

ELLIOTT B. BLACK, IV

56 Audubon Blvd. • New Orleans, LA 70118 • 225.802.1310 C • 225.346.4700 W • eblack4@yahoo.com

RESERVOIR ENGINEER & PRODUCTION ENGINEER *Licensed Professional Engineer Specializing in the Oil and Gas Industry*

Skilled engineer with over eight years experience in working with geologist and geological data to locate reserves of oil and natural gas; analyzing the amount of hydrocarbons in reserve and the duration of reserve viability; monitoring the drilling and workover/ recompletion process to make continuous adjustments; and researching and designing equipment and processes for production, maintenance and repair.

Project Highlights

- **WD 84 Field, 2012 – Workover/ Recompletion and Production**
 - Field engineer and project manager during coiled tubing procedures.
 - Production engineer and project manager of safety production shut down devices.
 - Project manager during both oil and gas sales line repairs.
 - Design engineer for re-work of numerous shut-in wells. Includes downhole work, surface facilities and flowlines.
- **Kraemer Field, 2010 – Recompletion of Gas Well**
 - Goal of project was to set a cement plug above lower zone, test the plug, and perforate the upper zone.
 - Calculated required fluid levels and pressure at wellhead necessary to create net pressure at plug for integrity test.
 - Calculated required well pressure that would create specified under-balanced environment during perforation.
 - Served as company representative during implementation process.
 - Communicated with wire line crew to ensure timely implementation according to specifications.
- **Iberia Field, 2008 – Artificial Lift on Oil Well**
 - Objective of project was to design and implement artificial lift mechanism to allow production of oil.
 - Partnered with pump vendors and my immediate superior to design pump system.
 - Worked with company representative during installation of pump system.
 - Ensured compliance with plan specifications through close communication with rig crew.
- **Iberia Field, 2007 – Completion of Oil Well in South Louisiana**
 - Objective of project was to perform thru drill pipe completion on oil well.
 - Assisted operator's company man during completion operations; reported daily progress of project to clients.
- **Erath Field, 2006 – Reservoir Study in South Louisiana**
 - Goal of project was to estimate reservoir volumes in the gas field.
 - Identified pay zones from well logs; used the contour map and net sand information to create net pay isopach map.
 - Used planimeter to estimate isopach areas; used area estimates and pyramidal equation to estimate bulk volume of production zone.

Professional Experience

KIMBRELL AND ASSOCIATES, LLC—Baton Rouge, LA, 2005 – Present
(Registered Professional Petroleum Engineering and Geological Consulting Firm)

Registered Professional Petroleum Engineer

Gained multidisciplinary experience in both reservoir and production engineering. Managed all aspects of project from start to finish including supervision of up to 10 personnel. Developed action plans to maximize efficiency of production machinery, organized daily work flow, and developed process improvements. Established and maintained favorable relationships with clients; continuously met with clients to update them on progress of the project and to explain technical information. Currently managing workover and production operations in WD 84 field.

- Researched and designed navaid lighting for several offshore wellheads, including research of Coast Guard regulations—achieved a lighting system that was durable, easy to mount, and met visibility requirements.
- Offshore production platform repairs—assessed hurricane damages to production platform and partnered with immediate superior to design procedures to repair the damage.

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- Nodal analysis of gas well—analyzed different flow rates and tubing pressures and used nodal analysis to determine theoretical optimal flow rate.

ENERGY PARTNERS LIMITED—New Orleans, LA, 2005 (3 mos)

Reservoir Engineer (Intern)

Based upon my experience with Kimbrell and Associates, was hired to assist with reservoir study in the Lapeyrouse field. Reviewed EPL well files and collected data.

- Utilized historical production data to help find perm barriers that were not present in seismic interpretations of geology.

KIMBRELL AND ASSOCIATES, LLC—Baton Rouge, LA, 2004 – 2005

Reservoir Engineer (Intern)

Conducted a reservoir study the in Lapeyrouse field to estimate the remaining recoverable reserves.

- Created net pay isopach maps and collected historical data for my volumetric calculations to estimate recoverable reserves. Used historical production data to evaluate reservoir drive.

	Education & Licensure	
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Bachelor of Science in Engineering – Petroleum Engineer, 2006
Louisiana State University, Baton Rouge, LA
(An ABET accredited program)

License

Licensed Professional Engineer, State of Louisiana, License No. 36723

	Computer Skills	
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Proficient in Microsoft Office Suite (MS Word, Excel, Outlook, PowerPoint, and some Access), MS Project