

Curriculum Vitae

Dr. Fuad Husain Qasem

Personal

Born: April 7th, 1965
Nationality: Kuwaiti
Address: Kuwait University,
College of Engineering and Petroleum,
Petroleum Engineering Department
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Education

- May 1996 **Ph.D.** Petroleum Engineering, University of Southern California, California, U.S.A, Ph.D. Dissertation: *Performance and Recovery Prediction in Heterogeneous Naturally Fractured Reservoirs under the Solution Gas Drive process.*
- May 1990 **M.Sc.** Petroleum Engineering, University of Southern California, California, U.S.A
- May 1988 **B.Sc.** Petroleum Engineering, University of Southern California, California, U.S.A

Principal Fields of Interest

Modeling and Simulation of Naturally Fractured Reservoirs under Solution-Gas-Drive. Gas Injection and Water Flooding of Fractured Reservoirs. Inflow Performance Relationship of Naturally Fractured Reservoirs. Reservoir Modeling and Upscaling. Well Testing of Heterogeneous Reservoirs. Geostatistics, Enhanced Oil Recovery, Fluid Flow in Porous Media. Reservoir Characterization. Modeling Partially Naturally Fractured Reservoirs.

Professional Experience and Special Duties

Jan. 16 – Dec. 16	Sabbatical , Kuwait University, The University of Southern California, Los Angeles, California, U.S.A.
Jan. 09 – Dec. 09	Sabbatical , Kuwait University, The University of Southern California, Los Angeles, California, U.S.A.
March 08–Present	Associate Professor of Petroleum Engineering, College of Engineering and Petroleum, Kuwait University, Kuwait.
Summer 02	Acting Chairman of Petroleum Engineering Department, College of Engineering and Petroleum, Kuwait University, Kuwait.
Sep. 00 – Sep. 01	Sabbatical , Kuwait University, The University of Texas at Austin, Texas Austin, <i>Tracer Injection in Partially Fractured reservoirs</i> .
Sep. 98 – Aug. 00	Chairman of Petroleum Engineering Department, College of Engineering and Petroleum, Kuwait University, Kuwait.
Sep. 96 – March 08	Assistant Professor of Petroleum Engineering, College of Engineering and Petroleum, Kuwait University, Kuwait.

Teaching Experience

Courses Taught at Kuwait University

650-101	Fundamentals of Petroleum Engineering (elective, 3 unit)
650-201	Introduction to Petroleum Engineering (required, 1 unit)
650-221	Reservoir Rock Properties (required, 3 units)
650-301	Fundamentals of Petroleum Engineering (elective, 3 units)
600-304	Probability and Statistics (required, 3 units)
650-322	Rock Properties Laboratory (required, 1 unit)
650-324	Reservoir Engineering (required, 3 units)
650-325	Fluid Flow through Porous Media (required, 3 units)
650-342	Mud and Cement Laboratory (required, 1 unit)
650-352	Subsurface Mapping (required, 1 unit)
650-355	Well Logging Laboratory (required, 1 unit)
650-395	Industrial Training (required, 6 units)
650-396	Industrial Training (required, 3 units)
650-432	Well Testing (required, 3 units)
650-449	Petroleum Economics (elective, 3 units)
650-450	Industrial Training (required, 3 units)
650-453	Fractured Reservoir Characterization (elective, 3 units)
650-481	Well Testing (elective, 3 units)
650-496	Well Design (required, 3 units)
650-503	Advanced Reservoir Engineering (required, 3 units)
650-521	Numerical Reservoir Simulation (elective, 3 units)

650-525	Advanced Fluid Flow in Porous Media (elective, 3 units)
650-539	Advanced Well Testing (elective, 3 units)
650-547	Characterization of Naturally Fractured Reservoirs (elective, 3 units)
650-592	Graduate Seminar (required, non-credit)
650-593	Research Project (required, 3 units)
650-597	Thesis (required, 3 units)
2090-514	Petroleum Economic Evaluation (required, 3 units)

Courses Taught at College of Technological Studies

650-131	Rock Properties (required, 3 unit)
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Course Load

Spring 2026	- 650-496	Well Design (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
Fall 2025	- 600-304	Probability and Statistics (required, 3 units)
	- 650-496	Well Design (required, 3 units)
Summer 2025	- 650-449	Petroleum Economics (required, 3 units)
Spring 2025	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
Fall 2024	- 600-304	Probability and Statistics (required, 3 units)
	- 650-503	Advanced Reservoir Engineering (required, 3 units)
Summer 2024	- 650-432	Well Testing (required, 3 units)
Spring 2024	- 600-304	Probability and Statistics (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-598	Thesis (required, 3 units)
Fall 2023	- 650-496	Well Design (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
	- 650-598	Thesis (required, 3 units)
Summer 2023	- 600-304	Probability and Statistics (required, 3 units)
Spring 2023	- 600-304	Probability and Statistics (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-598	Thesis (required, 3 units)
Fall 2022	- 650-496	Well Design (required, 3 units)
	- 650-503	Advanced Reservoir Engineering (required, 3 units)
	- 650-597	Thesis (required, 3 units)
Summer 2022	- 650-324	Reservoir Engineering (required, 3 units)
Spring 2022	- 600-304	Probability and Statistics (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-597	Thesis (required, 3 units)
Fall 2021	- 600-304	Probability and Statistics (required, 3 units)
	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-597	Thesis (required, 3 units)

Summer 2021	- 650-324	Reservoir Engineering (required, 3 units)
Spring 2021	- 600-304	Probability and Statistics (required, 3 units)
	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-597	Thesis (required, 3 units)
Fall 2020	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
	- 650-597	Thesis (required, 3 units)
Summer 2020	- 650-324	Reservoir Engineering (required, 3 units)
Spring 2020	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 unit)
	- 650-597	Thesis (required, 3 units)
Fall 2019	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-496	Well Design (required, 3 unit)
	- 650-503	Advanced Reservoir Engineering (required, 3 units)
	- 650-597	Thesis (required, 3 units)
Summer 2019	- 650-324	Reservoir Engineering (required, 3 units)
Spring 2019	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-525	Advanced Fluid Flow in Porous Media (3 units)
	- 650-597	Thesis (required, 3 units)
Fall 2018	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 unit)
	- 650-597	Thesis (required, 3 units)
Summer 2018	- 650-324	Reservoir Engineering (required, 3 units)
Spring 2018	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
Fall 2017	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
Summer 2017	- 650-324	Reservoir Engineering (required, 3 units)
Spring 2017	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-539	Advanced Well Testing (elective, 3 units)
Fall 2016		Sabbatical, Kuwait University
Summer 2016		Sabbatical, Los Angeles, California, U.S.A.
Spring 2016		Sabbatical, Kuwait University
Fall 2015	- 650-432	Well Testing (required, 3 units)
	- 650-432	Well Testing (required, 3 units)
	- 650-449	Petroleum Economics (required, 3 units)
	- 650-597	Thesis

Summer 2015	- 650-432	Well Testing (required, 3 units)
Spring 2015	- 650-432	Well Testing (required, 3 units)
	- 650-449	Petroleum Economics (required, 3 units)
	- 650-496	Well Design (required, 3 unit)
	- 650-597	Thesis
Fall 2014	- 650-432	Well Testing (required, 3 units)
	- 650-525	Advanced Fluid Flow in Porous Media (3 units)
	- 650-597	Thesis
Summer 2014	- 650-432	Well Testing (required, 3 units)
Spring 2014	- 650-432	Well Testing (required, 3 units)
	- 650-503	Advanced Reservoir Engineering (required, 3 units)
Fall 2013	- 650-432	Well Testing (required, 3 units)
	- 650-449	Petroleum Economics (required, 3 units)
	- 650-597	Thesis
Summer 2013	- 650-432	Well Testing (required, 3 units)
Spring 2013	- 600-304	Probability and Statistics (required, 3 units)
	- 650-352	Subsurface Mapping (required, 1 unit)
	- 650-432	Well Testing (required, 3 units)
	- 650-503	Advanced Reservoir Engineering (required, 3 units)
Fall 2012	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-342	Mud and Cement Laboratory (required, 1 unit)
	- 650-355	Well Logging Laboratory (required, 1 unit)
	- 600-432	Well Testing (required, 3 units)
	- 600-539	Advanced Well Testing (elective, 3 units)
Summer 2012	- 650-101	Fundamentals of Petroleum (elective, 3 units)
Spring 2012	- 600-304	Probability and Statistics (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
Fall 2011	- 600-304	Probability and Statistics (required, 3 units)
	- 600-304	Probability and Statistics (required, 3 units)
Summer 2011	- 650-101	Fundamentals of Petroleum (elective, 3 units)
Spring 2011	- 650-496	Well Design (required, 3 units)
	- 650-525	Advanced Fluid Flow in Porous Media (3 units)
Fall 2010	- 600-304	Probability and Statistics (required, 3 units)
	- 650-496	Well Design (required, 3 units)
Summer 2010	- 650-101	Fundamentals of Petroleum (elective, 3 units)
Spring 2010	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
Fall 2009		Sabbatical, Kuwait University
Summer 2009		Sabbatical, Los Angeles, California, U.S.A.
Spring 2009		Sabbatical, Kuwait University
Fall 2008	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 600-304	Probability and Statistics (required, 3 units)
Summer 2008	- 650-101	Fundamentals of Petroleum (elective, 3 units)
Spring 2008	- 650-432	Well Testing (required, 3 units)

	- 650-496	Well Design (required, 3 units)
	- 650-597	Thesis
Fall 2007	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 600-304	Probability and Statistics (required, 3 units)
	- 650-597	Thesis
Spring 2007	- 650-432	Well Testing (required, 3 unit)
	- 650-547	Characterization of Naturally Fractured Reservoirs
	- 650-597	Thesis
Fall 2006	- 650-301	Fundamentals of Petroleum Engineering (elective)
	- 600-304	Probability and Statistics (required, 3 units)
	- 650-597	Thesis
Spring 2006	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 650-432	Well Testing (required, 3 units)
	- 650-597	Thesis
Fall 2005	- 650-449	Petroleum Economics (elective, 3 units)
	- 650-539	Advanced Well Testing (3 units)
	- 650-597	Thesis
Spring 2005	- 650-496	Well Design (required, 3 units)
	- 650-525	Advanced Fluid Flow in Porous Media (3 units)
Fall 2004	- 650-496	Well Design (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs
Spring 2004	- 650-432	Well Testing (required, 3 units)
	- 650-496	Well Design (required, 3 units)
Fall 2003	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 650-496	Well Design (required, 3 units)
	- 650-521	Numerical Reservoir Simulation (required, 3 units)
Spring 2003	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-432	Well Testing (required, 3 units)
	- 650-547	Characterization of Naturally Fractured Reservoirs (elective, 3 units)
Fall 2002	- 650-221	Reservoir Rock Properties (required, 3 units)
	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-449	Petroleum Economics (elective, 3 units)
Summer 2002	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-396	Industrial Training (required, 3 units)
Spring 2002	- 650-101	Fundamentals of Petroleum (elective, 3 units)
	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-432	Well Testing (required, 3 unit)
Fall 2001	- 000-131	Rock Properties (required, 3 units)
	- 650-221	Reservoir Rock Properties (required, 3 units)
	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-449	Petroleum Economics (elective, 3 units)
Summer 2001		Sabbatical, Austin, Texas, U.S.A.

Spring 2001		Sabbatical, Kuwait University
Fall 2000		Sabbatical, Kuwait University
Summer 2000	- 650-221	Reservoir Rock Properties (required, 3 units)
	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-396	Industrial Training (required, 3 units)
Spring 2000	- 650-325	Fluid Flow through Porous Media (required, 3 units)
	- 650-355	Well Logging Laboratory (required, 1 unit)
Fall 1999	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-432	Well Testing (required, 3 units)
Summer 1999	- 650-325	Fluid Flow through Porous Media (required, 3 units)
	- 650-395	Industrial Training (required, 6 units)
	- 650-396	Industrial Training (required, 3 units)
Spring 1999	- 650-221	Reservoir Rock Properties (required, 3 units)
	- 650-395	Industrial Training (required, 6 units)
	- 650-396	Industrial Training (required, 3 units)
Fall 1998	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-325	Fluid Flow through Porous Media (required, 3 units)
Spring 1998		Military Service
Oct-Dec 1997		Military Service
Sep. 1997	- 650-324	Reservoir Engineering (required, 3 units)
	- 650-453	Fractured Reservoir Characterization (elective, 3 units)
Summer 1997	- 650-324	Reservoir Engineering (required, 3 units)
Spring 1997	- 650-322	Rock Properties Laboratory (required, 1 unit)
	- 650-432	Well Testing (required, 3 units)
Fall 1996	- 650-201	Introduction to Petroleum Engineering (required, 1 unit)
	- 650-481	Well Testing (elective, 3 units)

Professional Affiliation

1986 – Present	Member of the Society of Petroleum Engineers (SPE)
2004 – Present	Member of Gas Consulting Group (Kuwait University)

Honors and Awards

Sep. 1990	Kuwait University Scholarship for Ph.D.
April 1990	Outstanding Academic Achievement, Office for International Students and Scholars, University of Southern California.
Sep. 1988	Ministry of Education Scholarship for M.Sc.
Sep. 1987	Dean Honor List Fall 1997, University of Southern California.
May 1987	Dean Honor List Spring 1997, University of Southern California.
	Member of Pi Epsilon Tau Honor Society.
Sep.1983	Ministry of Education Scholarship for B.Sc.

Administrative Responsibilities

Member of several departmental committees

- Head of Graduate Program Committee.
- Head of Research Committee.
- Head of Budget Committee.
- Head of Equipment Committee. **Established DBR PVT Laboratory** in the Department of Petroleum Engineering.
- Head of Computer Committee. **Established computer labs (PC and SUN systems)** in the Department of Petroleum Engineering. Evaluation and recommendation for the upgrade of hardware and software.
- Head of Undergraduate Program Committee (**UPC**).
- Head of Schedule Committee.
- Head of Scholarship Committee.
- Head of Recruitment and Renewal Committee.

Intensive Short Courses

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| Oct. 2003 | Oil Industry Economics , OCCD, College of Engineering and Petroleum, Kuwait University. |
| April 2003 | Basic Oil Economy , OCCD, College of Engineering and Petroleum, Kuwait University. |
| April 2002 | Basic Oil Study , OCCD, College of Engineering and Petroleum, Kuwait University. |
| Nov. 2001 | Oil Industry Economics , College of Engineering and Petroleum, Kuwait University. |
| April 2001 | Basic Oil Economy , College of Engineering and Petroleum, Kuwait University. |
| April 2001 | Basic Oil Technology , OCCD, College of Engineering and Petroleum, Kuwait University. |
| April 2000 | Basic Oil Study , OCCD, College of Engineering and Petroleum, Kuwait University. |
| Nov. 1999 | Artificial Lift Method: Application and Design , OCCD, College of Engineering and Petroleum, Kuwait University. |
| 1999 | Fundamentals of Petroleum Engineering , OCCD, College of Engineering and Petroleum, Kuwait University. |
| April 1999 | Environmental Consideration in Engineering Applications , OCCD, College of Engineering and Petroleum, Kuwait University. |
| 1998 | Fundamentals of Petroleum Engineering , OCCD, College of Engineering and Petroleum, Kuwait University. |

March 1998 **Environmental Consideration in Engineering Applications**, OCCD,
College of Engineering and Petroleum, Kuwait University.

Funded Research Projects

No.	Position	Title	Dates
YE01/14	Principle Investigator	Inflow Performance Relationships for Horizontal Wells Producing from Naturally Fractured Solution Gas-Drive Reservoirs	1/7/2014 31/12/2015
EP03/10	Principle Investigator	Pressure Transient Behavior of Partially Fractured Reservoirs	1/8/2012 31/7/2016
2011-1504-02	Principle Investigator	Production Management of Solution Gas Drive Partially Naturally Fractured Reservoirs	1/9/2012 1/9/2016
2006-1504-03	Principle Investigator	Recovery Performance of Partially Fractured Gas Condensate Reservoirs	1/4/2006 1/4/2010
EP01/03	Principle Investigator	Modeling Inflow Performance Relationships for Wells Producing from Solution-Gas Drive Layered Reservoirs	1/1/2004 31/7/2006
EP02/02	Co-Investigator	Well Test Analysis of Gas Wells Producing at Constant-Bottomhole Pressure with non-Darcy Flow and Formation Damage	1/7/2002 30/6/2003
EP01/02	Principle Investigator	Recovery Performance of Partially Fractured Reservoirs by forced Imbibition and Capillary Imbibition	1/7/2002 30/8/2003
EP02/01	Principle Investigator	Tracer Response in Partially Fractured Reservoirs	6/5/2001 5/5/2002
EP05/00	Principle Investigator	An Innovative Approach for the Detection of Wellbore Phase Redistribution Effects During Well Test Analysis	1/9/2000 31/12/2001
EP04/00	Co-investigator	A Numerical Study for the Prediction of Gravity Segregation in Heterogeneous Reservoirs	13/8/2000 12/11/2001

Publications

Theses/Reports

Qasem, Fuad.: *Performance and Recovery Prediction in Heterogeneous Naturally Fractured Reservoirs Under the Solution Gas Drive process*. Ph.D. Dissertation, University of Southern California, May **1996**,

Journal Papers Publications

1. Omar Shaaban, **Qasem, Fuad**, Adel Elsharkawy. "On the Interchangeability between the Forchheimer and the Backpressure Models for Gas Well Deliverability" *SPE Journal*, pp. 1-13, **2025**.
2. **Qasem, Fuad**, Hasan Baqer, Ali A. Garrouch. "Insights into the Breakthrough Time of Water Coning Phenomenon in Partially Naturally Fractured Reservoirs" *Petroleum Science and Technology*, Vol. 28, pp 23-43, **2025**.
3. **Qasem, Fuad**, Omar Shaaban, Adel Elsharkawy. "Gas well deliverability: backpressure, Forchheimer, and numerical models" *Petroleum Science and Technology*, pp. 1-18, **2024**.
4. **Qasem, Fuad**, Hussain Al-Mazidi, Nashawi, I.S. "Developing an inflow performance relationship for predicting hydrocarbon recovery from horizontal wells operating in partially naturally fractured reservoirs under solution-gas drive" *Petroleum Science and Technology*, pp. 1-28, **2024**.
5. **Qasem, Fuad**, Nashawi, I.S. "Simulation and performance prediction of partially naturally fractured reservoirs under solution gas drive primary recovery and gas injection processes" *Journal of Petroleum Exploration and Production Technology*, Vol. 14, pp 1259-1282, **2024**.
6. **Qasem, Fuad**, Malallah, Adel, Nashawi, I.S., and Mir, M.I. "Inflow Performance Relationships for Layered Solution-Gas Drive Reservoir" *International Journal of Petroleum Engineering*, Vol. 2, No. 4, pp 265-288, **2016**.
7. **Qasem, Fuad**, Nashawi, I.S., Malallah, Adel, and Mir, M.I. "Modeling Inflow Performance Relationships for Wells Producing from Two-Layer Solution-Gas Drive Reservoirs Without Cross-Flow" *Petroleum Science and Technology*, Vol. 30, pp 1122-1139, **2012**.
8. **Qasem, Fuad**, Nashawi, I.S., Gharbi, R.B., and Mir, M.I.: "Recovery Performance of Partially Fractured Reservoir by Capillary Imbibition," *Journal of Petroleum Science and Engineering*, Vol. 60, No. 1, pp. 39-50, **2008**.
9. Nashawi, I.S., **Qasem, Fuad** and Gharbi, R.B.: "Transient Pressure Analysis of Gas Wells Producing at Constant Pressure," *Journal of Petroleum Science and Engineering*, Vol. 40, Nos. 1-2, pp. 89-102, **2003**.
10. Gharbi, R.B., **Qasem, Fuad** and Smaoui, Nejib: "Characterizing Miscible Displacements in Heterogeneous Reservoirs Using the Karhunen-Loeve Decomposition," *Petroleum Science and Technology*, Vol. 21, Nos. 5 & 6, pp. 747-776, **2003**.

11. **Qasem, Fuad**, Gharbi, R.B., and Mir, M.I.: "Tracer Response in Partially Fractured Reservoirs," *Petroleum Science and Technology*, Vol. 20, Nos. 9 & 10, pp. 915-938, **2002**.
12. **Qasem, Fuad**, Nashawi, I.S., and Mir, M.I.: "Detection of Pressure Buildup Data Dominated by Wellbore Phase Redistribution Effects," *Journal of Petroleum Science and Engineering*, Vol. 34, Nos. 1-4, pp. 109-122, **June 2002**.
13. Gharbi, R.B., **Qasem, Fuad** and Peters, E.J.: "A Relationship between the Fractal Dimension and Scaling Groups of Unstable Miscible Displacements," *Experiments in Fluids*, Vol. 31, pp. 357-366, **January 2001**.
14. Garrouch, A., Ali, L., **Qasem, Fuad**: "Using Diffusion and Electrical Measurements to Assess Tortuosity of Porous Media," *Ind. Eng. Chem. Res.* Vol. 40, No. 20, pp. 4363-4369, **2001**.

Conference Papers Publications

1. **Qasem, Fuad**, "Pressure Transient Behavior of Partially Naturally Fractured Reservoirs" paper OTC 26614 presented at the Offshore Technology Conference Asia, Kuala Lumpur, Malaysia, March 22–25, **2016**.
2. **Qasem, Fuad**, Gharbi, R.B., and Bodoor Baroon.: "IPR in Naturally Fractured Gas Condensate Reservoirs" paper SPE **Error! Reference source not found.** presented at the *SPE Latin America and Caribbean Petroleum Engineering Conference*, Maracaibo, Venezuela, May 21-23, **2014**.
3. **Qasem, Fuad**, Malallah, Adel, Nashawi, I.S., and Mir, M.I.: "Modeling Inflow Performance Relationships for Wells Producing from Multi-Layer Solution-Gas Drive" paper SPE 149858 presented at the *SPE North Africa Technical Conference and Exhibition*, Cairo, Egypt, **February 20-22, 2012**.
4. **Qasem, Fuad**, Nashawi, I.S, Gharbi, R.B., and Mir, M.I.: "Role of Capillary Imbibition in Partially Fractured Reservoir" CIPC Paper No. 2006-144 presented at the Canadian International Petroleum Conference to be held in Calgary, **June 13 - 15, 2006**.
5. **Qasem, Fuad**, Gharbi, R.B., and Mir, M.I.: "Characterizing Partially Fractured Reservoirs by Tracer Injection" paper SPE 84886 presented at the *SPE International Oil Recovery Conference*, Kuala Lumpur, Malaysia, **October 20-21, 2003**.
6. **Qasem, Fuad**, Gharbi, R.B., and Mir, M.I.: "Tracer Response in Partially Fractured Reservoirs" presented at the *Canadian International Petroleum Conference, Oklahoma*, **June 10-17, 2003**.
7. Nashawi, I.S., **Qasem, Fuad**, Gharbi, R.B., and Mir, M.I.: "An Investigation of Gas Well Testing under Constant-Bottomhole Pressure Conditions, High Velocity Flow Effects and Formation Damage" paper SPE 81516 presented at the *SPE 13th Middle East Oil Show and Conference*, Manama, Bahrain, **April 5-8, 2003**.
8. Nashawi, I.S., **Qasem, Fuad**, Gharbi, R.B., and Mir, M.I.: "Gas Well Decline Analysis under Constant Pressure Conditions, Wellbore Storage, Damage, and non-

Darcy Flow Effects,” paper SPE 75526, *SPE Gas Technology Symposium*, Calgary, Alberta, Canada, **April 30- May 2, 2002**.

9. **Qasem, Fuad**, Nashawi, I.S., and Mir, M.I.: “A new Method for the Detection of Wellbore Phase Redistribution Effects during Pressure Transient Analysis” presented at the *SPE Production and Operations Symposium* held in Oklahoma City, Oklahoma, **March 24-27, 2001**.
10. Gharbi, R.B., **Qasem, Fuad** and Peters, G.J.: “A Relationship between the Fractal Dimension and Scaling Group of Unstable Miscible Displacement,” Paper SPE 63001 presented at the *2000 SPE Annual Technical Conference and Exhibition*, Dallas, Texas, U.S.A., **October 1-4, 2000**.
11. Garrouch, A., Ali, L., **Qasem, Fuad** and S. Ebrahim, A.: “A systematic Study for Selecting an Adequate Tortuosity Model,” *SCA*, **1999**.
12. Gharbi, R.B., **Qasem, Fuad**: “The Performance of Unstable Miscible Displacement in Heterogeneous Reservoirs,” SPE 39663, *SPE/DOE 11th Symposium on Improved Oil Recovery*, Tulsa, Oklahoma, USA, **April 19-22, 1998**.
13. **Qasem, Fuad** and Ershaghi, Iraj: “A look at Issues Related to Stochastic Representation of Naturally Fractured Reservoirs,” paper SPE 35293 presented at the *1996 SPE Meeting*, Villahermosa, Mexico, **March 5-7, 1996**.
14. **Qasem, Fuad** and Ershaghi, Iraj: “Optimizing Gas Injection into Naturally Fractured Reservoir,” paper SPE 26979 presented at the *1994 SPE Meeting*, Buenos Aires, Argentina, **April 26-29, 1994**.
15. **Qasem, Fuad** and Ershaghi, Iraj: “Inflow performance of wells in naturally Fractured Reservoirs,” paper SPE 27904 presented at the *1994 SPE Western Regional Meeting*, Long Beach, California, U.S.A., **March 23-25, 1994**.

Conferences and Seminars

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| March 2024 | SPE Offshore Technology Conference Asia, Kuala Lumpur, Malaysia, February 27–March 1, 2024 . |
| Dec. 2018 | EAGE Conference on Reservoir Geoscience, Kuala Lumpur, Malaysia, December 3–5, 2018 . |
| April 2017 | SPE Workshop: Petroleum Economics – Managing Global Market Realities through Improvement of Values in an Era of Oil Price Volatility, Kuala Lumpur, Malaysia, April 18–19, 2017 . |
| March 2016 | SPE Offshore Technology Conference Asia, Kuala Lumpur, Malaysia, March 22–25, 2016 . |
| Sep. 2015 | SPE 2015 Annual Technical Conference and Exhibition, Houston, Texas, September 28-30, 2015 . |
| Feb. 2015 | SPE Forum Series How Can We Double Carbonate Reservoir Recovery? Istanbul, Turkey, February 23-26, 2015 . |
| Sep. 2014 | SPE Large Scale Computing and Big Data Challenges in Reservoir Simulation Conference and Exhibition, Istanbul, Turkey, September 15-17, 2014 . |

May 2014 SPE Latin America and Caribbean Petroleum Engineering Conference, Maracaibo, Venezuela, May 21-23, **2014**.

Jan. 2014 Geomechanics for Optimum Field Development and Production, SPE Applied Technology Workshop, Penang, Malaysia, January 19-22, **2014**.

Sep. 2013 SPE 2013 Annual Technical Conference and Exhibition, New Orleans, Louisiana, USA, September 30 - October 2, **2013**.

Sep. 2012 SPE Large Scale Reservoir Simulation - Mathematical Modeling Conference, Istanbul, Turkey, September 3-5, **2012**.

February 2012 SPE North Africa Technical Conference and Exhibition, Cairo, Egypt, February 20-22, **2012**.

May 2011 Economic and Sustainability Challenges in the Future Development of Sour Gas, SPE Forum, Bali, Indonesia, May 8-13, **2011**.

October 2010 Well Integrity from Construction to abandonment, SPE Applied Technology Workshop, Miri, Sarawak, Malaysia, October 3-6, **2010**.

October 2008 Naturally Fractured Carbonates Reservoirs Characterization, Modeling, Simulation, and Development, SPE Applied Technology Workshop, Sharm El Sheikh, Egypt, October 12-16, **2008**.

March 2008 SPE Applied Technology Workshop, Management of Technology, Langkawi, Malaysia, March 16-20, **2008**.

July 2006 Computer Modeling Group Ltd. Technical Symposium 2006, Calgary, Alberta, Canada, July 11-13, **2006**.

June 2006 Fifty Seventh Annual Technical Meeting, Canadian International Petroleum Conference, Calgary, Canada, June 13-15, **2006**.

Sep 2005 SPE Offshore Europe 2005 Oil and Gas Exhibition and Conference, Aberdeen, U.K., September 6-9, **2005**.

July 2004 Computer Modeling Group Ltd. Technical Symposium, Calgary, Canada, July 13-15, **2004**.

March 2004 SPE Asia Pacific Conference on Integrated Modeling for Asset Management, Kuala Lumpur, Malaysia, March 29-30, **2004**.

Jan. 2003 The SPE 5th International Symposium on Oil Field Scale, Aberdeen, U.K., 29-30, **2003**.

April 2002 2002 SPE 6th International Conference on Health Safety and Environment in Oil and Gas Exploration and Production, Kuala Lumpur, Malaysia, March 18-20, **2002**.

March 2001 2001 SPE Production and Operations Symposium held in Oklahoma City, Oklahoma, March 24-27, **2001**.

Nov. 1999 Fifty-Second Annual Meeting, American Physical Society Division of Fluid Dynamics, 21-23 November 1999, New Orleans, Louisiana, USA.

Feb. 1999 Eleventh Society of Petroleum Engineers Middle East Oil Show and Conferences, 20-23 February **1999**, Bahrain.

- April 1998 Eleventh Symposium on Improved Oil Recovery, Society of Petroleum Engineers/U.S. Department of Energy, **19-22** April 1998, Oklahoma, USA.
- Oct. 1997 Society of Petroleum Engineering 1997 Annual Technical Conference and Exhibition, 5-8 October **1997**, San Antonio, Texas, USA.
- Feb. 1997 Society of Petroleum Engineers 1997 International Symposium on Oil Field Chemistry, 18-21 February **1997**, Houston, Texas, USA.

Student Project Supervision

No.	Position	Name	Dates
1	Advisor	Mudhi Alajmi	2021
2	Advisor	Omar Shaban	2021
3	Advisor	Husain Almazidi	2021
4	Member	Ahmad E. Al-Shammari	2020
5	Convener	Alanood Jarrah Al-Shammari	2021
6	Co-Advisor	Bashayer Alarouj	2019
7	Member	Asrar Al-Shammari	18-11-2019
8	Advisor	Maryam Marafi	2018
9	Member	Omar Mohydin Karbouj	3-2018
10	Advisor	Hasan Baqer	2018
11	Advisor	Shaika Albalam	2013
12	Member	Nejod Alaustad	2013
13	Advisor	Mariam Taqui	27-6-2013
14	Member	Mariam Haleem Salloum	6-2013

15	Convener	Dawoud Sulaiman Mohammad	21-8-2008
16	Advisor	Bodoor Baroon	14-9-2005
17	Member	Ahmed Abdulkareem Muhammed	1/4/2000- 1/5/2002