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Southwestern Energy Production Company

Creating Value in East Texas

Overton Field is located in Smith County, Texas, approximately 20 miles southeast of Tyler on the western flank of the Sabine uplift in the east Texas basin. The field produces from the Taylor interval (Cotton Valley), the lowest member of the Jurassic Cotton Valley. As is typical of most production from the Cotton Valley sands, the interval has low permeability, with distribution of rock quality controlled by a complex depositional and diagenetic history. Southwestern Energy Production Company (Southwestern) acquired the field in 2000 with 16 existing wells. The field was purchased based on evaluation of the geologic, engineering and completion data that suggested that significant extension and infill opportunities existed. Since then Southwestern has successfully drilled and completed 105 wells and expanded the acreage from 8,800 to 24,000 acres. Production has been increased from 1.5 MMCFD to 63 MMCFD in early 2004. The success of this development has been the result of coordinated iterative interpretation of geological and engineering data, improved completion practices, and innovative operational and drilling processes that have minimized costs. Development is expected to continue at least through 2005.

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ALAN CLEMENS joined Southwestern as a Staff Geophysicist in 1998 and was promoted to Exploration Manager in 2000. Alan began his career as a Geophysicist with Mobil Oil in 1980. He has also worked for TXO, Enron Oil and Gas, and Zilkha Energy. Alan has worked multiple basins with a focus on East Texas, Gulf Coast (both onshore and offshore) and the Permian basin. Alan has a BS degree in geophysical engineering from the Colorado School of Mines and a MBA from the Houston Baptist University.

MATT WILLIAMS joined Southwestern in 1998 and is currently Staff Geologist, responsible for the Overton Field development. In addition he has developed projects in Louisiana, south Texas and the Permian basin for Southwestern. Matt previously had worked for Occidental Oil and Gas in International and Domestic Exploration and Production for which he was Chief Geologist of Occidental of Oman. In addition, he worked for ARCO Alaska and Tenneco Oil Company since beginning his career in 1983. Matt has a BS degree from Texas Tech University and a MS degree from Texas A&M University. He is a Texas Professional Geoscientist and a member of the AAPG, Houston Geological Society and East Texas Geological Society.

Bibliographical Sketch

ALAN STUBBLEFIELD is Vice President of Production for Southwestern Energy Production Company in Houston, Texas. Alan manages the East Texas Team responsible for development of Overton Field. He has held various positions since joining the company in May 1998. Prior to joining Southwestern, he worked 14 years with Anadarko in a variety of engineering and management positions. Alan earned a BS degree in Petroleum Engineering from Texas Tech University. He is a member of the Society of Petroleum Engineers (SPE) and is a Registered Engineer in the State of Texas.

