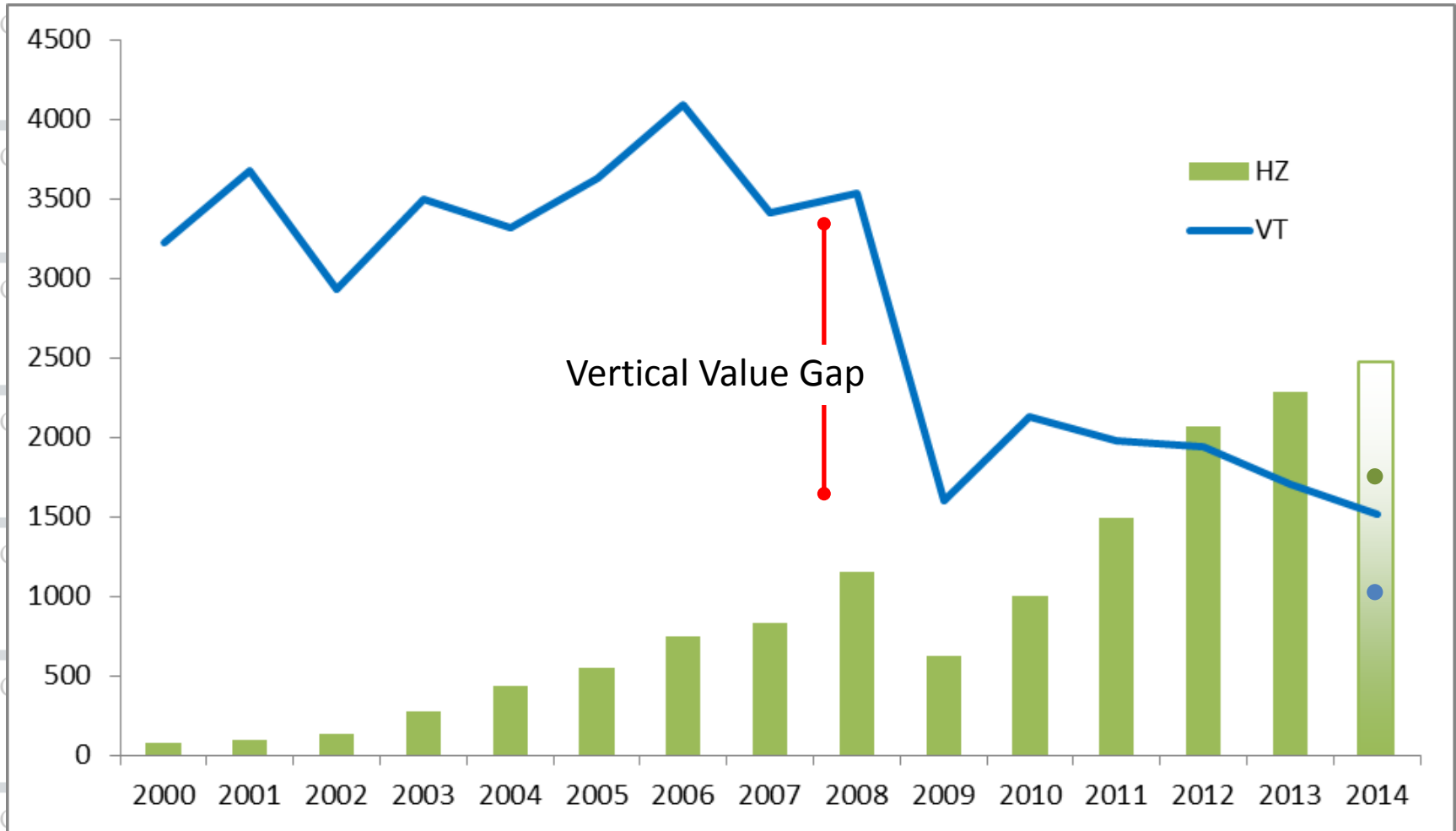


Drilling Statistics from Oklahoma and  
Osage County  
Prepared for Susan Forman and the  
Osage Minerals Council



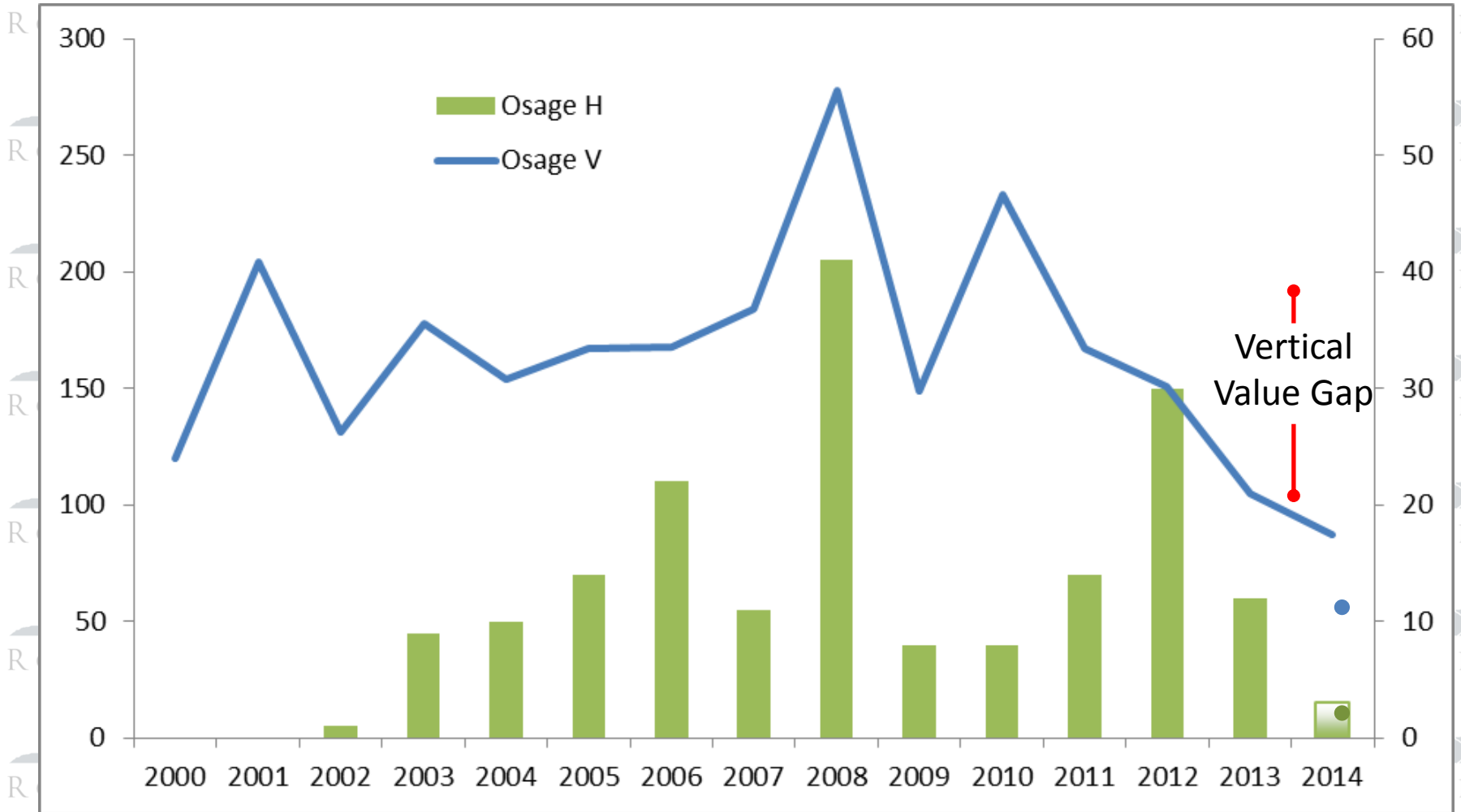
Edith Newton Wilson  
September 26, 2014

# Horizontal and Vertical Well Spuds in Oklahoma



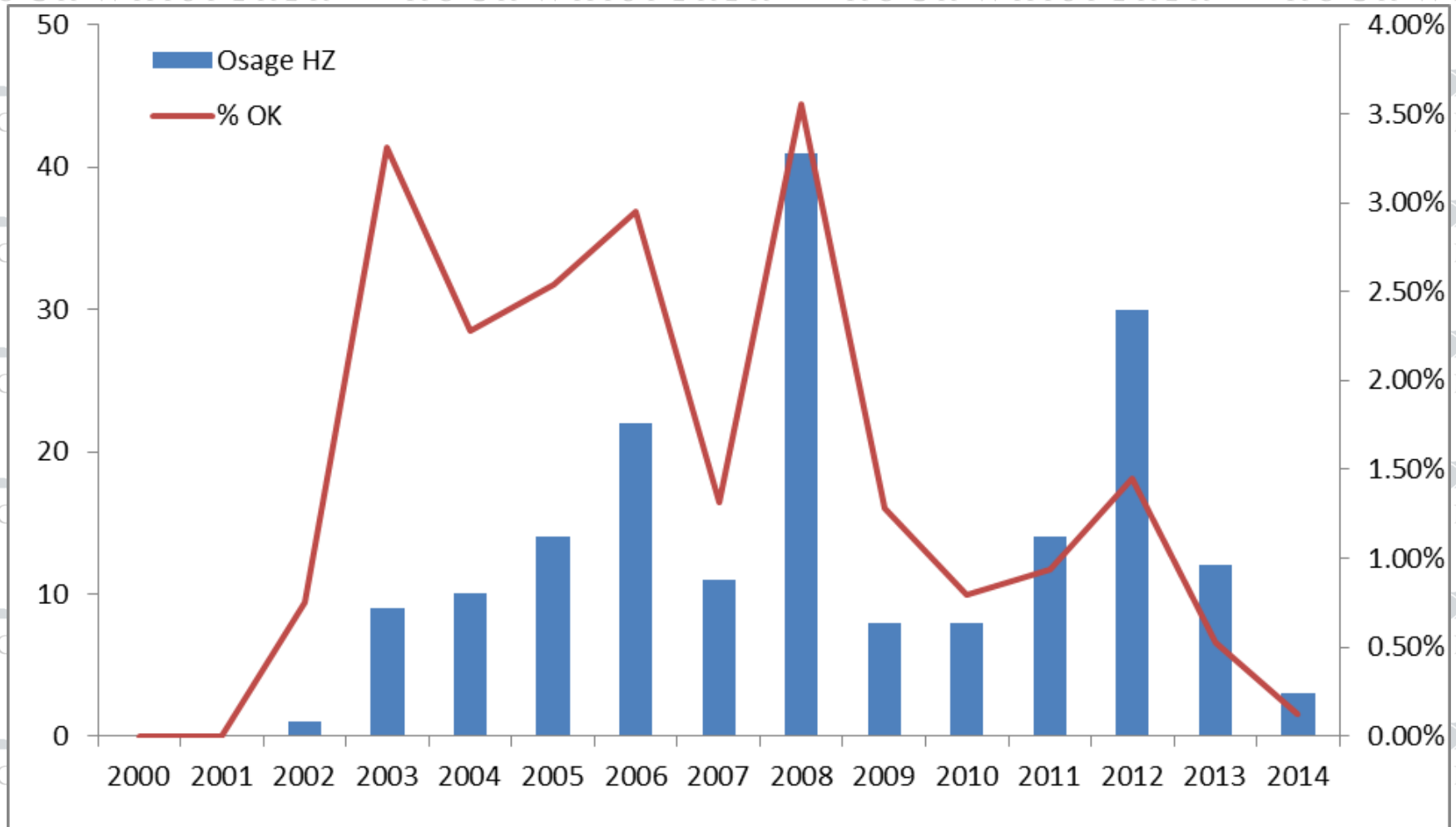
*2014 year to date estimated from 1644 horizontal and 1010 vertical reported as of end August*

# Horizontal and Vertical Wells Spud in Osage



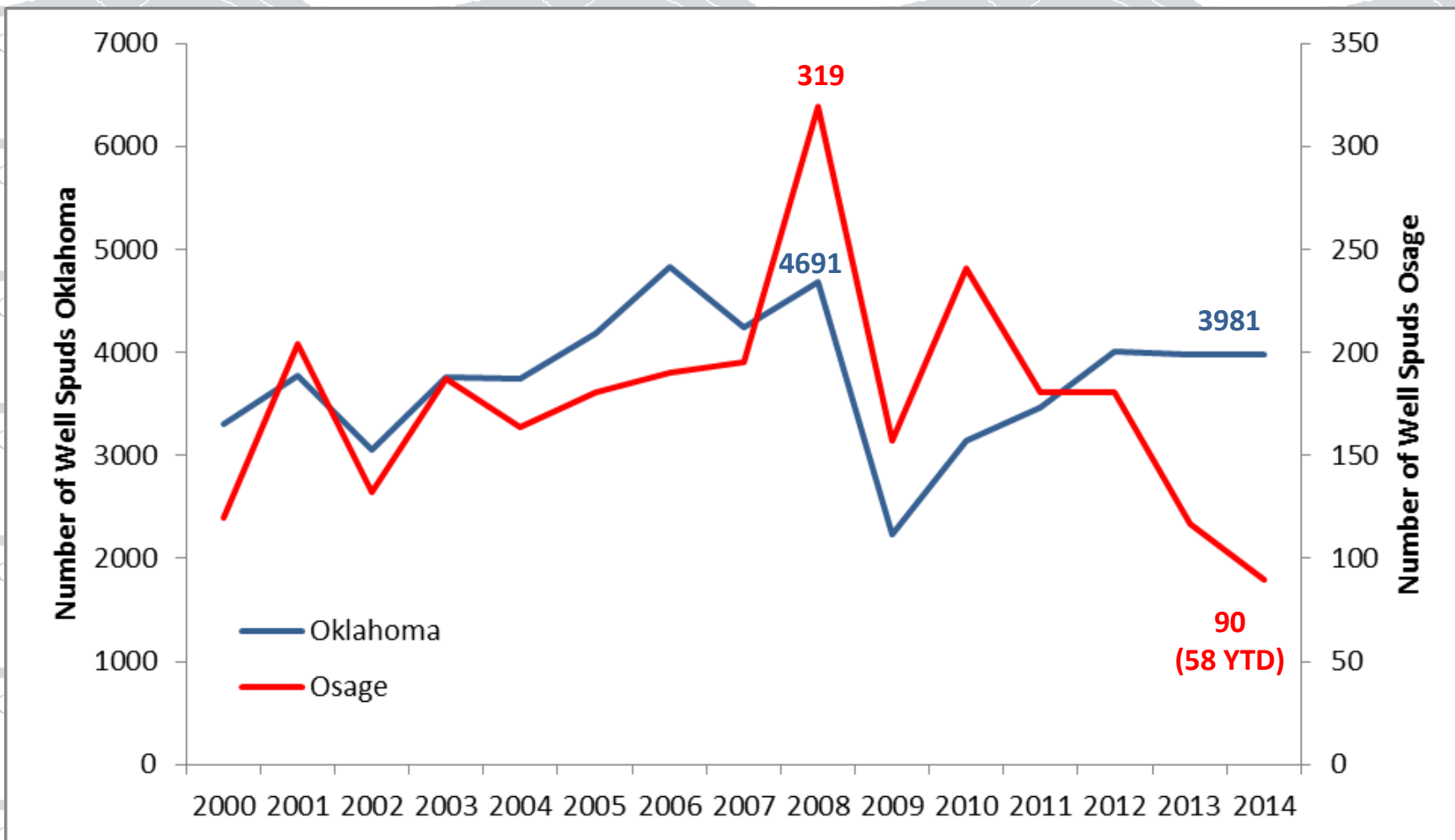
*2014 year to date estimated from 2 horizontal and 58 vertical reported as of end August*

# 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*