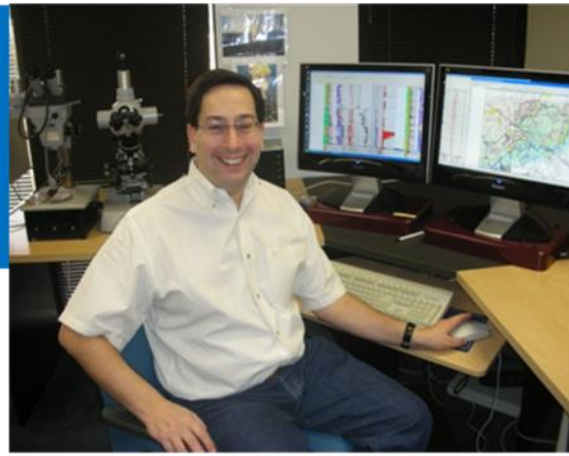




# STAR CREEK ENERGY



**Charles A. Sternbach, PhD President**  
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**Summary:** Charles Sternbach has found oil and gas for 38 years as a geologist and geophysicist. He specializes in regional studies that integrate seismic, well data, engineering, carbonate plays, play and basin analysis, prospect generation, and presentation skills. He has risen from Staff geologist Shell Western E&P in Houston to Exploration Manager for legendary explorer Tom Jordan (founding a Houston office). Charles is President of Star Creek Energy, an exploration company using 130,000 wells and 10,000 miles onshore 2D and 3D seismic to find shallow oil in the US. He has partnered with 100 companies in projects with assets exceeding \$300 MM. He combines Industry, Academia, and government experience. In 2017-2018 he served as elected president of AAPG, a 30,000 member international association of professional geoscientists

- 2019 Appointed Research Professor University of Houston
- 2018 AAPG, Past President, Chair of the Advisory Council.
- 2016-2018 AAPG, President (and President Elect) leading 70 AAPG headquarters staff, 300-500 volunteer leaders, 12 Sections and Regions, more than 35 committees, 4 technical Divisions, Publications, Bulletin, Web, global conferences and annual budgets of \$17MM. Speaking engagements include more than 25 presentations around the globe, 25 visits to student groups and 1,000 student interactions.
- 2008-2018 AAPG Thought Leader, creator, organizer and moderator of: 1) the inaugural AAPG Global Super Basins Leadership Conference March 2018; 2) eleven AAPG Playmaker Forums (2012-2018) and 3) twenty AAPG Discovery Thinking Programs at ACE/ICE (2008-2018). These events have engaged more than 10,000 geoscientist attendees in person, and tens of thousands of global industry geoscientists via web hosted multimedia
- <http://www.searchanddiscovery.com/specialcollections/discoverythinking.html>
- <http://www.searchanddiscovery.com/specialcollections/pm.htm>
- Interview with Bob Fryklund, at CERA WEEK 2018
- <https://www.youtube.com/watch?v=5j5omtUCDTA&t=13s>
- Super Basin 2018 Wrap Up: <https://youtu.be/tFfPHvZNXCM>
- <http://harbertv.com/Sternbach>, Aaron Harber TV show (15 million viewers)
- 2004-current Star Creek Energy, Houston, Texas, President  
Found production in 6 states: Texas, Michigan, Illinois, N. Dakota, Oklahoma, and Mississippi. While President First Place Energy (2004-2013) global projects included frontier plays in North and South America. Star Creek completed large scale regional projects in Illinois, East Canada, and Peru.
- 1997-2004 JOG Corp, Houston, Exploration Manager for Tom Jordan (California)  
Technical expert in carbonate and reef fairways, Cretaceous and Jurassic Gulf of Mexico, Europe, Paleozoic carbonates in Michigan, Rocky Mountain Basins.
- 1989-1995 Shell Western E&P, Houston, Staff Geologist

Mapped carbonate reservoirs in Permian Basin giant fields by integrating well control with extensive 2D seismic and the first large 3D seismic surveys. Taught in house courses at Shell on carbonates, exploration creativity.

1984-1989 Shell Western E&P, Houston, Senior Geologist

Integrated wells and seismic to discover Connor's Marsh Field Michigan gas field (1986) and 5 other new field gas discoveries

### **Education**

Ph.D Geology, 1984 Rensselaer Polytechnic Institute (RPI), Troy, New York. (GPA 4.0)

TA Instructor for classes on Clastic and Carbonate Sedimentology

MS Geology, 1981 RPI (MS and PhD advisor, Gerald M. Friedman, AAPG Sidney Powers Medalist)

B.A. Geology, 1980 Columbia University, New York City, NY.

### **Publications (see attached for more complete listing)**

1984 to 1997: Author of 31 Proprietary company reports for Shell and JOG Corp

2003 Lead Editor AAPG Special Pub, Discoverers of the 20<sup>th</sup> Century, Perfecting the Search (Features paper by Michel T. Halbouty on East Texas).

2017 Lead Editor AAPG Heritage of the Petroleum Geologist (Tribute to Michel T. Halbouty)

2012 Co-editor AAPG Memoir 98, Great American Carbonate Bank.

2017 Co-editor AAPG Memoir 113 Giant Fields of the Decade 2000-2010. This volume continues the Michel T. Halbouty Legacy and tradition of Giant Fields Memoirs.

### **Leadership roles within AAPG and the professional community**

These roles have enabled: 1) experience writing, speaking, and leading high performance teams) in a productive and respectful manner, 2) building and maintaining an extensive network of energy professionals, 3) engaging and communicating with global industry experts

- President GCAGS Gulf Coast Association of Geological Societies (2014/15),
- President DPA Division of Professional Affairs (2012/13),
- President HGS Houston Geological Society (1999/2000),
- Committee Chairman AAPG 100th Anniversary (2003-2010)
- General Chairman AAPG Annual Convention(s) (2002/2006)
- AAPG ACE and ICE Technical session chairman 35 sessions (1984-2018)
- Originator, organizer, and chair of AAPG Global Super Basin Leadership conferences 2018, 2019, 2020

### **Selected Professional Honors**

2006 Honorary Member HGS

2011 Honorary Member AAPG

2016 Honorary (Lifetime) Member AAPG Division of Professional Affairs

2017 Honorary Member GCAGS

2012 Gerald Cooley Award HGS (Highest Honor)

2012 "Keeper of the Flame" Petroleum History Institute