## **Table of Contents**

Preface
<b>Evaluation of the Influence of the Facies Genesis of the Reservoir Unit of the Fainsk Oil</b>
Field YUS <sub>1</sub> Facility on the Effectiveness of Integrated Processing of the Injection Wells
<b>Bottomhole Formation Zone with the Application of Acid Compositions</b>
V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and E. Neelova
Peculiarities of Productive Sediments Facies Analysis according to GWL Data

1 V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and V. Zapevalov 11

Using Borehole Seismic Data in Designing of Development and Further Exploration of Oil

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and E. Neelova 20 Oil Recovery Factor Assessment Results for Sites of the Sredne-Ugutskoye Field

27

77

125

140

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and E. Neelova Assessment of Bottomhole Formation Zone Results for the YUS<sub>1</sub><sup>1</sup> Development Wells at the

Fainsk Oil Field with the Application of Hydrocarbon Solvents and Acid Compounds V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and M. Zavatskij 34

Refinement of the Geologic Structure of the Ozernove Field for Improving the Development **Efficiency** 

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and M. Zavatskij 40 Substantiation of the BFZP Technology Application at the Object YUS<sub>1</sub><sup>1</sup> of the Fainsk Oil

I. Nesterov, M. Kadyrov, A. Ponomarev, D. Drugov and M. Zavatskij 46

Specific Features of the Geological Structure of the Formations YUS<sub>1</sub><sup>1</sup> and YUS<sub>2</sub><sup>2</sup> of the Sredne-Ugutskoye Oil Field and their Influence on the Effectiveness of Pay Zones Completion

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and O. Veduta 52

Diagnostics of Facial Complexes in Bajocian-Bathonian Deposits of the Peschanoye Field V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and O. Veduta 64

Application of Lithofacies Modeling for Evaluating the Effectiveness of Enhanced Oil **Recovery in the Fainsk Oil Field** 

70 V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and O. Veduta

Studies on Applying Acid Compositions to Treat the Western Siberian Field Bottomhole Formation Zone

I. Nesterov, M. Kadyrov, A. Markov, D. Drugov and V. Zapevalov Geodynamic and Lithofacies Features of Deposit Formation of the AV<sub>1</sub><sup>1-2</sup> Horizon of the

Samotlor Field

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and V. Zapevalov 88

Analysis of the Geological Structure of the Sredne-Ugutskove Oil Field with Regard to an **Increase in the Efficiency of its Development** 

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and I. Bulgakova 94

**Detailed Approach to Planning Transfers from One Production Facility to Another** V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and I. Bulgakova 101

Microseismic Multistage Formation Hydraulic Fracturing (MFHF) Monitoring Analysis

V. Aleksandrov, M. Kadyrov, A. Ponomarev, D. Drugov and I. Bulgakova 107

Oil and Gas Reef Facies Reservoir 3D Geological Modeling V. Aleksandrov, M. Kadyrov, Z. Ufelman, V. Golozubenko and V. Kopyrin

118 Assessment of Radial Drilling Feasibility at the Fields of the Orenburg Region

V. Aleksandrov, M. Kadyrov, A. Ponomarev, V. Golozubenko and V. Kopyrin

**The Mature Formation Production Features** V. Aleksandrov, M. Kadyrov, A. Ponomarev, V. Golozubenko and V. Kopyrin 133

Genetic Zoning of the YUV<sub>1</sub> Productive Horizon Deposits within the Tagrinsko-Yarainersky Bar

V. Aleksandrov, M. Kadyrov, A. Ponomarev, K. Galinskij and S. Aleksandrov

Selecting a Technology to Increase well Capacity and Enhance Oil Recovery of the YUS <sub>1</sub> <sup>1</sup> Formation of the Fainsk Oil Field	
V. Aleksandrov, M. Kadyrov, A. Markov, V. Golozubenko and S. Aleksandrov	146
Efficiency Analysis of Processing Injection Wells with Acid Compositions V. Aleksandrov, M. Kadyrov, A. Ponomarev, V. Golozubenko and S. Aleksandrov	153
Use of Diverter Compositions for Enhancing the Effectiveness of Oil Recovery from Productive Deposits V. Aleksandrov, K. Galinskij, A. Ponomarev, V. Golozubenko and Y. Sivkov	159
Peculiarities of the Geological Structure of the Roslavl License Block	137
V. Aleksandrov, M. Kadyrov, A. Markov, V. Golozubenko and Y. Sivkov	171