ID CEM - HYBRID
DUMP BAILER

- No explosives required
- Reliable dumps up to 75º deviation
- Multiple tubes on one actuator
- Quick turnaround
- Field proven



The Hybrid PDB systems are a hybrid combination of the best features of conventional PDB systems and gravity bailer systems.

Dump Bailer Actuators (DBAs) are the driving force of PDB Systems. Hybrid PDB Systems are more powerful, easier to use, and have shorter turn-around times than any other PDB Systems.

HybridDBAs impose high shear gradients in the cement slurry and accelerate the entire slurry column to high velocities and impart slurry column momentum that assures slurry placement at the desired service depth.

The Hybrid PDB Systems are actuated by the application of DC power sent down the WL or from a downhole slickline power supply. Actuation requires Vdc @ 300-350 milliamps.
Standard and HPHT Service Models are available for sweet and sour service conditions

Operation.
When running the actuator in the well, the striking piston is held in place and the cement is pumped into the bailer tubes. Once the operator powers the tool, the piston is released and impacts the slurry, this causes the bottom shear-out valve to open and releases the cement carrying the momentum from the piston.

Sizes:
- 1.75” Actuator
- 2.5” Actuator
- Bailer tubes from 1.375” up to 3.5”