

## Curriculum vitae

### Personal information

Surname(s)/ First name(s)  
Address

**SIMESCU NICOLAE BOGDAN**  
Medias, Romania

### WORK EXPERIENCE

<b>Period</b>	<b>December 9, 2019 – present</b>
Name and address of employer	SNGN ROMGAZ SA MEDIAS
Type of business or sector	Neptun Deep project team
Occupation or position held	Team coordinator
Main activities and responsibilities	Prepare the technical-economic documentation for Neptun Deep project
<b>Period</b>	<b>March 1, 2019 – present</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Filitelnic-Laslau Mare rehabilitation project unit
Occupation or position held	Head of rehabilitation project
Main activities and responsibilities	Prepare well work programs, work program monitoring, economic analyses of works
<b>Period</b>	<b>November 1, 2016 – March 1, 2019</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Filitelnic rehabilitation project unit
Occupation or position held	Head of rehabilitation project
Main activities and responsibilities	Prepare well work programs, work program monitoring, economic analyses of works
<b>Period</b>	<b>March 1, 2015 – November 1, 2016</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Copsa Mica rehabilitation project unit
Occupation or position held	Head of rehabilitation project
Main activities and responsibilities	Prepare well work programs, work program monitoring, economic analyses of works
<b>Period</b>	<b>January 1, 2014 – December 2014</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	IPM Schlumberger – Laslau Mare rehabilitation project
Occupation or position held	Engineer
Main activities and responsibilities	Prepare well work programs, work program monitoring, well data analyses, numerical simulation

<b>Period</b>	<b>January 1, 2008 – present</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Member of the technical team Romgaz-Schlumberger association
Occupation or position held	Reservoir engineer
Main activities and responsibilities	Prepare and monitor well programs, elaborate the reservoir study, participate in technical meetings, drafting the association's annual budget
<b>Period</b>	<b>June 1, 2006 – December 2013</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Extraction technologies and reservoir engineering department
Occupation or position held	Engineer
Main activities and responsibilities	Prepare well work programs, work program monitoring, drafting reservoir studies
<b>Period</b>	<b>November 1, 2005 – May 31, 2006</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Land Formalities Department
Occupation or position held	Engineer
Main activities and responsibilities	Prepare documentation and obtain approvals for various works
<b>Period</b>	<b>August 1, 2005 – October 30, 2005</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Danes Production Section
Occupation or position held	Engineer
Main activities and responsibilities	Monitoring production activity
<b>Period</b>	<b>August 1, 2004 – September 1, 2004</b>
Name and address of employer	SNGN ROMGAZ SA SUCURSALA DE PRODUCTIE MEDIAS (Medias Production Branch)
Type of business or sector	Filitelnic Production Section
Occupation or position held	Student
Main activities and responsibilities	Participate in Laslau Mare Rehabilitation project in cooperation with Schlumberger

## **EDUCATION AND TRAINING**

<b>Courses</b>	<b>Reservoir Characterisation: A Multi-Disciplinary Team Approach</b> , July, London
	<b>Eclipse Black Oil Reservoir Simulation</b> , May, Bucharest
<b>2014</b>	<b>Petrel Reservoir Engineering basics and advanced workflow</b> , March, Bucharest
	<b>Petrel fundamentals</b> , February, Bucharest
<b>2013</b>	<b>Supervision of Drilling, completion and workover operations</b> , June, Medias
	<b>Gas field production management using improved technologies</b> , November, Medias
<b>2012</b>	<b>Executive one to one business English language</b> , July London
	<b>Sources of productivity impairment in openhole completions Training course</b> , April Medias
	<b>Crisis &amp; Emergency management for the gas industry sector</b> , November Lisbon

2011	<b>The second unconventional gas reservoir training course/seminar,</b> August, Campina
	<b>What's new in unconventional gas reservoirs?</b> April, Medias
2010	<b>Cement evaluation and repair – well completion technology,</b> January, Bazna
	<b>NSI Hydraulic Fracturing,</b> November, Sinaia
2008	<b>Gas Production Engineering,</b> October Petroskill, Sinaia
2007	<b>Field management of mature reservoirs,</b> May, Bucharest
2006	<b>Petroleum engineering Summer School, Inter-University Centre</b>
2005	<b>Workshop 17 – “Natural gas – from reservoir to the burner tip”,</b> June, Dubrovnik, Croatia
Type of qualification/ diploma awarded	<b>ANRM (National Agency for Mineral Resources) certificate – Petroleum operations specialist, 2015</b>
Period of time	<b>01.11.2015 – present</b>
Name and type of institution providing education and training	Oil and Gas University Ploiesti
Professional area	Mining, Oil and Gas
Type of qualification/ diploma awarded	PhD student
Name and type of institution providing education and training	Lucian Blaga University Sibiu
Professional area	Economic
Type of qualification/ diploma awarded	Post-graduate studies – Masters – <b>Company management and marketing strategies and policies</b>
Classification of education	Post-graduate education (two years)
Period of time	<b>2016 – 2018</b>
Name and type of institution providing education and training	<b>Oil and Gas University Ploiesti</b>
Professional area	Mining, Oil and Gas
Type of qualification/ diploma awarded	Post-graduate studies – reservoir engineering
Classification of education	Short term post-graduate education (1 year)
Period of time	<b>2000-2005</b>
Name and type of institution providing education and training	Oil and Gas University Ploiesti, Faculty of Petroleum and Gas Engineering
Professional area	Mining, Petroleum and Gas
Type of qualification/ diploma awarded	Bachelor degree
Classification of education	University studies (five years)
Period of time	<b>1996 -2000</b>
Name and type of institution providing education and training	Stephan Ludwig Roth High School / high school education in German language
Type of qualification/ diploma awarded	High school education / diploma
Classification of education	German language diploma (Deutsches Sprachdiplom) Bonn, 2000 Assistant programmer, 2000
Period of time	<b>1988-1996</b>
Name and type of institution providing education and training	Primary and middle school Stephan Ludwig Roth Medias / primary and middle school education in German language Primary and middle school / Primary and middle school education

Type of qualification/ diploma awarded	Primary and middle school studies /certificate for graduating 8 education years
Classification of education	Primary and middle school education ( eight years)
<b>PERSONAL SKILLS AND COMPETENCES</b>	
<b>Mother Tongue</b>	Romanian, German
<b>Other languages</b>	English                      German
Reading	very good                      very good
Writing	good                              good
Speaking	very good                      very good
<b>Membership in a professional organisation</b>	<b>SPE Society of Petroleum Engineers 2005</b>
<b>Driving license</b>	<b>B</b>
<b>Published works</b>	<ol style="list-style-type: none"> <li>1. <b>The quality of natural gas is the object of domestic production, import, storage, transmission, distribution activities and “merchandise” to the consumers</b>, Dubrovnik June 2005 – Ana Maria Popa, Nicolae Bogdan Simescu, Mihai Albuлесcu</li> <li>2. <b>The pressure at the production, transportation, underground storage and distribution operator as a major component for carriage and assuring cargo property of the natural gas to the customers</b>, Dubrovnik June 2005 - Ana Maria Popa, Nicolae Bogdan Simescu, Mihai Albuлесcu</li> <li>3. <b>Reduce energy intensity by using the “cogeneration cycle”</b> , UPG Ploiesti, June 2005 - Ana Maria Popa, Nicolae Bogdan Simescu, Mihai Albuлесcu</li> <li>4. <b>Producing green electricity by recovering expansion energy in technical installations using the turboexpander, UPG Ploiesti June 2005</b> - Ana Maria Popa, Nicolae Bogdan Simescu, Mihai Albuлесcu</li> <li>5. <b>Sidetrack and recompletion in gas field</b> – 150 Years of the Romanian Petroleum Industry, Tradition and Challenges 14-17 October, 2007 Bucharest, Romania - Nicolae Bogdan Simescu and others</li> <li>6. <b>Changing well completion in a mature gas well using velocity string</b> – 19<sup>th</sup> International Conference – New Methods and Technologies, Zakopane, June 2008, Poland – Florinel Sutoiu, Nicoale Bogdan Simescu, Marcel Adrian Piteiu</li> <li>7. <b>Natural gas storage – solution to optimise production at SNGN Romgaz SA Medias Branch</b>: Regional Energy Forum, Neptun, June 2008 – Marcel Adrian Piteiu, Dumitru Rotar, Florinel Sutoiu, Nicoale Bogdan Simescu</li> <li>8. <b>Natural gas commercial metering using the ultrasonic flowmeter, National gas magazine 2008</b> – Ana Maria Popa, Lucian Achimet, Nicoale Bogdan Simescu</li> <li>9. <b>Using well testing to confirm the suspected reservoir model by seismic investigations</b> – New Methods and Technologies,</li> </ol>

Krakovia, June 2009, Poland – Argentina Tataru, Dan Paul Stefanescu, Nicoale Bogdan Simescu

- 10. Increase the recovery factor from Badenian reservoirs located in the Trasylvanian Basin** – Regional Energy Forum, Neptun June 2010 - Argentina Tataru, Nicoale Bogdan Simescu, Florinel Sutoiu
- 11. Maximising production in a mature gas field from the Transylvanian Basin** – SPE Romanian Section 2010 Conference – Sibiu, Argentina Tataru, Bogdan Simescu
- 12. Badenian reservoirs in the Transylvanian basin – possible unconventional gas reservoirs** – Regional Energy Forum, Neptun June 2012, Argentina Tataru, Nicoale Bogdan Simescu, Florinel Sutoiu
- 13. Rigless jobs in gas wells** – 24<sup>th</sup> Drilling Oil-Gas AGH Krakow, June 2013, Florinel Sutoiu, Argentina Tataru, Nicoale Bogdan Simescu
- 14. Liquid unloading optimisation from gas wells which exploit depleted reservoirs**, 25<sup>th</sup> Drilling Oil-Gas AGH Krakow, June 2014 - Argentina Tataru, Dan-Paul Stefanescu, Nicoale Bogdan Simescu
- 15. Optimisation concepts for exploiting depleted gas reservoirs** – Regional Energy Forum, Bucharest June 2014, Argentina Tataru, Nicoale Bogdan Simescu, Florinel Sutoiu
- 16. Challenges and opportunities in increasing the exploitation performances of Laslau Mare gas reservoir**, October 2014 SPE Romanian Section Technical Program, Medias – Isabela Falk, Nicolae Bogdan Simescu
- 17. Evaluation of depleted gas reservoir reaction by decreasing gathering line pressure**, November 2015 SPE Romanian Section Technical Program, Medias – Nicolae Bogdan Simescu
- 18. Ways to access undrained areas in mature gas fields** – Regional Energy Forum, Neptun June 2016, Nicolae Bogdan Simescu, Ion Foidas, Sandor Bolazs
- 19. Challenges in recompletion of wells with well integrity issues in mature gas fields** - Regional Energy Forum Neptun, June 2018, Nicolae Bogdan Simescu, Florinel Sutoiu, Mihail Avramescu