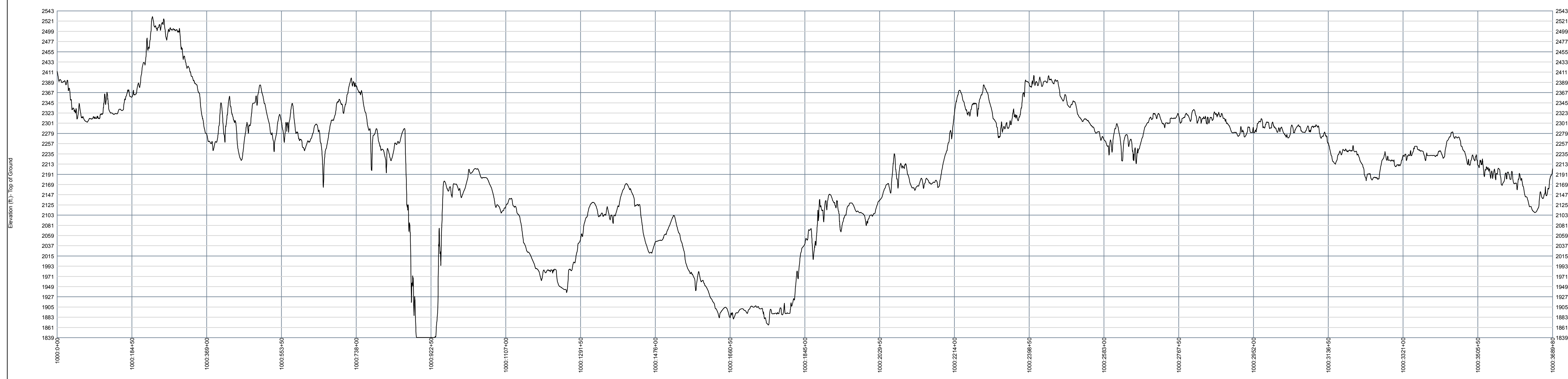
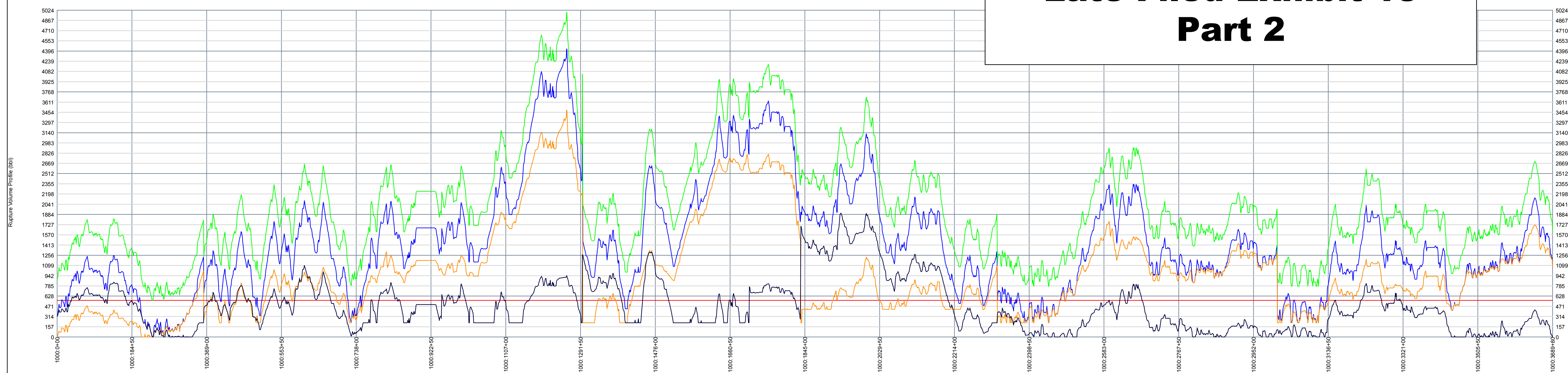


# Late-Filed Exhibit 13

## Part 2

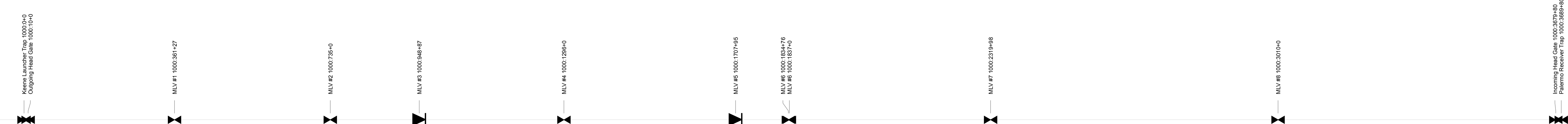


Full Flow Volume  
 Drain Down Volume  
 Total Volume  
 Upstream Drain Down Volume  
 Downstream Drain Down Volume

Elevation

Valves

Analysis Parameters




Line Name: 1000  
 Media: P66-Sacagawea  
 Specific Gravity: 0.82  
 Flow Direction: ▶

Flow Rates: 5200 bph (1000, 1000:0+0 - 1000, 1000:3689+80)  
 Highest-Volume Release Point:  
 Location: Route 1000, 1000:1257+0  
 Full Flow Volume: 563.33 bbl  
 Drain Down Volume: 4431.11 bbl  
 Total Volume: 4994.45 bbl

Elevation Source: Draped





- ✕ - Isolation Valve
- ⊗ - Non-Isolation Valve
- ▶ - Check Valve

**P66**  
 Rupture Volume Profile  
 Analysis Date: 5/19/2015 11:57:32 AM

PHILLIPS 66 PIPELINE LLC 

## North Dakota Sacagawea Pipeline

### Legend

-  Check Valve
-  Manual BV
-  Motor Operated BV
-  Sacawagea\_Proposed

