



Gastar Exploration Announces First Quarter 2010 Earnings Release and Conference Call Schedule

HOUSTON, April 30, 2010 /PRNewswire via COMTEX News Network/ -- Gastar Exploration Ltd. (NYSE Amex: GST) announced today that it will release its first quarter 2010 results on Thursday May 6, 2010 after the market closes. In conjunction with the release, Gastar has scheduled a conference call for 10:00 a.m. Eastern Time on Friday, May 7, 2010 that will be broadcast live over the Internet.

What: Gastar's First Quarter 2010 Earnings Conference Call
When: Friday, May 7, 2010 10:00 a.m. ET (9:00 a.m. CT)
Live via phone by dialing 480-629-9868 and asking for the Gastar call at least 10 minutes prior to the start time, or live over
How: the Internet by logging on to the web at the address below.
<http://www.gastar.com>. The webcast can be accessed from the
Where: investor relations home page.

For those who cannot listen to the live call, a telephonic replay will be available through May 14, 2010 and may be accessed by calling 303-590-3030, using pass code 4291589#. Also, an archive of the webcast will be available shortly after the call at www.gastar.com.

About Gastar Exploration

Gastar Exploration Ltd. is an independent company engaged in the exploration, development and production of natural gas and oil in the United States. Our principal business activities include the identification, acquisition, and subsequent exploration and development of natural gas and oil properties with an emphasis on prospective deep structures identified through seismic and other analytical techniques as well as unconventional natural gas reserves, such as shale resource plays. We are pursuing natural gas exploration in the deep Bossier gas play in the Hilltop area in East Texas and the Marcellus Shale in West Virginia and central and southwestern Pennsylvania. Gastar also conducts coal bed methane development activities within the Powder River Basin of Wyoming and Montana. For more information, visit our web site at www.gastar.com.

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