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Publications

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Publications

Patent


Books, Manuals


Reports, Monographs, Brochures, Pamphlets, Bulletins

De Angelo, Michael, and Hardage, B. A., 2001, Using 3-D seismic coherency and stratal surfaces to optimize redevelopment of waterflooded reservoirs, Cut Bank field, Montana: The University of Texas at Austin, Bureau of Economic Geology Geological Circular 01-1, 24 p.


Milling, M. E., Gilliland, A. L., and Hardage, B. A., 1992, Technology transfer needs and requirements for Texas independent oil and gas producers: increasing oil and gas discovery and recovery efficiency through advanced technology applications: Texas Independent Oil and Gas Producers and The University of Texas at Austin, Bureau of Economic Geology, 33 p.

Chapters/Sections


**Articles**

Peer Reviewed


Non-Peer-Reviewed


Hardage, B. A., 2008, Questions? VSP may have answers: AAPG Explorer, v. 29, no. 6, Geophysical Corner, p. 42–43.


Sava, Diana, and Hardage, B. A., 2007, Diving into gas hydrate systems: AAPG Explorer, Geophysical Corner, v. 28, no. 8, p. 44.


Hardage, B. A., 2007, No reflection signal can be good: AAPG Explorer, Geophysical Corner, v. 28, no. 9, p. 54.

Hardage, B. A., Remington, R. L., and Murray, P. E., 2007, Reflections have a "TipperPoint": AAPG Explorer, Geophysical Corner, v. 27, no. 9, p. 32.


Hardage, B. A., DeAngelo, Michael, Sava, Diana, and Remington, Randy, 2006, Technology can avoid the fizzes: AAPG Explorer, Geophysical Corner, March, p. 28–29.


Hardage, B. A., 1988, VSP—where we are and where we are going: Oil and Gas Journal, v. 86, no. 12, p. 91–94.


Internet/Web Sites/Modules


Abstracts


Hardage, B. A., 1995, 3-D seismic impact on an integrated team study of Midcontinent gas reservoirs, in MESA Technology Conference program (abs.): Montgomery, Texas, unpaginated [4 p].


Computer Programs/Data Bases

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Contract Reports


Beecherl, John, and Hardage, B. A., 2004, Shear wave seismic study comparing 9C3D SV and SH images with 3C3D C-wave images: Vecta Technology and The University of Texas at Austin, Bureau of Economic Geology, final report prepared for U.S. Department of Energy, under DOE Grant DE-FG26-03NT15431.


Beecherl, John, and Hardage, B. A., 2004, Shear wave seismic study comparing 9C3D SV and SH images with 3C3D C-wave images: Vecta Technology and The University of Texas at Austin, Bureau of Economic Geology, final report prepared for U.S. Department of Energy, under DOE Grant DE-FG26-03NT15431, 64 p.


Hardage, B. A., 2001, An investigation to document Morrow reservoirs that can be better detected with seismic shear (S) waves than with compressional (P) waves: The University of Texas at Austin, Bureau of Economic Geology, final report prepared for U.S. Department of Energy, under DOE program solicitation DE-PS26-99BC15146, entitled Technology Development with Independents, 26 p.


Hardage, B. A., and Laubach, S. E., 2001, Combining a new 3-D seismic S-wave propagation analysis for remote fracture detection with a robust subsurface microfracture-based verification
technique: The University of Texas at Austin, Bureau of Economic Geology, Phase I topical report prepared for U.S. Department of Energy, under DOE Program Award No. DE-AC26-00NT40690, 127 p.


Course Notes


Workshop Workbooks