

Alexey Alexandrovich PODYACHEV



**Associate Professor, Oil and Gas Wells
Drilling Department, Candidate of
Technical Sciences**



THE MOST IMPORTANT Scientific Papers

REMEDICATION OF MINERAL RESOURCES POLLUTED BY OIL REFINERIES

Ecology and Industry of Russia, no. 23(3),
pp. 9-13, 2019

INFLUENCE OF MECHANICAL CHARACTERISTICS CHANGE OF ROCKS DURING MUD SATURATION ON THE STRESSED STATE OF NEAR-WELLBORE AREA

Scientific and Technical Journal of
Onshore and Offshore Oil and Gas Wells
Construction, no 11, pp. 31-38, 2014



Education

Samara State Technical University



Work Experience

11 years



Professional Development

1. Onshore and Offshore Oil Well Drilling. Odjar Yurdu University (Baku, Azerbaijan). 2018
2. Horizontal Wells - Applicability, Construction, Completion, Productivity and Monitoring of Production Indicators. Applied Engineering and Training Center Sapfir, 2017
3. Interpretation of Seismic Exploration for Oil Geologists. Kazan Federal University, 2017
4. Maintenance of Cluster Drilling PadCourses. Engineering Calculations in Drilling. Petrovizer LLC, 2017
5. Hydrofrac Monitoring Using Microseismic Methods. Kazan Federal University, 2018



Teaching

- Directional and horizontal wells drilling
- Intelligent well completion
- Mathematical modeling and numerical methods in the oil and gas industry
- Application software products
- Onshore and offshore construction of directional wells



Research Interests

- Geomechanics
- Directional drilling
- Microseismics
- Hydraulic fracturing monitoring
- Geological modeling

PREDICTION OF SAND INGRESS PROCESS UNDER CONDITIONS OF THE SAMARA REGION DEPOSIT

Oilfield Engineering, no 5, pp. 25-28, 2017

INCREASING THE OPERATIONAL LIFE OF DRILL PIPES USING A LASER METER

Oil. Gas. Innovations, no 3, pp. 18-20, 2015

DETERMINING THE DIRECTION OF THE MAXIMUM HORIZONTAL STRESS ACCORDING TO THE VERTICAL WELL DIRECTIONAL SURVEY DATA

Oil and Gas Territory, no 8, pp. 16-18, 2015

INFLUENCE OF MECHANICAL CHARACTERISTICS CHANGE OF ROCKS DURING MUD SATURATION ON THE STRESSED STATE OF NEAR-WELLBORE AREA

Scientific and Technical Journal of Drilling
and Oil, no 11, 2014

GENERALIZED ANALYSIS OF WELLBORE SUSTAINABILITY CRITERIA

Scientific and Technical Journal of Oil. Gas.
Innovations, no 3, 2015

OVERVIEW OF SYSTEMS TO TEST THE SAMPLES OF FORMATION ROCK IN CONDITIONS OF THEIR ALL-ROUND STRESSES

Scientific and Technical Journal of Oil, Gas,
Innovations, no 10, 2018

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