

Mozambique Basin

Exploration Activities

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The following gives an overview of recent exploration activities in the present concession areas:

Mozambique Basin

Concession Area (present size)	Present ownership	Recent Activities
Pande/Temane PPA (1741)km2 onshore)	SASOL 70% (operator), ENH 25%, IFC 5%	In 2008 Sasol formally finished the drilling campaign which resulted in drilling of 11 production wells, 5 exploration wells, 10 appraisal wells as well as the abandonment of 14 old wells at the Pande/Temane PSA/PPA Area. 3 new discoveries were made during the exploration drilling in the Pande, Temane and Inhassoro area.
Pande/Temane PSA (8049 km2 onshore)	Sasol 100% (Operator)	

<p>Area 16 & 19 (10548 km2 offshore)</p>	<p>Sasol Petroleum Sofala 50% (Operator), Petronas Carigali Moçambique 35%, ENH 15%</p>	<p>In the period October 2008-February 2009 the Operator drilled two exploration wells (Njika-1 & Njika-2) which resulted in the discovery of gas at several stratigraphic levels. Further work on the evaluation of the discoveries will be performed by the operator. The wells were drilled at a water depth of 460 m and 350 m respectively, and to a TD of 1615 m and 1925 m below sea level.</p> <p>In 2007 SASOL acquired the first 3D seismic survey (2,050 sq.km) in Mozambique, and in 2008 they acquired about 2,000 km of 2D seismic within the concession area.</p>
<p>Buzi (10195 km2 onshore)</p>	<p>Empresa Nacional de Hidrocarbonetos de Moçambique (ENH) 100%</p>	<p>The National Oil Company (ENH) signed the EPC for the Buzi concession area in October 2008. The signed contract is valid for a period of 8 years and a minimum of 36 million USD is due to be invested in exploration activities. As part of its commitments ENH will have to acquire 600 km of 2D data and drill two exploration wells.</p> <p>ENH managed to farm out to a new partner, Kallila PT, from Indonesia that will act as operator, and the new participation structures is of 70% for the new partner and 30% for ENH.</p>

M-10 (4120 km2 offshore)	Terralliance 100% (Operator)	In 2008 the US company Terralliance, acquired a total of 2,300 km of 2D seismic survey over the M-10 and Sofala Areas, of which 1,000 km are within the M-10 concession area.
Sofala (11639 km2 offshore)	Terralliance 60% (Operator), Bang (40%)	In 2008 the US company Terralliance, acquired total of 2,300 km of 2D seismic survey, of which 1,300 km are within the Sofala concession area.
Inhaminga (12037 km2 onshore)	DNO 100% (operator)	Following the drilling in 2008 of Sangussi-1 well Northeast of Beira which had some gas shows at the Domo Formation, as well as the acquisition of 200 km of 2D seismic in 2007, the Norwegian company DNO have entered the 4th exploration Phase. DNO has recently entered the 4th exploration period and will have to shoot 400 km of 2D seismic and drill 1 well.
Onshore Zambezi Delta (27710 km2)	Terralliance 60% (Operator), British American Natural Gas 40%	In 2008 Terralliance finalized the drilling of Chipondene 1 well as part of their commitment for the 1st exploration phase. The well was drilled to a TD of 1590 m, and registered some gas shows in different stratigraphic levels.

Offshore Zambezi Delta (34 934 km2)	Petronas 42.5% (operator), PetroSA 25.5%, Petrobras 17%, ENH 15%	In 2008 the Malaysian oil company Petronas finished the acquisition of 5,000 km 2D seismic. In 2007 Petronas drilled one dry exploration well, ZD-E-1. The well was drilled at a water depth of 95 m and to a TD of 3600m. Petronas is in its second exploration phase due to end soon.
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Rovuma Basin

Concession Area (present size)	Present ownership	Recent Activities
Onshore Rovuma Basin (15122km2)	Anadarko Moçambique Area 1 35.7% (Operator), Artumas Moçambique Petroleum 49.3%, ENH 15%	In 2008 the Canadian oil company Artumas finished the acquisition of 648 km of 2D seismic. Anadarko (from USA) took over as operator from January 2009. A minimum of one exploration well will be drilled in the concession area during 2009.
Offshore Area 1 (10683km2)	Anadarko 56.5% (operator), Mitsui 20%, ENH 15%, Artumas 8.5%	In 2008 the US oil company Anadarko acquired the second 3D seismic survey in Mozambique in their concession area, offshore the northern part of Cabo Delgado. A total of 3,370 sq. km of 3D seismic was acquired, in addition to 1000 km of 2D seismic in 2008. The current year of 2009, Anadarko acquired a total of 5000 km of 2D seismic. Two exploration wells are planned to be drilled in 2009 Or early 2010.
Offshore Area 2 & 5 (13648 km2)	StatoilHydro (operator) 90%, ENH 10%	In 2007 the Norwegian company StatoilHydro acquired 3,000 kilometers of 2D seismic data within the offshore concession area, northeast of Pemba. StatoilHydro entered the second exploration phase, and have a firm commitment for 3D seismic acquisition. Statoil hydro have entered the second exploration phase in December 2008 and they are committed to acquire over a 1000 km2 and drill one exploration well.
Offshore Area 3 & 6 (15259km2)	Petronas Carigali Moçambique 90% (Operator), ENH 10%	The EPC was signed in October 2008. The contract is valid for a period of 8 years and a minimum of 40.6 million USD is due to be invested in exploration activities. As part of their commitment they are going to acquire 7000 km of 2D seismic.

Offshore Area 4 (17646 km2)	Eni 70% (operator), ENH 10%, Galp Energia 10%, Kogas 10%	In 2008 the Italian oil company ENI acquired a total of 1,047 sq. km of 3D seismic and 2,300 km of 2D seismic within the deep water concession area offshore the northernmost part of Cabo Delgado.
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