

GLOSSARY

ADCS – automated dispatch control system

ADP – asset development project

AEES – automated energy efficiency system

AIS – analytical information system

APG – associated petroleum gas

AWS – automated workstation

BCP – biodiversity conservation program

BPM – business process management

BSC – Business Service Center

CIS – Commonwealth of Independent States

CPC – Caspian Pipeline Consortium

CPF – Central Production Facility

CRC – corrosion-resistant coating

DV – drilling vessel

EAP – East Asia and the Pacific

EBITDA – earnings before interest, taxes, depreciation and amortization

ECA – Europe and Central Asia

ECP – electrical centrifugal pump

EFTG – Enhanced Full Tensor Gravity Gradiometry

EGZ – East Gabel El Zeit block

EMBA – Executive Master of Business Administration

EORM – enhanced oil recovery method

EROI – energy return on investment

ETP – electronic trading platform

E&P – exploration and production

FCF – free cash flow

FDP – field development plan

FEED – front end engineering design

FEM – financial economic model

FPM – formation pressure maintenance

GEA – geological exploration activities

GEW – geological exploration work

HF – hydraulic fracturing

HNP – huff and puff

HTRR – hard-to-recover reserves

IDP – innovative development program

IEAA – International Economic Association Agreement

IEP – integrated environmental permit

IFRS – International Financial Reporting Standards

JSC – joint-stock company

KFU – Kazan Federal University

KMS – Knowledge Management System

KPI – key performance indicator

KSI – kickoff surface infrastructure

LAC – Latin America and the Caribbean

LDP – long-term development program

LTIFR – Lost Time Injury Frequency Rate

MGIMO – Moscow State University of International Relations

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| MOAL – motor oil and lubricant | RLA – regulatory legal acts |
| MNA – Middle East and North Africa | RMS – risk management system |
| MPC – maximum permissible concentration | RMS IS – Real-time Monitoring Center Information System |
| MRT – mineral replacement tax | RUIE – Russian Union of Industrialists and Entrepreneurs |
| MSHF – multistage hydraulic fracturing | R&D – research and development |
| NAA – Nenets Autonomous Area | SAGD – steam-assisted gravity drainage |
| NRPI – natural reservoir pressure increase | SEREU – South East Ras El Ush block |
| OEIM IS – Oilfield Equipment Integrity Management Information System | SHPP – small hydroelectric power plant |
| OGEEE AIS – Oil and Gas Enterprise Energy Efficiency Analytical Information System | SPP – solar power plant |
| OGWI – oil, gas, and water inflows | TOE – ton of oil equivalent |
| OF – open fountains | ULRS – Unified Labor Remuneration System |
| ORI – oil recovery index | VAT – value-added tax |
| ORS – oil refining and sales | VSP – vertical seismic profiling |
| OTS – operational and technical section | WBS – work breakdown structure |
| PCDW – pilot commercial development work | WHP – well-head platform |
| PCF – petroleum-containing fluid | WIP – well intervention program |
| PDCA – plan-do-check-act | WLS – well log survey |
| PSA – production sharing agreement | WPP – wind power plant |
| PSDM – pre-stack depth migration | WSW – well servicing and workover |
| PSTM – pre-stack time migration | WWF – World Wildlife Fund |
| RAS – Russian Accounting Standards | YNAO – Yamalo-Nenets Autonomous Area |
| RES – renewable energy source | |
| RESDD – Renewable Energy Source Development Department | |