



Larry S. Ball
Fluids Specialist / Supervisor

Date of Birth: 9 May, 1951
Nationality: USA
Education: Industry experience

QUALIFICATIONS AND EXPERTISE:

- Background as a mud engineer in various fluid systems including:
 - Synthetic and oil based mud
 - Dispersed water base systems
 - Non dispersed and polymer mud systems
 - Drill In Fluids
 - Completion Brines
 - HTHP water base systems
- Knowledge of various solids control, cuttings re-injection, and filtration systems
- Excellent background in maintenance of fluid systems and drilling fluids equipment
- Responsible for total fluids management, supervision, and technical expertise

2 years with DMI as a fluids supervisor on operations that requires extremely close supervision in difficult operating environments. The fluids supervisor manages a large portion of the day to day operations, including drilling and completion fluids, solids control, filtration, logistics, material procurement and storage, cleaning systems, etc..

DMI considers the management of the drilling and completion fluids as a vital role in obtaining high performance operations.

RECENT ACHIEVEMENTS AND CAREER HIGHLIGHTS:

A member of the DMI team for Roc Oil Bohai China for the last 2 years.

- Responsible for all aspects of fluids management, supervision, and technical expertise.
- Managed the fabrication and installation of various solids control and pit upgrades on the rig
- Reduced product costs by initiating direct purchase from suppliers rather than mud companies
- Roc Oil Bohai China drilling teams have achieved the best performance relative to cost per meter and meters per day for normal development operations in Asia and throughout the world.

Over 28 years experience as a drilling fluids engineer, coordinator, and technical specialist. Worked in multiple countries, onshore and offshore, using many different fluids systems.

EXPERIENCE SUMMARY: 26 years total experience

<u>Position</u>	<u>Years</u>	<u>Company and/or Clients</u>
Fluids Supervisor	2	DMI Roc Oil Bohai China
Fluids Engineer	26	Various Mud Companies –The last 18 years having been spent mainly in South East, Central and western parts of Asia.