

GRIGORII PENKOV

Personal information

Address: 28/16 Nalichnaya Street, Apt.74, Saint Petersburg, 199406, Russia

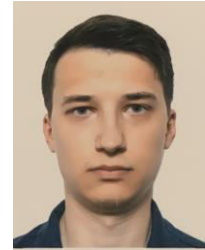
Mobile number: +7 911 826 9778

Marital status: Married

Date of birth: 10th July 1994

Nationality: Russian

E-mail: penkovgrigoriy@gmail.com



Objective

To secure a challenging role in the oil and gas industry to develop engineering skills and apply new ideas to real-life industry problems.

Education

2018 - 2022:

- Saint Petersburg Mining University
- Oil and Gas Department
- Theme of thesis: Evaluation of the influence of the stress-strain state of terrigenous reservoir rocks on the efficiency of oil recovery (Post graduate degree)

2016 - 2018:

- Saint Petersburg Mining University
- Oil and Gas Department
- Speciality: Simulation of Oil Fields Development (Master's Degree)

2012 - 2016:

- Saint Petersburg Mining University
- Oil and Gas Department
- Speciality: Operation and Maintenance of Oil Production Facilities (Bachelor's Degree)

Work experience

Gazpromneft Research Center

2021 - 2022

Saint Petersburg, Russia

Lead specialist

- *Oil field development review*
- *Analyzing data of oil field development*
- *Proposal of oil field development methods*
- *Preparation of field-development program*

Investneftegas Research Center

2019 - 2022

Saint Petersburg, Russia

Engineer

- *Oil field development review*
- *Analyzing data of oil field development*
- *Proposal of oil field development methods*
- *Preparation of field-development program*

Laboratory of Rock Destruction

2018 - 2021

Saint Petersburg, Russia
Engineer

- *Working with special equipment (press machines, measuring equipment)*
- *Analyzing data collected after trials*
- *Preparation of progress reports*

The State Committee on Reserves

2017 - 2019

Saint Petersburg, Russia
Specialist I category

- *Preparation of progress reports*
- *Working with papers*

Personal qualities

- Leadership qualities
- Goal-oriented
- Quick learner
- Communicative
- Dependable
- Proactive
- Versatile

Special skills

- Native Russian
- Fluent English (IELTS certificate: Band Score 6.5)
- Driving License (Category B).
- Computer literacy (Microsoft Office, Adobe Acrobat, CorelDRAW)
- Hobbies: foreign languages, books, science

Awards

- International research-to-practice conference “Actual issues of science and technology – 2016” (Ufa, 2016) – first prize
- British Petroleum scholarship (2017-2018)
- Russian conference of graduate students (Saint Petersburg, 2018) – first prize

Research experience

Theme of research

- *Evaluation of the influence of the stress-strain state of terrigenous reservoir rocks on the efficiency of oil recovery*

Idea

- *Change in stress-strain behaviour is taken into account during simulation of fluid influx*

Tasks

- *Analysis of the applicability of ideal filtration models*
- *Determination of parameters which are related to stress-strain behavior and estimation of their impact on fluid influx*
- *Mathematical simulation of the impact of a rock stress deformed state on fluid influx*

Publications

- Petrakov D.G., Penkov G.M., Zolotukhin A.B. Experimental study on the effect of rock pressure on sandstone permeability. Journal of Mining Institute. 2022. Vol.254,p.244-251. DOI:10.31897/PMI.2022.2
- D.G. Petrakov, G.M. Penkov, D.A. Solomoychenko, 2021, Analysis of the Dependence between Acoustic and Physico-Mechanical Properties of Terrigenous Rocks, «Perm Journal of Petroleum and Mining Engineering», Vol.21, no.2. P.71-75. DOI: 10.15593/2712-8008/2021.2.4
- G.M. Penkov, D.A. Karmansky, D.G. Petrakov, 2020, Study of the relationships between physical and mechanical properties of the sandstone and velocity of elastic waves, «Perm Journal of Petroleum and Mining Engineering», Vol.20, no.1. P.27-36. DOI: 10.15593/2224-9923/2020.1.3
- G.M. Penkov, D.G. Petrakov, 2019, Research of a reservoir saturation impact on its characteristics when developing oil and gas, «Oil engineer», Vol 2, P 36-40.
- G.M. Penkov, D.A. Karmansky, D.G. Petrakov, 2019, Simulation of a fluid influx in complex reservoirs of Western Siberia, CRC Press/Balkema Schipholweg 107C, 2316 XC Leiden, The Netherland, P 119-124
- A.G. Pevneva, G.M. Penkov, M.D. Bakiev, 2017. On designing a computational experiment system for various engineering interpretations of a global optimization problem. ARPN Journal of Engineering and Applied Sciences, Vol 12 No 4. P 1219-1225.
- Bakiev M.D., Petrakov D.G., Orlov M.S., Penkov G.M., 2016, Investigation of the replacement high viscosity oil hele-shaw cell in simulation downloads the solvent in fracture model-pore reservoir, International Research Journal, Vol 8, P 55-59
- Orlov M.S., Kishchenko M.A., Konovalov K.I., Penkov G.M., Bakiev M.D., 2015, The investigation of solvents properties which are used in oil and gas industry, International Research Journal, Vol 2, P 80-83

References

- Dmitriy Petrakov, Saint Petersburg Mining University, +7 921 788 1962, petrakov@spmi.ru
- Mikhail Ilinov, Saint Petersburg Mining University, +7 921 975 1604, Ilinov_MD@pers.spmi.ru