

EDUCATION	PROFESSIONAL HIGHLIGHTS
M.Sc Geology University of Oklahoma, 2013	More than 10 years of experience in the oil & gas industry, identifying recompletion intervals, leads, prospects and play fairways. Proficient in 2D/3D onshore and offshore seismic interpretation, sequence stratigraphy, core description, biostratigraphy and well correlations. Energetic, creative, self-motivated and results oriented professional who enjoys a team work environment with diverse technical challenges.
M.Sc Earth Sciences Universidad Eafit, Medellin, Colombia, 2007	WORK EXPERIENCE
B. Sc. Geology Universidad Nacional, Bogota, Colombia 2004	CONOCO PHILLIPS, HOUSTON, TX (2013–2015) SENIOR GEOLOGIST <ul style="list-style-type: none">South Texas Development Geologist integrating complex geological, geophysical and historical production data for characterizing unconventional tight sandstone deposits. In charge of preparing reservoir maps, OGIP mapping and analyses of prospective intervals for supporting recompletion, potential new drilling locations and depletion plans
EXPERTISE	THE UNIVERSITY OF OKLAHOMA, NORMAN, OKLAHOMA (2011–2013) RESEARCH ASSISTANT <ul style="list-style-type: none">Graduate Research Assistant in an unconventional reservoir characterization project, coupling sequence stratigraphy, biostratigraphy, geochemistry and geomechanics. Winner of the Ben Hare Scholarship, Outstanding Thesis Award
Reservoir Characterization	ECOPETROL, COLOMBIA (2010–2011) EXPLORATION GEOLOGIST <ul style="list-style-type: none">Exploration geologist responsible for regional studies, prospect identification, drilling exploratory wells and wellsite geology. Involved in offshore acreage acquisition, including new ventures evaluation in Guajira (offshore Colombia), Santos and Espirito Santo basins (offshore Brazil).
Integration of Core Description, SEM, XRD and Petrophysical data	ECOPETROL – CDGP, COLOMBIA (2007–2010) EXPLORATION GEOLOGIST <ul style="list-style-type: none">Team leader in a multi-cultural and multi-disciplinary exploration group in charge of prospect identification, surface mapping and prospect definition. Supported by seismic attributes, 3D geomorphologic characterization, seismic inversion and AVO analysis. Responsible for presenting and reporting these exploration opportunities to risk evaluation committees
Micropaleontological Analysis	GEMS LTDA, COLOMBIA (2007) RESEARCH GEOSCIENTIST <ul style="list-style-type: none">Research Assistant in a temporary contract project that included: seismic characterization (facies description, seismic stratigraphy surfaces), biostratigraphy, lithofacies description and interpretation of well log data, to generate a sequence stratigraphy framework in the offshore Guajira Basin (Colombia).
Sequence Stratigraphy and Chronostratigraphic Frameworks	SMITHSONIAN - STRI, COLOMBIA (2005–2007) RESEARCH INTERN FELLOW <ul style="list-style-type: none">Research Assistant in an industry-funded project, to understand the depositional processes, stratigraphy and controls over the Magdalena fan delta during the early Pliocene period, based on descriptions and outcrops analysis in the northern part of Colombia
Geological mapping	GEOCONSULT LTDA, COLOMBIA (2005) RESEARCH GEOSCIENTIST <ul style="list-style-type: none">Temporary contract for Ecopetrol-ICP (Colombian Petroleum Institute)Co-investigator developing paleo-bathymetric methods using benthonic foraminifera, for back-stepping applications in Colombia Basins. Responsible for building the structural framework and finding prospects accordingly.
3D/2D seismic interpretation, well ties, seismic attributes	ECOPETROL- ICP (COLOMBIAN PETROLEUM INSTITUTE), COLOMBIA (2004–2005) GRADUATE STUDENT RESEARCHER <ul style="list-style-type: none">Assisted with project: “Chronology of offshore and onshore’s sequences”. An industry-funded project for characterizing regional sequences and development of a detailed biostratigraphic zonal framework for biostratigraphic control onsite while drilling.
Seismic Inversion, AVO/AVA analysis	SOFTWARE SKILLS Openworks, DSG Landmark, Petrel, OW- DSG, Petrosys, Petra
Prospect generation and risk evaluations	PUBLICATIONS <ul style="list-style-type: none">Author/Coauthor in 20+ technical works: including 5 Peer-Reviewed Papers and 10+ Extended Abstract from URTEC/AAPG/SEG/SPE/HGS/ technical events
LANGUAGES	
Fluent in English and Spanish	
ASSOCIATIONS	
Society of Exploration Geophysicists (SEG)	
American Association Petroleum Geologists (AAPG)	
Houston Geological Society (HGS)	
