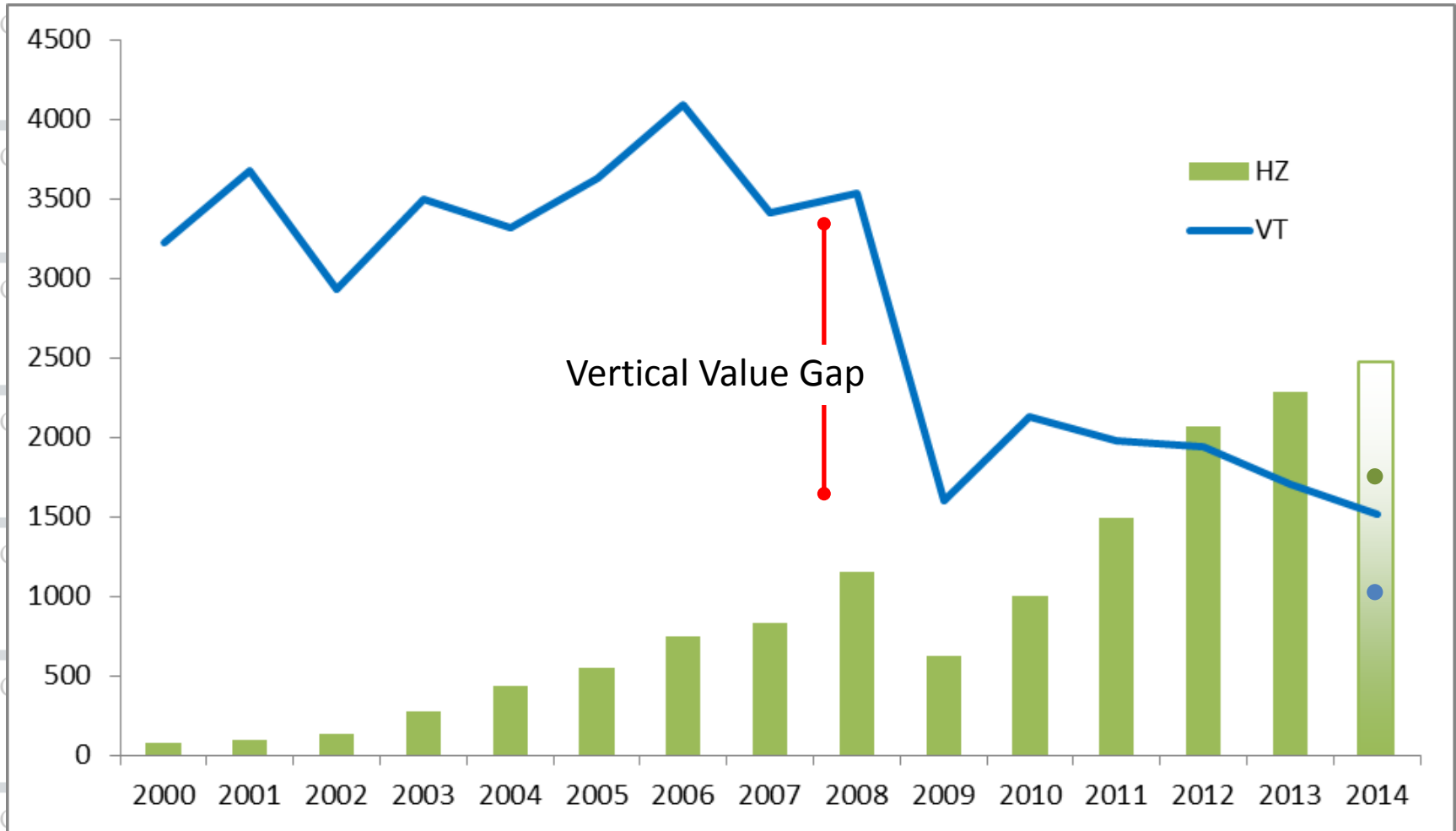


Drilling Statistics from Oklahoma and
Osage County
Prepared for Susan Forman and the
Osage Minerals Council



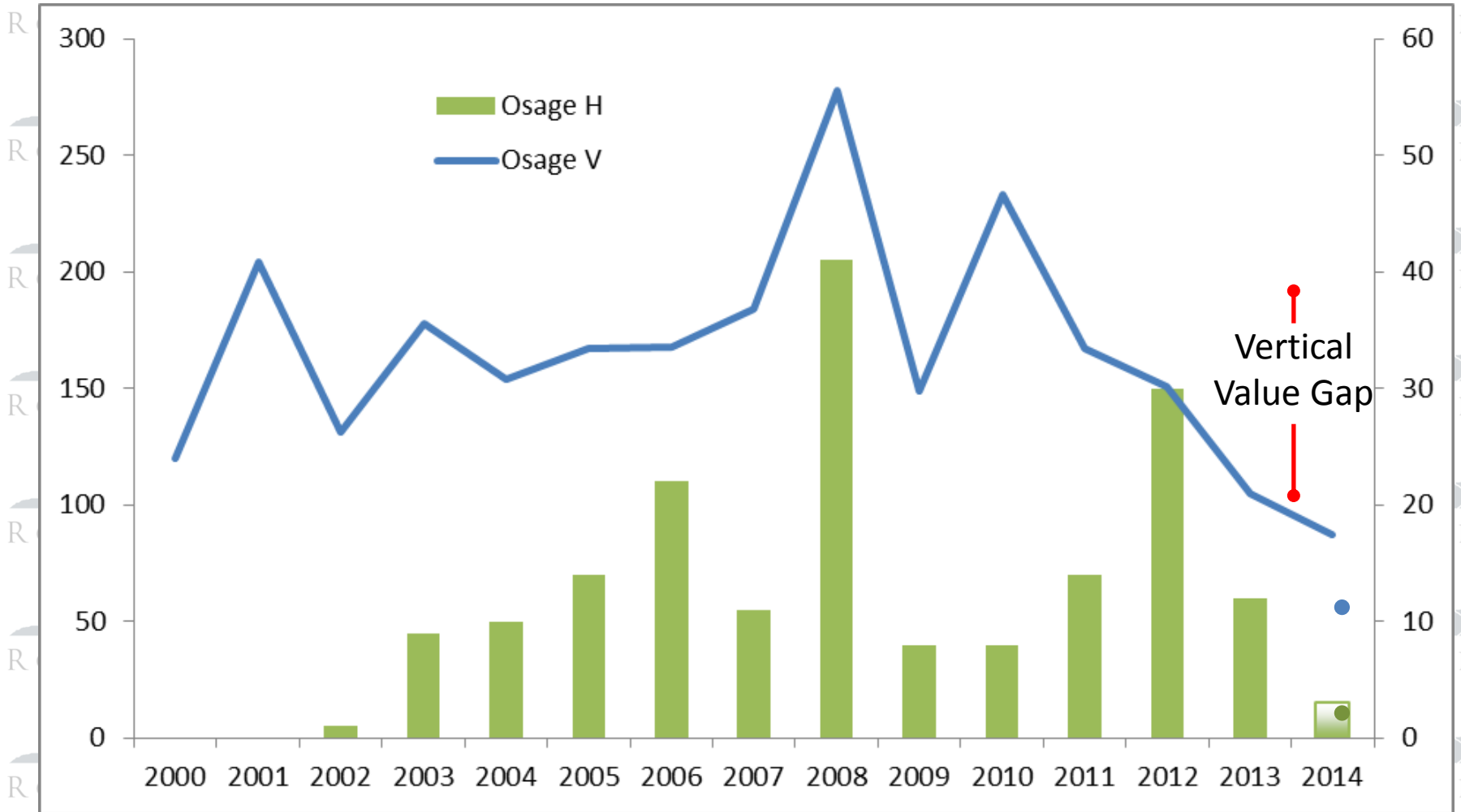
Edith Newton Wilson
September 26, 2014

Horizontal and Vertical Well Spuds in Oklahoma



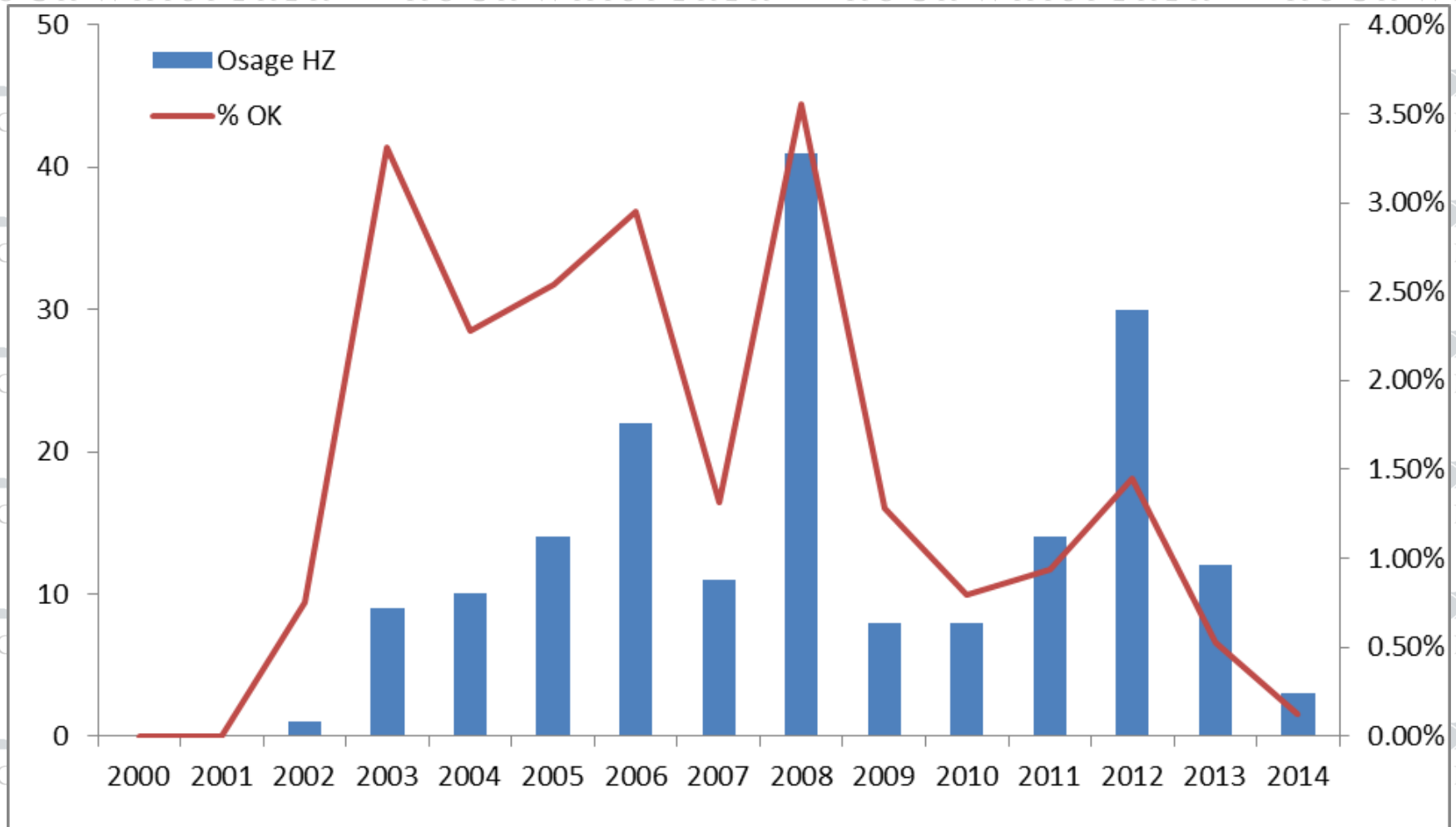
2014 year to date estimated from 1644 horizontal and 1010 vertical reported as of end August

Horizontal and Vertical Wells Spud in Osage



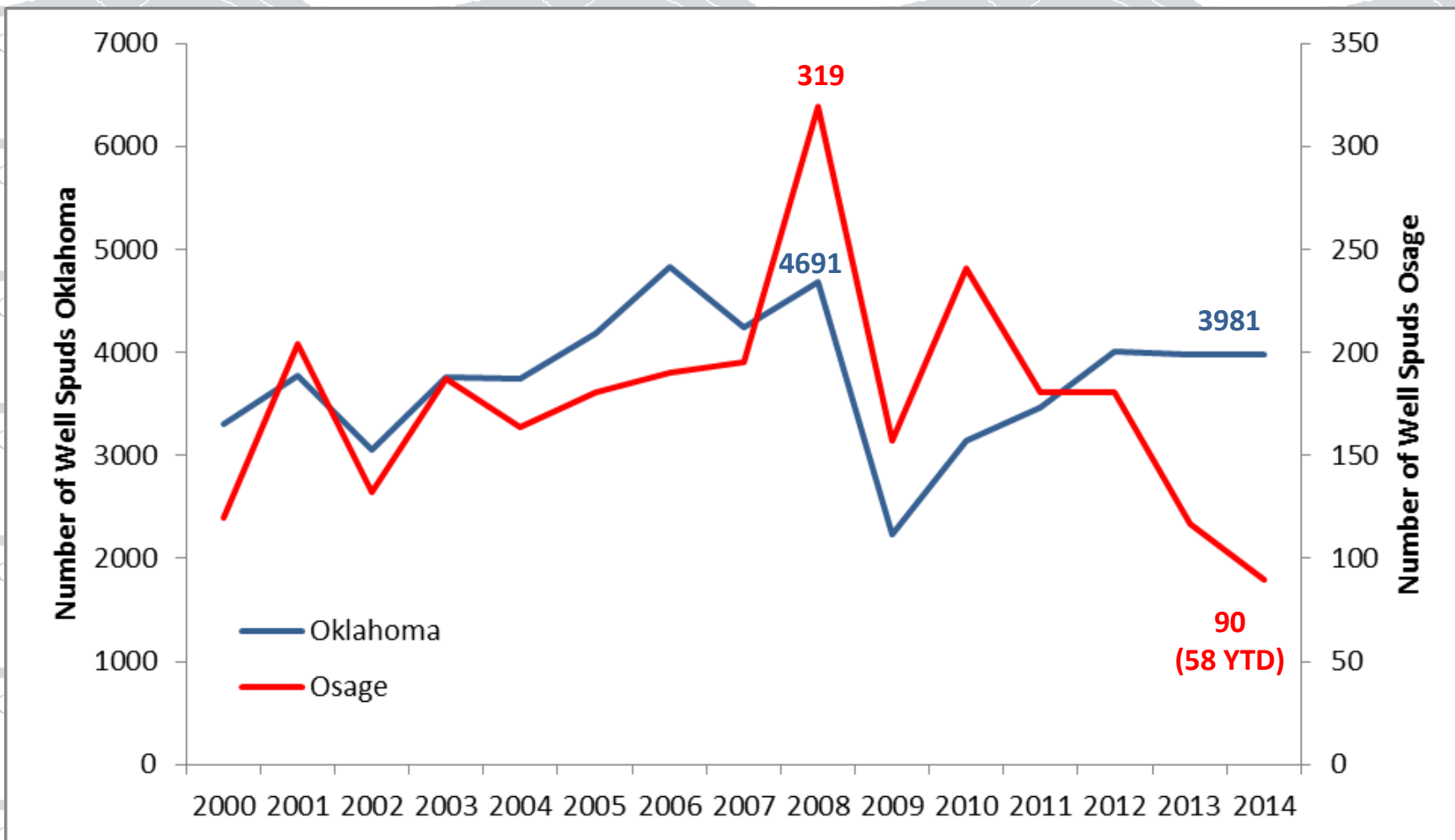
2014 year to date estimated from 2 horizontal and 58 vertical reported as of end August

Horizontal Well Spuds in Osage (left) and as a Percentage of Oklahoma Horizontals (right)



2014 year to date estimated from spuds reported as of end August

Total Wells Spud in Oklahoma and Osage



2014 year to date estimated from spuds reported as of end August