The map shows the Susquehanna River Basin, highlighting the Marcellus Shale occurrence. The basin is divided into several subbasins: West Branch Susquehanna, Upper Susquehanna, Middle Susquehanna, Lower Susquehanna, and Juniata Subbasins. The Marcellus Shale is distributed across these regions, with 72% of the basin underlain by the Marcellus Shale. The map also indicates the distribution of the Marcellus Shale based on outcrop and subsurface areas.