

GLOSSARY OF TECHNICAL TERMS

(As used in Chapter VIII)

Technical Term	Description
Approved Work Programme	A work programme that has been approved by appropriate authority.
Basins	A Depression in the earth's crust where sedimentary materials are accumulated over the years. With reference to the Company it refers to the entity that is involved in exploration related activities.
Biosphere area	Biosphere is the ecological system integrating all living beings and their relationships, including their interaction with the elements of the lithosphere, hydrosphere, and atmosphere.
Block	Area identified in a field which is offered by Government under nomination (PEL) or to prospective bidders under New Exploration Licensing Policy, for the purpose of exploration of oil and gas
Directorate General of Hydrocarbon	An organization including its successors under the Ministry of Petroleum and Natural Gas.
Exploration	Searching for oil and/or natural gas, including topographical surveys, geological surveys, seismic surveys and drilling of wells.
Exploratory Well	A Well drilled for the purpose of searching for undiscovered petroleum accumulations on any geological entity (be it of structural, stratigraphic, facies or pressure nature) to at least a depth or stratigraphic level specified in the Work Programme.
Geo Technical Vessel	Vessel deployed for carrying out geotechnical investigations like determining the physical strength of soil for various offshore structures like jack-up rigs, sub-sea pipelines, jackets <i>etc.</i>
Geo Technical Order	An order which indicates the well drilling plan in terms of days, depth indicating lithology vis-à-vis depth, pressure vis-à-vis depth, casing/cementing policy, mud requirement, bits required <i>etc.</i>
Hydrocarbon	In organic chemistry, a hydrocarbon is an organic compound consisting entirely of hydrogen and carbon.
Management Committee	The Committee constituted pursuant to Article 6 of PSC.
Mesozoic	Mesozoic refers to the rocks/strata deposits during the time period between 240 to 66 million years ago.
Miocene	Miocene is a geological epoch which started approximately 23 million years before the present and lasted for eighteen million years.
Prognostication	The process of forecasting or estimating the hydrocarbon potential of an area.
Prospects	Prospects indicate the areas of hydrocarbon accumulation.
Reservoir	A naturally occurring discrete accumulation of Petroleum.
REXB	REXB consists of experts from various basins as well as from institutes (GEOPIC & KDMIPE) of the Company.
Reservoir Facies	The overall characteristics of a rock unit that reflect its origin and differentiate the unit from others around it.

Technical Term	Description
Rig Days	Number of days for which rigs were in operation/available during a particular period.
Rigs	It is an equipment used for drilling a well bore.
Sedimentary basins	Sedimentary basins are depressions in the earth's crust where organic matters are deposited.
Spud	Process of starting the well drilling process by removing rock, dirt and other sedimentary material with the drill bit.
Stratigraphy	Stratigraphy, a branch of geology, studies rock layers and layering (stratification). It is primarily used in the study of sedimentary and layered volcanic rocks.
Streamer	Series of chains with hydrophones which receives reflective signals from the sub-surface strata.
Well	A borehole, made by drilling in the course of Petroleum Operations, but does not include a seismic shot hole.
Work Programme	A work programme formulated for the purpose of carrying out Petroleum Operations during a particular period.