Expanding our Production Portfolio

We have the following 46 simultaneously explored blocks across India:

Recovery Enhancement through ASP

The Rajasthan fields, Mangala, Bhagyam, and Aishwarya (MBA), boast reserves of 570 MMboe and are currently utilising polymer flood techniques. Their recovery factors stand at approximately 40%, 14%, and 23%, respectively. These fields have the proven potential to produce an additional 300 MMboe by implementing ASP injection methods.

Monetise Deep water block development in KG Basin

The offshore deepwater blocks on the East Coast cover 4,616 km², with water depths between 500m and 2,500m. There are 4 gas discoveries, and 2,000 km² of the block is mapped with 3D seismic. Additionally, 3-4 prospects with 5 TCF in reserves and resources have been identified but are yet to be drilled.

Ramp up production from Tight Oil Reservoirs

The Aishwariya Barmer Hill, Mangala Barmer Hill, Vijaya & Vandana, and DP fields together have approximately 1 billion barrels of oil equivalent in tight oil reservoirs. With development currently limited, production is ongoing from 60 tight oil wells. There are plans to further develop these assets to increase production to 100 kboepd.

Monetising the first DSF block

Located about 35 km off Gujarat's West Coast, the Ambe Block (CB-OSDSF-AMBE/2021) is Cairn's inaugural shallow-water project in a Discovered Small Field (DSF). The project employs innovative technologies like CSPs and follows the scalable "Design One, Build Many" approach.

Maximising Reserves and Production of the Shale field via technology

The Kaam, V&V, GSV, and Mangala shale fields hold a prospective potential of around 500 MMboe. These fields could boost reserves and production to 100 kboepd. Plans are in place to develop these shale fields in Rajasthan by adopting US technology and development models to maximise reserves and output.