



# *Hydraulic-Release Hookup Nipple Circulating Gravel-Pack System*

Weatherford's hydraulic-release hookup nipple (HUN) circulating gravel-pack system provides cost-effective and straightforward sand control in most oil and gas wells.

The HUN system uses Weatherford's robust, field-tested heavy-duty (HD) service packer, equipped with a gravel-pack kit, for the pumping phase of the sand-control operation. After the gravel-pack is retrieved, the service packer and the gravel-pack kit are retrieved. The production tubing is then installed with a HUN overshot placed beneath one of Weatherford's production packers. The overshot establishes flow-stream integrity with the well screens, while the packer provides full-bore access through the tubing to the reservoir, isolating the upper casing annulus from well pressure and effluents.

## *Applications*

The time-tested HUN system is best suited to relatively straight wells but can also be used in the following applications:

- Pre-gravel-pack reservoir stimulation
- Circulating slurry or water packs
- Cost-sensitive wells or developments
- Vertical and slightly deviated wells
- Flowing or artificial well lifts
- Production or injection wells

## *Features, Advantages and Benefits*

- The system is simple to operate and rig friendly, lowering completion costs and saving time by eliminating the need for special equipment or complex downhole operations.
- The hydraulic release mechanism eliminates the need to rotate the work string to release the hookup nipple and screen assembly, increasing the chance for successful deployment.
- The HUN circulating gravel-pack system is designed to allow circulation to the bottom of the screen with returns to the annulus, ensuring even sand placement for a higher-quality pack.
- Integral fluid and pressure bypass in the packers saves time by creating a circulating path without having to unset the packer.
- The HUN system lowers overall operator costs because the equipment can be redeployed in other wells.
- Available in virtually any casing size, the HUN circulating gravel-pack system is compatible with a wide range of Weatherford products.

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### *Operating Sequence*





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### *Specifications*

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Threads	Circulating HUN Kit		Overshot*	Nipple*
	Part Number	Ball Check Sub		
2-3/8 EUE 8rd	763965	1295741	951224	951588
2-7/8 EUE 8rd	764940	1295796	951229	951594
3-1/2 EUE 8rd	764940	NA	951234	951598

\*Made of carbon steel (WS110)