

"Considerations for Late Life CBM Wells"

Biography

David Simpson has 28 years experience in Oil & Gas and is currently the Proprietor and Principal Engineer of MuleShoe Engineering. Based in the San Juan Basin of Northern New Mexico, MuleShoe Engineering addresses issues in Coalbed Methane, Low Pressure Operations, Gas Compression, Gas Measurement, Field Construction, Gas Well Deliquification, and Produced Water Management. For more information go to www.muleshoe-eng.com.

A Professional Engineer with his Master's degree, David has had numerous articles published in professional journals, has contributed a chapter on CBM to the 2nd edition of Gas Well Deliquification, by Dr. James Lea, et al, and has spoken at various conferences, including the 2003 SPE *Annual Technical Conference and Exposition* in Denver. He has been a featured speaker at the bi-annual *Four Corners Oil & Gas Conference* for the last 6 years and is a regular instructor at short courses at the annual *Gas Well Deliquification Workshop* in Denver. David was the 2004-2005 Section Chairman of the Four Corners Petroleum section of the Society of Petroleum Engineers.

He is currently Program Chair for an upcoming SPE Advanced Technology Workshop titled "Managing the Performance of Low Pressure Gas Wells and Associated Facilities" to be held in Ft Worth, TX in October, 2008.

Abstract

Coalbed methane (CBM) is a unique resource that can be managed in such a way as to recover unprecedented portions of the original gas in place (OGIP). While conventional reservoirs have gas stored in the pore volume and are generally limited to something on the order of 40% of OGIP, CBM is adsorbed to the surface of the coal and recovery of over 90% of OGIP is possible. This talk covers the economic impact of CBM, reservoir characteristics, and operational considerations to improve ultimate recovery.