Legacy of Discovery: Resources for Explorers*

Charles A. Sternbach¹

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.
**Datapages©2015 Serial rights given by author. For all other rights contact author directly.

¹President, Star Creek Energy Houston, Texas (carbdude@gmail.com)

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).
- 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


Rose, P.R., and S.A. Sonnenberg, editors, 1993, Guiding Your Career as a Professional Geologist: AAPG Division of Professional Affairs, 64p.
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
Charles Sternbach - 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 Sternbach - DPA opening statement at 2013 Playmaker Forum
<table>
<thead>
<tr>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles Sternback - Introduction to Playmaker 2.0</td>
</tr>
<tr>
<td>Rick Fritz - DPA Culture of Greatness</td>
</tr>
<tr>
<td>Alfredo Guzman - Mexico's Energy Reform</td>
</tr>
<tr>
<td>Jim Bob Moffett - Deep Gas Play in Gulf of Mexico</td>
</tr>
<tr>
<td>Brad Berg - Characterizing Shale Plays</td>
</tr>
<tr>
<td>Bud Brigham - History of Brigham Exploration</td>
</tr>
<tr>
<td>Chris Laughrey - Geochemistry Seals the Deal</td>
</tr>
<tr>
<td>Bill DeMis - Bypassed Pays and Plays</td>
</tr>
<tr>
<td>Robert Pledger - Marketing Prospects to Investors</td>
</tr>
<tr>
<td>Tom Bowman - Practical Prospecting</td>
</tr>
<tr>
<td>John Hogg - Success in Canada Arctic</td>
</tr>
<tr>
<td>Paul Basinski - The Golden Age of Shale</td>
</tr>
</tbody>
</table>
Resources for Explorers

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

http://www.aapg.org/resources/videos/dpa
Discovery Thinking is Global...

ACE San Antonio, 2008
ACE Denver, 2009
ACE New Orleans, 2010
ACE Houston, 2011
ACE Long Beach, 2012
ICE Singapore, 2012
ACE Pittsburgh, 2013
ICE Cartagena, 2013
ACE Houston, 2014
ICE Istanbul, 2014
ACE Denver, 2015
ICE Melbourne, 2015
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.)


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”


- 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
AAPG Datapages / Search and Discovery

AAPG Discovery Thinking Forums

AAPG International Conference and Exhibition


- 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

  
  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 Ronnevik and Arild Jørstad, #110173 (2014)
  
  1 of 3 presentation from Forum, Discovery Thinking, 2014 AAPG Annual Convention
  
  Click to view presentation in PDF format

[CLICK 2]
Hans Ronnevik
AAPG 2015 Outstanding Explorer of the Year
AAPG ACE April 2010, New Orleans

- **East Texas Deep Bossier Sandstones, Amoruso Field**, by John J. Amoroso, Search and Discovery Article #110135 (2010) [Click to view presentation in PDF format]

- **“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]

- **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]

- **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]

- **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]

- **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

- **Challenge Dogma — Question the Answer,**
  by M. Ray Thomasson, Search and Discovery Article #110075 (2009)
  ![Click to view presentation in PDF format]

- **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]

- **Perspectives of Elm Coulee Field, Williston Basin — The True Significance for Bakken and Beyond,**
  by Doug Strickland, Search and Discovery Article #110077 (2009)

- **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]

- **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]

- **“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]

- **Round Table: Co-chairs: Charles Sternbach and Ed Dolly**
AAPG ACE April 2008, San Antonio

- **AV Presentation**, by Bob Gunn, Search and Discovery Article #110047 (2008)

- **AV Presentation**, by Marlan Downey, Search and Discovery Article #110048 (2008)

- **AV Presentation**, by Herbert Hunt, Search and Discovery Article #110049 (2008)

- **AV Presentation**, by Alfredo E. Guzman, Search and Discovery Article #110050 (2009)

  - Click to view presentation in PDF format

- **AV Presentation**, by Dudley J. Hughes, Search and Discovery Article #110051 (2009)

  - Click to view presentation in PDF format

- **AV Presentation**, by Clayton Williams, Search and Discovery Article #110052 (2008)

- **AV Round Table**: Co-chairs: Charles Sternbach and Ted Beaumont
Resources for Explorers

- Playmaker Forums
- Discovery Thinking Forums
- DPA web publications and videos
Student Leaders Hold Action-Packed Summit in Lima
DPA Web Resources for Explorers

Division of Professional Affairs
A Division of the American Association of Petroleum Geologists
1444 South Boulder Ave • Tulsa, OK 74119 USA
Mailing Address: P.O. Box 979 • Tulsa, OK 74101-0979 USA
(918) 584-2555 • Toll Free (U.S./Canada): (800) 364-2274
Fax: (918) 560-2694 • dpa@aapg.org

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

CLICK 2
View All Videos
DPA Career Publications

Guiding Your Career As A Professional Geologist
Edited by Peter R. Rose and Stephen A. Sonnenberg

Heritage of the Petroleum Geologist
Heritage Volume 2, will expand global coverage...
Edited by Robert C. Shoup, Deborah K. Sacrey, Charles A. Sternbach, Richard L. Nagy
Join DPA: Network with leaders and world class oil finders
Thanks for attending today's program!
Thanks also to the Permian Basin Petroleum Museum!