



The Beatrice Field; How 165 Million year old rocks can change over 30 years.

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The Beatrice Field, located in the Inner Moray Firth approximately 20 miles from the Caithness coastline, was discovered by Mesa Petroleum in 1976. BNO took over operatorship, with first oil being achieved in 1981, being developed by three platforms. Beatrice exploits sweet crude oil from several early to middle Jurassic aged nearshore/shallow marine clastic reservoirs.

Ithaca Energy acquired operatorship of the Beatrice facilities from Talisman Energy in 2008, and bought on the Jacky Field satellite development. In order to better understand the remaining potential in Beatrice, and the surrounding area, a number of back-to-basics geological studies have been carried out on the original core material, and database of regional wells. These studies have revealed subtle complexity in the main Callovian-aged "A" sand reservoir, through the use of sequence-stratigraphic models of correlation, which were not available in the early days of field development. A revised conceptual depositional model for the Beatrice A sand, and lower reservoir units has been generated and reservoir models are being rebuilt to allow the remaining in-field and exploration opportunities to be realised.

*Top A Sand – Beatrice Area*

