

3-D Exploitation of Oklahoma Anadarko Basin Gas Resources, Anadrako Basin, Western and Central Oklahoma

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During the past 5 years Chesapeake Energy has acquired over 3500 square miles of recent 3D data in Oklahoma, concentrated in the prolific gas producing area established within the Anadarko Basin. This basin is characterized by the structural and stratigraphic complexities associated with multiple episodes of extensional, thrust, and wrench tectonics. This complexity has provided the opportunity for 3D seismic to illuminate the potential for finding significant new gas reserves under and between the existing production. The 3D data is comprised of a series of large, overlapping, 'regional' surveys that provide a unique geological context for prospect delineation. Chesapeake currently has over 30 rigs actively drilling for these reserves at depths up to 25,000 feet. Chesapeake's continued commitment to 3D in this area is reflected by a 2003 program that includes the acquisition of over 600 squares of new proprietary and spec data.

Most slides will not be available for publication.

Slides will include examples of specific 3D strat and structural applications from several areas including: Cement, Chitwood, Watonga-Chickasha, and the Wichita Mtn. Front.