

# HighFlow Valve

Anadarko Brown 13N-26HZ



## The Problem

Anadarko's Brown 13N-26HZ well was experiencing inconsistent production performance and frequent pump service events. Conventional pump configurations were not delivering expected fluid production, and the well experienced repeated pulls related to tubing leaks, rod parts, and component wear.

## Solution

The well was converted to Eagle HighFlow cages in June 2015. Following installation, fluid production increased by up to 30%.

Based on field performance, Anadarko and the local pump shop standardized a 2 x 1 1/4 x 20 x 24 RHAC pump design utilizing Eagle HighFlow cages and a 6' plunger configuration for continued operations.

## Job Postmortem

Eagle HighFlow cages remained in service through multiple pump rebuilds and continued operating effectively over several years of production.

During a pump inspection in July 2021, major wear was identified throughout the pump assembly, including pitted barrels, worn rod guides, scored balls and seats, and an egg-shaped plunger. Despite the overall pump wear, the Eagle HighFlow cages remained in like-new condition and were installed into the rebuilt pump.

Since standardization in 2017, **Eagle HighFlow cages have consistently remained part of Anadarko's pump design.** According to field observations, cage replacements have been rare and are typically only required due to thread galling caused by scale or formation fines.



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