



MEHMET M. TARMAN

Vice President

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“*My calling as an engineer is to serve every Miller and Lents client with the utmost professionalism.*”

EDUCATION

- MBA in General Management, University of Texas at Austin, 2015
- M.S. Petroleum Engineering, Pennsylvania State University, 2006
- B.S. Petroleum Engineering, Middle East Technical University, 2004

RELEVANT AREAS OF EXPERTISE

International and North American Experience:

Petroleum engineer with more than 19 years' experience in reservoir engineering, reservoir simulation, uncertainty and field optimization studies, and economic analysis. Experience includes a wide variety of reservoir engineering, simulation, contingent and prospective resources evaluations and reserves evaluations for oil and gas projects throughout the United States, including Gulf of Mexico, Mid-Continent, and San Joaquin Valley. International experience includes fields in Australia, Brazil, Canada, Indonesia, Kurdistan Region of Iraq, Kazakhstan, North Sea, Russia, Gulf of Thailand, and Venezuela.

EXPERIENCE

- | | |
|----------------|--|
| 2017 – Present | Miller and Lents, Ltd. — Houston, Texas |
| 2021 | Vice President |
| 2017 | Consulting Engineer |

Responsible for oil and gas reserves evaluations and economic determinations of domestic and international projects, both onshore and offshore, for a variety of clients.

2011 – 2017 **Chevron — Houston, Texas**

Reservoir Engineer

Internal consultant to reservoir engineers in Chevron and partner locations related to simulation, reserves booking, forecasting, uncertainty and field optimization studies. Supported probabilistic forecast, simulation modelling, uncertainty and field optimization studies for prospects in Kurdistan Region of Iraq. Redesigned Petronius Field's (*Gulf of Mexico*) simulation field management logic. Worked on field management and optimization logic development of Korolev and Tengiz fields in Kazakhstan. Involved in modeling Mad Dog low salinity flood EOR simulation model. Worked on a number of Chemical EOR pilot studies. Delivered reservoir simulation, uncertainty analysis, and field optimization training courses.

EXPERIENCE *(continued)*

- 2006 – 2011 **Landmark, Halliburton — Houston, Texas**
Reservoir Engineer
Quality assurance, training delivery, and R&D of reservoir simulation workflows including VIP, Nexus, DMS, and ARIES. Team leader of VIP and Nexus quality management team. Mentored engineers and coordinated high quality commercial software releases. Technical contact for offshore R&D sites for VIP and Nexus reservoir simulators.
- 2004 – 2006 **The Pennsylvania State University — State College, Pennsylvania**
Developed an Artificial Neural Network for multilayer reservoirs with or without crossflow to be used as a pressure transient analysis tool. Developed a three-phase, two-dimensional reservoir simulator.

PROFESSIONAL ORGANIZATIONS

- Society of Petroleum Engineers
- Registered Professional Engineer — State of Texas

PUBLICATIONS

- “Automatic Decomposition for Parallel Reservoir Simulation,” Society of Petroleum Engineers Publication #141716, 2011, <https://doi.org/10.2118/141716-MS>
- “Optimizing Field Development Concepts for Complex Offshore Production Systems,” Society of Petroleum Engineers Publication #108562, 2007, <https://doi.org/10.2118/108562-MS>
- “Development of an Artificial Neural Network as a Pressure Transient Analysis Tool for Multilayer Reservoirs with or without Crossflow,” 18th ITU Petroleum and Natural Gas Symposium and Exhibition, Istanbul, Turkey, 2008

PATENTS

- “Systems And Methods For Two-Dimensional Domain Decomposition During Parallel Reservoir Simulation,” December 2010, Patent 20101214162211933.

OTHER

- Nationality: American and Turkish
- Language Skills: English and Turkish
- Years with Firm: Since 2017
- Software Skills: INTERSECT, Eclipse, Petrel, VIP, Nexus, DMS, ARIES, VBA, Python, and Microsoft Office



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