

Thomas Hetherington Story
11 Thornhedge Ct., The Woodlands, TX
Cell: 662-801-1163
thstoryjr@gmail.com
www.LinkedIn.com/in/thstory/

Career Objective

Building a career in Geosciences in the Upstream Oil & Gas Industry. Master's research focused on petroleum exploration and production from Shale and Carbonate deposits. Capable of handling high-workload projects, having utilized extensive well log collections to map the oil window of the Tuscaloosa Marine Shale. Adaptable and capable working in collaborative environments. Able to quickly assess and solve complex problems. Possessing strong interpersonal and written communication skills. Wellsite experience in the Woodbine, Wolfcamp, Wilcox, Eagle Ford, and Austin Chalk formations of Texas. Currently contracted to Chemostrat as a Geological Technician.

Education

M.S. Dept. of Geology, University of Mississippi, Oxford, MS.
Concentration in Petroleum Geology. 3.80 GPA. 2015

Thesis: *Fluctuations in Resistivity in the Tuscaloosa Marine Shale; Southwest Mississippi and Southern Louisiana*

Passed ASBOG Fundamentals of Geology Exam

B.S. Geology, University of Mississippi, Oxford, MS. 2011

B.A. Political Science with Business Minor, University of Mississippi, Oxford, MS. 2005

Areas of Expertise

- | | | |
|--------------------------------|--|--------------------------|
| • Petroleum Geology | • Microscopy | • Quantitative Analysis |
| • Sedimentology & Stratigraphy | • Wireline Log Analysis and Interpretation | • Communications |
| • Geophysics | • Core Logging | • Graphic Design |
| • Mineralogy | • GIS | • Contract Negotiation |
| • Petrology | • Formation Mapping | • Mineral Title Research |
| | | • Public Speaking |

Technical Skills

Rockware Rockworks
Schlumberger Petrel
ESRI ArcMap GIS
IHS Kingdom
ERDAS Imagine Remote Sensing
Adobe Illustrator
Microsoft Office

Professional Memberships

American Association of Petroleum Geologists (AAPG)
Houston Geological Society (HGS)
Society of Exploration Geophysicists (SEG)
Society of Petroleum Engineers (SPE)
University of Mississippi Geological Society

Professional Experience

CHEMOSTRAT, Houston, TX

2017 – Present

Geological Technician

- Conducted wellsite and laboratory chemostratigraphic analysis of well cuttings and core to determine mineral provenance to increase drilling efficiency.
- Conducted in-depth core analysis including sedimentological interpretation.
- Experienced with Fourier Transform Infrared Spectroscopy (FTIR), X-Ray Fluorescence (XRF), X-Ray Diffraction (XRD), Leco TOC, Rock Density evaluations, and multiple other petrographic analytical techniques.
- Known for efficiently conducting precision preparations for high volume sampling.

PML EXPLORATION – EDGE SYSTEMS, Pinehurst, TX

2016 – Present

Wellsite Geologist – Night Unit Manager

- Collected, identified, and classified lithological samples obtained during the drilling of production wells.
- Analyzed geophysical logs for lithology identification.
- Monitored hydrocarbon gas using chromatograph equipment and identified oil and gas shows.
- Prepared daily reports and communicated effectively with geologists and drill crews regarding progress and quality of drill program.

MISSISSIPPI MINERAL RESOURCES INSTITUTE (MMRI), Oxford, MS **2013 – 2015**

Intern/Research Specialist

- Worked alongside *Goodrich Petroleum Corporation* conducting analysis of the Tuscaloosa Marine Shale oil producing target zone.
 - Conducted core analysis including X-Ray Diffraction, Thin Section Analysis, Tight Rock Analysis, and Rock-Eval Pyrolysis to determine causes of increased resistivity within the shale.
- Scanned, processed, and interpreted wireline logs from MMRI's Marvin Oxley and Julius Ridgway collections.
- Mapped the Tuscaloosa Formation trend through Southwestern Mississippi using 1,100 archival well logs, with a focus primarily on resistivity fluctuations of the target oil producing zone.
- Modeled formations using *Rockware Rockworks*, *Schlumberger Petrel*, and *ESRI ArcGIS*.
 - Modeled in both 2-D & 3-D.
 - Produced Structure maps, Isopach maps, Cross-sections, and Regional trends.

BORDER EXPLORATIONS, INC., Magnolia, AR

2007 - 2009

Petroleum Landman

- Identified and located owners of mineral rights.
- Executed “chasing heirs” to find the current living heirs of the original mineral owner that may not be recorded in courthouse records.
- Performed duties associated with negotiating oil and gas leases and property acquisitions. Created mineral ownership reports and run sheets.
- Discovered, assessed, and solved “jump” in chain of title due to mineral rights skipping an heir. Overlooked, this would have caused a major discretion in percentage ownership of current heirs