

Personal Bio

Vital Stats

Full Name: Ivan Gil

Affiliation: BP America

Position: Sr. Hydraulic Fracturing Modeling Engineer



Biography

Ivan Gil is a Geomechanics Engineer; he obtained his BSc. in 1996 in Petroleum Engineering from the Universidad Industrial de Santander in Colombia. After receiving his Ph.D. from the University of Oklahoma in 2005, he worked for Baker Atlas and Geomechanics International performing wellbore stability, sanding, and rock characterization work; as well as providing training for internal and external clients. Later on, he worked for Itasca, where he had similar responsibilities, in addition to performing numerical modeling of rock response/failure at the reservoir scale. He has been with BP America since 2011, where he is currently working as a Senior Hydraulic Fracturing Modeling Engineer.

Education

Ph.D. Petroleum Engineering, 2005. University of Oklahoma, Norman, Oklahoma

MSc. Petroleum Engineering, 2000. University of Oklahoma, Norman, Oklahoma

BSc. Petroleum Engineering, 1996, Universidad Industrial de Santander, Bucaramanga, Colombia

Major Publications

Fry, M. F., Patel, H., Gil, I. R., Hazzard, J., & Damjanac, B. (2015, November 13). Discrete Element Modelling of Microseismic Energy associated with Hydraulic Fracturing in Natural Fractures Reservoirs. American Rock Mechanics Association.

Sebastian, Herb, Ivan Gil*, Mitchell Graff, Jeff Wampler, German Merletti, Tie Sun, Stephan Cadwallader, and Hemali Patel. "3-D Hydraulic Fracturing and Reservoir Flow Modeling-Key to the Successful Implementation of a Geo-Engineered Completion Optimization Program in the Eagle Ford Shale." In Unconventional Resources Technology Conference, San Antonio, Texas, 20-22 July 2015, pp. 448-457. Society of Exploration Geophysicists, American Association of Petroleum Geologists, Society of Petroleum Engineers, 2015.

Cadwallader, S., Wampler, J., Sun, T., Sebastian, H., Graff, M., Gil, I., ... & Merletti, G. (2015, July). An Integrated Dataset Centered Around Distributed Fiber Optic Monitoring-Key to the Successful Implementation of a Geo-Engineered Completion Optimization Program in the Eagle Ford Shale. In Unconventional Resources Technology Conference, San Antonio, Texas, 20-22 July 2015 (pp. 521-531). Society of Exploration Geophysicists, American Association of Petroleum Geologists, Society of Petroleum Engineers.