



CURRICULUM VITAE

Gharib Moustafa Hamada

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PERSONAL INFORMATION

Name	Gharib Moustafa Hamada
Date of Birth	8 th November 1952
Nationality	Egyptian
E-mail	ghamada@uaeu.ac.ae
Tel No.	+971-3-7133547 (Office) +971-3-7046500 (Home) & Cell +971-503427940

SCIENTIFIC BACKGROUND

1983	Docteur D'Ingénieur (Doc. D'Ing) Applied Geophysics	Faculty of Sciences Bordeaux University, France
1981	Diplôme D'Étude Approfondie (DEA) Applied Geophysics	Faculty of Sciences Bordeaux University, France
1979	M.S., Petroleum Engineering Well Logging	Faculty of Engineering Cairo University, Egypt
1975	B.S., Petroleum Engineering	Faculty of Engineering Cairo University, Egypt

RESEARCH SCHOLARSHIPS

- 1- June-Sept. 1978, DAAD Scholarship for “ Training on laboratory measurements of reservoir rock petrophysical properties”, Clausthal University, Germany
- 2- Sept. 1979–June 1983, French Scholarship for “ DEA & Doc. D'Ing degrees in the field of Applied Geophysics: Doc D'Ing thesis title “Seismic wave velocity and attenuation as diagnostic parameters of marine sediments”, Bordeaux University, France
- 3- June1983–June 1984 Research Assistant Scholarship, Laboratory of Applied Geophysics, Faculty of Sciences, Bordeaux University, France.
- 4- Oct. 1996–March 1997, Danish Scholarship for “ Analysis of petrophysical properties of green sand”, Technical University of Denmark, Copenhagen, Denmark

PROFESSIONAL EXPERIENCE

Feb.2011–Now	Visiting Professor, Chemical and Petroleum Engineering Department, Faculty of Engineering, UAE University, United Arab Emirates.
2010 - 2011	Professor, Petroleum Engineering and Gas Technology Department Faculty of Engineering, The British University in Egypt, ElSherouk, Egypt.
2009 - 2010	Professor and Head of Petroleum Engineering and Gas Technology Department, Faculty of Engineering, The British University in Egypt. ElSherouk, Egypt.
2006 - 2009	Visiting Professor, Petroleum Engineering Department, Faculty of Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.
2003 - 2006	Professor, Petroleum Engineering Department, Faculty of Engineering, Cairo University, Egypt.
1997 - 2003	Professor, Petroleum Engineering Department, Faculty of Engineering, King Saud University, Saudi Arabia.
1996 - 1997	Researcher, Technical University of Copenhagen, Copenhagen, Denmark
1993 - 1996	Assistant Professor, Petroleum Engineering Department, Faculty of Engineering, Cairo University, Egypt.
1989 - 1993	Assistant Professor, Petroleum Engineering Department, College of Engineering, Sultan Qaboos University, Sultanate of Oman.
1984 - 1989	Lecturer, Petroleum Engineering Department, Faculty of Engineering, Cairo University, Egypt.
1983 - 1984	Researcher, Laboratory of Applied Geophysics, Faculty of Science, Bordeaux University, France.
1980 - 1983	Doc. D'ing. Student, Faculty of Sciences, Bordeaux University, France.
1979 - 1980	DEA Degree Student, Faculty of Sciences, Bordeaux University, France.
1978 - 1979	Assistant Lecturer, Petroleum Engineering Department, Faculty of Engineering, Cairo University, Egypt.
1975 - 1978	Demonstrator, Petroleum Engineering Department, Faculty of Engineering, Cairo University, Egypt.

ACADEMIC EXPERIENCE

I- UNIVERSITY TEACHING COURSES

1- Faculty of Engineering, UAE University, UAE (Feb. 2011-Now)

Undergraduate Level

- Well Logging
- Petroleum Production Operations
- Petroleum Properties Evaluation
- Data Analysis in Petroleum Engineering
- Reservoir Mechanics
- Natural Gas Engineering
- Applied Reservoir Geology

Graduate Level

- Well Stimulation
- Production Logging

- Fluid Flow in Porous Media
 - Crude Oil Characterization
 - Advanced Reservoir Geology
 - Advanced Reservoir Characterization
- 2- Faculty of Engineering, BUE, Egypt (July, 2009 – 2010)**
- Well Logging
 - Petroleum Exploration Engineering
 - Petroleum Production Engineering
- 3- Faculty of Engineering, KFUPM, Saudi Arabia (Feb., 2006 – 2009)**
- Undergraduate Level**
- Well Logging
 - Production Logging
 - Subsurface Production Engineering
- Graduate Level**
- Advanced Well Logging
 - Coring and Core data Analysis
- 4- Faculty of Engineering, Cairo University, Egypt (Sept., 2003 – Feb. 2006)**
- Graduate Level**
- Well logging Analysis
 - Production Logging
 - Petroleum Exploration Engineering
 - Petroleum Geology
- Graduate Level**
- Subsurface Geology
 - Formation Evaluation
- 5- Faculty of Engineering, King Saud University, Saudi Arabia (Sept. 1997- Sept. 2002)**
- Undergraduate Level**
- Well Logging,
 - Petroleum Exploration Engineering
 - Enhanced Oil Recovery
 - Oil & Gas Transportation
- Graduate Level**
- Advanced Reservoir Fluids Properties
- 6- Technical University of Denmark, Copenhagen, Denmark (Oct. 1996-March 1997)**
- Graduate Level**
- Formation Evaluation
- 7- Faculty of Engineering, Cairo University, Egypt
(June 1984 - Sept. 1989 & Sept. 1993- June 1996)**
- Undergraduate Level**
- Well Logging
 - Applied Geophysics
 - Petroleum Geology
 - Petroleum Production

Graduate Level

- Computer Application in Petroleum Exploration
- Formation Evaluation
- Engineering Seismology & Seismic Hazard

8-Faculty of Engineering, Sultan Qaboos University, Oman (Sept. 1989- June1993)

Undergraduate Level

- Well Logging
- Petroleum Exploration Engineering
- Oil Well Drilling
- Enhanced Oil Recovery

9-Faculty of Sciences, Cairo University, Egypt (Sept.1986- June1988)

Undergraduate Level

- Seismic Data Processing
- Seismic Data Interpretation

10-Faculty of Sciences, Ain Shams University, Egypt (Sept. 1988- June 1989)

Undergraduate Level

- Seismic Exploration Methods

II- THESES SUPERVISION

A- Cairo University, Egypt

- 1- MS thesis "Analysis of seismic wave velocity and attenuation parameters in Zeit Pay Field, Gulf of Suez", Faculty of Sciences, Cairo University, Egypt, 1988.
- 2- MS thesis "Study of geo-electrical properties and frequency parameters of near surface layers in Gurf Hussain area, Aswan region", Faculty of Sciences, Cairo University, Egypt, 1990.
- 3- MS thesis " Determination of lithofacies properties and fluid nature using core data and well logging records of Nubian sandstone formation, Ras Budran oil field", Faculty of Engineering, Cairo University, Egypt, 1994.
- 4- MS thesis " Gas saturation monitoring using pulsed neutron in Zeit Pay field, Gulf of Suez", Faculty of Engineering, Cairo University, Egypt, 1996.
- 5- MS thesis "Estimation of hydrocarbon saturation in shaly formation", Faculty of Engineering, Cairo University, Egypt, 1999
- 6- MS thesis " Gas production optimization in Badr ElDin -2 field in the Western Desert", Faculty of Engineering, Cairo University, Egypt, 2004
- 7- MS thesis "Evaluation of tight gas sand reservoirs, Western Desert using NMR", Faculty of Engineering, Cairo University, Egypt, 2006.
- 8- MS thesis " Evaluation of hydrocarbon potential of gas reservoirs sing TDT and CHFR Logs", Faculty of Engineering, Cairo University, Egypt, 2006.
- 9- MS thesis" Comparative study of different shaly sand models with application in Egyptian oil field" Faculty of Engineering, Cairo University, Egypt, 2007.

B- King Saud University, Saudi Arabia

- 1- MS. thesis " Evaluation of petrophysical properties of shaly sands", College of Engineering King Saud University, 2002.

C- King Fahd University of Petroleum & Minerals, Saudi Arabia

- 1- MS thesis "Pressure gradient surveys as cost effective diagnostic technique in gas Producing wells" College of Engineering Sciences, King Fahd University of Petroleum & Minerals, Saudi Arabia, 2007
- 2- MS thesis "Use of T2 NMR measurement to study transport processes between micro and macro pore systems in carbonate rocks" College of Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia, 2007.
- 3- MS thesis "Analysis of Archie's parameters determination techniques", College of Engineering Sciences, King Fahd University of Petroleum & Minerals, Saudi Arabia, 2007
- 4- MS thesis "Artificial Intelligence techniques in reservoir characterization" College of Computer Sciences and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia, 2008
- 5- MS thesis "Simulation of influential miscibility parameters of miscible CO₂-crude system" College of Engineering Sciences, King Fahd University of Petroleum & Minerals, Saudi Arabia, 2009
- 6- MS thesis "LWD porosity predication for well placement using Neural Network" College of Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia, 2009

III- RESEARCH PROJECTS

- 1- Analysis of Seismic Energy Absorption Due To Salt Sections in Gulf of Suez and its Effect on Recorded Seismic Data Interpretation. This project was funded and supervised by Suez Oil Company "SUCO", 1987-1988 (Principal Investigator).
- 2- Formation Evaluation of Egyptian oil Fields & Screening Criteria for horizontal drilling activities potential in Egypt. This project was carried out in cooperation with Egyptian General Petroleum Corporation "EGPC", September, 1994 – 1995 (Principal Investigator).
- 3- Study of Petrophysical Properties and Reservoir Performance of Shaly Sands Formations in Salam Field, Western Desert. This project was funded and supervised by Khalda Oil Company, 1995 –1996 (Principal Investigator)
- 4- Petrophysical Evaluation of Low Resistivity Green Sands, North Sea Region. This Project was funded and carried out in cooperation with Technical University of Denmark and Maersek Oil Company, September 1996 – March 1997 (Principal Investigator)..
- 5-Developing new slurry to prevent sand production from unconsolidated sandstone oil and gas reservoirs. This project was funded by SABIC and Research Center, College of Engineering, King Saud University, 1998 – 2000 (Co- Investigator).
- 6- Electrical parameters and capillary pressure measurements and analysis. This project is in cooperation with Research Institute, KFUPM, Saudi Arabia, 2007-2009 (Principal Investigator)
- 7- Permeability modeling for HRDH/Kuff using fuzzy logic approach. This project is in cooperation with Research Institute, KFUPM, Saudi Arabia, 2007 (Co- Investigator)
- 8- Using neural networks to estimate petrophysical properties of sandstone reservoirs from NMR measurements. This is KFUPM project, 2007 (Principal Investigator).

IV- SELECTED TRAINING SHORT COURSES AND SEMINARS

- 1- Five days short course for petroleum engineers on” Petroleum Geology for Petroleum Engineers”: Organized by the Egyptian Society of Engineers, January 1988, Cairo, Egypt.
- 2- One day seminar on” Geo-Electrical Surveying for Ground water”: Organized by MIT, September, 1988, Cairo, Egypt
- 3- Two days short course on” Production Logging Interpretation”: Organized by the
- 4- Egyptian Society of Engineers”, June, 1989, Cairo, Egypt
- 5- Five days short course on “Well Logging Interpretation Techniques”: Organized by the Egyptian Society of Engineers, April 1994. Cairo Egypt
- 6- Five days short course on “ Applied Open Hole Log Interpretation”: Organized by IHRDC, October, 1994, Damascus, Syria
- 7- One day seminar on “ Application of Radioactivity in Petroleum Engineering”: Organized by the Egyptian Society of Nuclear Engineering, October, 1995, Alexandria, Egypt
- 8- Three days short course on" Advance Core Analysis- NMR", Organized by The Egyptian German Academy, Cairo, January., 2004
- 9- Five days training course on" Well logging Interpretation", Organized by EGYCAN, Cairo, February, 2004.
- 10- Three days short course on "Seismic Data Interpretation" Organized by EGYCAN, Cairo, March, 2004.
- 11- Five days short course on "Basic Open Hole Logging Interpretation" Organized by ETC, Cairo, September, 2004.
- 12- Ten days short course on "Formation Evaluation" Organized by GCC, Cairo, January, 2005.
- 13- Five days short course on "Formation Evaluation", Organized by KFUPM, Dhahran, Saudi Arabia, December, 2006
- 14- One day short course on "Basic Petroleum Engineering" Organized by SPEKSA, Dhahran, Saudi Arabia, 2007

V- INSTITUTIONAL and PROFESSIONAL SERVICE

1- UAE University, United Arab Emirates

- SPE Student Chapter Advisor
- SPE Abu Dhabi section board member

2- British University in Egypt (BUE), Egypt

- Head of Petroleum Engineering & Gas Technology Department (2009-2010)
- SPE Student Chapter Advisor (2009- 2011)
- SPE Egypt section board member
- SPE Egypt Section Student Chapter Liaison (2010- 2011)
- SPE Regional Middle East Scholarship Selection Committee (2010-2011)

2- King Fahd University for Petroleum & Minerals, KFUPM, Saudi Arabia

- SPE Student Chapter Advisor (2006- 2009)
- Department Seminar Coordinator (2007- 2009)
- Graduate & Textbook Committees Member

3- Cairo University, Egypt

- SPE Student Chapter Advisor (2002 - 2004)
- Department Seminar Coordinator

4- King Saud University, Saudi Arabia

- Member in The Academic Affairs Committee
- Student Registration Supervisor
- Department Seminar Coordinator
- SPE Student Chapter Founder

5- Cairo University, Egypt

- SPE Student Chapter Advisor (1995-1997)
- Department Seminar Coordinator

6- Sultan Qaboos University, Sultanate of Oman

- Students Program Time Table Schedule Supervisor
- Department Seminar Coordinator

VI-INDUSTRIAL EXPERIENCE

1- Suez Oil Company (SUCO), 1987 –1988

Job Description: SUCO works in the Gulf of Suez where there is a salt problem. Salt sections absorb seismic energy thereupon it becomes difficult to interpret seismic sections at reservoir depths. The main goal of the job was to find a seismic data processing technique to compensate this energy absorption problem to easily see the reflectors and do interpretation

2- Egyptian General Petroleum Corporation (EGPC), 1994-1997

Job Description: The main goal of this job to check the reserve estimate and reservoir performance of all Egyptian oil fields. Also, carrying out analysis of the contribution degree of using horizontal drilling technology in the development of the Egyptian oil fields.

3- Khalda Oil Company, 1996 – 1997

Job Description: Khalda works in the western desert area. Reservoir rocks of Khalda fields in Western Desert are mainly dirty sand or low resistivity sandstone reservoirs. The goal of this job was to how to evaluate these reservoirs and how to make early prediction of well production performance before well testing.

4- Badr Petroleum Company " Bapetco", June, 2003 – Jan., 2004

Job Description: Bapetco produces oil and gas from carbonate, sand and shaly sand reservoirs in Western Desert, Egypt. The goal of this job is to do formation evaluation and to prepare reservoir characterization using data from well logs, well tests, fluid samples and production history as input parameters for static and dynamic models for these reservoirs.

4- EGYCAN Operation General Manager, Jan. 2004 – April 2005

Job Description: The main targets of the Egyptian Canadian for Business Development (EGYCAN) are 1st provide the petroleum company with the required consultation in the area of reservoir engineering and production operations upstream and downstream and 2nd running training courses for geologists and engineers in different areas of exploration, reservoir, production and drilling.

VII- LIST OF PUBLICATIONS

Google publication Citation: http://scholar.google.ae/citations?user=BPk_zKsAAAAJ&hl=en

A-RESEARCH INTERESTS

1. Formation Evaluation/ Petrophysics
2. Production Logging
3. Artificial Intelligence Applications in Formation Evaluation/Petrophysics

B-PAPERS PUBLISHED IN REFERRED JOURNALS

- 1- ElMahdy, O.A. and Hamada, G.M., 2014" Integrated NMR and density logs for the evaluation of heterogeneous gas- bearing shaly sands" Journal of Petroleum Science and Technology, vol.32 (08), p. 958-964.
- 2- Hamada, G.M., AlMajed, A.A., Okasha, T.M. and AlGathe, A.A., 2013 "Uncertainty analyses of Archie's parameters determination techniques in carbonate reservoirs" Journal of Petroleum Exploration and Production Technology, vol. 3(1), p. 1-10.
- 3- Hamada, G.M., 2011 "Uncertainty analysis of well logging data: Acquisition and interpretation", Emirates Journal for Engineering Research, UAE, vol. 16(1), p. 71-80.
- 4- Hamada, G.M. and Elshafei, M.A., 2010 "Neural network prediction of porosity and permeability of heterogeneous gas sand reservoirs using NMR and conventional logs, NAFTA Jr., vol. 61(10), Zagreb, R. of Croatia
- 5- Hamada, G.M., 2010," Analysis of Archie parameters determination techniques in shaly sand reservoirs" Petroleum Science and Technology Jr., vol.28 (1), p. 72-82.
- 6-Elshafei, M.A. and Hamada, G.M., 2009, "Neural network identification of hydrocarbon potential of shaly sand reservoirs", Petroleum Science and Technology Jr., vol.27 (1), p. 72-82.
- 7- Hamada, G.M., 2009 " Petrophysical properties evaluation of tight gas sand reservoirs using NMR and conventional openhole logs", The Open Renewable Energy Journal, vol.2, p. 6-18.
- 8- Hamada, G.M. and Abushanab, M.A., 2008 " Better porosity estimate of gas sandstone reservoirs using density and NMR logging data" Emirates Journal for Engineering Research, 13(3), p. 47-54.
- 9- Hamada, G.M., 2008 "Uncertainty of Archie parameters (a, m and n) and consequent change in water saturation values", NAFTA Jr., vol. 59, no. 10, p. 479-494, Zagreb, R. of Croatia.
- 10- Hamada, G.M., Abushanab M.A. and Oraby, M.El, 2008, " New NMR approach evaluates tight gas sand" Oil & Gas Jr., June, 02, p. 46-53.

- 11-Hamada, G.M., 2008, "Identification of hydrocarbon moveability and type from resistivity logs", Petroleum Science and Technology Jr., vol. 26(6), p. 638-648.
- 12-Hamada, G.M. and Elshafei, M.A., 2007, "Application of artificial neural network (ANN) in petrophysical evaluation of shaly sand reservoirs", NAFTA Journal, vol. 58, no. 11, p. 551-555 Zagreb, R. of Croatia.
- 13-Hamada, G.M. and Hegazy, A.A., 2007 " Sinai well logging compares TDT and CHFR applications", Oil & Gas, May 28th, p.48-55.
- 14-Hamada, G.M., 2006, "NMR porosity can better estimate tight gas sand porosity" NAFTA Journal, vol. 57, no. 11, p. 459-466, Zagreb, R. of Croatia.
- 15-Hamada, G.M., 2006," Quality assurance lessens core, log data uncertainties", Oil & Gas Jr., October 02, 2006, p. 41-46.
- 16-AbuShanab, M.A., Hamada, G.M., Oraby, M.E. and Wally, A.A., 2005 " DMR technique improve tight gas porosity estimate", Oil & Gas Jr., Dec., p. 12-16.
- 17-Hamada, G.M.2004 " Reservoir fluids identification using Vp/Vs ratio" , Revue de L'IFP, Oil & Gas Science and Technology, vol. 59, no. 6 , p. 649-654.
- 18-Hamada, G.M., 2004 " Factor identifies hydrocarbon recoverability, type", oil & Gas Journal, April, 26, p. 49-53.
- 19-Hamada, G.M., Shokir, E., El-M and Alsughayer, A.A., 2002 "Reservoir performance Problems monitoring using well logging techniques: Case studies", Emirates Jr. of Engineering Research, vol.7, no.1, p. 25-31, United Arab Emirates University, UAE.
- 20- Hamada, G.M. and Alawad, M.N., 2002 " Evaluation of low resistivity beds using nuclear magnetic resonance" Jr. of King Abdelaziz University, Sci. eng. vol. 14, no.1, p. 47-61, Saudi Arabia.
- 21-Hamada, G.M. and Al-Awad, M.N and Al-sughayer, A.A., 2002" Water saturation Computation from laboratory Data 3-D regression: Revue de L'IFP, Oil & Gas Science and Technology, vol. 57, no. 6, p. 637-651.
- 22-Al-Homadhi, E.S. and Hamada, G.M., 2002" Determination of petrophysical, mechanical and acoustic properties interrelationship for simulated sands": Engineering Journal of Qatar University, Qatar, vol. 15, p. 23-37.
- 23-Hamada, G.M. and Al-Awad, M.N. J., 2002" Evaluation of low-resistivity beds using NMR, porosity and resistivity logs": Emirates Jr. of Engineering research, vol. 7, no.1, p. 45-50, United Arab Emirates University, UAE

- 24-Al-Homadhi, E.S. and Hamada, G.M, 2001” Developed correlations between petrophysical, acoustic, mechanical properties for synthetic sandstone”: Journal of Engineering and Applied Science, Cairo University, vol. 48, no. 5., p. 1021- 1036.
- 25-Hamada, G.M., Al-Blehed, M.S., Al-Awad, M.N. and Al-Saddique, M.A., 2001, ”Petrophysical evaluation of low resistivity sandstone reservoirs with nuclear magnetic resonance log (NMR)”: Jr. of Petroleum Science & Engineering, vol. 29, no.2, p. 127-136, Elsevier, B.V., Holland.
- 26- Al-Saddique, M.A., Hamada, G.M. and Al-Awad, M.N., 2001” Engineering coring and core data analysis”: Emirates Journal of Engineering Research, Vol. 6, No.1, p. 39-49, United Arab Emirates University, UAE.
- 27-Hamada, G.M., Al-Awad, M.N., Al-Blehed, M.S. and Al-Saddique, M.A., 2001” Contribution of horizontal drilling technology in the development programs of Saudi oil field”: Engineering Jr. of Qatar University, vol. 14, p 45-60.
- 28-Al-Awad, M.N., Hamada, G.M. and Almalik, M.S., 2001 “Low - resistivity beds may produce water free”: Oil and Gas Jr., Jan. 01, p. 33-39.
- 29-Al-Saddique, M.A., Hamada, G.M. and Al-Awad, M.N., 2000” Recent advances in coring and core analysis technology: new technique to improve reservoir evaluation”: Engineering Jr. Of Qatar University, vol. 13 no.2. p. 29-52.
- 30-Hamada, Al-Blehed, M.S. and Al-Awad, M.N., 2000 “Determining petrophysical properties of low resistivity reservoirs using NMR”: Arabian Journal for Science and Engineering, vol. 25, p. 149-160.
- 31-Al-Saddique, M.A., Hamada, G.M. and Al-Awad, M.N., 2000 “State of the art: Review of coring and core analysis technology”: Jr. King Saud University Eng. Sci., vol. 12, p. 117-138.
- 32-Al-Blehed, M.S. and Hamada, G.M., 2000 “ Emerged technology of horizontal drilling in Saudi oil fields in the last ten years (Arabic language)”: Bassel Al-Assad Scientific Jr., Syria, vol. 8, p. 12-25.
- 33-Hamada, G.M. and Al-Awad, M.N., 2000 “Petrophysical evaluation of low resistivity reservoir”: Canadian Jr. of petroleum engineering, vol. 39, no.7, p.7-15.
- 34-Hamada, G.M., Al-Blehed, M.S., Al-Awad and Al-Saddique, 2000 “ Horizontal wells find varied applications in Saudi oil fields”: Oil and gas Jr., May, 8, p. 47-52.
- 35-Hamada, G.M., Heikel, S., Dahab, A. Abed El-Dayem, M., 1999 “Gas saturation monitoring in heterogeneous reservoir using TDT modeling technique”: Eng. Jr. of Qatar University, vol. 12, p. 9-24.

- 36-Hamada, G.M., Al- Blehed, M.S. and Al-Awad, G.M., 1999 “ NMR logs find reserves bypassed by conventional analysis”: Oil & Gas Jr., Sept. 27, p. 75-79.
- 37- Hamada, G.M., Al-Blehed, M.S. and Al-Awad, M.N., 1999” Nuclear magnetic resonance log evaluation of low resistivity reservoirs”: Jr. of Engineering and Applied Science, Cairo University, vol. 46, no.5, p. 951-970.
- 38-Hamada, G.M., 1999 “An integrated approach to determine shale volume and hydrocarbon potential in shaly sand”: The Log Analyst Jr., vol. 40, no.3, p. 14-22.
- 39-Hamada, G.M. and Al-Awad, M.N., 1998” TDT monitors gas saturation in heterogeneous reservoirs”: Oil & Gas Jr., May 25, p. 55-60.
- 40-Hamada, G.M., 1996” Characterization of lithofacies properties of reservoir rocks using combined logging data in horizontal wells: Jr. of the Egyptian society of engineers, vol. 35, and p. 9-13.
- 41-Hamada, G.M., 1996” Corrected logs indicates lithofacies around horizontal wells”: Oil & Gas Jr., March 4, p. 56-59.
- 42-Hamada, G.M., 1996” Archie’s parameters and their impact on hydrocarbon evaluation processes (Arabic language)”: Jr. of Bassel Al-Assad for Eng. Sci., no.5, p. 57-67.
- 43-Hamada, G.M., 1995” Scattering and attenuation of seismic waves due to scheelite mineralization”: Jr. of engineering and applied science, College of Engineering Cairo University, vol. 42, no.5, p. 995-1009.
- 44-Hamada, G.M., 1994” Effect of Archie’s saturation exponent values on the hydrocarbon evaluation processes”: The Log Analyst Jr. vol. 35, no.5, p.121.
- 45-Hamada, G.M, Assal, A.M. and Ali, M.A., 1994” Mineral composition and porosity determination in complex lithologies using Tri-porosity logs”: Al-Azhar, Bull Sci., vol. 5, no.1, and p. 109-122.
- 46-Hamada, G.M. and El-Farsi, N., 1993” Determination of Archie’s parameters from Omani carbonate cores”: Jr. of King Saud University, Engineering Sci., vol. 6, no.2, p. 281-294.
- 47- Hamada, G.M., 1992” Determination of rock characteristics using combined log data for Omani oil fields- Case study”: Geotomography, Intl. Pub. of SEGJ, Tokyo, Japan, vol. 2, p. 337-385.
- 48- Hamada, G.M., 1992," Determination of rheological properties of polymer solutions in sandpacks", Engineering Jr. of Qatar University, vol.5, pp. 23-34.
- 49-Osman, A.A.A. and Hamada, G.M., 1991” Acoustic properties as function of depth in the Gulf of Suez, Egypt”: Jr. Petroleum Research Institute, vol.3, Tripoli, Libya, p. 27-34.

50-Refai, E., Maamoun, M., El-Defrawy, M., Attia, S. and Hamada, G.M., 1991" A Preliminary report on frequency characteristics of near surface layers in the vicinity of the High Dam Lake": Jr. of Geodynamic, vol. 14, p. 105-110.

51-Hamada, G.M., 1989" VSP: Measurement of attenuation and velocity of seismic waves in the Gulf of Suez": Jr. of The Egyptian Soc. of Engineers, vol. 29, no. 3, p. 15-24.

52-Hamada, G.M., 1988" Attenuation of P-wave in marine sediments: Science Engineering Bull. Faculty of Engineering, Cairo University, vol. 35, no.2, p. 15-22.

53-Hamada, G.M., 1987" Traitement du signal sismique par la technique anti-moyenne en sismique faible profondeur": Jr. of Egyptian Soc. of Engainées, vol. 26, no.4, p. 12-23.

54-Maamoun, M. and Hamada, G.M., 1987" An Investigation of the hydrodynamic pressure acting during earthquakes on buried pipes at different sites in the Gulf of Suez": Jr. of Egyptian Society of Engineers, vol. 26, no.1, p. 13-24.

55-Hamada, G.M., 1986" Characterstique des ondes sismiques reflechies comme une indication de la mineralisation en tengestene": Jr. of Egyptian Soc. of Engineers, vol. 25, no.4, p.14-20.

56- Hamada, G.M., 1986" Attacking the problem of earthquake engineering in Egypt": Jr. of Egyptian Soc. of Engineers vol. 25, no.2, p. 56-63.

C-PAPERS PRESENTED AT CONFERENCES

1. Hamada, G.M.,2014" Petrophysical Properties Evaluation of Heterogeneous Gas Sandstone Reservoirs with NMR Logging Data", 6th (EAGE) Saint Petersburg Conference, Saint Petersburg, Russia, 10-14 April.
2. Hamada G.M., 2013" Archie's Parameters Determination Techniques Techniques in Carbonate Reservoirs: New Technique for Accurate Parameters" PGCE-13, Kuala lumpur, Malaysia, 18-19 March.
3. ElMahydy O.A.and Hamada G.M., 2012," Petrophysical Properties Evaluation of Heterogeneous Gas Shaly Sands with NMR Logging data", Geo#117673, GEO 2012 - the 10th Middle East Geosciences Conference and Exhibition, Manama, Bahrain. 4-7 March.
4. Hamada, G.M., 2012 " Petrophysical Properties Evaluation of Tight Gas Sands Using NMR and conventional logs", SPE# 151996, SPE Middle East Unconventional Gas Conference and Exhibition, Abu Dhabi, UAE, 23–25 January.
5. Hamada, G.M., 2011" NMR Can better estimate porosity, permeability and capillary pressure of stratified shaly sand reservoirs" Paper no. RES/PE02, 10th OMC, 23-25 March, Ravenna, Italy.

6. Hamada, G.M., Almajed, A.A., Okasha, T.M. and AlGathe, A.A., 2010, "Uncertainty analysis of Archie's parameters determination techniques in carbonate reservoirs", 2nd OGEP, 18-20 December, Dhahran, Saudi Arabia.
7. Hamada, G.M. Adrenian, A. and Elshafei, M., 2010 "Functional networks soft sensors for formation porosity and water saturation in sandstone reservoirs", Paper # 7147, 72nd EAGE Conference, 14-17 June, Barcelona, Spain.
8. Hamada, G.M. and Elshafei, M.A., 2010 "Neural network (FNN) prediction of porosity and permeability in stratified shaly sand reservoirs" Mediterranean Oil Conference (MOC 2010), 18-20 May, Alexandria, Egypt.
9. Hamada, G.M., 2009 "Integration of NMR and SCAL to estimate porosity, permeability and capillary pressure of heterogeneous gas sand reservoirs", SPE # 121161, SPE EUROPEC Conference, 8-11 June, Amsterdam, The Netherlands.
10. Elshafei, M.A. and Hamada, G.M., 2009 "Neural network prediction of porosity in sandstone reservoirs", SPE # 126042, SPEKSA Technical Symposium, 9-11 May, Dhahran, Saudi Arabia
11. Anderian, A., Elshafei, M.A. and Hamada, G.M., 2009 "Function network soft sensor for formation porosity and water saturation in oil wells" Paper# 1569164837, 12 MTC 2009, , May 5-7, Singapore.
12. Funk, J., Al-Harbi, A., Hamada, G.M. and Al-Marhoun, M., 2009 "Modeling complex dispersive capacitance in carbonates using portioned NMR T2 distribution", SPE # 126180, SPEKSA Technical Symposium, 9-11 May, Dhahran, Saudi Arabia
13. Elshafei, M.A. and Hamada, G.M., 2009 "Petrophysical properties determination of tight gas sands from NMR data using artificial neural networks", SPE # 118788 , SPE Western Regional Meeting, 24-26 March, San Jose, California, USA.
14. Hamada, G.M, Abushanab, M.A. and Oraby, M.El., 2008 "Petrophysical properties evaluation of tight gas sand reservoirs using NMR and conventional openhole logs", SPE # 114254, SPE Asia Pacific Oil & Gas Conference, 20-22 October., Perth, Australia.
15. Hamada, G.M. and Elshafei, M.A., 2008 " Petrophysical properties determination of tight gas sands from NMR Data using Artificial Neural Network", 14th Formation Evaluation Symposium of Japan, 29-30 September, Chiba, Japan.
16. Hamada, G.M. and Elshafei, 2008 " Artificial Neural Network permeability estimation from NMR logs in heterogeneous tight gas sand reservoir", SAOGE 2008 Conference, 17-19 November, Dammam, Saudi Arabia.
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3. Society of Core Analyst, SCA
4. Society of Petroleum Engineers, Egypt Section
5. Egyptian Society for Engineers