes.” AAPG Publication in Search and Discovery Article 40844 (2011).

Ojonah, Oke , and Alain Gysen. “Three Phase Modelling of Production Log Data Leads to More Accurate Decision Making and Saves Cost.” Paper presented at the Nigeria Annual International Conference and Exhibition, Tinapa – Calabar, Nigeria, July 2010. doi: <https://doi.org/10.2118/140612-MS>

Gysen, Alain , Gysen, Michel , Zett, Adrian , Webster, Mike , and German Yusti. “Production Logging in Highly Deviated and Horizontal Wells: Moving From Qualitative to Quantitative Answers.” Paper presented at the SPE Annual Technical Conference and Exhibition, Florence, Italy, September 2010. doi: <https://doi.org/10.2118/133479-MS>

Gysen, A., and M. Gysen. “Determination Of Production Rates In Wells With Flow In Both Tubing And Annulus.” Paper presented at the SPWLA 50th Annual Logging Symposium, The Woodlands, Texas, June 2009. URL: <https://onepetro.org/SPWLAALS/proceedings-abstract/SPWLA09/All-SPWLA09/SPWLA-2009-18747/27874>

Donovan, Glenn, Dria, Dennis Edward, Ugueto, Gustavo Antonio, and Alain Gysen. “Improved Production Profiling Using Thermal Balance and Statistical Modeling in the Pinedale Anticline of the US Rocky Mountains.” Paper presented at the SPE Annual Technical Conference and Exhibition, Denver, Colorado, USA, September 2008. doi: <https://doi.org/10.2118/115034-MS>

Gysen, M., C. Mayer, and K. Hashmy. “A new approach to log analysis involving simultaneous optimization of unknowns and zoned parameters.” *Transactions 11th Formation Evaluation Symposium, Paper B: Canadian Well Logging Society*. Vol. 20. 1987.