

Professional Profile

Geologist with 17 years of diverse industry experience focused in field development and exploration in the Gulf South region. Areas of experience include domestic and international trend and field evaluation, subsurface mapping, log evaluation, 2D/3D seismic, prospect generation, well-site operations and EOR projects.

Professional Experience

- **Senior Staff Geologist:** Tellus Operating Group, LLC. Ridgeland, MS (Private) 2010 - 2019
Lead staff geologist for the development of company assets totaling more than 4000 BOPD and 60 MMCFGPD
Additional key responsibilities included domestic exploration and international block and concession evaluations
 - **Baxterville** – Selma Chalk horizontal drilling program. 3D seismic proposal. Water-flood proposal
 - **Trenton** – 9 MMBO Cotton Valley discovery. 800 BOPD. Proposed PM development plan
 - **Hiwannee** – 100 Bcf Smackover discovery. Developed and sold to industry partner for \$37MM
 - **West Yellow Creek** – 120 MMBO CO2 EOR Project. Initiated phase I and II. Producing 2000 BOPD
 - **Raleigh** – 80 MMBO 3-Phase CO2 EOR Project. Currently in Phase II. Producing 450 BOPD
 - **Stampede** – 10 MMBO Cotton Valley discovery with CO2 pressure maintenance. Producing 500 BOPD
 - **Antioch** – Drilled successful Smackover “C” horizontal. Sold to industry partner for \$17MM
 - **Fordoche** – 20 MMBO 140 Bcf. Wilcox and Sparta. Evaluating L. Wilcox potential
 - **Montegut** – Faulted 3-way, up-thrown closure in Tex W Series. 3D developed Cris I prospectRegional and International Trend and Concession Evaluations
 - **MS/AL/FL** – U/LK Clastics. Cotton Valley. Smackover. Sunniland
 - **MS/LA Salt Basin** – Tuscaloosa Marine Shale & Austin Chalk “Stack Play”
 - **NLA/ARK** – Tuscaloosa. Cotton Valley. Smackover
 - **Black Warrior Basin** – Mississippian sandstones. Knox Ordovician carbonates
 - **Mexico** – Chicontepec. Tampico/Misantla. Golden Lane. Bid round field and block evaluations
 - **Columbia** – Magdalena and Llanos Basins - VSM3, VSM22 (3D seismic), LLA42 (3D seismic).
- **Project Manager:** FE Services, LLC. Houston, TX (PE backed Start-up) 2007 – 2010
Duties included managing a consulting project, shipping and logistics, operations and marketing
 - **Field Study** – Extensive 1-year consulting project for Columbia Gulf Pipeline
“Field Evaluations - Conversion to Natural Gas Storage : W. TN to S. LA”
Performed subsurface mapping and reservoir engineering for over 50 fields
Delivered detailed written report with recommended fields for further study
 - **Drilling Operations** – Chicontepec & Tampico/Misantla Basins, Poza Rica, Mexico
Managed the inventory and shipping process of 7 drilling rigs from Arkansas into Mexico
AGT1 300 well drilling program for PEMEX. Multi-laterals in Eocene stacked oil sands
Managed personnel, well-site operations, HSE, inventory and drilling rig budget
 - **Marketing** – Prepared international drilling & service tenders. Met with potential clients
- **Staff Geologist:** Raintree Energy, LLC. Brandon, MS (Private Start-up) 2007
Duties included the development and marketing of two (2) oil & gas projects
 - **Buckhorn Field EOR** – Detailed subsurface mapping and injection well planning
 - **Neal Shale Gas** – Generated trend and subsurface maps identifying shale sweet spots
- **Geologist:** Choctaw Geological Enterprises, Chocktaw, MS (MBCI Private Start-up) 2002 - 2007
Responsible for the development and marketing of in-house 2D supported oil & gas prospects
Conasauga Shale Gas Play – Big Canoe Creek Field discovery. Estimated 1 Tcf/section
Drilled 3 successful development wells and sold remaining 10% interest to Dominion E&P for \$12MM
Mississippian Sands – Generated and sold 2 seismic supported prospects and 2 re-entries for \$2MM
Made Abernathy gas discovery offsetting Reid Field and 1 successful re-entry in Clay Co. MS
Knox Gas Play – Generated and sold 1 seismic supported prospect in Calhoun Co. MS for \$500M

Geological Software Applications

- IHS Petra
- IHS Kingdom SMT
- IHS Production Explorer

Professional Education

- **Modern Carbonate Depositional Environments** June 9-15, 2013
Dr. Larry Baria
Andros Island, Bahamas
- **Enhanced Oil Recovery with Gas Injection** Sept. 17-21, 2012
PetroSkills - Dr. Russell T. Johns
Ridgeland, MS
- **Development Geology** May 21-25, 2012
PetroSkills - Andrew Harper
Covington, LA
- **Modern Clastic Depositional Environments** June 26 - July 3, 2011
Athena Technologies (Schlumberger) – Walter J. Sexton
South Carolina
- **Lower Smackover Symposium** March 24, 2011
Shreveport Geological Society, E. Heydari, R. Sassen, L. Baria
Shreveport, LA
- **Applied Subsurface Geological Mapping** July 11-16, 2010
Subsurface Consultants & Associates (SCA), Daniel Tearpock
Houston, TX
- **PETRA Intermediate Mapping Techniques** Oct, 2005
PTTC Eastern Gulf Region, Jewel Wellborn
Raymond, MS
- **Unconventional Gas Plays** March, 2005
Schlumberger Solutions Group
Choctaw, MS
- **Miocene of Mississippi and Alabama** Oct, 2004
PTTC Eastern Gulf Region
Jackson, MS.
- **Stratigraphy of the Helena thrust sheet and Coosa deformed belt** Dec. 5-6, 2003
Alabama Geological Society Field Trip
St. Clair Co, AL
- **Introduction to PETRA** Dec 3-5, 2002
GeoPlus Corp
Tulsa, OK

Education & Affiliations

- **Mississippi State University:** Starkville, MS
M.Sc. Geology. 2011 *Adjunct Advisor: Dr. Jack C. Pashin
Thesis - Stratigraphic Architecture of the Floyd (Neal) Shale in the Black Warrior Basin of Alabama and Mississippi: Implications for Regional Exploration Potential
- **Mississippi State University:** Starkville, MS
B.Sc. Geosciences. 2002
- **Mississippi Geological Society**
Officer (Editor) and member since 2002

Professional References

- **Brian Sims** – Geological Manager
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