



**OIL GAS YAKUTIA**

2022



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## Introduction

RNG JSC is one of the leading company of the oil and gas industry in the Far Eastern Federal District.

In 2014, the Company started the active development of the Eastern blocks of Srednebotuobinskoe oil and gas condensate field license area. In 2018, it started a trial pilot operation of the field. The commercial field production started on August 29, 2019.

The Company accomplished a prodigious amount of exploration and field development works. Three key factors made it possible:

- Attracting the largest contractors;
- Using innovative technologies;
- Extensive experience of management in large oil and gas projects implementation.

RNG JSC adheres to high standards of industrial safety, takes care of the ecology of the Republic of Sakha (Yakutia), ensuring that natural resources are used carefully, and environmental legislation and standards are strictly observed.

RNG JSC pays great attention to working with the indigenous small-numbered peoples of the North and participates in the preservation of their national culture.

The company implements a modern, efficient and responsible approach to the organization of work, which ensures its stable growth and the welfare of its employees.



## Mission

The creation of a modern oil and gas company within the EASTSIB HOLDING Group of Companies capable to develop effectively oil and gas fields in remote areas with difficult climate conditions

## Goals

1

Improving efficiency of developing the Eastern blocks of the Srednebotuobinskoye oil and gas condensate field.

2

Developing human capital, increasing the employment and welfare of the Republic of Sakha (Yakutia)

3

Preserving the environment and fulfilling social obligations

4

Using innovative technologies in the exploration and development of deposits

5

Increasing of profit and investment attractiveness of the company due to harmonious management of the economic, ecological and social aspects of operational activities

## Key indicators



### 34,2 mil t

Initial recoverable oil reserves (in the State Register as of January 01, 2022)

### 13,4 bil m<sup>3</sup>

Initial recoverable gas reserves (in the State Register as of January 01, 2022)



### 1,077 mil t

oil produced in 2021



### 181

wells total drilled (as of September 01, 2022)





## Region of Activity

RNG JSC conducts production activity in the Republic of Sakha (Yakutia) in difficult climatic conditions and at considerable distance from industrial centers.

The Eastern blocks of the Srednebotuobinskoye oil and gas condensate field are located within the Ileno-Vilyuyskaya Plain of the Central Siberian Plateau, in the interfluvium of the Lena and Vilyui, in the basin of the middle course of the Ulakhan-Botuobuya River (the right tributary of the Vilyui River).

The Taas-Yuryakh River and several other, smaller rivers also represent the hydrography of the district.

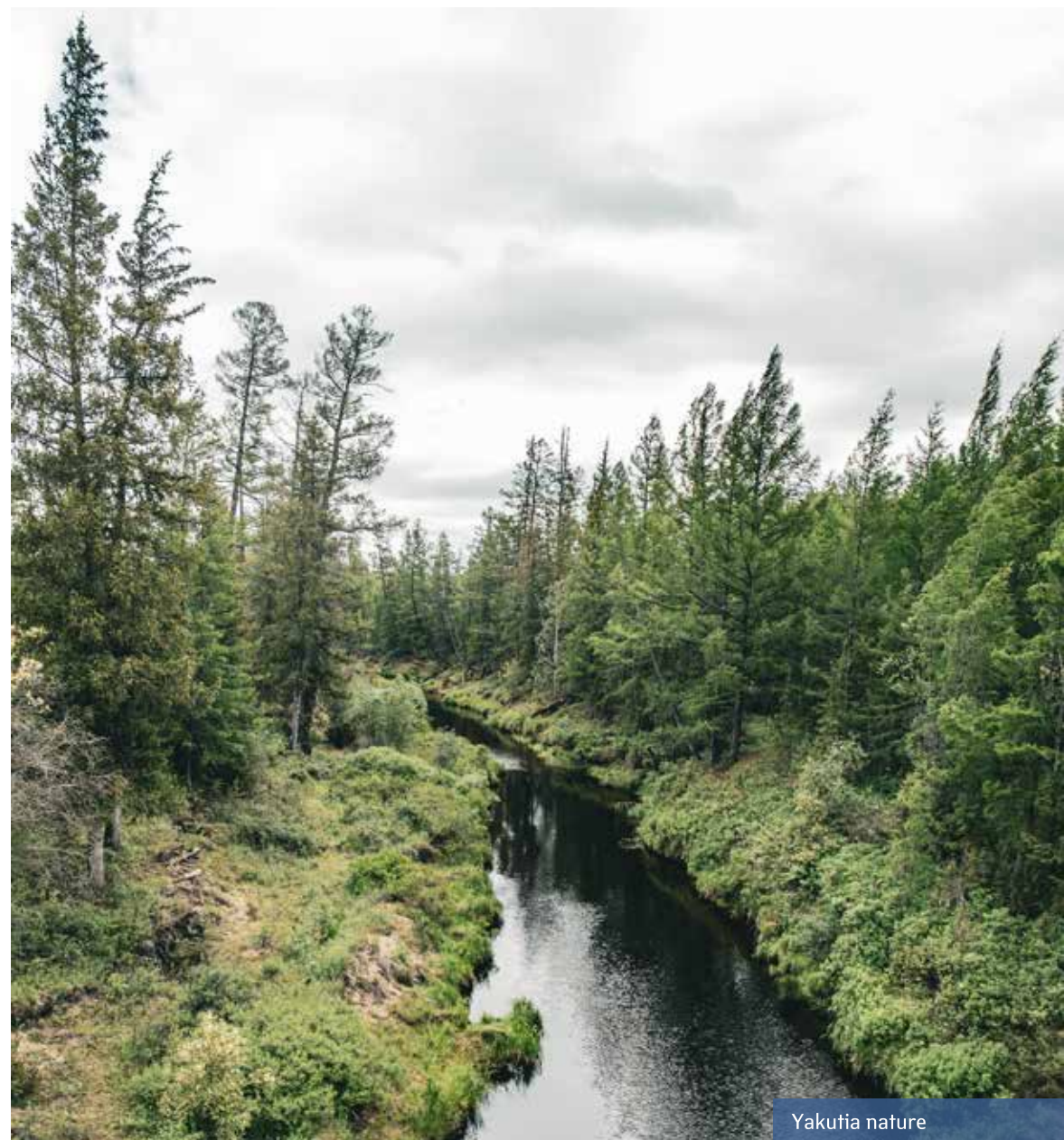
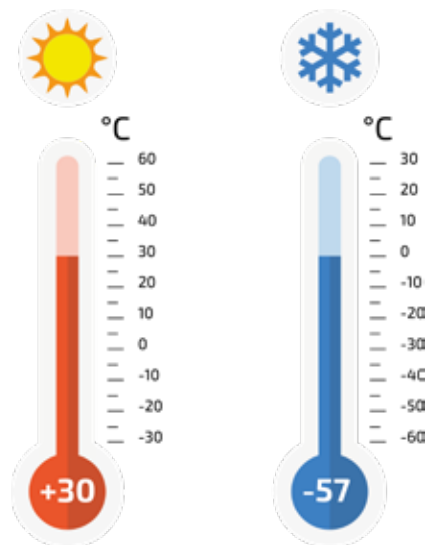
The relief consists of a hilly plain, dissected by a dense network of temporary watercourses. The absolute elevation marks of the relief are 300-390 m and the relative extensions are 30-50 m.

The main feature of the engineering and geological conditions of the locality is the widespread development of permafrost rocks that reach down to a depth of 400 m.

The climate of the Mirninsky district is sharply continental with a long, severe winter and a short, warm summer (temperature maximum is +30 °C).

The average duration of winter is 7 months, with clear weather and low temperatures.

Negative temperatures in winter can reach -57 °C.



Yakutia nature



# RNG JSC License Areas Scheme

Since 2010 RNG JSC holds a license for the right to use the subsoil within the Eastern blocks of Srednebotuobinskoye oil and gas condensate field (EB SB OGCF), also conducts geological study of subsoil areas and acts as an operator for exploration and development of open fields at the licensed areas of affiliated companies included in EastSib Holding:

Yuzhno-Syuldyukarsky, Monulakhsky, Murbaysky, Betinchinsky, Verkhnemarkhachansky and Tokkinsky.

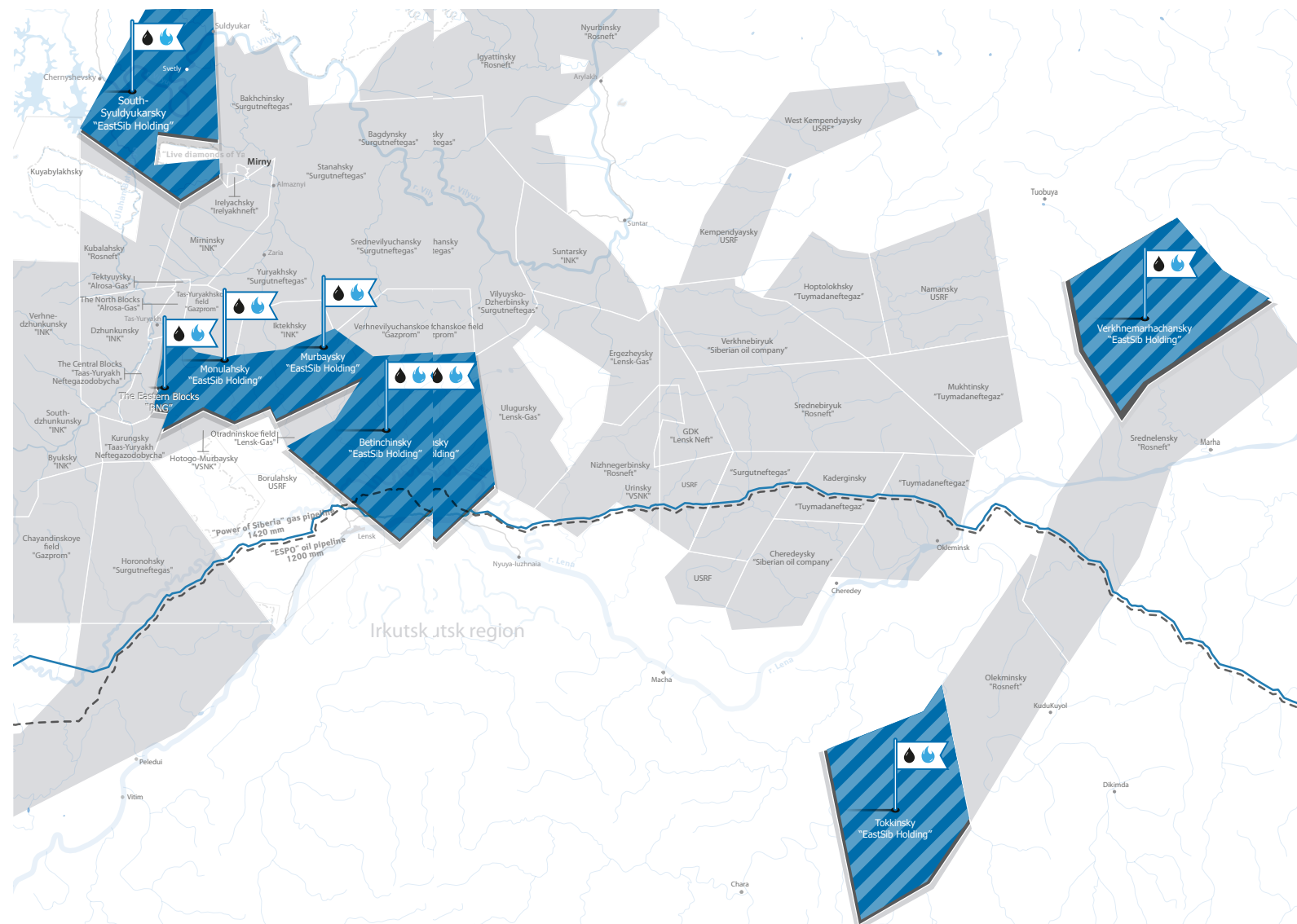
26 wells (excluding hydrogeological) were drilled at the group's licensed areas in 2021

## 1 The Eastern blocks of the Srednebotuobinskoye oil and gas condensate field:

- 23 production wells, of which
- 15 wells without pilot
- 3 wells with pilot
- 3 wells with the use of fishbone technology
- 1 well with the use of side-tracking method
- 1 exploration well

## 2 Yuzhno-Syuldyukarsky license area:

- 2 exploration wells
- 1 well with the use of side-tracking method



## Project Life Cycle



### 1970



### 2014-2018



- Exploration drilling, reserves estimation. Creation of production capacity per oil volume 1.2 mil tons per year
- Start of pilot operation – IV qvt. 2018

### Since 2019

- Intensive field drilling stage with access to the well project fund
- Maximizing production
- Expansion of production capacity to 1.5 mil tons per year



Central production facility at EB SB OGCF

## Field

The Srednebotuobinskoye oil and gas condensate field (OGCF) is located in Mirny district of the Republic of Sakha (Yakutia), 130 km south-west of Mirny and 140 km north-west of Lensk.

The produced oil is delivered to the Eastern Siberia — Pacific Ocean (ESPO) pipeline system in accordance with the received tie-in specification.

85 km south-west of the Srednebotuobinskoye OGCF is the Chayandinskoye field, which is the base for Yakutsk gas production center and gas supply to China via the Power of Siberia gas pipeline.

Tectonically the field is divided into three large blocks: Central Block, Northern Block, and Eastern Blocks.

**from 9 to  
30 metres**

changes the net thickness  
of the eastern blocks of SB OGCF

**56 TPD**

maximum oil flow rates in  
vertical exploration wells  
at the Eastern blocks

Notwithstanding significant potential of the Eastern Siberian natural resources, hydrocarbon reserves are still mainly undeveloped in this region due to its geographical remoteness and severe climate conditions. Poor road infrastructure in the region complicates both transportation of the equipment to the field and transportation of the production therefrom.

The problem is to be solved with a substantial contribution of the ESPO oil pipeline and the Power of Siberia gas pipeline, which is located at a distance of 150 km from the Eastern blocks of the Srednebotuobinskoye field.

Central production facility at EB SB OGCF



## License

RNG JSC holds Subsoil use License YaKU 04493 NE issued September, 03, 2015 (YaKU 14867 NE reissued to JSC) for the exploration and production of hydrocarbons within the Eastern blocks of SB OGCF.

- The license is valid till December 31, 2117.
- The license area is 385,5 km<sup>2</sup>.





Central production facility at EB SB OGCF

## RNG JSC is one of the largest Yakutia employers

The company constantly improves production indicators and introduces innovative and digital technologies.

To ensure the production of hydrocarbon raw materials in the field, RNG JSC constructs the necessary infrastructure: high-voltage power transmission lines, oil collection points, oil collections networks, water pipelines and reservoir pressure maintenance systems, as well as a network of technological passageways.

The company makes a significant contribution to the socio-economic development of the Republic of Sakha (Yakutia) and implements a wide range of social, cultural and environmental projects. It actively conducts sponsorship and charitable activities, provides support to the indigenous small-numbered peoples of the North.

RNG JSC in its activities relies on the principles of sustainable development and measures success not only by financial and production indicators. The company fulfills all the obligations in the field of social responsibility.



RNG JSC office in Mirny

## The Board of Directors



**Gavrilova  
Lyubov Anatolievna**

*Chairman  
of the Board  
of Directors*

### Biographical information:

- Born in 1971
- Graduated from the Russian Oil and Gas University I.M. Gubkin, with a degree in Oil and Gas Industry Automation Engineer and Oil and Gas Fields Development
- Graduated from the Moscow Business School with a degree in MBA
- PhD in Technical Sciences

### Positions held:

- 1989–1993: Automation engineer, Akhtyrsky NGDU, Ukrnafta
- 1994–1998: Engineer of Enhanced Oil Recovery Laboratory in Gubkin Oil and Gas University
- 1999–2001: Leading Specialist of Oilfield Development Department in Lukoil Research Center
- 2001–2004: Chief Specialist in Department of Geological-Technical Simulation of Lukoil Research Center
- 2004–2006: Chief Specialist in Reservoir Production Department of OAO TNK-BP Management
- 2006–2009: Deputy Managing Director of Harrison Lovegrove and Co International Investment Boutique Bank Branch in Russia
- 2009–2010: Deputy Head of the Representative office of Standard Chartered International Investment Bank in Russia
- 2010–2011: Deputy Director of Energy, Oil and Gas Companies Consulting Department in OAO AKB Eurofinance Mosnarbank
- 2011–2012: Vice President of the Financial Consulting Department in Renaissance-Capital the Russian Investment Bank
- 2012–2016: Director of Corporate Finance Department in Deloitte&Tush Consulting Company in Moscow
- 2016–2022: Deputy Director of Investment and Capital Markets Department in KPMG Limited Consulting Company in Moscow
- From 2022: Chairman of the Board of Directors of RNG JSC



**Rakitin  
Vladimir Sergeevich**

*CEO*

### Biographical information:

- Born in 1986
- Graduated from the G.V. Plekhanov Russian Economic University in 2008 and has a degree in Finance and Credit
- PhD in Economics

### Positions held:

- 2007–2010: Direct Investment Project Manager at Eurofinance Mosnarbank
- 2010–2014: Senior Tax Adviser at the Moscow office of Lawrence Graham (CIS) LLP
- 2014–2019: Director of Finance at RNG JSC
- From 2019: CEO of RNG JSC



**Vilochkin  
Yury Mikhailovich**

*Member of the  
Board of Directors*

### Biographical information:

- Born in 1949
- Studied organisation management, law at the Moscow Institute of International Economic Relations, and logistics at the NRU HSE

### Positions held:

- 1999–2000: Deputy Head of Administration for the Russian Ministry of Railways
- 2004–2010: Vice President of Eurofinance Mosnarbank JSCB
- 2010–2013: Chief Security Officer for Sberbank's Northwest Branch
- 2013–2014: Vice President of Soyuz Corporation
- From 2014: First Deputy Chief Executive Officer of Inter-State Development Corporation JSC
- From 2016: Member of the Board of Directors of RNG JSC



**Kolmogorov  
Vasily Vasilyevich**

*Member of the  
Board of Directors*

### Biographical information:

- Born in 1943
- Graduated from Sverdlovsk Institute of Law
- Distinguished Lawyer of the Republic of Sakha (Yakutia) and Russia
- Honorary Employee of the Investigative Committee of the Russian Federation
- Honorary Employee of the Prosecutor's Office of the Russian Federation
- Awarded the Order of Honour

### Positions held:

- 1990–1994: Prosecutor of the Republic of Sakha (Yakutia)
- 1994–2004: Deputy Prosecutor General of the Russian Federation
- 2000–2004: Head of the Main Investigative Department at the Russian Federation Prosecutor General's Office
- 2004–2006: Advisor to the Prosecutor General of the Russian Federation
- 2005–2008: Advisor to the President-Chairman of the Management Board of VTB Bank PJSC
- 2009–2010: Advisor to the CEO of Rosvino LLC
- 2010–2015: Advisor to the President-Chairman of the Management Board of Eurofinance Mosnarbank JSCB.
- From 2015: Member of the Board of Directors of RNG JSC
- From 2020: Chairman of the Auditing Committee of RNG JSC

## Management



**Rakitin  
Vladimir Sergeevich**

CEO

### Biographical information:

- Born in 1986
- Graduated from the G.V. Plekhanov Russian Economic University in 2008 and has a degree in Finance and Credit
- PhD in Economics

### Positions held:

- 2007–2010: Direct Investment Project Manager at Evrofinance Mosnarbank
- 2010–2014: Senior Tax Adviser at the Moscow office of Lawrence Graham (CIS) LLP
- 2014–2019: Director of Finance at RNG JSC
- From 2019: CEO of RNG JSC



**Cherykayev  
Evgeny Vladimirovich**

Deputy CEO – Chief Engineer

### Biographical information:

- Born in 1974
- Graduated from the Samara State Technical University with a degree in Development and Operation of Oil and Gas Facilities

### Positions held:

- 1998–2011: Oil and Gas Production Foreman, Lead Technologist of the Oil and Gas Production Workshop, Shift Supervisor at the Central Dispatch Office, and Deputy Head of the Central Dispatch Office at Orenburgneft
- 2012–2014: Head of Oil Production Department, Deputy Chief Engineer and Chief Engineer at Taas-Yuryakh Neftegazodobycha LLC
- From 2014: Head Engineer of RNG JSC
- From 2015: Deputy CEO – Chief Engineer of RNG JSC



**Goncharov  
Pavel Petrovich**

Deputy CEO and  
Chief Legal Officer

### Biographical information:

- Born in 1978.
- Graduated from Moscow State University of Economics, Statistics and Informatics (MESI) with a degree in Finances and Credit, and graduated from MSU majoring in Law
- PhD in Legal Sciences

### Positions held:

- 2004–2006: Advocate Assistant in Advocate Bureau Reznik, Gagarin Abushakhmin and Partners
- 2006–2008: Senior Legal Advisor for the Legal Consulting Practice BDO Unicon PJSC Auditors and Consultants
- 2008–2009: Senior Lawyer of the Department of Legal Support of Investment Projects of Evrofinance Mosnarbank JSCB
- From 2010: Chief Legal Officer of RNG JSC



**Grechikho  
Pavel Anatolyevich**

Deputy CEO — Chief Geologist

### Biographical information:

- Born in 1988
- Graduated from Lomonosov Moscow State University (MSU) with a Master's degree in Geology

### Positions held:

- 2012–2016: Senior Geologist at Roxar Services AS (Emerson Group)
- 2016–2020: Head of the Department, Deputy Head of the Division, Head of the Geology Division of RNG JSC
- From 2020: Deputy CEO of RNG JSC and Chief Geologist



**Uskov  
Alexandr  
Nikolayevich**

Deputy CEO — Head of the  
Capital Construction  
Department

### Biographical information:

- Born in 1980
- Graduated from the Tyumen State Oil and Gas University with a degree in Design, Construction and Operation of Gas and Oil Pipelines and Gas and Oil Storage Facilities

### Positions held:

- 2002–2007: Lead Engineer, Pipeline Construction for Surgutneftegaz's oil and gas production department, Fedorovskneft
- 2007–2012: Supervisor of Technical Construction at the Uvat Project led by TNK-Uvat LLC
- 2012–2014: Head of a Stand-alone Tyumen division at Taas-Yuryakh Neftegazodobycha LLC
- From 2014: Working for the Eastsib Holding Group
- From 2020: Deputy CEO of YakutStroyProekt LLC



**Yakimov  
Yuri Anatolyevich**

Deputy CEO for Drilling

### Biographical information:

- Born in 1974
- Graduated from the Ukhta Industrial Institute in 1998 with a degree in Drilling of Oil and Gas Wells, and graduated from the Russian Presidential Academy of National Economy specialising in Finance and Credit

### Positions held:

- 1997: — Assistant Driller of Production and Exploration Drilling of the 4th category in Surgutneftegaz PJSC
- 2000–2002: Mud Drilling Engineer of the 1st category in Lukoil Burenie LLC
- 2002–2011: Mud Drilling Engineer, Technical Supervisor and Project Manager in Halliburton Int. Inc.
- 2011–2011: Chief Technologist, Head of Chief Process Engineer's Office in UF Rn-Burenie LLC
- 2011–2012: Head of Drilling and Well Servicing Workover Department (WSW) at Taas-Yuryakh Neftegazodobycha LLC
- 2012–2014: Head of Drilling Integrated Projects in Russia for Weatherfold Holdings
- From 2020. – Head of Well Drilling Department of RNG JSC



# KEY PARTNERS

## Geological exploration and field development



GEOTECH Seismic  
Exploration PJSC

## Geophysical work



Udmurtneftegeofizika LLC

## Drilling contractor



VPT-Neftemash LLC

## Oil services



East Siberian  
Engineering  
Company LLC

## Estimating oil and gas reserves



Centre for Scientific  
Research, design, geology  
of fossil raw materials,  
TsNIP GIS LLC

## Main servicing bank



Rosbank PJSC

## Engineering surveys



YakutStroy-  
Izyskaniya LLC



VKTB LLC

## Insurance partners



SOGAZ JSC



Alfa  
Strakhovanie

## Road design



TEKPRO LLC

## Enviromental consultants



Institute of Applied  
Ecology of the North

## Project work



Hyprovostokneft JSC



Institute of Biological  
Problems of the  
Cryolithozone SB RAS







Member of the Russian  
Union of Industrialists and  
Entrepreneurs



Certificate  
GOST ISO 9001-2011



Member  
of AssoNef



Quality management systems  
Certificate GOST P  
54934-2012 (OHSAS  
18001:2007)  
Occupational safety and  
Health management System



Member of  
the Chamber of Commerce  
and Industry of the Republic  
of Sakha (Yakutia)



Certificate GOST R ISO  
14001-2016 (ISO  
14001:2015)  
Environmental management  
system



Member of the  
Russian gas society

#### Offices in Moscow

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E-mail: [office@rngoil.ru](mailto:office@rngoil.ru)