

Kardo Sardar Mohammed

PhD in Petroleum Geology

Nationality: Kurdish

Marital Status: Single

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Born on: 03 March 1980

Sex: Male

Country: Iraq



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Education

- 2016-2020

Ph.D. (Candidate of Science- Geological and Mineralogical Sciences) in Geology, prospecting and development of oil and gas fields, Russian State University of Oil and Gas (IM Gubkin), Moscow, Russian Federation.

Title of Dissertation: *Forecast of the distribution zones of improved reservoirs based on facies and paleotectonic analysis (On the example of Miocene deposits of the North-East part of Iraq)*

- September 2014 - July 2016

The Master of Science in Oil and Gas Engineering, Russian State University of Oil and Gas (IM Gubkin), Moscow, Russian Federation.

Title of thesis: *Geological and hydrodynamic reservoir modeling of Sabal oilfield*

- October 2007 - January 2010

The Master of Science in Petroleum Geology, University of Sulaimani, Sulaymaniyah, Iraqi Kurdistan region

Title of thesis: *"Source Rock Evaluation of Lower Tertiary Formations in NE Iraq"*

- October 1998 - July 2002

The Bachelor of Science in Geology, University of Sulaimani, Sulaymaniyah, Iraqi Kurdistan region.

Title of research: *Hydrogeology of Sharazur plain, Iraqi Kurdistan region*

Work Experience

- 2022-Present: Erbil Polytechnic University, Koya Technical Institute, Assist. Lecture in the Department of Petroleum Technology. Koya, Erbil, Iraqi Kurdistan region.
- 2020-2022: Working with Gazprom Neft B.V.(Middle East) company in the department of Geology and Reservoir Engineering)
- October 2010 - April 2013, Erbil Polytechnic University, Koya Technical Institute, Assist. Lecture in the Department of Petroleum Technology. Koya, Erbil, Iraqi Kurdistan region.
- March 2003 - October 2010, Municipality of Rania city as a Geological engineer in the department of projects. Rania, Sulaymaniyah, Iraqi Kurdistan region.

Language Skills

- Kurdish: Native
- Arabic: Good
- English: Good
- Russian: Fair-Good

Technical Skills

- Computer software: Windows, Ms.Office, SPSS, AutoCAD, Surfer, Petrel, ArcGIS, Petromod, Temis Flow 3D, Striplog, Eclipse, Isoline, tNavigator™., Techlog, Nueralog, Didger, interactive petrophysics.

Publications

- Dler H. Baban & Kardo S. M. Ranyayi, Biodegradation Assessment for the oil of the Eocene Pila Spi Reservoir, Taq Taq Oil Field, Kurdistan Region-NE Iraq (accepted by GEOKURDISTAN 2012, The First Geological Conference of Kurdistan, November 14-16, 2012, Sulaimani, Kurdistan Region, Iraq), 2012.
- Dler H. Baban & Kardo S. M. Ranyayi, Potentiality of Paleocene source rocks and their contribution in generating the accumulated oil in the Eocene Pila Spi Reservoir in Taq Taq Oil Field, Kurdistan Region, Iraq (Arabian Journal of Geosciences ISSN 1866-7511 Arab J Geosci DOI 10.1007/s12517-012-0678-3), 2013.
- Book: Kardo Sardar Mohammed Ranyayi. Source Rock Evaluation of Lower Tertiary Formations in NE Iraq. Petroleum and Source Rock Characterization. Publisher: LAP Lambert Academic Publishing: 978-3-659-68161-5, 2017.
- Mohammed KS, Trunova MI. Diagenesis processes and their effect on reservoir properties of the Lower Miocene reservoirs in the Garmian block, Kurdistan, Iraq. // Proceedings of the Russian State University of Oil and Gas named after I. M. Gubkin. 2019. 2 (295). Pp. 18-29. (In Russian language).
- Mohammed KS, Analysis of the facies and depositional environments of the Lower Miocene formations in the Garmian block, Kurdistan, Iraq. //Proceedings of the Russian State University of Oil and Gas named after I. M. Gubkin. (In press) (In Russian language)

Certifications and Courses

- Petroleum Systems and exploration management, Total Professors Association (TPA) and TOTAL, Jordan, 2007.
- Drilling Technics, Total Professors Association (TPA) and TOTAL, Turkey, 2008.
- Training on a number of the oil properties instruments (Normalab Company), France, 2011.
- Petroleum Geology of Iraq (University of Freiberg / Hydrogeology Institute Freiberg Germany), Iraq, 2012.
- 3D reservoir modeling with PETREL (Seismic to simulation using Petrel and Eclipse) (Schlumberger Ltd., 2012), Iraq, 2012.
- GEOCAD program (University of Freiberg / Hydrogeology Institute Freiberg). Germany, 2014.
- "ArcGIS in Geology and Subsoil Use", Training and Consulting Center (SibGeoProject), Moscow, Russian Federation, 2015.
- ArcGIS Desktop II "Tools and Functionality", Educational and Consulting Center (SibGeoProject), Moscow, Russian Federation, 2015.
- TechExpert (техэксперт) ооо техноллект, Russian Federation, 2017.
- Applied Ichnology, Moscow, Russian Federation, 2018.
- Module 1: Overview of Petroleum Geomechanics, Society of Petroleum Engineers (SPE), November 15, 2018.
- Module 2: Introduction to Earth Stresses, Society of Petroleum Engineers (SPE), November 15, 2018.
- Module 3: Formation Mechanical Properties and Geometry Effects, Society of Petroleum Engineers (SPE), December 12, 2018.

- Arctic, prospects and risks of hydrocarbon production, Society of Petroleum Engineers (SPE) student chapter, Lomonosov Moscow State University, Moscow, Russia. April 11, 2019.
- Module 4: The Future Role of Oil, Society of Petroleum Engineers (SPE), May 16, 2019.
- BOND LOG INTERPRETATION, COURSE 1: INTERPRETATION METHOD, ThoroughBond, May 20,2020.
- BOND LOG INTERPRETATION, COURSE 1: INTERPRETATION METHOD, ThoroughBond, May 27,2020.
- BOND LOG INTERPRETATION, COURSE 1: INTERPRETATION METHOD, ThoroughBond, June 3,2020.
- Problem Solving training course, Gazprom Neft Middle East, 21-29 June, 2020
- During My work with Gazprom Neft B.V company awarded 2 appreciation certificates and one best HSE Stop card.

Conferences

- Conference GeoKurdistan. The first geological conference of Kurdistan, Sulaimani, Iraqi Kurdistan region, 2012.
- 21st World Oil Congress, 15-19 June 2014, Moscow, Russia (Volunteer).
- 69th International Youth Scientific Conference "Oil and Gas-2015", in the section "GEOLOGY, SEARCH AND EXPLORATION OF OIL AND GAS DEPOSITS". Moscow, Russian Federation, 2015.
- Conducting a training and scientific conference of undergraduates "the practical significance of the master's thesis research", Moscow, the Russian State University of Oil and Gas named after IM. Gubkin, November 23, 2015.Moscow, Russian Federation, 2015.
- 70th International Youth Scientific Conference "Oil and Gas - 2016", in the section "GEOLOGY, SEARCH AND EXPLORATION OF OIL AND GAS DEPOSITS". Moscow, Russian Federation, 2016.
- 71st International Youth Scientific Conference "Oil and Gas - 2017", in the section "GEOLOGY, SEARCH ANDEXPLORATION OF OIL AND GAS DEPOSITS". Moscow, Russian Federation, 2017.
- XII All-Russian scientific and technical conference "Actual problems of the Russian oil and gas industry development".2018, Moscow, Russian Federation, 2018.
- Russian Petroleum and Gas congress, Moscow, Russian Federation. April 2018.
- 72nd International Youth Scientific Conference "Oil and Gas - 2018", in the section "GEOLOGY, SEARCH AND EXPLORATION OF OIL AND GAS DEPOSITS". Moscow, Russian Federation, 2018.
- 73rd International Youth Scientific Conference "Oil and Gas - 2018", in the section "GEOLOGY, SEARCH AND EXPLORATION OF OIL AND GAS DEPOSITS". Moscow, Russian Federation, 2019.

