



Curriculum Vitae

Sameh Macary



QUALIFICATIONS

Ph. D. Petroleum Engineering

KEY SKILLS

Reserve Estimation

Risk Assessment:

Reservoir Engineering,

Production Eng. Technology

Petroleum Engineering

Reservoir Characterization

Project Evaluation

Fluids/Rock Properties

Formation Evaluation

Oil Field Quality Control

Statistical Techniques for Chemical
and Engineering Data Processing

YEARS OF EXPERIENCE

30+

PROFILE

Sameh has worked for both academic institutions (university and research centers) & service companies; non-operating joint venture (noJV) and operating companies; governmental and private sectors, major ioc/nocs & small independents.

EXPERIENCE

Sameh has developed curricula and materials for training courses covering Petroleum Technology, Reservoir Engineering, Reserves Estimation and Classification, Risk Assessment and Petroleum Economics for many years to be introduced not only to petroleum engineers, but also engineers of other engineering disciplines, geologists and administrative assistants in many Companies in the Middle East and the Globe. He used to be an instructor with "Petroskills".

Sameh never stopped cooperating with Schools of Eng. (different Countries) in terms of training students and establishing Chapters for SPE. One big contribution of mine is the mentoring efforts for Horizon Program participants (new hires/young professionals).

SELECT PROJECT EXPERIENCE

- Dragon Oil, Senior Petroleum Engineer, 06/2016-Current
Last Industry assignment is with Dragon Oil. I'm responsible, in particular, for production monitoring & optimization and developing strategies for sand, wax, asphaltene and water management. Risk management and mitigation is one of my responsibilities regarding new drilling as H2S presents a real challenge for wells drilling and completion. In this position, I'm still used to play a key role in mentoring and supervising Nationals
- Edith Cowan University, Industry Advisor, 08/2015-03/2016
Responsibility was to develop Syllabus required to establish new Petroleum Engineering Department in the School of Engineering, in addition to identifying laboratory requirements
- Chevron-Kazakhstan, Production Engineering Advisor, 03/2011-08/2015
Was managing water production, injection and disposal strategies. Risk management and mitigation was one of my responsibilities regarding new drilling in H2S real challenge. I managed Intersect (Chevron simulator) and IPM coupled model, geo-mechanical reservoir simulation, artificial lift and specifications of waste water for subsurface disposal.

Dealing with multi-tasks at the same time allows me to have interface with so many other disciplines: D&C, G&G, Regulatory, Legal, Finance, HSE and Service Companies and from the Field side: Field Ops, Utilities, Process Engineering and different laboratories. In this position, I used to play a key role in mentoring and supervising graduates and Horizon Engineers (National Local Content).



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SUPPLEMENTARY

Water injection

Water disposal

Artificial lift

Sand management

Wax management

Pressure-volume-temperature (PVT)

Advanced core analyses

- Chevron-Australia, Petroleum Engineering Advisor, 08/2007-03/2011
Decision making support for Major Capital Projects like FPSO replacement and North Rankin-2 Compression Project (6B\$). Sameh had full responsibility upon NWS reserves estimate of Chevron Australian Business Unit (SEC Reporting System) with no single SOX related issue. In this position, I used to play a key role in mentoring and supervising graduates and Horizon Engineers.
- IPR Group of Co. Int., Ltd., Chief Reservoir Engineer, 09/2004-06/2007
Responsible for reservoir studies, reserves estimates and economic evaluation of all IPR Gulf of Suez (GOS) & Western Desert (WD) concessions in Egypt and Worldwide, both exploration and development areas.
- Schlumberger (DCS), Part-Time Consultant, 02/2002-08/2004
Reserve Estimation and economic evaluation of all projects conducted by DCS-SLB (Egypt) for clients from Sudan, Pakistan, India and Egypt; served in the capacity of Technical editor of the final reports of these studies.
- GUPCO-AMOCO/BP, Part-Time Consultant, 02/1994-02/2002
Completed many analyses for different water injection projects to optimize the efficiency and studies to improve on gaslift performance. Another big project was the design of workover data base for October field (> 600 jobs) to optimize the workover program. Was able to develop PVT expert system with more than 400 PVT studies gathered from all oil producing areas in Egypt.
- EPRI, Prof. of Petroleum Eng. & Head of Production Dept., 11/1999-09/2000
Establishment of Gas-Condensate PVT Lab in EPRI. Senior Petroleum Consultant and Engineering Teams Leader responsible for numerous reservoir studies for major fields in Egypt. Activities included reservoir engineering evaluation, design, implementation of PVT and special core analysis projects.
- Azerbaijani State Oil & Industry Univ., Ph. D. Research 10/1985-01/1989
The research was focused on the elaboration of forecasting methods (both mathematical and statistical) to control the operations and optimize production scenarios from Ramadan Oil Field (GOS) operated by GUPCO.
- Cairo Univ., F. of Eng., Instructor, 11/1981-11/1983
Dept. of Eng. Physics & Math, Faculty of Engineering, Cairo Univ.