SlidePro MAX (2,000 kPa) vs Competitor Ball Drop (2,000 kPa)

Well Setup: 200 mm vertical-build. 159 mm horizontal. 4” DP.

1. Compared slide drilling hook loads on two adjacent wells on the same pad
   - 103/7-26 provost W4M using Competitor Friction Breaking ball drop tool (2,000 kPa)
   - 102/2-26-provost W4M using SlidePro MAX Low Pressure (2,000 kPa)
2. Same amount of HWDP and placement on both wells
3. Downloaded 10 second data from Pason along horizontal section
4. Filtered data to show Slide Drilling Hook Loads
   - ROP > 1 m/hr data only shown
   - RPM < 5 revs per min only shown
5. Results
   - Hook load slide drilling at 2,200 m MD using Impulse vibe tool = 7,500 daN
   - Hook load slide drilling at 2,200 m MD using SlidePro MAX low pressure = 12,000 daN.
   - SlidePro broke 4,500 daN MORE friction slide drilling. Equivalent to 321 m of 4” drill pipe drag along horizontal section.

SlidePro MAX (2,000 kPa) vs Competitor Ball Drop (2,000 kPa)

Monobore Well Design

200 mm Vertical – Build

159 mm Horizontal

Water Based Mud

4” DP and 4” HWDP

Heel 960 m MD

TD 2,400 m MD

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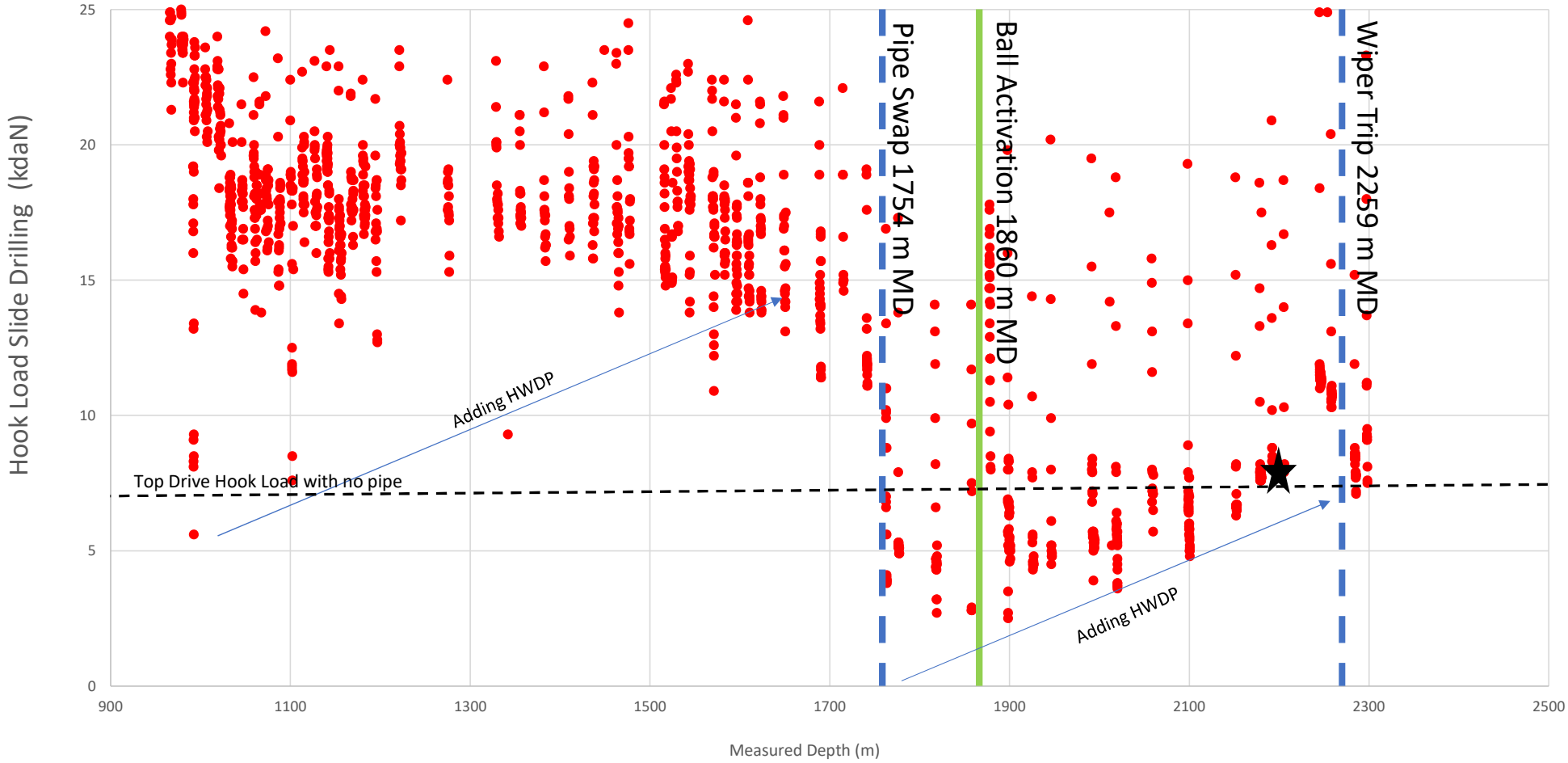
Slide Drilling Hook Load – Same Pad Competitor Ball Drop Activated



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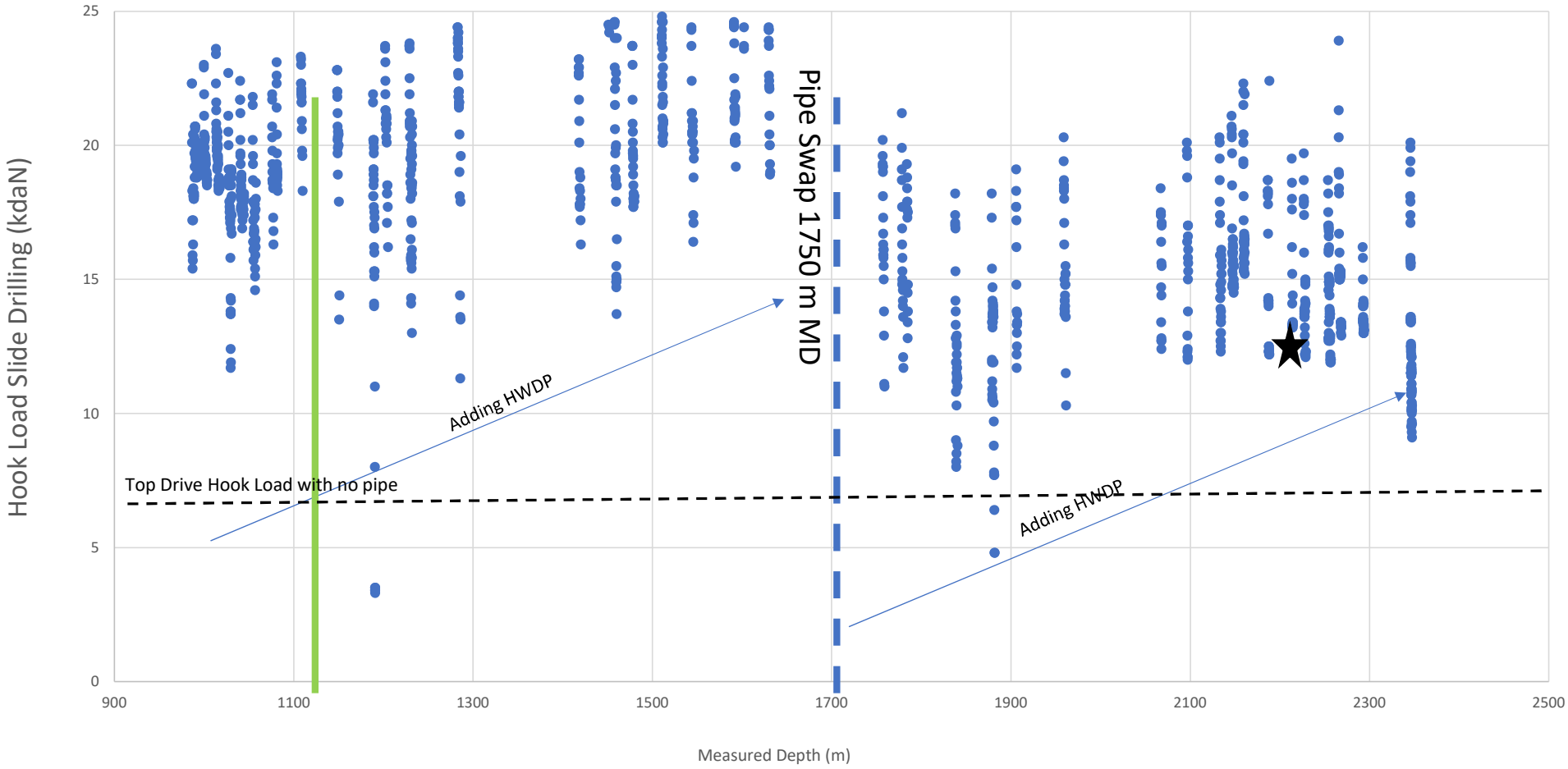
Slide Drilling Hook Load – Same Pad SlidePro MAX Low Pressure



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Overlayed – SlidePro MAX vs Competitor Ball Drop Vibe Tool