

CV / Sofian Abdussalam S. Ayad

Sofian1828@gmail.com

Tajoura /Tripoli-Libya

Personal Information:

Name: Sofian Abdussalam S. Ayad
Major: Petroleum Engineering
Place and Date of Birth: July 30, 1981, Tripoli, Libya
Nationality: Libyan
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Academic Qualification:

- **B.Sc.**, *Petroleum Engineering*, 2007, University of Tripoli, Faculty of Engineering / Petroleum Department, Tripoli-Libya
- **M.Sc.**, *Petroleum Engineering*, 2017, University of Tripoli, Faculty of Engineering / Petroleum Department, Tripoli-Libya

Career Objectives:

- Reservoir-Geomechanics Engineer
- Production Optimization
- Formation Evaluation
- Well Test Interpretation

Training Courses:

August 2006

WOC

WAHA Oil Company, Libya

Well Testing and Production Department

The training consists of the following: on job training in all departments and stations in Waha oil field

December 2006

WOC

WAHA Oil Company, Libya

Well Testing Interpretation

The training consists of the well test interpretation by using **Eclipse Simulation Software (Well-test 200)** in Horizontal Wells

January 2007

Schlumberger Oilfield Services Company, Libya

DCS Department

Well Testing Interpretation.

The training consists of the well test interpretation by using: **Saphir Software** in Horizontal Wells

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- June-August 2007** **Schlumberger Oilfield Services Company, Libya**
DCS Department
Reservoir Engineer
(The overview of *Reservoir Engineer application* includes *Oil Well Test Interpretation, Open Hole Log Analyst, Cased Hole Log Analyst, Reservoir Simulation, and Production Optimization*)
- May-June 2008** **Schlumberger Oilfield Services Company, UAE**
DCS Department
Reservoir Engineer
(This training course included *Petrophysics Open and Cased Hole Interpretation, PVT, PLT, Reservoir and Production Engineer concepts, Reservoir Simulation, and Full Project Application*) level1
- April 2009** **Schlumberger Oilfield Services Company, UK**
DCS Department
Geomechanics Engineer
(*VISAGE_Advanced Reservoir Geomechanics* course)
- September 2009** **Schlumberger Oilfield Services Company, USA**
DCS Department
Reservoir Engineer
(This training course included *Petrophysics Open and Cased Hole Interpretation, PVT, PLT, Reservoir and Production Engineer Concepts, Reservoir Simulation, and Full Project Application*) level2

Industrial and Academic Experience:

- June 2007 to December 2008** **Schlumberger Oilfield Services Company, Libya**
 - DCS Department**Reservoir Engineer**
 - (*Oil Well Test Interpretation, Open Hole Log Analyst, Cased Hole Log Analyst, Reservoir Simulation and Production Optimization*)
- January 2009 to April 2010** **Schlumberger Oilfield Services Company, Libya**
 - DCS Department**Geomechanics Engineer**
 - (*Geomechanics Studies* for different oil fields and Wellbore Stability)
- May 2010 to December 2012** **Dar Altawasl Oil Services Company, Libya-Tripoli Office; Sharing with Al Qimma-EREX in consulting projects**
Reservoir Engineer
 - Technical consultant at the *Engineering department of Dar Altawasl Oil Services Company* for different oil fields

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**May 2010 to
December 2014**

**Dar Altawasl Oil Services Company, Libya-Tripoli
Office;**

Reservoir Engineer:

- Teaching different courses for undergraduate studies in the subjects of *Reservoir Engineering, Drilling Engineering, Well Logging, Well Completion and Stimulation, Fluid Flow through Porous Media and Production Design*
- Supervised various technical research in the areas of petroleum engineering projects for *Petroleum Engineering Department* at the University of Tripoli and the Libyan Oil Companies

**January 2012 to
March 2016**

University of Tripoli, Faculty of Engineering, Libya

- *Teacher Assistant at Department of Petroleum Engineering, University of Tripoli*

**September 2017 to –
Present day**

University of Tripoli, Faculty of Engineering, Libya

- *Assistant Professor, Department of Petroleum Engineering, University of Tripoli*

**January 2015 to –
Present day**

Traniem Al-Aleem Training Courses Center, Libya

- Teaching different courses for both undergraduate and postgraduate studies in the subject/areas of *Reservoir Engineering, Production Design, Natural Gas Engineering, Transient Pressure Analysis in Vertical and Horizontal Wells, Drilling Engineering, Well Logging, Well Completion and Stimulation, and Fluid Flow through Porous Media*
- Supervised technical research in petroleum engineering projects for *Petroleum Engineering Department* at the University of Tripoli and the Libyan oil companies

**January 2018 to –
Present day**

PETECH Oilfield Services Company, Libya

Reservoir-Geomechanics Engineer

- *Reservoir Geomechanics Modeling, Well Test Interpretation, Reservoir Performance, Production Optimization, and Formation Evaluation*

Academic Supervision:

Since 2010, I co-supervisor various *Undergraduate and Postgraduate Studies Projects* for fifth year students at the Department of Petroleum Engineering, University of Tripoli, in Tripoli, Libya.

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Petroleum Engineering Selected Short Courses:

Presented and taught several petroleum engineering short courses in the following subjects/areas of expertise:

- *Fundamentals of Reservoir Engineering*
- *Applied Reservoir Engineering*
- *Reservoir Fluids Behavior (EOS Modeling)*
- *Transient Pressure Analysis in Vertical and Horizontal Wells*
- *Reservoir Performance Analysis and Water Influx Modeling*
- *Fundamental of Reservoir Geomechanics*
- *Formation Evaluation*
- *Well Drilling Technology*
- *Well Control (IWCF) Preparation Course*
- *Pore and Fracture Pressures Estimation*
- *Production Operations and Nodal Analysis*
- *Optimization of Perforation Density*
- *Sand Production Management*

Other Talents and Skills:

- Excellent level in *Microsoft Office: Word, Excel, and Power Point*
- *Petroleum Software* by using Microsoft Excel Work Sheet
- *Saphir Software* for Well Test Interpretation
- *Genoframe Software* for Open and Cased Hole Logs Interpretation.
- *Stonefish Software* under Petrel for Geomechanics
- *Integrated Performance Modeling (IPM) Software:* including PROSPER, MBAL, PVTP

References

- ***Dr. Nuri K. Ben Hameda***
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- ***Dr. Mohamed Nasr***
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