

**Mohamed Askar**

**Instructor**

### **Career synopsis**

I hold a Master of Science Degree and Bachelor Degree in Petroleum Engineering. Moreover, I am now preparing for a PhD degree. I hold a certificate of Training of Trainers (TOT) course and act as a registered SPE Ambassador Lecturer. I believe that I have the expertise, qualifications, and training tools to deliver the following courses:

- 1- Well Integrity Management Course
- 2- Wellhead Integrity Management Course
  
- 3- Gas Lift Systems: Design, Operation, and Optimization Course
  
- 4- Well Acid Stimulation Techniques Course
- 5- Perforation Methods and Applications Course
- 6- Oilfield Scale Management and Flow Assurance Course
- 7- Production Technology Course
- 8- Formation Damage; Evaluation, Prevention, and Treatment Course

If you wish, I can supply you with the course content of any mentioned course. I tailor the course content based on client needs and requirements to achieve the maximum benefit for the course attendees. I can send you actual feedback and evaluations from previous trainees, whom I was honored to teach and train.

I have attached my updated CV for your consideration. Below is a brief background about my professional career.

I am currently working as a Well Integrity Engineer with more than 11 years working experience in the oil industry. I have a diverse expertise of different Petroleum Engineering roles including Well Integrity, Production Technology, Well Intervention, Flow Assurance, and Petroleum Engineering. I have a valid IWCF (Level 4 Well Control Certification).

Moreover, I have multiple contributions in several conferences including SPE, MOC, EGYPS, and EOGC. I also participated in several industry courses training petroleum engineers and students covering Well Integrity Management, Scale Management, Gas Lift, Stimulation, Perforation, and Well Intervention activities. The courses were conducted face-to-face and online.

### **Professional experience**

#### **January 2021-Until now - Well Integrity Team Lead - Gulf of Suez Petroleum Company (GUPCO), Gulf of Suez, Egypt**

- Trained many WI Junior engineers and assured their efficient and rapid work engagement.
  - Performed comprehensive evaluations for Well Integrity (WIMS) software packages and new Technologies.
  - Identified and prioritized tens of high-risk wells, and led their corrective actions that secured their integrity and mitigated potential risks.

- Led several rig approach activities and confirmed the highest level of comprehensive platform integrity through WIMS-based assessments.
- Review and evaluate cement bond and casing evaluation logs for well development or abandonment (P&A).
- Recommend permanent barriers for P&A wells ensuring well integrity during abandonment operations.
- Curriculum development
- Personnel training
- Knowledge test / assessment

#### **January 2019-Until now - Trainer and Consultant - Freelancer, Worldwide**

- Act as a Registered SPE Ambassador Lecturer to deliver SPE Speeches in workshops and technical sessions.
  - Provided various consultations including Well Integrity Solutions, Produced Water Management, Produced Water Re-Injection (PWRI), Water Treatment and Flow Assurance.
  - Provided multiple Online and Physical Training Classes for Professionals, Companies, and University Students.
- Curriculum development
- Personnel training
- Knowledge test / assessment

#### **February 2020-January 2021 - Well Integrity Engineer - Gulf of Suez Petroleum Company (GUPCO), Gulf of Suez, Egypt**

- Managed the well integrity of over 400 producer wells, ensuring their adherence to WIMS protocols.
  - Utilized IBM Maximo software to schedule well integrity barrier testing within the WIMS framework.
  - Administrated Risk Assessment meetings and documented findings to maintain acceptable risk levels.
  - Performed well integrity related calculations (MAASP and tubing leak rate) to optimize well integrity strategies.
  - Developed and executed successful plans to identify, manage, and solve problems of sustained annulus pressure.
- Curriculum development
- Personnel training

#### **May 2019-February 2020 - Flow Assurance and Study Team Lead - Gulf of Suez Petroleum Company (GUPCO), Gulf of Suez, Egypt**

- Supervised multiple studies to reduce reservoir souring, manage sand production, scavenge hydrogen sulfide and remove exotic scale accumulations.
  - Acted as SPA of the design and implementation of scale inhibition deploying methods.
  - Achieved the highest level of scale control in the company and optimized multiple stimulation
- Personnel training

#### **June 2018-May 2019 - Scale Management Engineer - Gulf of Suez Petroleum Company (GUPCO), Gulf of Suez, Egypt**

- Reviewed and studied 1500 downhole scale depositions and their related causes to improve scale prediction. Implemented SQUEEZE8 software, Heriot Watt University for designing scale inhibitor squeezes.
  - Followed up scale coupons and well gauging activities for proactive scale inhibition strategies.

- Personnel training

**July 2017-June 2018 - Section Head - Gulf of Suez Petroleum Company (GUPCO), Gulf of Suez, Egypt**

- Managed 4-engineer team to prepare oil-gaining well intervention campaigns for several production platforms.
  - Developed Well Work hopper and system optimization to identify production opportunities.
  - Recommended Well Testing Strategies and monitored well performance daily to diagnose well anomalies.
  - Design, supervise, and optimize Artificial Lift Methods including Gas Lift and ESP.
- Personnel training

**July 2013-July 2014 - Production Technology Engineer - Gulf of Suez Petroleum Company (GUPCO), Gulf of Suez, Egypt**

- Designed and supervised well intervention jobs conducted by Slick Line, E-line, and Coiled Tubing.
  - Accomplished well modelling using Prosper and Pipesim which optimized well performance
  - Designed and supervised pumping jobs e.g. Well Stimulation and Tubing Cleaning.
  - Recommended and witnessed sand control methods e.g. gravel pack and sand screens.

**Education and qualifications**

<b>Type</b>	<b>Name</b>
2024 - 2027, Ph.D	Near East University, Lefkosa-KKTC, Turkey., Petroleum and Natural Gas Engineering
2018 - 2023, Master	Faculty of Engineering, Cairo University, Cairo, Egypt., Petroleum Engineering
2007 - 2012, Bachelor	Faculty of Petroleum and Mining Engineering, Suez Canal University, Suez, Egypt., Petroleum Engineering

**Language: Arabic, English**