

CURRICULUM VITAE

PERSONAL INFORMATION:

Name : Jihad Husain Al-Jouma`a
Place & Date of Birth : Baghdad, 4th of July 1987
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Marital Status : Single
Religion : Muslim
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EDUCATION:

- 1- Ph.D. in Petroleum Engineering (Reservoir Simulation and Formation Evaluation), Baghdad University / Petroleum Engineering Department, 2019
(Top of the class)
- 2- M.Sc. in Petroleum Engineering, Baghdad University / Petroleum Engineering Department, 2011
(Top of the class)
- 3- B.Sc. in Petroleum Engineering, Baghdad University / Petroleum Engineering Department, 2008
(within top 10 students)

LANGUAGE SKILLS:

Arabic : Mother tongue
English : Speaking: Very Good, Writing: Very Good, Understanding: Very Good
French : Studied for six years in secondary school

COURSES & FORMAL TRAINING :

- 1- Iraq, Baghdad, University of Technology, Career center development workshop training by IREX and Ministry of Higher Education, 2017
- 2- Advanced Reservoir Engineering Ph.D. Courses in (Reservoir Engineering, Reservoir Simulation, Enhanced Oil Recovery, Fluid Flow Through Porous Media, Fluid Flow Through Pipes, Drilling Engineering, Formation Evaluation, Optimization, English), October 2015 - October 2016 .
- 3- Iraq, Baghdad, University of Technology, Validity of Teaching Training Course, 2013
- 4- United States, Colorado School of Mines, Research Student, 2010
- 5- Iraq, Baghdad University, Reservoir Management Course, 2010
- 6- United Kingdom, British Petroleum company, Engineering Training Course 2007
- 7- United Kingdom, Reading University, English Language Training, 2007

PROFESSIONAL AFFILIATIONS :

- 1- Member in The Iraqi Engineers union since 2008
- 2- Member in The Federation of Arab Engineers union since 2012
- 3- Member in The Society of Petroleum Engineers (SPE) since 2010, Faculty advisor of University of Technology / Baghdad chapter since 2020
- 4- Member in American Geophysical Union (AGU) since 2010

PATICIPATIONS:

- 1- The Seventh Sovereignty Scientific Festival for Youth Scientific Creations, Ministry of Youth and Sport, (as Participant), 2013
- 2- Baghdad International Fair (as Petroleum technology Department representative), 2013
- 3- The First Gas Workshop in Iraq, Iraq Energy Academy, (as IEA Interpreter), 2013
- 4- The Second Scientific Seminar of New Techniques in Oil Refining, University of Technology, (as Participant), 2013
- 5- Iraq Virtual Science Library Seminar, University of Baghdad, (as Participant), 2012

DISSERTATIONS:

1. "Applications of Upscaling Techniques in Majnoon Oil Field", PhD dissertation, 2019
2. "Increasing confidence in full field modelling and water flood planning for a giant reservoir under primary depletion through Material Balance modelling", 1st international conference on petroleum technology and petrochemicals, 2019
3. "Calculating heterogeneity of Majnoon Field/Hartha Reservoir using Lorenz Coefficient method", 1st international conference on petroleum technology and petrochemicals, 2019
4. "Calculating heterogeneity of Majnoon Field/Hartha reservoir using Dykstra Parsons method", Journal of Petroleum Research & Studies, 2019
5. "Water cut comparison for areally similar gridding system (line drive pattern)", International Journal of Mechanical Engineering and Technology (IJMET), 2019
6. "PVT investigation of an Iraqi reservoir", Journal of Petroleum Research & Studies, 2017
7. "Quantifying Uncertainty in Bottom-Hole Pressure Measurements Utilizing Single and Dual Gauges: A Case Study", SPE ATCE 2014 paper
8. "A Reservoir Simulation Study of Tertiary Reservoir / Jambour Field", M.Sc. Thesis, 2011
9. "PVT Study for Jambour Field / Tertiary Reservoir", Paper, College of Engineering Magazine in Baghdad University, 2012
10. "Qualitative and Quantitative interpretation of well test using pressure derivative", B.Sc. Graduation Project
11. "Re-Invigorating Oil Industry in Iraq", Report, BP company, UK, 2007

SUPERVISED GRADUATION PROJECTS:

1. "Velocity and Pressure Distribution of Two Phase Flow in Oil Well" , 2013-2014
2. "Pressure Derivative Interpretation in Well Testing", 2013-2014
3. "Hubbert Peak for Iraqi Oil", 2013-2014
4. "Determining the Optimum Production Rate for a Surface Facility", 2013-2014
5. "Natural Gas Compression and Transportation in Buzurgan Field (a case study)", 2014-2015
6. "Study of Injection or Artificial Lift in Single Well Model Regarding Effectuated Parameters", 2014-2015
7. "Physical Model to Demonstrate Darcy Equation experimentally", 2014-2015
8. "Simulation and Design a Condensate Pipeline using Pipesim", 2014-2015
9. "Relative Permeability Correlations Comparison in Two Iraqi Oil Fields"; 2019-2020
10. "Special Case in Radial Flow Simulation (Imbibition Process)", 2019-2020

WORK EXPERIENCE:

- 1- Lecturer / University of Technology / Petroleum Technology Department, since July 2019 (Reservoir Engineering) For 4th stage and (Gas Reservoirs) for 3rd stage.
(current position)
- 2- Assistant Lecturer / University of Technology / Petroleum Technology Department, September 2012 – July 2019 (History of Petroleum engineering, Engineering Ethics) 1st stage students, (Well Logging & formation Evaluation, Drilling Engineering, Drilling Fluids, Production Engineering, Gas transportation and storage, Reservoir Lab., Drilling Fluids Lab.) 3rd Stage and (Field and Reservoir Management, Numerical Methods and Reservoir Simulation, Production Engineering, Drilling Engineering, Numerical Methods and Reservoir Simulation Lab., Petroleum Software Lab.) For 4th Stage.
- 3- External Lecturer, Baghdad University / Petroleum Engineering Department, September 2011 – May 2012 (Reservoir Engineering Lab. / 3rd stage, Numerical Lab. / 4th stage, Reservoir Management / 4th stage, English Language / 2nd and 3rd Stage.
- 4- External Lab. Assistant Lecturer, Baghdad University / Petroleum Engineering Department, July 2008 – September 2011 / Reservoir Engineering Lab. / 3rd stage, Numerical Lab. / 4th stage, Reservoir Management / 4th stage.

COMMITTEES

Granted acknowledgement official letter for each of the following committees, in University of Technology / Baghdad / Iraq:

- 1- SPE Faculty advisor of University of Technology / Baghdad chapter since 2020-current
- 2- Petroleum Technology Department Research Unit Supervisor, 2019 – current
- 3- Petroleum Technology Department Career Center unit, 2017-2018 (head of unit)
- 4- Petroleum Technology Department Website Translation, 2012-current
- 5- Petroleum Technology Department, Students Uniform Discipline, 2012-2013
- 6- Petroleum Technology Department, Environmental and Voluntary Work, 2012-2013

- 7- Petroleum Technology Department, Textbooks regulation, 2012-2018 (head of committee)
- 8- Petroleum Technology Department, Textbooks Updating, 2012-current
- 9- Petroleum Technology Department, Laboratory tools selection, 2012-current
- 10- Petroleum Technology Department, Laboratory tools receiving and testing, 2013-2016 (head of committee)
- 11- Petroleum technology website developer, organizer and joint member of the department, 2013-2016
- 12- Petroleum Technology Laboratories Superintendent, 2013-2014
- 13- Petroleum Technology Department Determinant, 2014-2016

COMPUTER & SOFTWARE SKILLS:

1. Excellent computer skills and Microsoft office Software Pack handling (Word, Power point, Excel)
2. Skilled in using CMG[®] reservoir simulation software Pack: IMEX[®] Black Oil Simulator,
3. Skilled in using for Golden Software Pack: Didger[®] digitization software and Surfer[®] mapping software
4. Skilled in using Petroleum Experts[®] Software Pack: MBAL[®] (Material Balance) Software; PROSPER[®] software and Total System Modelling (GAP[®]) Software.
5. Skilled in using Schlumberger's InteractivePetrophysics[®] (IP) software for well log interpretation & analysis.
6. Skilled in using Neuralog software package.

INTERESTS & HOBBIES:

1. Writing poems and journal essays.
2. Reading different types of books (science and literature).

SOFT SKILLS:

- 1- Very enthusiastic and open minded individual.
- 2- Excellent Individual and team working abilities.
- 3- Aspire to be a female leader to make a difference and a pioneer in my field of expertise
- 4- Excellent supervising and organizing skills especially for large groups (Supervised more than 120 students in many national wise scientific trips)
- 5-Head of Undergraduate Students Union / Petroleum Engineering Department / Baghdad University, 2004-2008
- 6-Head of Graduate Students Union / Petroleum Engineering Department / Baghdad University, 2008-2011
- 7- Ph.D. Students representative / Petroleum Engineering Department / Baghdad University, 2015-2016

REFERENCES:

Available upon request