



Jack Forster
Fluids Specialist / Supervisor

Date of Birth: 11 November 1948
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
- Knowledge of various solids control, cuttings re-injection, and filtration systems
- Excellent background in construction of mud pits, fluid systems, and liquid mud plants
- Responsible for total fluids management, supervision, and technical expertise
- Currently hold two US patents in Drilling Fluids from work as Chemist for Phillips Petroleum
- Member Committee 13B, Drilling fluids API

8 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 Murphy Malaysia in 2004 thru 2007 and Apache China in 2003 that achieved excellent results:

- 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
- Both the Murphy Malaysia and Apache China drilling teams have achieved the best performance relative to cost per meter and meters per day for normal development operations in Asia and within all of Murphy and Apache

Over 34 years of experience as a drilling fluids engineer, coordinator, and technical specialist. Worked in multiple countries, onshore and offshore, using many different fluids systems.

EXPERIENCE SUMMARY: 34 years total experience

<u>Position</u>	<u>Years</u>	<u>Company and/or Clients</u>
Fluids Supervisor	8	DMI – Forest Oil, Apache, Murphy, GFI
Fluids Engineer	26	Phillips research, Tenneco oil – primarily the US Gulf Coast and South America on land, Offshore