

Hatem Abid M. Ali



"As I began my business life as a bookkeeper, I learned to have great respect for figures and facts, no matter how small they were"

John D. Rockefeller, petroleum tycoon and the richest man of his time who gave away over \$500 million to charity. Born 1839. Died 1937.

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SUMMARY

My main works is focus in Reservoir Characterization and Simulation. Also I am Keen on Programming Languages. On the theoretical level ,I'm very interest in scientific researches, My focus is on fluid mechanics and mathematical modeling. I press toward improving petroleum engineering sciences education in my country and toward better future for E&P industry around the world using all theoretical knowledge converting it to the real-life using all available techniques.

Education

- College of Engineering-Kirkuk University

BSc, Petroleum Engineering, 2013 – 2017

Student representative in the second and third stages.

Present a short course in EXCEL to my mates.

Contribute in the University's day introducing MatLab-script used to calculate variables of flow in straight pipes.

Introduce programs written by MatLab and VB used to solve petroleum equations' parameters. and other minor works.

- Iraq for Distinguished Pupils Secondary School

BC of high school, Scientific section, Excellent, 2008 – 2013

Distinguished Pupil and I'm from top 10.

My mark in the secondary school is (94.6/100).

- Ibn Al-khaldoon

BC of primary school, fundamentals of sciences, 2001 – 2007

Awards

The first on the top ten Students at the second stage.

College of Engineering, October 2015

From the top quarter at the first stage.

College of Engineering, October 2014

From the top ten students.

Al-Iraq high school for distinguished pupils, October 2013

Fourth place in the ranking of successful students.

Ibn Al-khaldoon primary school, October 2007

Samples of:

-Programs(VB):

SP (Find Rw fro SP-log)

Archie's Equation Solver
(Solve any of Archie's
equation Parameters)

NaCl concentration (Chart
into calculator)

Level-By-level Gomez
method (Find a,m and n)

And others which is provided
on request.

-Nomographs:

Brooks-Corey Method (Set
of Nomographs).

Darcy's Equation
Nomographs.

Flow in Pipes(Darcy's
Equation)

NaCl concentration
Nomograph.

And others which is provided
on request.

-Other Softwares:

Works in petroleum
Softwares such as
Techlog ,Voxler,Strater.

Signature:

Computer Skills

CMG, Techlog, Voxler, Strater, Surfer, Didger, Grapher, Matlab, Nomograph Design, Microsoft PowerPoint, Microsoft Excel, Microsoft Publisher, Microsoft Word, Qbasic, Visual Basic .NET (VB.NET), Visual Basic, Fortran.

Organizations

SPE, since 2014.

Languages

- English
Professional working proficiency.
- Arabic
Native or bilingual proficiency.

Projects

Flow in Straight Pipes

Developed to Solve Flow in Straight Pipes And (Reynold No, Darcy Friction, PI -groups Solutions).

Petroleum's Equations Nomographs

Various Nomographs using Pynomo Package script for many equations such as darcy's equation, NaCl concentration, Flow in pipes...etc

Publications

Fluid Mechanics: Flow in Straight Pipes and its Extensions(Darcy Friction Factor and PI-groups Solutions), MathWorks.com

Interests and Activities

Scientifically: Programming, Simulation and Modeling.

Personally: Management, teamwork, public speaking.

Hobbies

Reading and viewing.