

Publications by Selim S. Shaker

Formation Damage Circumvent in HP-HT due to Pore Pressure Regression

- SPE International Conference and Exhibition on Formation Damage Control, Lafayette, USA, 2018 (SPE-189558-MS)

Before Drilling Pore Pressure Prediction Modeling and Pitfalls

- AADE, annual convention 2017, AADE-17-NTCE-039, Houston, TX.

Drilling Challenges Related to Dirty Salt

- AADE, annual convention 2016, AADE-16-FTCE-16, Houston, TX.

Velocity for pore pressure prediction modeling

- SEG annual convention 2015, New Orleans, LA, pp. 1797-1801.

New Approach to Pore Pressure Prediction: Generation, Expulsion and Retention Trio, Case Histories from GOM

- GCAGS 2015 Annual Convention, Houston, Sept.2015. Winner of the *GORDON I. ATWATER AWARD*
- CSEG (Canadian Society of Exploration geophysicists), *RECORDER*, 2015,v 40, n 1, pp 44-51
- AAPG Sixth Annual Deepwater and Shelf Workshop, Jan.27-28th 2015.

Exploring the Missing Blind Zone on the Gulf of Mexico Shelf

- AAPG Sixth Annual Deepwater and Shelf Workshop, Jan.27-28th 2015.
- GCAGS 2015 Annual Convention, Houston, Sept.2015.

Predicting of Seal Failure and Reservoir Breaching in Deepwater

- AAPG Sixth Annual Deepwater and Shelf Workshop, Jan.27-28th 2015.
- GCAGS 2015 Annual Convention, Houston, Sept.2015.

New Perspective to SWF (shallow water flow) and Sinking Well Head Prevention in Deepwater

- THE LEADING EDGE April 2016 Special Section: Offshore geophysical applications/OTC
- AAPG Sixth Annual Deepwater and Shelf Workshop, Jan.27-28th 2015.
- CSEG (Canadian Society of Exploration geophysicists), *RECORDER*, February issue 2015,v 40, n 2, pp 34-40
- GCAGS 2015 Annual Convention, Houston, Sept. 2015
- AADE 2016 annual convention, Houston, TX

Reservoir vs. Seal Pressure Gradients: Perception and pitfalls.

- AAPG 2014 annual convention (Ex.ABS.#1834685)
- Canadian Society of Exploration geophysicists, *RECORDER*, April issue 2012.

Drilling Challenges due to the Disparity between Reservoir and Seal Pressure Gradients: Based on Case Histories from the Gulf of Mexico

- AADE Annual Convention, April 2012 (AADE-12-FTCE-66)

The Deep Water Geopressure Drilling Tolerance Window: Walking a Fine Line, Case Histories from GoM.

- AAPG Geosciences Technology Workshop, January 2012
- AAPG Annual Convention, April 2011.

- Technofest, HGS, July 2011.
- HGS technical dinner presentation, October 10th, 2011.
- <https://www.youtube.com/watch?v=LpgahlvuKzo>

**The BOP is the last line of defense against Blowout:
How to Circumvent the Next Oil Spill?**

- Houston Geological Society, May 19, 2010,
<http://www.hgs.org/en/art/2584/>

Geopressure Impact on Seismic Interpretations: Case Histories from the Gulf of Mexico

- AAPG annual convention 2010, New Orleans

The Impact of Supra-Sub Salt Geomechanics on Trap's Integrity and Drilling

- AAPG Geoscience Technology Workshop 2010, Deep Water and Ultra-deep Water Reservoirs in the Gulf of Mexico, Houston.
- Houston Geomechanics Society, Schlumberger, Nov. 2011.

Velocities Crossover due to Geopressure: Implication to AVO Assessment

- SEG annual convention 2009, Houston, TX

Dirty vs. Clean Salt: Their Impact on the Sub-Salt Wilcox Deep Water Exploration Plays

- AAPG annual convention 2010, New Orleans
- GCAGS 2009 Convention, Transaction No. 59, pp.689-698

The Double Edged Sword:

The Impact of the Interaction between Salt and Sediment on Sub-salt Exploration Risk in Deep Water, from *Mahogany* to *Jack*

- Canadian Society of Exploration Geophysicists, Recorder, October 2007.
- AAPG Annual Convention, April 2008
- Houston Geological Society, General Dinner Meeting April 14th, 2008.
- GCAGS 2008 Convention (October 5th -9th)
- Oil World Magazine, Gulf Publishing Company, September, 2008.

The Strat-Geopressure Fairways: A new technique advances risk assessment and prediction of deeper potentials, case history from the Gulf of Mexico

- AAPG Annual Convention, April 2008
- GCAGS 2008 Convention (October 5th -9th)

Calibration of Predicted Pore Pressure: Perception and Pitfalls

- GCAGS 2008 Convention (October 5th -9th)

Loss of Circulation: Causes and Consequences in Geopressure System

- AADE (American Association of Drilling Engineers) Annual Convention, April 2008

The American Oil & Gas REPORTER, August 2008

NCT Key to Predicting Pore Pressure, MWD/LWD & Formation Evaluation

- The American Oil & Gas REPORTER, November 2007

Calibration of Geopressure Predictions using Normal Compaction Trend: Perception and Pitfall

- AADE (American Association of Drilling Engineers), Annual Convention, April 2007, Houston, Texas, Paper #51
- Canadian Society of Exploration Geophysicists, Recorder, January 2007

Geopressure Centroid: Perception and Pitfalls

- SEG International Exposition and Seventy-Fifth Annual Meeting, Houston, Texas (November 2005)

The Northern Gulf Of Mexico Exploration Potentials: From Structural Plays, Seismic Anomalies to Geopressure Compartmentalization

- Offshore Magazine (Penn Well publication), April, 2004, pp. 100-104

Geopressure Compartmentalization in Salt Basins: Their Assessment for Hydrocarbon Entrapment in the Gulf of Mexico

- 24th Annual GCSSEPM Research Conference, Houston, TX, December 2004

Trapping Vs. Breaching Seals in Salt Basins: A Case History of Macaroni and Mt. Massive, Auger Basin, Gulf of Mexico

- GCAGS 54th Annual convention, San Antonio, Texas 2004, pp. 647-654

Geological Perception of Pore and Fracture Prediction: Case Histories from the Gulf of Mexico

- GCAGS 54th Annual Convention, San Antonio, Texas 2004, pp. 635-646

The Prospective Deep Miocene in the Gulf of Mexico Shelf: Compartmentalization Knowledge of the Geopressed Depositional System Sheds Light on Immense Exploration Potential

- 23rd Annual GCSSEPM Research Conference, Houston, Texas, December, 2003

The Controversial Pore Pressure Conversion Factor: PSI to PPG MWE

- The Leading Edge (Society of Exploration Geophysicists), December 2003, Vol. 22
- Recorder (Canadian Society of Exploration Geophysicists), October 2003, Vol. 28

Drilling Challenges Related to Geopressure Compartmentalization

- Drilling, A supplement to Hart's E&P, December 2003, pp. 19-21
- AADE Annual Convention 2005, Houston, Texas

Exploration "Sweet Spots" in the Deep Shelf, Gulf of Mexico

- GCAGS Transaction 2003, Vol. 53, Baton Rouge, Louisiana

Pore Pressure Prediction: Geological Perceptions

- Houston Geological Society Bulletin, September 2002, Vol. 45, No. 1, pp. 24-29

Causes of Disparity between Predicted and Measured Pore Pressure

- The Leading Edge (Society of Exploration Geophysicists), August 2002, Vol. 21, No.8

Sequence Stratigraphy: Key to Geopressure Profile Assessment

- Recorder (Canadian SEG), September 2002, Vol. 27, No. 7

Geopressure Progression – Regression: An Effective Risk assessment tool in the Gulf of Mexico

- GCAGS Transaction 2002, Vol. 52 pp. 893-898

Predicted vs. Measured Pore Pressure: Pitfalls and Perceptions

- Published and presented at the OTC, Houston, Texas, May 2002

Pore Pressure Prediction in the Challenging Supra / Sub-Salt Exploration Plays in Deep Water, Gulf of Mexico

- Presented as Extended Abstract at the AAPG Convention, Houston, Texas, March 2002

Geopressure Compartmentalization in Keathley Canyon, Deepwater Gulf of Mexico

- GCAGS Transaction 2001, Vol. 51, pp. 293-304

Trap Integrity: An Exploration Risk in Deepwater Enclosed Mini-Salt Basins in the Gulf of Mexico

- Presented at the AAPG Convention, New Orleans, Louisiana, April 2000

Exploration in Geopressured Compartments

- Presented at the Geophysical Society of Tulsa (GST), September 1999

Geologic Models in Relation to Spill-points Position, Gulf of Mexico

- Presented at the AAPG Convention, New Orleans, Louisiana, April 1993

Local Geological and Groundwater Investigation of Sidi Kreir Nuclear Power Plant, Western Desert, Egypt

- Remote Sensing Research Project, Cairo, Egypt, 1978

Application of Landsat Imagery in the Geological and Soil Investigation the Central Western Desert, Egypt

Published in Twelfth International Symposium on Remote Sensing of Environment, Manila, Philippines, April 1978

Geological and Hydrological Investigation of the Site of Proposed Tunnel at Qantara (Suez Canal)

Remote Sensing Research Project, Cairo, Egypt, 1975

Geologic Interpretation of Landsat Satellite Images for West Nile Delta Area, Egypt

Remote Sensing Research Project, Cairo-Oklahoma State University, 1975

Rock Stratigraphy and Structural Features of the Area between Wadi El Natrun and Moghra Depression, Western Desert, Egypt

Geol. JB., Hanover, 1975

Geologic Interpretation of Landsat Satellite Images for West Nile Delta Area, Egypt

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Youtube presentation:

<https://www.youtube.com/watch?v=LpgahlvuKzo>