The MN-DS* multibowl nested-diverter snap-ring wellhead system is a compact time-saving system designed specifically for shale play applications. This system can be configured with or without an intermediate casing string, depending on formation requirements. Its design allows for the installation of the wellhead and all subsequent strings through the diverter riser or BOP, providing considerable cost and time savings. The production casing or tubing hanger is nested within the lower casing packoff, allowing the whole system to easily fit under most drilling rigs.

**APPLICATIONS**
Unconventional land operations

**BENEFITS**
- Save rig time by bolstering well integrity in shale and expediting rig skidding
- Achieve a higher degree of safety and well integrity
- Ensure that casing reaches TD
- Increase production uptime by minimizing time spent waiting on cement and performing workovers

**FEATURES**
- Spin-on flange design that allows the wellhead to be run through a diverter riser without requiring special tubing head or tree adapters
- Internally locked-down hangers with positive engagement to eliminate penetrations from lock screws in the housing, offering a higher degree of safety
- Nested internally locked upper hanger that reduces the overall height of the system for easier use with skidded rigs
- Production casing hanger that can be plugged using either a threaded or latch-type backpressure valve, depending on the planned drilling operations
- Retrievable packoffs that seal each contained annular and meet NACE requirements
- Robust studded-configuration upper and lower housing outlets
- Common internal components and running tools
- Availability in 13¾-in size and 5,000- or 10,000-psi pressure rating