



PROJECT SPECIFICATIONS

Plant location:	Chunchula, AL
Facility Size:	20 MMSCFD
Gas Source:	Nitrogen flood
Plant Type:	Nitech™ NRU / NGL extraction
Inlet Gas Content:	18 – 40 mole % N ₂
Project Type:	Sale
Completion:	June 2002

PROJECT DESCRIPTION

The client is located north of Chunchula, Alabama. In 2002, UNOCAL chose BCKK's Nitech™ NRU process to reject increasing concentrations of nitrogen from an associated nitrogen flood in order to generate additional revenue and increase profits. The patented Nitech™ NRU was selected because it was the most cost effective method to reduce inlet nitrogen volumes. This is due to flexibility and the CO₂ tolerance of the Nitech™ process to be integrated with the existing facility without modifying processes, while also providing an additional benefit in increased NGL recoveries. Since mid 2002, the Nitech™ system has operated continuously and the Chunchula plant is efficiently producing an on-spec stream of saleable gas.

“ BCKK engineers design and deliver innovative technical solutions, plus help seamlessly integrate Nitech™ technology into existing gas treating facilities like this plant in Alabama. ”

