

SIGNIFICANT FEATURES OF THE ROBERT F. BAUER DRILLSHIP

- Constructed to fully meet the U.S. Coast Guard requirements.
- Designed to meet ABS classifications ✕ A1 ✕ AMS.
- Large variable load in excess of 7,000 short tons.
- Piping system arranged to permit multiple use of pumps wherever practical. Virtually all systems are redundant.
- Extensive use of pneumatic control in lieu of hydraulics, thereby reducing maintenance problems associated with hydraulics.
- Liberal use of stainless steel and zincless bronze in pumps and other applications subjected to corrosion.
- BOP handling system that allows moving the BOP from the transport position to the moonpool while fully unitized.
- Propulsion system of 9,600 total hp which permits transit speeds of approximately 14 knots.
- Modern air-conditioned accommodations for 99 men including a 4-man hospital.
- Self-contained deepwater 8-point conventional chain/wire mooring system, allowing for operation in water depths up to 2,500 feet. (Up to 3,000 feet under certain conditions).
- Cement recirculating/liquid additive system, allowing for controlled cementing operations.
- Three cranes located to optimize deck coverage.
- 18¾" 10,000 psi guidelineless BOP with 15,000 psi BOP control system. (Can be supplied with 15,000 psi BOP).
- Longitudinal framing requiring less steel while increasing the cargo capacity, allows for extended operations in remote areas.
- Large bilge keel extension providing better roll characteristics.
- Automated mud system providing for accurate control of mud weight.
- Fresh water cooling of all auxiliary equipment (eliminating problems associated with seawater cooling).
- Horizontal automatic pipe handling system, which allows for drill pipe storage in triples in excess of 23,000 feet.
- 2,100 kw low RPM diesel electric power plant with SCR system for propulsion and drilling operations.
- Large drilling package:
 - 3,000 hp drawworks
 - 650 traveling block and hook
 - Derrick rated at 1,300,000 lbs.
 - Two 1600 hp mud pumps