

The diagram illustrates a wellhead assembly with the following components and flow paths:

- FROM DRILLING FLUID PUMP:** The flow enters from the bottom left through a **2" NOMINAL** pipe.
- CHECK VALVE (OPTIONAL):** Located at the entry point, with a pressure gauge connected to its side.
- DRILLING SPOOL:** The flow continues through a spool containing a **2" NOMINAL** valve.
- PIPE RAMS:** The flow passes through a set of pipe rams.
- BLIND RAMS:** The flow passes through a set of blind rams.
- ANNULAR PREVENTER:** The flow passes through an annular preventer.
- FILL-UP LINE:** A line on the left side of the annular preventer, labeled **FILL-UP LINE**.
- ADJUSTABLE CHOKE:** The flow continues through an adjustable choke.
- TO PIT AND/OR MUD/GAS SEPARATOR:** The flow exits to the right through a **2" NOMINAL** pipe.
- SEQUENCE VALVE (OPTIONAL):** An optional sequence valve is located between the adjustable choke and the exit pipe.
- REMOTE OPERATED VALVE:** A remotely operated valve is located between the sequence valve and the exit pipe.
- TO PIT AND/OR MUD/GAS SEPARATOR:** The flow exits to the right through a **2" NOMINAL** pipe.
- BLEED LINE:** A bleed line is connected to the right side of the wellhead assembly, labeled **BLEED LINE** and **TO PIT**.
- TO PIT AND/OR MUD/GAS SEPARATOR:** The flow exits to the right through a **2" NOMINAL** pipe.
- REMOTE OPERATED OR ADJUSTABLE CHOKE:** An optional remotely operated or adjustable choke is located at the exit point.

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