

V3 Valves

Marcellus/Utica Shale Case Study

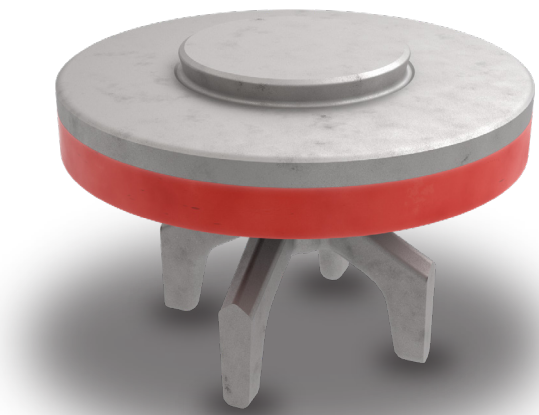


WE BUILD CONFIDENCE

FIELD TEST CONDITIONS

SIZE

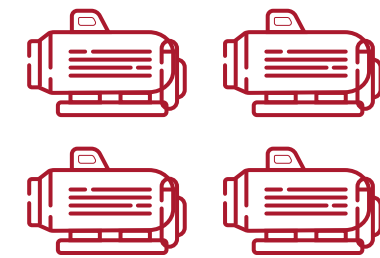
P-5



NUMBER OF PUMPS

4

Standard Quintuplex Pumps



LOCATION

**MARCELLUS/
UTICA**



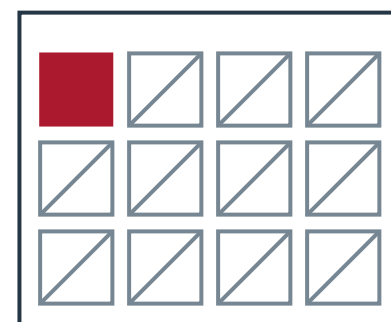
AVERAGE OPERATING PRESSURE

**12,000
PSI**



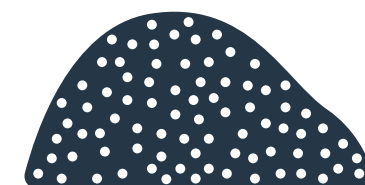
TIMELINE

1 MONTH



SAND

40/70 MESH



PRODUCED WATER

NO

FRICITION REDUCER

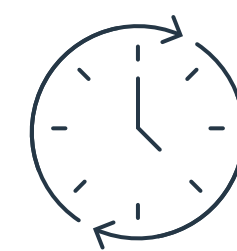
NO

PERFORMANCE

INCREASED PERFORMANCE

**21% OVER LEADING
COMPETITOR**

FIELD DATA AVERAGES



**107
HOURS**



**54
STAGES**

FIELD DATA

