

Principal Seismic Petrophysicist

Mohamed Eissa
Schlumberger Geosolutions



Languages:

English & Arabic

Industry Experience:

23 Years

Expertise:

Log Analysis, seismic Petrophysics, Rock Physics, Well Driven Seismic, AVO modeling and analysis, Inversion, and Seismic Guided Drilling, project management

Professional Affiliations:

AAPG, SPWLA, SEG & EAGE

Schlumberger-Geosolutions

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INTRODUCTION

A Principal seismic petrophysicist, with 23 years industry experience that includes well log editing and pseudo well log generation, seismic petrophysical analysis, AVO modeling and analysis, seismic interpretation, rock physics, well driven seismic, inversion, seismic guided drilling, and project and group management. Excellent experience in integrating geological, geophysical and engineering data to produce reliable products with less uncertainty. World-wide experience includes North and South America, Middle East and North Africa, Europe, Canada, Asia, and Australia.

PROFESSIONAL EXPERIENCE:

WesternGeco-Schlumberger----- 2014 to present

Principal Seismic Petrophysicist GeoSolutions

WesternGeco-Schlumberger----- 2011 to 2013

GII Middle East and North Africa Manager

WesternGeco-Schlumberger ----- 2005 to 2011

Seismic Petrophysics Team Leader

Fusion Petroleum Technologies Inc., The Woodlands, TX----- 2004 to 2005

Manager of Petrophysics

Fusion Geophysical LLC, Norman, OK -----2000-2004

Manager of Petrophysics

Research Associate the University of Oklahoma, Norman, OK----- 1997-2004

Pathfinder Exploration LLC, Norman OK-----1998-2000

Consultant

SOFTWARE SKILLS:

-Techsia Techlog, Senergy Interactive Petrophysics, Petrel, SMT Kingdom, and Hampson Russell GEOVIEW

SELECTED PUBLICATIONS:

- Eissa, M. A.; and Castagna, J. P., 2001, Case study: AVO analysis in a high-Impedance Atoka Sandstone (Pennsylvanian), North Arkoma Basin, McIntosh County, Oklahoma. The Leading Edge 22, 988-997

- Eissa, M. A.; Castagna, J. P.; and Leaver, A., 2003, AVO Detection of gas-producing dolomite trends in non-producing limestone, The Leading Edge May issue, P 462-468.

- Eissa, M.A., Pfeiffer, J. and Ortega, H. A. 2008, Petrophysical Analysis and AVO Technique Successfully Estimate Reservoir Quality of Carbonate, Onshore Guajira Basin, Northern Colombia, Journal of Petrophysics, Vol. 49, NO. 6 (December 2008); P. 461-471.

- Lee, G.H.; Eissa, M.A.; Decker, C.L.; Castagna, J.P.; O'Meara, D.J.; and Martin, H.D., 2004, Aspects of the Petroleum Geology of the Bermejo Field, Northwestern Oriente Basin, Ecuador, Journal of Petroleum Geology, Vol. 27 (4), October 2004, pp 335-356.

- El-mowafy H. Z , Eissa M. A. 2010, Petrophysical Analysis of the Kharita and Bahariya reservoirs, Bader El Din-1 Field, Western Desert, Egypt. The Leading Edge April issue, Vol. 29, No.4. P 392-398

EDUCATION:

Ph.D. Petrophysics, Tanta University, Egypt (1996)

Ph.D. Research, University of Oklahoma, Ok, USA (1993-1996)

MSc Geophysics, Tanta University, Egypt (1990)

BSc Geology Tanta University, Egypt (1984)

Schlumberger-Private