



## Petroleum Play

The block area consists of a dynamic petroleum system comprising all the essential ingredients for the generation and accumulation of hydrocarbons.

## Source

The potential source rocks in the Pishin fold belt include the Nisai Formation/Nimargh Limestone (Eocene), the Murgha Faqirzai Formation (Oligocene) and the Shaigalu Formation (Miocene). These formations have fair to good organic matter with type III Kerogen capable of generating gas.

## Reservoir

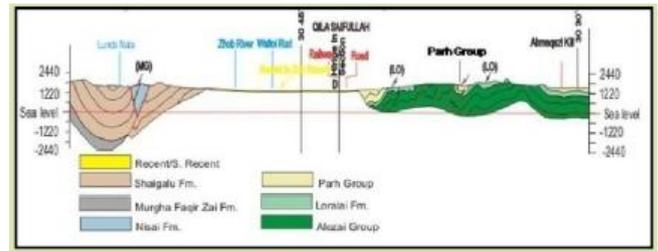
The potential reservoir rock are clastics of Nisai Formation (Eocene). The carbonate horizons of Nisai Formation (Eocene) have secondary porosity at the crestal highs. Carbonates of Chiltan Formation (Jurassic) have gone through fracturization that can be potential reservoir rock in the area as proven in the Zarghun South well near Quetta.

## Seal

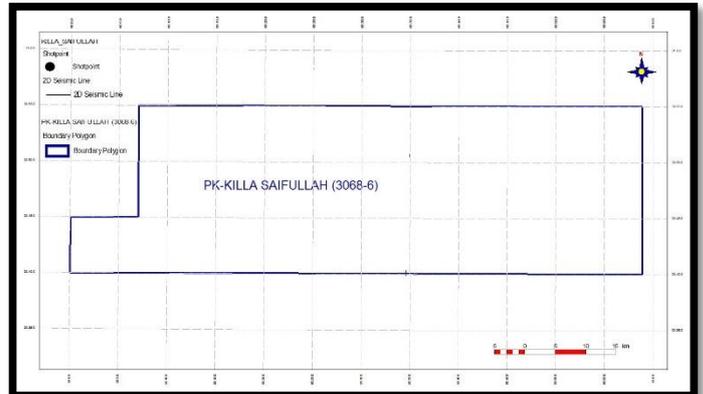
The shale intervals within the prospective horizons of Nisai Formation (Eocene) can act as seal in the block area. The shale beds of Murgha Faqirzai Formation (Oligocene) overlying the Nisai Formation (Eocene) might provide a regional seal for Eocene reservoirs. The shale intervals above the prospective horizons of Chiltan Formation (Jurassic) can act as seal.

## Trap

The most significant features for trapping hydrocarbon in the block area consists of thrust anticlines.



**Killa Saifullah Block Base Map**



## Well Data

Well is not drilled in this block.

## Seismic Data

2D SEISMIC DATA	3D SEISMIC DATA
2D data is not available	3D data is not available