

Jubilee Field: A Step Change for Ghana

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The Jubilee Field is located in the Tano Basin approximately 60km south of the western Ghanaian coastline in water depths ranging from 1,000m to 1,700m.

Exploration drilling in 2007 resulted in the discovery and rapid appraisal of the subsequently-named Jubilee Field, establishing it as a major resource with significant upside reserves potential straddling the Tullow-operated Deepwater Tano and Kosmos-operated West Cape Three Points licences.

At the start of 2008, whilst still at a very early stage of appraisal, all partners, with the support and encouragement of the Government of Ghana, agreed that a core commercial reserve had been established and that the optimum approach to commercialising the Field was via a fast-track, phased approach to development in parallel with ongoing appraisal.

The Phase 1 development plan focuses on exploitation of the two primary Mahogany turbidite sand reservoirs in the core area of the field proven by the drilling of the E & A wells. Subsequent development phases will be carried out to maximise production and recovery from other areas of the field as they are appraised. Other reservoirs not initially developed will be developed towards the end of Phase 1 production by recompletions or new wells.

This paper sets out to illustrate the chosen deepwater development scheme and the progress to-date of the three year Phase 1 development drilling & completions campaign, and discusses the in-built flexibility required to react to well results and some of the challenges faced by a greenfield development in a new petroleum province.