

	<p>PROFESSIONAL HIGHLIGHTS</p> <p>A highly knowledgeable E&P engineer with a proven track record of success in evaluating reservoirs and developing solutions that demand innovative thinking, teamwork, and technical detailed analysis. As an industry young leader represents a firm through public speaking and active participation in technical and professional organizations. Demonstrates excellent interpersonal and team-building skills. Completes projects on time and within budget. Readily identifies and adapts technology to drive significant increases in revenue and business growth. Expert in using Petra and decline curve analysis.</p> <p>WORK EXPERIENCE</p> <p>CDEUS, (2015-CURRENT) RESERVOIR ENGINEERING CONSULTANT</p> <ul style="list-style-type: none"> Supported Reservoir Simulation projects for Bakken Shale Provided technical analysis to support clients decision of investing in several prospects onshore Identified new business opportunities, new clients for Domestic and International markets <p>BAKER HUGHES INC. APPLIED RESERVOIR TECHNOLOGY, TOMBALL-TX (2013-2015) RESERVOIR ENGINEER</p> <ul style="list-style-type: none"> Performed integrated shale reservoir studies in Permian basin, Vaca muerta, Niobrara and Eagle Ford using geological data mining and production data analysis. Modeled shale reservoirs from Haynesville, Fayetteville, Barnett, Niobrara and Bakken using well-testing data, hydraulic fracture treatments, long-term production, well logging, coupled reservoir simulation and microseismicity. Analyzed refracturing cases of unconventional wells with decline curves and completion designs. Recommended well spacing, estimated ultimate recovery, reserve estimation and compared microseismic, proppant and produced stimulated reservoir volumes <p>TEXAS A&M UNIVERSITY, COLLEGE STATION, TX (2010-2012) SHALE GAS RESEARCH ASSISTANT</p> <ul style="list-style-type: none"> Generated coupled Build up and Rate Normalized Pressure diagnostic plots for shale reservoir systems. Quantified increase/decrease of natural fracture permeability in Haynesville, Fayetteville and Horn River. Contrasted Flow Perspectives in Microseismic, Proppant, and Produced Stimulated Shale Volumes <p>SOFTWARE SKILLS</p> <p>Reservoir and Production Engineering: Petra, Pressure Transient Analysis, Production Analysis, MicroFrac Analysis, Saphir, Topaze, Petrel RE, Eclipse, JewelSuite, Mathematica, MFrac, MShale, CMG Builder, RE Management.</p> <p>Desktop: Microsoft Office suite</p> <p>PUBLICATIONS</p> <ul style="list-style-type: none"> IPTC-18413: "Stimulated Reservoir Volume in a Nutshell" by Vera F. et al, presented at the 2015 International Petroleum Technology Conference, 6-9 December, Doha - Qatar. SPE-173352: "Multidisciplinary Approach in the Permian Basin - A Geological, Statistical and Engineering Case Study to Production Results on the Wichita-Albany Formation" by Vera F., Lemons C., Zhong M., Holcomb W. & LaFollette R., presented at 2015 SPE Hydraulic Fracturing Technical Conference, February 2015, The Woodlands-TX-US. AAPG/SEG/SPWLA Conference: "Modeling Study of Variation of Hydraulic Fracture Initiation and Location on Production Results Before and After Re-Fracturing," by Vera F. & LaFollette R., presented at 2014 SPE Hedberg Research Conference, December 2014, Austin-TX-US. The Way Ahead Magazine, "Describing Shale Well Performance Using Transient Well Analysis," by Vera F. & Ehlig-Economides C., Tech 101, page 24-28.Vol 10 Issue 2, 2014 IPTC-17709: "Earning a Future of Energy" by Vera F., 2014 International Petroleum Technology Conference, 19-22 January, Doha - Qatar. SPE-166152: "Diagnosing Pressure-Dependent-Permeability in Long-Term Shale Gas Pressure and Production Transient Analysis" by Vera F. & Ehlig-Economides C., 2013 SPE Annual Technical Conference & Exhibition, October 2013, New Orleans-LA-US. URTeC-1573545: "Diagnosing Pressure-Dependent-Permeability in Long-Term Shale Gas Pressure and Production Transient Analysis" by Vera F. & Ehlig-Economides C., 2013 Joint AAPG-SPE-SEG Unconventional Resource Technology Conference, August 2013, Denver-CO-US. SPE-159546: "Stimulated Shale Volume Characterization, II Flow Perspective: A Multiwell Case Study from the Horn River Shale" by Ehlig-Economides C. A., Song B., Apiwathanasorn S., Ahmed I., Xue H., Vera F., Wang Y. & Lightner J.; 2012 SPE Annual Technical Conference & Exhibition, October 2012, San Antonio-TX.
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EDUCATION

M.Sc. in Petroleum Engineering,
Texas A&M University,
USA
2012

B. Sc. Petroleum Engineering
Ecuador
2009

EXPERTISE

Reservoir Management,
and Surveillance

Hydraulic Fracturing
Modeling
Integrated Reservoir Study

Pressure and Production
Transient Analysis

LANGUAGES

English, Spanish,
Portuguese & German

ASSOCIATIONS

Society of Petroleum
Engineers