

WDC is proud to provide the safest, newest, largest, most efficient, versatile sonic drill rigs the industry has to offer. These rigs were custom designed for WDC and fabricated by Gus Pech with industry leading Diedrich drill heads.

Every facet of design is geared toward providing you the absolute best in capability while establishing a new industry standard.

Safety Always™

- *Integration of work space between the drill rig and the rig tender.*
- *Crane mounted on the rig tender for pipe loading, minimizing handling of drill pipe and core barrels.*
- *Color coded pinch points.*
- *Innovative operator and crew safety features.*
- *Safety shutdowns.*
- *Hydraulic rod spinner.*
- *Integrated deck-mounted grout mixer.*

Newest

- The drill rig, rig tender, support truck, trailers, forklift, steam cleaner, grouting system, and tooling are all 2005 or newer.
- These rigs are not adapted from another drill platform or shop built from used rigs like our competitors. They were built for sonic drill operations from the ground up.

Largest

- This is the only rig and sonic head combination in its class with a 35,000# pullback capacity. No other sonic rig in the industry has this capability.



core bit



core extraction



core sample

Most Efficient

- Highest rated sonic output from the Diedrich head.
- 20' stroke for faster rod trips and longer core runs.
- Deck mounted 1000' PSI/35 GPM injection pump.
- Hydraulic rod spinner for faster tool make-up and break-out.
- Multiple winches for handling pipe.
- Steam cleaner mounted on the rig tender for decontamination of tooling.
- Crane mounted on the rig tender for efficient handling of drill pipe and core barrels.

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Versatility

- Angle drilling
- Continuous sonic coring – 4" to 8" diameter
- 10" diameter cased boring capability
- Air and mud rotary
- Sampling
 - Wireline drive sampling
 - WDC SonicPoint depth discreet sampling
 - Simulprobe, Hydropunch and BAT
- Well Installations
 - Monitoring Wells – single, multiple and cluster
 - Barcad Multi-level Well Installation
 - Westbay Multi-port Well Installation
 - CMT Well Installations
 - Cased Boring/Sealed Aquifer Well Installation
 - Telescoping Temporary Conductor Casing Installation



Gus Pech 400RS

Crew Truck

Rig Tender



loading pipe



using the crane



operating controls