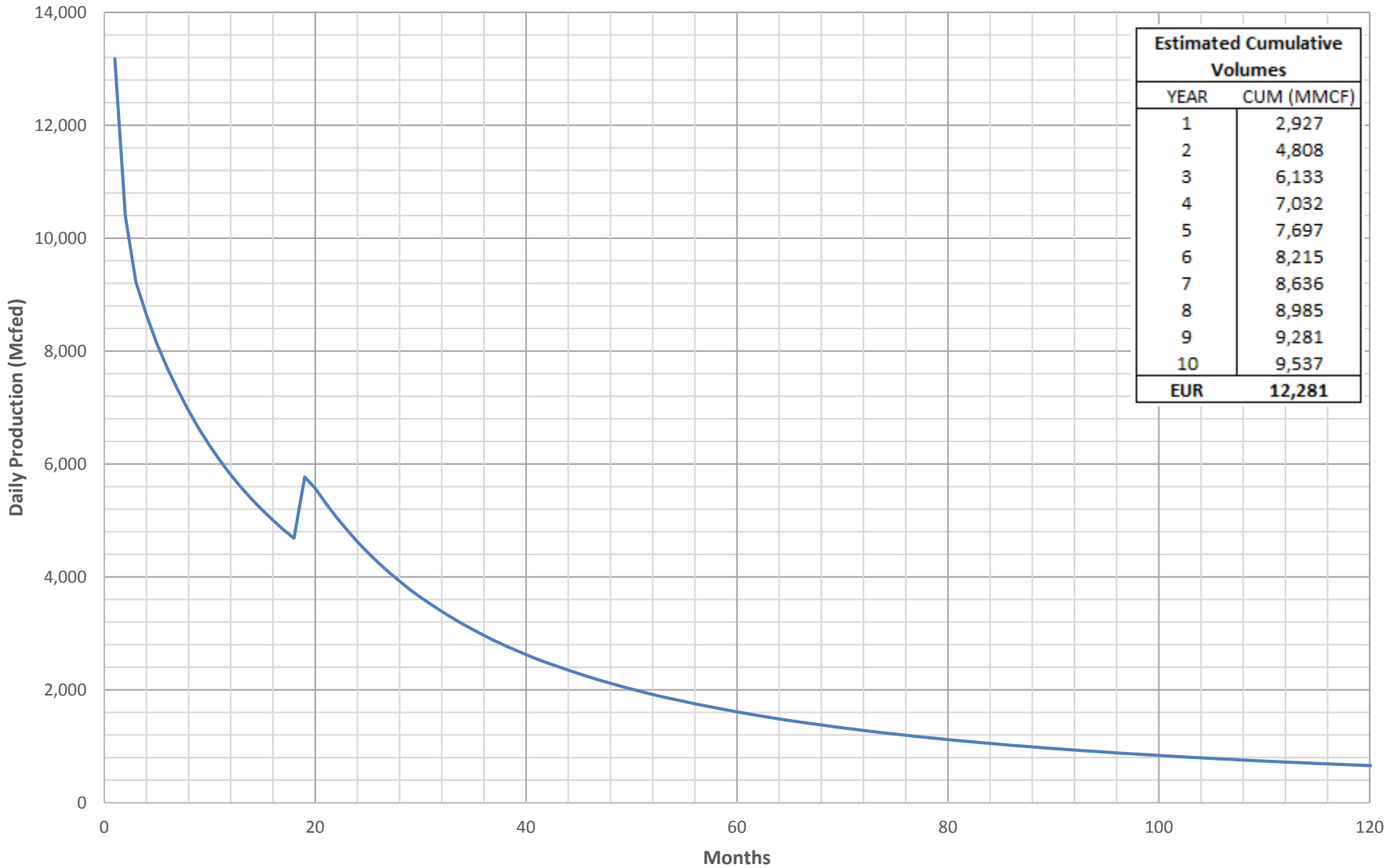
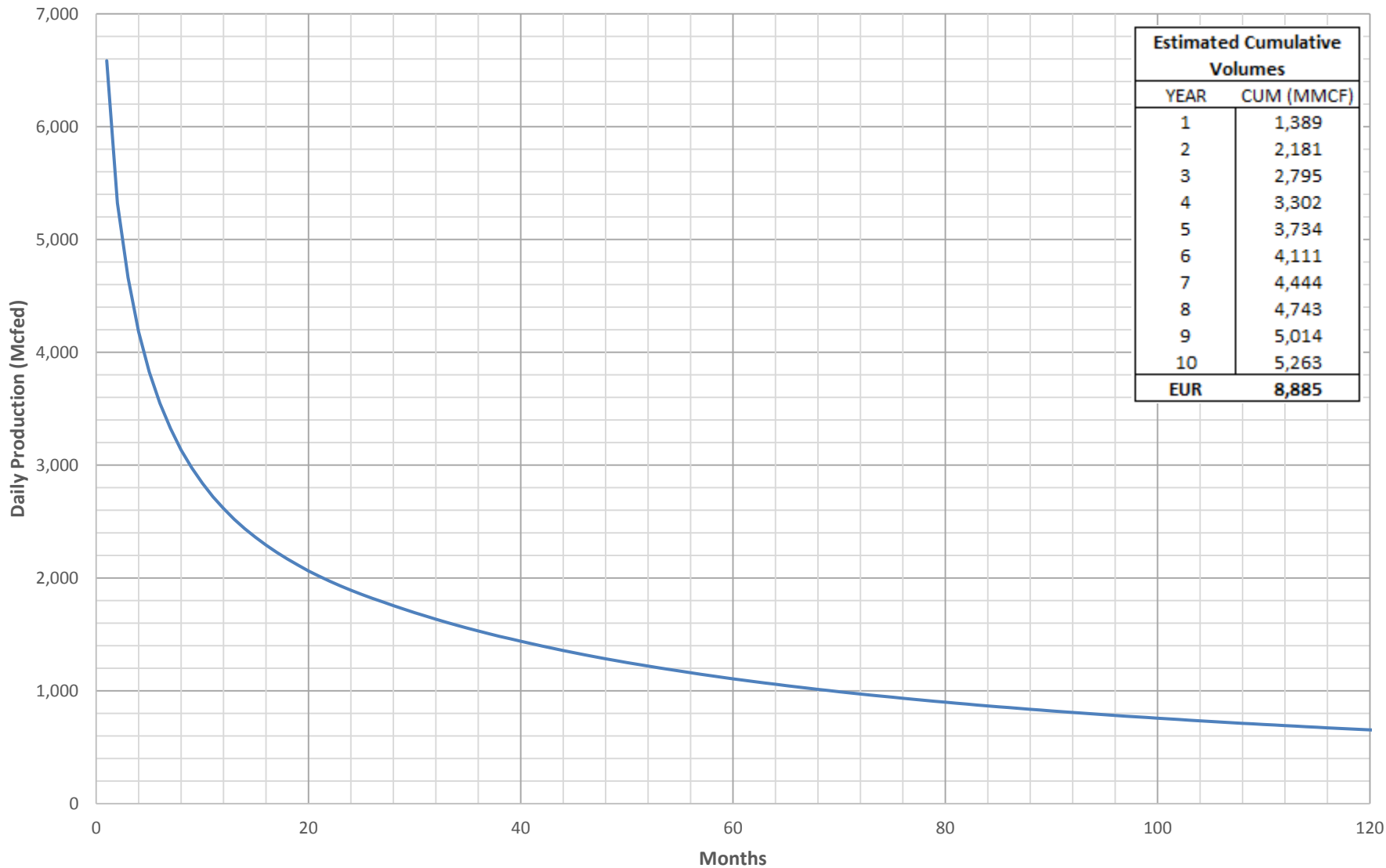


# Lycoming Marcellus - Type Curve



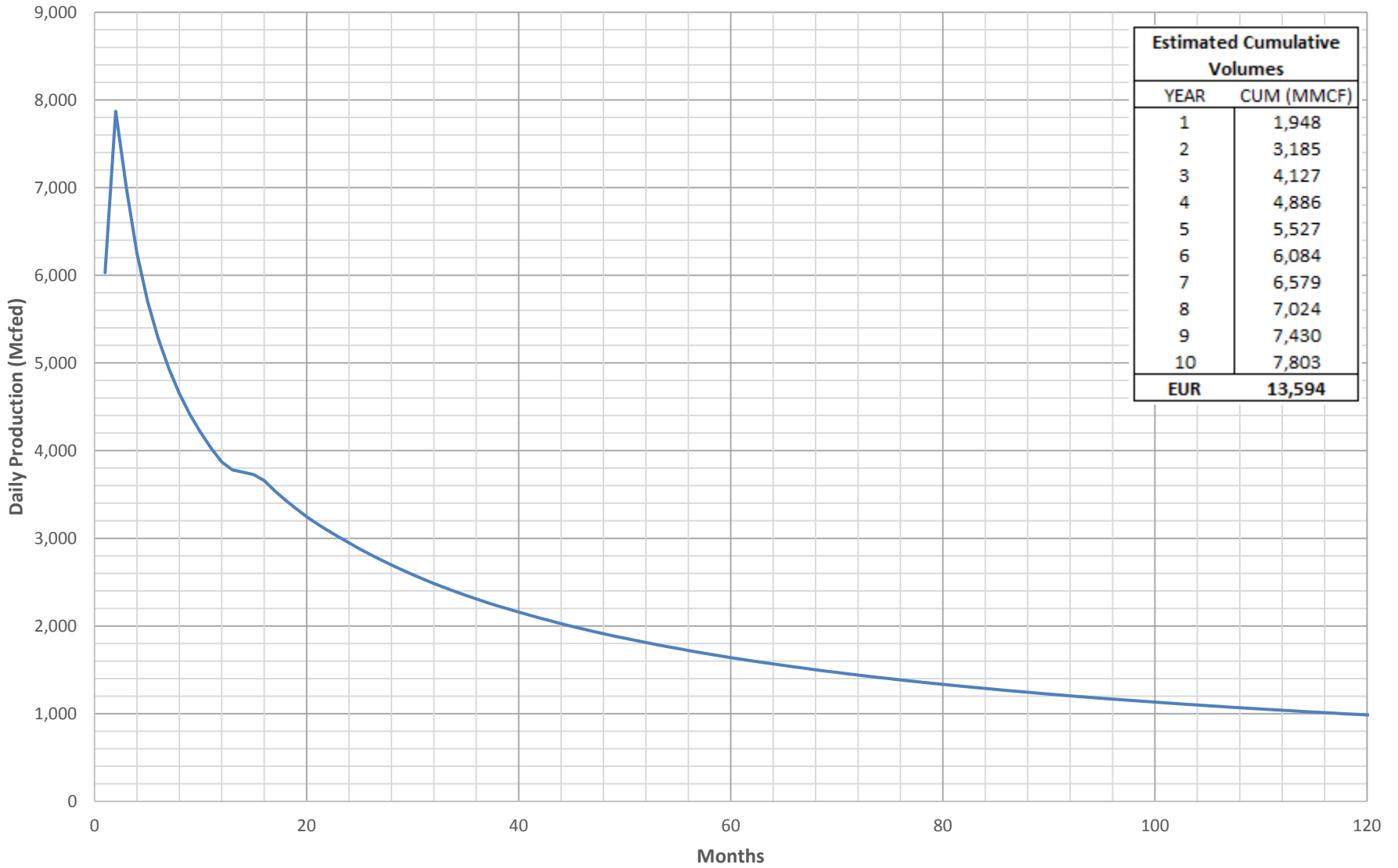
— Lycoming Marcellus 4,900 FT

# WDA Core Areas Marcellus - Type Curve



— WDA Core Areas Marcellus 8,500 FT

# WDA CRV Utica - Type Curve



— WDA CRV Utica 8,000 FT