

SMI 212 Flatrock Field, A Deeper Pool

Smith, Robert R.¹; Severson, George¹ (1) McMoRan Oil & Gas LLC, New Orleans, LA.

Flatrock Field, in South Marsh Island Blocks 212 and 217, was discovered in 2007 beneath the Tiger Shoal Field. Flatrock Field is an example of the “deeper pool” concept which is the fundamental aspect in the McMoRan exploration strategy. The shallower Tiger Shoal Field, discovered in 1958, is in normal pressured reservoirs with 110 wells which have produced 3.3 TCFE. Flatrock Field has five wells producing from the abnormal pressured Rob L and Operc (14,800’ MD to 17,200’ MD) reservoirs at a 278 MMCFED rate as of September 2009. Production from six wells is projected to be over 350 MMCFED by January 2010. These high production rates are evidence of excellent porosity and permeability at these depths.

One can conclude that exploring deeper in an established field with 3D seismic data and fundamental geological concepts is a proven exploration strategy, as documented by the Flatrock Field discovery. Other “deeper pool” concept prospects and fields are to be discovered utilizing this strategy in the future.