

DB-1-WLP Blanking Plug

The DB-1-WLP blanking plug is attached to a DB-series lock and landed in a DB landing nipple to hold applied tubing pressure above and formation pressure below the plug. This plug may be pulled in only one slickline trip.

APPLICATION

- Flow-control device in single or dual completions

BENEFIT

- Conversion to standing valve or circulating plug

FEATURES

- One trip to install
- One trip to equalize and retrieve
- Internal melon design
- Integral equalizing device
- Long sump nose
- Materials to match various well environments

DESCRIPTION AND OPERATION

Depending on the pressure rating of the attached lock, DB-1-WLP blanking plugs can be used for pressures to 10,000 psi (68,950 kPa). DB-1-WLP blanking plugs are constructed of special alloys which allow prolonged installation in the well and are available with either standard seals or optional high-temperature seals for operations in environments above 300°F (149°C). Conversion kits are available to convert the DB-1-WLP blanking plug to either a standing valve or a circulating plug by simply changing the nose piece. The DB-1-WLP, which has an integral equalizing sleeve, requires one slickline trip for installation and one slickline trip for equalization and retrieval.

The DB-1-WLP blanking plug with attached DB-series lock is landed in a DB landing nipple to hold pressure in the tubing string from above and below the plug. This plug can be used to apply pressure in the tubing above the plug, isolate formation pressure below the plug, form a temporary plug below a hydraulically set packer for packer setting, and convert a packer to either a temporary or a permanent casing bridge plug. When the DB-1-WLP blanking plug is converted to a standing valve, it holds pressure from above and allows flow from below. When it is converted to a circulating plug, it holds pressure from below and allows flow from above.

DB-1-WLP Blanking Plug Specifications

Plug OD [†] (in. [mm])	Lock Compatibility
3.000 [76.2]	DB-6, DB-6M, DB-HP
3.062 [77.8]	

[†] Other sizes are available on request. Contact your local Schlumberger representative.

