



## ***Analysis Done Right, On Time***

Oilfield Labs of America  
3302 Pilot Ave  
Midland, Texas. 79706  
855-645-5221

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### **About Us**

Oilfield Labs of America (“OLA”) is a commercial analytical laboratory specializing in methods and techniques designed specifically for needs in the oilfield. With over 80 years combined laboratory experience, and over 100 years of combined experience in oilfield related endeavors, OLA is unmatched in providing the most value added service in the commercial laboratory business.

Our mission at OLA is to become the most trusted third-party laboratory network in the oil and gas industry by:

- Providing our customers with the highest quality analytical testing,
- Having the fastest, most dependable sample turn-around times,
- And being the most trusted data source throughout the industry.

### **Our Team**

#### **Ben Wilhite**

##### **President and COO**

B.A. Business Administration, 2000, Baylor University

17 years business experience, including 9 years in asset management business for New York based firms, and for over 8 years has been involved in several management and sales roles in the oil and gas industry.

#### **Robert Mitchell**

##### **Chief Technology Officer**

B.S. Chemistry, Minor Biology, 1994 Old Dominion University

Over 20 years of experience in O&G as well as offshore experience.

Expertise in production and “frac” chemical optimization.

Technical Services manager for BJ/Baker Hughes North Texas.

Data interpretation and chemistry application specialist.



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### **Richard W. Self Jr.**

#### **Vice President of Operations**

B.S. Chemistry 1992 Sam Houston State University

Over 30 years of experience in analytical chemistry and laboratory management

Expertise in all areas of laboratory operations including;

- Spectroscopy including optical and x-ray sources
- Wet Chemistry
- Oilfield related chemistries and methodologies
- High sample throughput operations and database management

### **Brendan Morris**

#### **Business Development Manager**

B.A. Government, 2000, University of Texas at Austin

17+ years with experience as a corporate sales professional, and over

14 years serving the Oil and Gas industry in various executive roles

### **Elizabeth Myers**

#### **Technician II**

B.A. English, minor in Biology 2009, University of Texas Permian Basin

Over 6 years in oilfield laboratory experience

### **Adrienne Crain**

#### **Technician I**

Associate of Science in Natural Sciences, 1991

25 + years of experience in oil and oilfield related laboratory analyses

### **Hunter Green**

#### **Technician I – Solids Specialist**

B.S. Geology, 2013, Fort Hays State University,

M.S. Geosciences Education, 2016, Wayland Baptist University

Over 2 years in oilfield laboratory experience



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### **Laboratory Services**

OLA does not sell chemicals and never will. We wish to not only provide our customers with the most trusted data possible, but to also provide a comprehensive consulting service. This process will generate value beyond simply providing laboratory data. The consulting and product selection/ product performance arm of OLA works closely with customers to:

- Select the correct product for the application
- Determine the correct MEC necessary for the top performance of that product
- Competently interpret laboratory data associate with those products,
- Identify potential production failures before they occur and get out of hand,
- Optimize their chemical programs on wells that **aren't** showing signs of trouble.

**This service starts with state-of-the-art instrumentation and industry trusted methods**

### **Analytical Testing**

- Complete Water Analysis including;
  - ICP analysis for metals
  - Chloride analysis
  - Sulfate analysis
  - Acid Gasses (if necessary)
  - Scale Prediction over custom temperature and pressure ranges
- Metals Analysis in aqueous solutions by ICP of up to 24 elements
- Metals Analysis in organic solutions by ICP (upon request)
- Phosphate Residuals by ICP
- Computer Aided titrations for
  - Chlorides
  - pH and alkalinity
  - sulfate
- Amine Residuals
- Millipore Analysis (Total Dissolved Solids by Membrane Filtration)
- Total Oil and Grease Analysis by IR (TPH -Total Petroleum Hydrocarbons upon request)
- Solids Analysis using X-Ray Diffraction and ICP



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- Complete Oil Testing
  - Cloud Point by cross polarization microscopy
  - Pour Point by automated tilt cup
  - % Paraffin's, % Asphaltene's, and % solids by wet chemistry
  - API Gravity by density meter
- Carbon Chain Distribution by GC (C10-C60)
- Corrosion Coupons, (Weight Loss)
- Scale Coupons, (Weight Gain)
- Turbidity
- Conductivity/Resistivity
- Bacteria analysis by ATP
- Bacteria analysis by Serial Dilution Bug Bottle

### **Product Selection /Product Performance Testing**

- Cold Finger apparatus for
  - Product selection/ Product Performance studies with oils that contain high levels of paraffin
- Dynamic Tube Blocker
  - Product selection/ Product Performance studies on waters to determine the scaling tendency and to select the correct product for that particular water source
- Corrosion Studies via wheel test