

# **AV Legacy of Discovery: Resources for Explorers\***

**Charles A. Sternbach<sup>1</sup>**

Search and Discovery Article #110205 (2015)\*\*

Posted August 31, 2015

\*Adapted from presentation at the AAPG DPA Forum Midland Playmaker, Midland Texas January 14, 2015.

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## **Abstract**

AAPG and DPA can help today's explorer with both technical and professional career-related resources which are accessible through the internet. These include:

- About 40 Discovery Thinking talks about major and significant discoveries around the globe presented by someone close to the action who shares privileged data and an inside look at how the discovery was made. The Discovery Thinking forums form a continuing legacy of discovery at AAPG Annual meetings in the US (ACE) and around the globe (ICE). Video presentations are located in a special collection on AAPG's Search and Discovery (<http://www.searchanddiscovery.com/specialcollections/pm.htm>). Thanks to the explorers whose online talks have received more than 20,000 viewings.
- Previous Playmaker video presentations, like Dan Tearpock's and Bob Shoup's "The Ten Habits of Highly Successful Oil Finders," are available on AAPG/DPA web page (<http://dpa.aapg.org/>; <http://www.aapg.org/resources/videos/dpa>) and Search and Discovery ([http://www.searchanddiscovery.com/documents/2015/110178tearpock/av\\_tearpock.htm](http://www.searchanddiscovery.com/documents/2015/110178tearpock/av_tearpock.htm)).
- Downloadable career publications, model form contracts, news, position statements, and many other valuable resources available on AAPG/DPA web page.

A demonstration was given on how explorers can access this information on their desktop computer.

## **References Cited**

Collins, J.C., 2001, *Good to Great*: William Collins, 320p.

Edwards, A.W.F., *Cogwheels of the Mind: The Story of Venn Diagrams*: The Johns Hopkins University Press, 110p.

Rose, P.R., and S.A. Sonnenberg, editors, 1993, *Guiding Your Career as a Professional Geologist*: AAPG Division of Professional Affairs, 64p.  
Shoup, R.C., D.K. Sacrey, C.A. Sternbach, and R.L. Nagy, editors, 2003, *Heritage of the Petroleum Geologist*: AAPG Division of Professional Affairs, 66p.

# Legacy of Discovery: Resources for Explorers



**Charles A. Sternbach**

# Outline

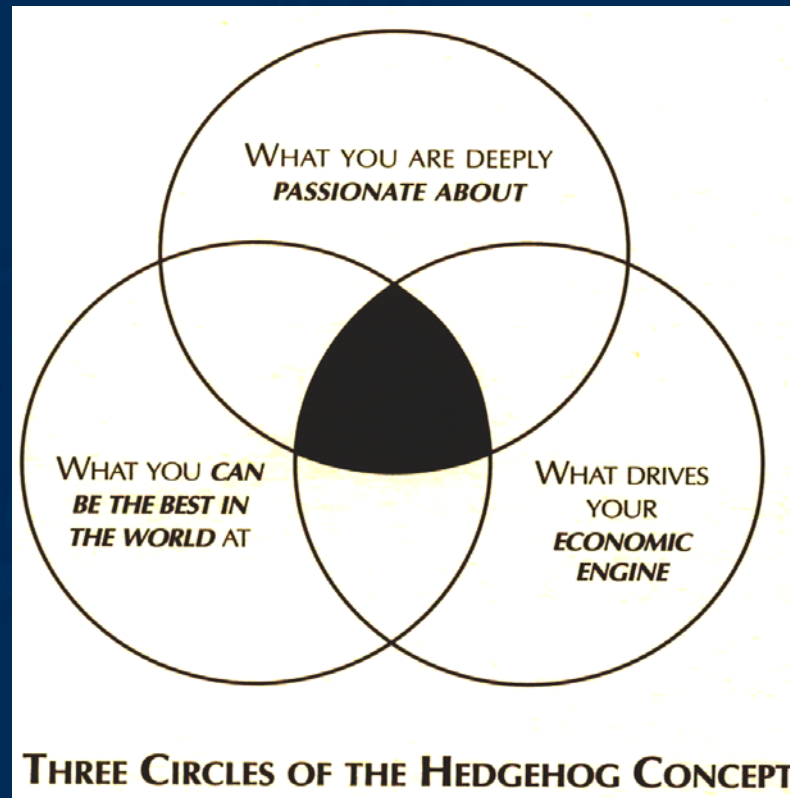
- **AAPG/ DPA combines technical and professional goals**
- **Programs in line with DPA mission**
  - Playmaker 1-Day forums
  - Discovery Thinking Forums Conventions (ACE, ICE)
  - AAPG/DPA webpage publications, model forms, statements

# Who Are DPA members?

- We are a *community* in AAPG focused on professional practice of energy geoscience
- Our members are *Certified* Petroleum Geologists, Geophysicists and Coal Geologists - committed to the *highest standards* in our profession
- We represent geoscientists with *policymakers* on matters of professional concern
- WE ARE OILFINDERS learning from each other to perfect our craft and business acumen



# Where does the DPA Excel?



From “Good to Great”  
by Jim Collins,  
Harper Business

*“The Zen  
Of Venn”*

“Empowering geologists to discover energy  
and succeed in business”



# AAPG/DPA Programs and Resources for Explorers

- **Playmaker Forums**
- **Discovery Thinking Forums**
- **DPA web publications and videos**

# What is a Playmaker Forum?

- **A compact 1 (or 2) day forum (GTW)**
- **where geoscientists share with geoscientists**
- **technical AND professional paths to business success to find and produce energy, featuring:**
  - educational talks (skill sets, workflows, resources),
  - headliner luncheon (broad vision),
  - analog discoveries in proven and emerging plays (of high interest to the forum venue),
  - networking breaks (participants, speakers, and young professionals can exchange cards and ideas)
  - an ice-breaker reception

# Why use the phrase Playmaker?

- In soccer, a playmaker is a player who controls the flow of the team's offensive play, and is often involved in passing moves which lead to goals, thanks to their vision, technique, ball control, creativity, and passing ability. [Wikipedia]
- Intuition and creativity are key elements of a playmaker's game
- Note: Playmaker is action-oriented.
- Not a Play"studier"



# Expanding Playmaker Forums: 1-day events of Education and Inspiration

- **Midland, TX Jan 14, 2015, Mike Party**
- **London, England March 2, 2015, Rick Fritz**
- **Calgary, Canada March 31, 2015, John Hogg**

## Possible future Playmakers

- **Denver, Fall 2015, Steve Sonnenberg**
- **Mid Continent**
- **Dallas**
- **Pittsburgh**

# Legacy of Online Resources

- <http://www.aapg.org/resources/videos/dpa>

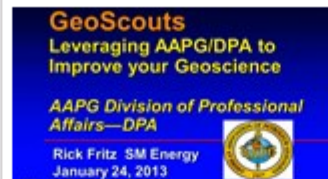
The screenshot shows the AAPG website's 'DPA Videos' page. The browser address bar displays <https://www.aapg.org/resources/videos/dpa>. The AAPG logo is prominently displayed at the top, with the tagline 'Advancing the World of Petroleum Geosciences™'. The navigation menu includes 'OFFICES', 'DIVISIONS', 'FOUNDATION', 'RESOURCES', 'SITEM', 'Register', and 'Login'. The 'RESOURCES' menu is expanded, showing 'GIS Open Files', 'Slides', and 'Videos', with a red arrow pointing to 'Videos'. Below the navigation, the main content area is titled 'VIDEOS' and 'DPA Videos'. It features a 'Playmaker 2.0 Forum' section dated '24 January, 2014 | Houston, Texas'. Below this, there are four video thumbnails for 'PLAYMAKERS 2014' presentations: 'Introduction to Playmaker 2.0' by Charles Sternback, 'Culture of Greatness' by Rick Fritz, 'Mexico's Energy Reform' by Alfredo Guzman, and 'Deep Gas Play in Gulf of Mexico' by Jim Bob Moffett. A sidebar on the right titled 'Other Videos' lists 'Event Videos', 'Award Videos', 'Interview Videos', 'DPA Videos', and 'Student Videos', with a red arrow pointing to 'DPA Videos'. Social media icons for LinkedIn, Facebook, Twitter, Email, and Print are visible above the search bar.

# Playmaker Forum

24 January, 2013 | Houston, Texas



Charles Stembach -  
Introduction to Playmaker  
Forum



Rick Fritz - GeoScouts:  
Leveraging AAPG/DPA to  
Improve Your Geoscience



Kirk Barrell - Tuscaloosa  
Marine Shale: Emerging Oil  
Shale Play



Shane Matson -  
Mississippi Lime:  
Kinematics of a Play



Bill Zagorski - Marcellus  
Shale: Evolving Play



Harold Hamm - My Vision  
for Domestic Energy



Dick Stoneburner -  
Exploration and Appraisal  
of Unconventional  
Reservoirs



Steve Brachman - Selling  
Your Prospect



Ted Beaumont - Creative  
Petroleum Exploration



Dan Tearpock - The Ten  
Habits of Highly  
Successful Oil Finders



Charles Stembach - DPA  
opening statement at 2013  
Playmaker Forum



## Playmaker 2.0 Forum

24 January, 2014 | Houston, Texas



**Charles Sternback -**  
Introduction to Playmaker  
2.0



**Rick Fritz - DPA Culture of**  
Greatness



**Alfredo Guzman - Mexico's**  
Energy Reform



**Jim Bob Moffett - Deep**  
Gas Play in Gulf of Mexico



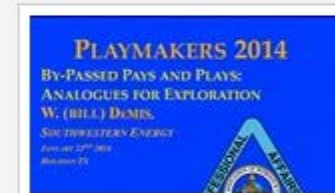
**Brad Berg - Characterizing**  
Shale Plays



**Bud Brigham - History of**  
Brigham Exploration



**Chris Laughrey -**  
Geochemistry Seals the  
Deal



**Bill DeMis - Bypassed Pays**  
and Plays



**Robert Pledger - Marketing**  
Prospects to Investors



**Tom Bowman - Practical**  
Prospecting



**John Hogg - Success in**  
Canada Arctic



**Paul Basinski - The Golden**  
Age of Shale

# Resources for Explorers

- **Playmaker Forums**
- **Discovery Thinking Forums**
- **DPA web publications and videos**

<http://www.aapg.org/resources/videos/dpa>



# Discovery Thinking is Global...



# Giant Discoveries: Global

## Denver ACE Meeting, *AM June 1, 2015*

- Clemens Pirker, Specialist Geophysics, Statoil, “Successful lithology and fluid prediction based exploration in East Africa-Tanzania block 2”
- John Shinol, Exploration Manager, Cobalt International, “Unlocking of the Pre-Salt Play in the Deepwater Kwanza Basin of Offshore Angola” (co-authors: Christopher Olson, Tim Nicholson, James Farnsworth, Cobalt; Lino Buambua, Domingos Cunha, Sonangol E.P.)
- Tiffany L. Hopkins, Regional Exploration Manager, Noble Energy, “40 TCF and Counting: Understanding the Petroleum System of the Deep water Levant Basin” (co-authors: Kul Karcz, Delek Drilling & Avner Oil; Dan Needham and Gerardo Franco, Noble Energy, Inc.)
- Roberto Carlos Rebelo da Cunha, Senior Geologist - E&P Exploration Petrobras, “Stratigraphic traps in Sergipe - Alagoas Basin, NE Brazil: How far do turbidite fans go?”

**C. Sternbach, P. Weimer, E. Dolly, co-chairs**

# Giant Discoveries: North America

## Denver ACE Meeting, *PM June 1, 2015*

- **Pete Stark, VP IHS and Bob Fryklund, Chief Upstream strategist for IHS, “The Exploration Dilemma: Gateway to New Paradigms in Discovery Thinking”**
- **John Cody, Exploration Manager, Statoil Canada, “A Late Jurassic Play Fairway Beyond the Jeanne d’Arc Basin. New Insights and Recent Exploration Success in the Northern Flemish Pass Basin”**
- **Christopher Gonsalves, Technical Manager, Shell, “Unlocking the Deep Utica Play in Northeast Pennsylvania” (co-authors: Andrea Reynolds, James S. Hnat, Katy Keller, Larissa Walker, Dominic Druke, William Langin, and Chandler Wilhelm)**
- **Rafael Pinto, Geophysicist, Noble Energy, Case History: “Big Bend Gulf Of Mexico Exploration Success through integrated G&G Technology” (co-authors: Kirk Rovang, Ben Maxey)**

**C. Sternbach, P. Weimer, E. Dolly, co-chairs**



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II PAUSE

www.searchanddiscovery.com/specialcollections/discoverythinking.html




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### AAPG Discovery Thinking Forums


#### AAPG International Conference and Exhibition

-  [Introduction: 11th Discovery Thinking Forum, Charles A. Sternbach, #70177 \(2014\).](#)
-  [The Habban Field and the fractured basement play in Yemen, Pascale Neff, #20286 \(2014\).](#)
-  [The Opening of the Kurdistan Oil and Gas Province: The Making of a Nation, Tony Hayward, #10688 \(2014\).](#)

#### AAPG Annual Convention and Exhibition, April 6-9, 2014, Houston, Texas

 [Introduction: Discovery Thinking Forum, 2014, Charles A. Sternbach, #110172 \(2014\)](#)

 [Click to view presentation in PDF format](#)

 [Unfolding by Holistic Thinking, Giant and Significant Oil Discoveries in a Mature Area: Discovery of Edvard Grieg, Johan Sverdrup and Luno II in the Norwegian North Sea, Hans Rønnevik and Arild Jørstad, #110173 \(2014\)](#)

1 of 3 presentation from Forum, Discovery Thinking, 2014 AAPG Annual Convention

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# Hans Ronnevik

## AAPG 2015 Outstanding Explorer of the Year



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GEORGE R. BROWN CONVENTION CENTER

 **AAPG**



00:29



52:50

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Annual Convention & Exhibition


# AAPG ACE April 2010, New Orleans

- [AV](#) East Texas Deep Bossier Sandstones, Amoruso Field, by John J. Amoruso, Search and Discovery Article #110135 (2010)  
 [Click to view presentation in PDF format](#)
- [AV](#) "Unconventional" Discovery Thinking in Resource Plays: Haynesville Trend, North Louisiana, by Marvin D. Brittenham, Search and Discovery Article #110136 (2010)  
 [Click to view presentation in PDF format](#)
- [AV](#) From First Idea to 10TCF in 10 Months: Discovery of Eagle Ford Shale in Hawkville Field, by Gregg Robertson, Search and Discovery Article #110137 (2010)  
 [Click to view presentation in PDF format](#)
- [AV](#) The Appalachian Marcellus Shale Play - Discovery Thinking, Timing and Technology, by William Zagorski, Search and Discovery Article #110138 (2010)  
 [Click to view presentation in PDF format](#)
- [AV](#) Learning from 40 Years Experience: Risking Seismic Amplitude Anomaly Prospects, by Mike Forrest, Search and Discovery Article #110139 (2010)  
 [Click to view presentation in PDF format](#)
- [AV](#) Discovery Thinking Has Led to 70 Years of Continued Exploration and Development at Stella Salt Dome, Plaquemines Parish, LA, by Dan L. Smith and Audrey W. Adams, Search and Discovery Article #110140 (2010)  


# AAPG ACE June 2009, Denver

- [AV](#)Challenge Dogma — Question the Answer,  
by M. Ray Thomasson, Search and Discovery Article #110075 (2009)  
 [Click to view presentation in PDF format](#)
- [AV](#)Conventional Wisdom: A Different Approach—Exploration in the Central Utah Thrust Belt,  
by Doug Strickland, Search and Discovery Article #110076 (2009)  
 [Click to view presentation in PDF format](#)
- [AV](#)[Perspectives of Elm Coulee Field, Williston Basin — The True Significance for Bakken and Beyond](#),  
by Doug Strickland, Search and Discovery Article #110077 (2009)
- [AV](#)Some Advice from Half Century of Elephant Hunting: How We Bagged Some Big Ones,  
by Bill Barrett, Search and Discovery Article #110078 (2009)  
 [Click to view presentation in PDF format](#)
- [AV](#)A New Exploration Model for Stratigraphic Traps, 1950's,  
by Robert J. Weimer, Search and Discovery Article #110079 (2009)  
 [Click to view presentation in PDF format](#)
- [AV](#)"Unconventional" Discovery Thinking in Resource Plays: Haynesville Trend and John Amoruso Field, East Texas,  
by Marvin D. Brittenham, Search and Discovery Article #110080 (2009)  
 [Click to view presentation in PDF format](#)
- [AV](#)Round Table: Co-chairs: Charles Sternbach and Ed Dolly

# AAPG ACE April 2008, San Antonio

- [AVPresentation](#),  
by Bob Gunn, Search and Discovery Article #110047 (2008)
- [AVPresentation](#),  
by Marlan Downey, Search and Discovery Article #110048 (2008)
- [AVPresentation](#),  
by Herbert Hunt, Search and Discovery Article #110049 (2008)
- [AVPresentation](#),  
by Alfredo E. Guzman, Search and Discovery Article #110050 (2009)  
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- [AVPresentation](#),  
by Dudley J. Hughes, Search and Discovery Article #110051 (2009)  
 [Click to view presentation in PDF format](#)
- [AVPresentation](#),  
by Clayton Williams, Search and Discovery Article #110052 (2008)
- [AVRound Table](#): Co-chairs: Charles Sternbach and Ted Beaumont

# Resources for Explorers

- **Playmaker Forums**
- **Discovery Thinking Forums**
- **DPA web publications and videos**



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**Rick Fritz**

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## Playmaker Forum

This popular 1-day forum has been presented in Houston 2013 and 2014, organized by Past President Charles Sternbach, and in 2014 also by Rick Fritz.

Watch for future Playmaker Forums:  
 Midland, TX - 14 January 2015  
 Calgary, Canada - 31 March 2015

## Videos from Playmaker Forum

[John Hogg](#)

[Tom Bowman](#)

[Bud Brigham](#)

[Brad Berg](#)

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# News, publications, forms, resources

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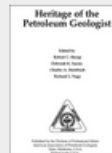
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Division of Professional Affairs

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Edited by Peter R. Rose  
and Stephen A. Sonnenberg



## Heritage of the Petroleum Geologist



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# Thanks also to the Permian Basin Petroleum Museum!

