

## **Development of Non-Shale Reservoirs in the Appalachian Basin Using Horizontal Drilling Techniques**

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Horizontal drilling has been in existence for many years, however, it has only recently gained greater acceptance as the preferred method for development of shale reservoirs in the Appalachian basin. The success of this technique in shale intervals has led to greater interest in its applicability as a development method in non-shale reservoirs. Equitable Resources has recently used horizontal drilling to target traditional nonshale reservoirs and previously overlooked gas prone horizons. This technique has the potential to rejuvenate mature or heavily developed non-shale reservoirs using infill and reduced spacing techniques. This paper examines the geologic setting and characteristics of various nonshale reservoirs in the Appalachian Basin and reviews the development strategy employed by Equitable to unlock or enhance the production from these reservoirs.