

Monday, April 9, 2007

Westchase Hilton • 9999 Westheimer
Social Hour 5:30-6:30 p.m.
Dinner 6:30 p.m.

Cost: \$28 Preregistered members; \$35 non-members & walk-ups

The HGS prefers that you make your reservations on-line through the HGS website at www.hgs.org. If you have no Internet access, you can e-mail reservations@hgs.org, or call the office at 713-463-9476 (include your name, e-mail address, meeting you are attending, phone number and membership ID#).

HGS General Dinner Meeting

by Michael A. Geffert

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The Revitalization of Sligo Field

Prior to the formation of Greystone Petroleum LLC and its development of Sligo Field, located in Bossier Parish, Louisiana, Michael Geffert and Joe Bridges drilled and completed over 200 wells in Lower Cretaceous and Upper Jurassic reservoirs in the Ark-La-Tex area. Though these were primarily Hosston wells located on turtle structures in the North Louisiana Salt Basin, their experience in mapping, drilling and completing the Rodessa, Pettit, Hosston, Cotton Valley and Smackover reservoirs led them to the observation that completion procedures followed by Pennzoil and other operators at Sligo Field left many gas charged reservoirs either behind pipe or bypassed below packers and cast iron bridge plugs.

The productive limits of Sligo Field cover an area that is approximately five miles wide and eight miles long. A detailed correlation of over sixty-nine reservoirs in the field along with a careful evaluation of past production and remaining PDP reserves revealed that although Sligo field had produced over 500 BCFG from the Hosston formation, it still contained an additional 500 BCFG of behind pipe and proved undeveloped reserves. Similar calculations indicated that the Cotton Valley formation had also been under evaluated and had also been prematurely abandoned.

The field wide decline curve seemed to indicate that Sligo Field was near depletion. However, through detailed reservoir evaluation work, as well as drilling, completion and remedial operations, Greystone was able to substantiate remaining reserve levels and revitalize the field, increasing production from 9.5 MMCFGPD to over 61.0 MMCFGPD at the date of sale with net reserves of approximately 237 BCFG to 444 BCFG.

Greystone Petroleum LLC was formed in April, 1995. Geffert and Bridges then spent one year evaluating the reservoirs at Sligo

Field and six additional years attempting to purchase Pennzoil's interest in the field. In March 2002, Greystone purchased this interest from Devon Energy Corporation for 131 million dollars. The field was sold in June 2004 for an asset sale equivalent to 475 million dollars. ■

Biographical Sketch

In April 1995, MICHAEL A. GEFFERT and Joe M. Bridges established Greystone Petroleum LLC, with Geffert as President and Chief Operating Officer. The business partners initially devoted a full year to evaluate Sligo Field in Bossier Parish, Louisiana. They then spent six years in a persistent acquisition effort, finally purchasing the field from Devon Energy in March, 2002.

In June, 2004, after an extensive presentation effort, management successfully sold Greystone Petroleum LLC to Chesapeake Energy Corporation for \$425 million. Recently, Mr. Geffert and Mr. Bridges together formed Greystone Oil & Gas LLP, where they serve as managing partners. Greystone Oil & Gas continues to focus its

exploitation, exploration and acquisition activities in the Mississippi-Arkansas-Louisiana-Texas region of the Gulf Coast. They also formed Greystone Drilling LP, a six rig drilling company, to facilitate their exploration and production operations.

Prior to Greystone Petroleum, Michael spent ten years as the Senior Vice President of Exploration and Production with Kelley Oil Corporation where he drilled over 220 wells in the Ark-La-Tex region. He began his career with Amoco Production Company where he spent more than four years as a geologist working primarily in East Texas. Michael has an MS in Geology from Stephen F. Austin State University.

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