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MagneTight™ Flow System

FEATURES:

- All-Stainless Steel Cylinders and Flow Line Unit
- Pressure gauges on each side of magnet cylinders, air & pressure relief valves & visual sight glass on each
- Removes Metal, Metal Particles, and Iron Oxides with polarity from Completion Fluids before Filter Press

OPERATION & PROCEDURES:

- Connect 4" fluid hoses to **In-Flow** and **Out-Flow** 4" Cam Lock or 4" FIG 100 Union connections
- Close **By-Pass** valve and open flow valves on each side of cylinders with Safety-Kwik® Ditch Magnets
- Close both **Drain-Line** valves from cylinders and open pump by-pass valve until need to clean magnets
- Initiate COMPLETION fluid flow through MagneTight™ unit to D.E. Filter Press
- **By-Pass** is **SAFETY** feature to be used for any emergency, if *excessive pressure* rises in cylinder sections

CHECK & CLEAN MAGNETS: **CHECK REGULARLY & OFTEN**

- Close **In-Flow** valve in **Top** cylinder section and then close 2nd valve on **Out-flow** side of **Top** cylinders
- Open **Drain-Line** valve for **Top** cylinders allowing fluid drain off and observe before bleeding off pressure
- Open **Top** cylinders carefully after fluid bleed off is complete and pull safety cleaning device to you to end
- Catch metal particles and iron oxide residue for disposal or research in appropriate container provided
- Close **Drain-Line** and **Safety-Kwik® Ditch Magnet** cylinder, tighten seal knobs, open valves, & flow fluids
- **REPEAT** same procedure for 2nd lower cylinder section for **CHECKING & CLEANING** of magnets
- Initially, *Check & Clean* Safety-Kwik® Ditch Magnets hourly and metal accumulation will determine if more or less time between checking/cleaning is necessary until a standard can be established per well