

Angola, West Africa: Oil & Gas Production from Pre-Salt Carbonates to Post-Salt Clastics, from Onshore to Deep Offshore

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Abstract

The oil and gas plays in Angola range from the pre-salt to the post-salt and include Tertiary-age clastic turbidite reservoirs, salt-rafted Cretaceous age Pinda carbonates, and pre-salt microbialitic carbonates similar to Brazil's giant Tupi oil discovery. These wide-ranging, high potential plays have led to a dramatic surge in Angola's oil production. A decade ago, Angola was producing approximately 750,000 barrels of oil per day and now production of almost 2.0 million barrels of oil per day has been achieved. Angola is the second biggest oil producer in Africa after Nigeria which currently is producing about 2.2 million barrels oil per day. Due to Angola's highly favorable petroleum geology, within the next decade Angola is expected to replace Nigeria as Africa's top oil producer.