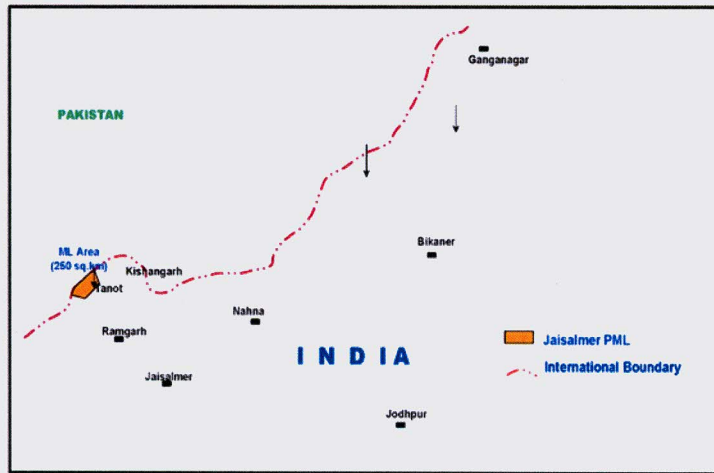


SUMMARY OF PROJECT

JAISALMER PML BLOCK:



ऑयल इंडिया लिमिटेड
Oil India Limited

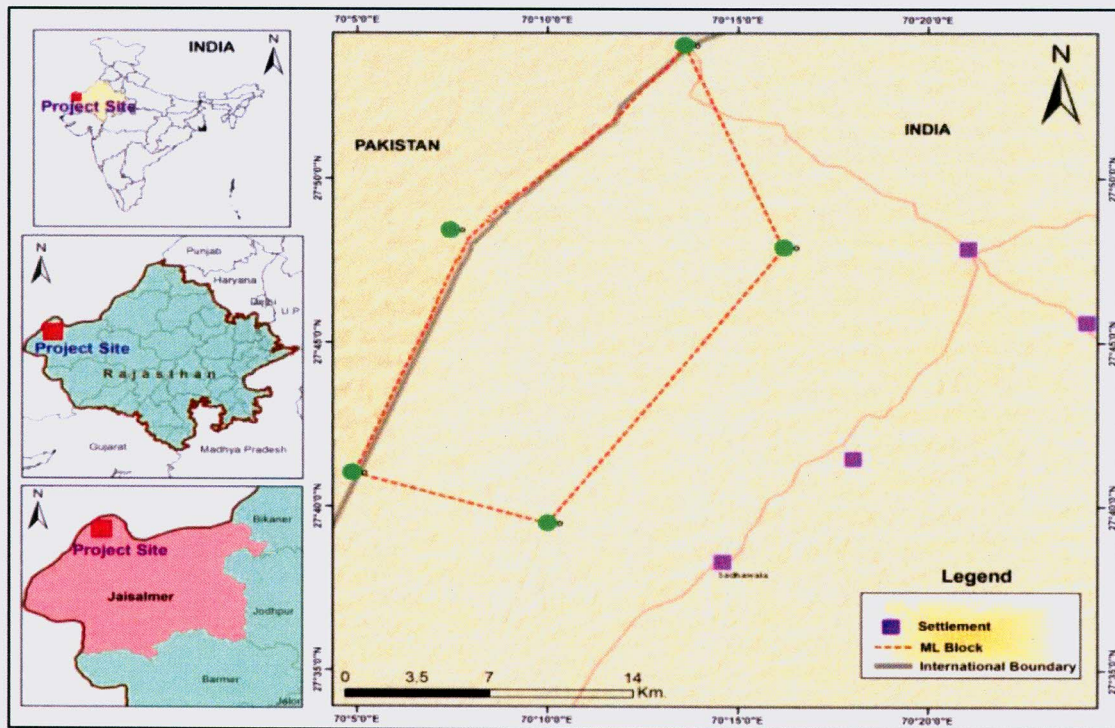


FIG: JAISALMER PML

OIL INDIA LIMITED (OIL), a Government of India Navaratna Enterprise, is currently engaged in carrying out exploration, development and transportation activities in its main operational areas in Upper Assam, Arunachal Pradesh and Mizoram in the North Eastern part of India for petroleum exploration.

OIL ventured out of North East in the early Eighties after its transition from a Joint Venture Company to a National Oil Company. OIL discovered Natural Gas in Jaisalmer sub-basin of Tanot fields in the late Eighties and Heavy Oil in the Bikaner-Nagaur sub-basin of Rajasthan basin in early nineties. The Jaisalmer sub-basin of 45,000 sq.km and Bikaner- Nagaur basin of 70,000 sq. km. are pericratonic basin and intra-cratonic basin, respectively.

The Jaisalmer PML covers an area of 250 sq. km encompassing Tanot-Dandewala-Bagitibba gas fields. The entire block area is demarcated on the basis of the geographical co-ordinates. The block was first awarded by the State Government to OIL on 01.01.1996 for a period of 20 years. The Petroleum Mining Lease (PML) of the block was re-granted by the State Government as per the approval of MoP&NG, Gol to Oil India Limited on 01.01.2016 till 31.12.2035 for a period of 20 years.

The Jaisalmer PML Block with a Block Area of 250 km² is located adjacent to the India-Pakistan International Border. Hence, the Jaisalmer block is under strict surveillance and movement of civilians is restricted. The block area is covered with scattered thorny bushes. There is no source of drinking water and very scanty habitation.

Oil India Limited discovered natural gas from the Tanot, Dandewala and Bagitibba area, which are under Jaisalmer District of Rajasthan. OIL proposes for Developmental Drilling of additional 37 wells. In the event of successful completion of drilling of the additional wells, it is expected to produce natural gas from the block. Accordingly, the state of Rajasthan will also be benefitted in terms of Royalty payment from Oil India Limited.

Topography: The area of operation is in desert covered with sand dunes varying in size from a few meters to running in kilometers. The general elevation and slope of the Block varies between 80 to 150 m above mean sea level and 0 to 29 degrees respectively. The Block falls in an extremely arid part of the Thar Desert. The terrain is flat, sandy and rough with sand dunes forming the undulating topography.

Seismic Consideration: According to seismic-zoning map of India [IS 1893: 2002], the study region falls in Zone III of the seismic zones of India.

Climate and Meteorology:

The study area lies in arid climatic region of Thar Desert. In general, the climate of the project area is hot and dry. The region has only two prominent seasons i.e. Summer and Winter with a brief spell of Monsoon. The mean daily maximum temperature in summer ranges from 40° C to 48 °C. It reaches up to 55° C during the hot summer noon. Minimum recorded ambient temperature -5° C. The rainfall in these areas is scanty and scarce. The average normal rainfall is only 1" (25mm). The maximum humidity recorded in this region is 40%. Highest recorded wind velocity: 128 km/h.

Biological Characteristics:

Scattered desert shrubs are spread over the entire block area. The block area does not have any National Park and Wildlife Sanctuary/Reserve Forest. The proposed project does not involve clearance under Forest (Conservation) Act, 1980.

Land Use:

The Land Use Land Cover (LULC) within the block has been studied and it can be broadly classified into two categories only i.e. Desert and Settlement (which is comprised mainly of Border Security Force's (BSF) check posts only). The land use distribution in the study area can be given in the following table.

S. No	Land Use Category	Area (km ²)	Percentage (%)
1	Desert	248.6	99.7
2	Settlement	0.7	0.3
Total		249.3	100.0

Table: Land Use Distribution of the Study Area



(Gaurav Goel)

Dy. Chief Engineer (FS)
Oil India Limited

गौरव गोयल / GAURAV GOEL
उप मुख्य अभियन्ता (अ.से.) / Dy Chief Engineer (F.S.)
ऑयल इण्डिया लिमिटेड / Oil India Ltd.
2-ए डिस्ट्रीक्ट शॉपिंग सेंटर
02-A, District Shopping Centre
सरस्वती नगर, बासनी / Saraswati Nagar, Basni
जोधपुर-342005 / Jodhpur-342005