

**EMILY OLSON, P.G.**  
**Senior Geologist**

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Responsibilities include providing a wide variety of geology and petrophysics to oil and gas companies, gas transmission companies, natural gas and liquids storage companies, banks, trusts and institutional investors.

**Education**

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Texas A&M University (USA) 2009 – Bachelor of Science in Geology  
Texas A&M University (USA) 2019 – Masters of Science in Geology

**Previous Positions**

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**Olson Geologic, LLC** Beeville, Texas, USA

[2017 – 2020]

Petroleum Geologist Analyze lease blocks for play extension and by-passed pay opportunities. Evaluate third-party prospect submittals and recommend participation. Appraise existing production for acquisition by investors. Perform risk analysis of new drill prospect and communicate risks to stakeholders. Calculate EUR of producing wells and perform decline curve analysis to create expected pay-out schedules. Apply Paradise machine-learning software to 3D seismic volumes to identify prospective stratigraphic traps.

**Dan A. Hughes Company, LP** Beeville, Texas USA

[2011 - 2017]

Petroleum Geologist Develop models of carbonate depositional environment. Integrate well logs, seismic data, core reports and historical scout tickets to create regional, sub-basin and field-level sub-surface maps on stratigraphic tops. Recommend drill locations to management and provide well prognoses. Drill exploration wells and integrate data into existing geologic models and 3D seismic. Oversee five well-site mudlogging and coring operations. Testify and provide geologic documentation for Alabama state hearings. Interpret key markers of stratigraphic tops. Map regional and field-level structure and thickness of formations. Analyze rig reports and directional surveys. Geosteer horizontal wells using Gamma Ray LWD.

**Professional Societies**

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Registered Professional Geologist (Texas No. 15124)  
Registered Professional Geologist (Louisiana No. 1436)  
Registered Professional Geologist (Wyoming No. PG-4264)  
Solution Mining Research Institute