

# BRYAN GOTTFRIED, MS MBA PG

Houston, Texas • bgottfried1848@gmail.com  
(713)-560-6617 • linkedin.com/in/bryangottfriedpg/

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## DIRECTOR OF LOW-CARBON STRATEGY

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A versatile and highly accomplished diversified energy professional with 20+ years of experience leading interdisciplinary project teams and engaging stakeholders to optimize assets and deliver value. Creative problem solver eager to apply broad technical expertise, commercial mindset, and knowledge of emerging renewable energy trends and low-carbon technologies toward the challenge of meeting the world's energy demands safely, efficiently, and sustainably. Community-minded leader inspired by working collaboratively in diverse teams and building trusted relationships.

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## CORE COMPETENCIES

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- **Low-Carbon Energy Transition Strategy** Business Development, Commercialization and Business Strategy; Project Management; Climate Policy, Incentives, and Economics
- **Technical Expertise** Clean Energy Tech; Carbon Capture, Utilization, and Storage (CCUS); Hydrogen Production, Transportation, Utilization, and Storage; Geothermal Technology Applications; Upstream Oil and Gas Operations
- **Leadership & Relationship Building** Continuous Education and Improvement; Knowledge Sharing and Team Development; Corporate Culture and Leadership; Professional and Civic Engagement

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## EDUCATION

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**MBA with Certificate in Business Consulting and focus on Global Management, Strategy & Leadership**, University of Houston, C.T. Bauer College of Business; Recognized as Most Outstanding MBA Student

**MS in Geology with focus on Coastal Zone Processes & Management**, University of North Carolina-Wilmington

**BS in Geology with Honors and focus on Chemistry, Physics, and Marine Science**, Florida State University

**Hydrogen Economy Certification**, Production, Safety, Transportation, Storage, Utilization & Commercialization of Hydrogen, University of Houston, Sustainable Energy Program

**Udemy Education**, Introduction to Finance, Accounting, Modeling, & Valuation

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## PROFESSIONAL EXPERIENCE

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### ENVIRONMENTAL RESOURCES MANAGEMENT (ERM), Houston, TX

Feb 2022 – Present

**Principal Consultant** – Low-Carbon Energy Transition, Capital Projects Delivery, and Transaction Advisory

Supported the successful delivery of a portfolio of projects by providing oil and gas industry insights and knowledge of emerging renewable energy technologies, policies, and incentives to achieve revenue impact through identification and conversion of client opportunities.

- Supported \$4 billion acquisition of legacy oil and gas assets by satisfying European investor concerns over potential use of hydraulic fracking and identifying opportunities to decarbonize operations through incorporation of clean-tech
- Provided subsurface technical due diligence and scoping economics supporting onshore and offshore CCS, hydrogen storage, and geothermal power production projects.
- Conducted projected hydrogen demand study for the greater Chicago Area to guide strategy for major North American pipeline operator.

### CITATION OIL & GAS, Houston, TX

Apr 2013 – Apr 2020

**Senior Reservoir Geologist** – Central Region (Illinois, Kansas, Utah, Colorado, and Nebraska)

Led drilling campaigns and identified bypassed oil in legacy fields using petrophysical analysis; applied EOR technologies to economically increase production, prolong life of assets, and book additional reserves resulting in increased shareholder value.

- Applied innovative Enhanced Oil Recovery (EOR) techniques and conformance mapping methods including polymer-based water shut off, microbial surfactants, and injected tracers to improve recovery efficiency and prolong life of assets.
- Reinterpreted vintage Kansas field resulting in new well locations; ROI of Hederhorst-8 well 60% as of Jan 2023.
- Executed conformance studies and water flood mapping of Kansas fields, boosting revenue by increasing oil and reducing water production by >50%; average ROI of projects 58% as of Jan 2023.

## MARATHON OIL COMPANY, Houston, TX

Apr 2007 – Apr 2013

### Production Geologist – Gulf of Mexico Asset Team

Represented company interests for all non-operated Gulf of Mexico assets and created reservoir models to evaluate infill well potential and risk of compartmentalization in company-operated assets.

- Evaluated subsurface risks and uncertainty and conducted cost-benefit and value of information (VOI) analysis to guide company participation decisions in all non-operated Gulf of Mexico assets.
- Developed reservoir models by integrating 3D seismic, petrophysical, and production data to evaluate the risk of compartmentalization on the success of a proposed \$60 million deep-water well.
- As member of Marathon Employee's Political Action Committee (MEPAC) raised awareness of federal and state policy initiatives that had potential to impact business; raised \$580K to promote responsible energy development and advocate for reasonable and balanced regulations.

### Operations Geologist – Bakken Asset Team

Oversaw geoscience and data acquisition operations of three rigs running 24/7; provided drilling efficiency and completion recommendations for over 80 horizontal wells representing over \$600 million in investments.

- Led interdisciplinary team of multicultural professionals including engineers, geophysicists, petrophysicists, landmen, and field staff to safely generate economic production through high-profile drilling and field development program.
- Regularly testified at North Dakota Industrial Commission hearings as an expert witness on matters of reservoir management and resource optimization.
- Led the Bakken Integrated Core Study project including negotiating with vendors and ensuring the safe, efficient, and successful retrieval, transportation, and analysis of core resulting in a greater understanding of the reservoir and significantly increased production.
- Represented Marathon at Ft. Berthold Reservation Community Open House with members of the Three Affiliated Tribes and presented overview of company operations, planned investments to improve local infrastructure, and jobs program.

**OTHER CAREER EXPERIENCE** as an Operations Geologist with **Anadarko Petroleum** supporting the Cotton Valley Sand tight gas drilling program – 2006-2007, as a Project Geoscientist providing marine and drilling geohazards assessments with **Fugro** - 2003-2006, and as a Technical Support Geoscientist with **Schlumberger** conducting client-facing geoscience interpretation and data management support at **ExxonMobil** - 2000-2002.

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## PROFESSIONAL & CIVIC LEADERSHIP

- **Board of Affiliates** Rice University Professional Science Master's Program, Energy Geoscience.
- **Board of Directors and Head Official** Premier Aquatics Club of Klein (PACK).
- **Swimming Official** USA National Deck certified Official; Certified Meet Referee for NCAA and Texas UIL competitions; Regular volunteer for Special Olympics meets in the Greater Houston area.
- **Board of Advisors** Global Energy Transition (GET); supporting displaced Oil & Gas workers as they transition to find their place in today's diversified energy industry.
- **MBA Ambassador** University of Houston, Bauer College of Business; Promoted Bauer Professional MBA program by sharing experiences and opportunities available with prospective students.
- **Diversity & Inclusion Team** Promoted the benefits and competitive advantages of diverse backgrounds, experiences, and perspectives within Marathon's business units.
- **Company Representative** UT-Austin GeoFORCE program promoting STEM careers with local students.
- **Fundraiser** Organized successful silent auctions raising over \$13,000 for United Way of Greater Houston.
- **EyeCan Alliance Volunteer** Guide for blind and visually-impaired athletes while training for and competing in triathlon and running events.

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## RECENT PUBLICATIONS & PRESENTATIONS

- Edited Ipieca's "Flaring Management Guidance for the Oil and Gas Industry" paper presented at the SPE Annual Technical Conference and Exhibition in Houston, Texas, USA, October 2022 (Paper Number: SPE-210484-MS).
- "Geothermal Energy: A New Role for Geoscience in the Global Energy Industry." Presented to Houston Geological Society's Environmental & Engineering committee, September, 2022.