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Commingling of Production Utilizing Petroleum Systems in the West Tavaputs Field, Uinta Basin, Utah.

For 50 years, the West Tavaputs Plateau area in the southern Uinta Basin had been the target of sporadic development. The large anticlinal feature on the northwest termination of the Garmesa Fault trend was remote, rugged, and contained many cultural attractions. Production was mainly from shallow Green River -Wasatch transition zone reservoirs. A limited number of tests also produced gas from the Mesaverde, North Horn and Wasatch formations. Two deep wells had also been drilled, testing limited amounts of gas from the Dakota and Entrada.

In early 2002, Bill Barrett Corporation purchased an obsolete poly-pipe system that gathered 1.4 MMCFD from 13 wells, and 46,622 gross acres in three federal units for \$8.05MM. Three Federal permits and an ongoing Environmental Assessment were also part of the acquisition. Barrett immediately began the permitting process for additional wells and proposed acquiring 89 mi² of 3-D seismic. By year end 2005, Barrett had drilled and completed 32 wells producing from Blackhawk, Castlegate, Price River, Dark Canyon, North Horn and Wasatch reservoirs. Utilizing the USGS Petroleum Systems of the Uinta-Piceance province, Barrett was able to commingle all Mesaverde and Wasatch producing zones as part of the Mesaverde Petroleum system. Future development of Green River – Wasatch transition zone reservoirs will add additional potential for commingling as part of the Mesaverde system. In late 2005, the company completed a deep test in the Navajo, Entrada and Dakota formations. Gas produced from these reservoirs is commingled as part of the Mancos / Mowry Petroleum system of the Uinta-Piceance province.