EXPLANATION

Producing well:

- Viola
- Seminole (1st Wilcox)
- Bromide / Wilcox / 2nd Wilcox / Tulip Creek
- McLish
- Pruit Ranch (Birdseye Limestone)
- Oil Creek (Burgen and Tyner
- Simpson Undifferentiated
- Arbuckle

Choctaw Thrust / Ti Valley Fault

Fault, ornament on downthrown side

-20- Structure contour*

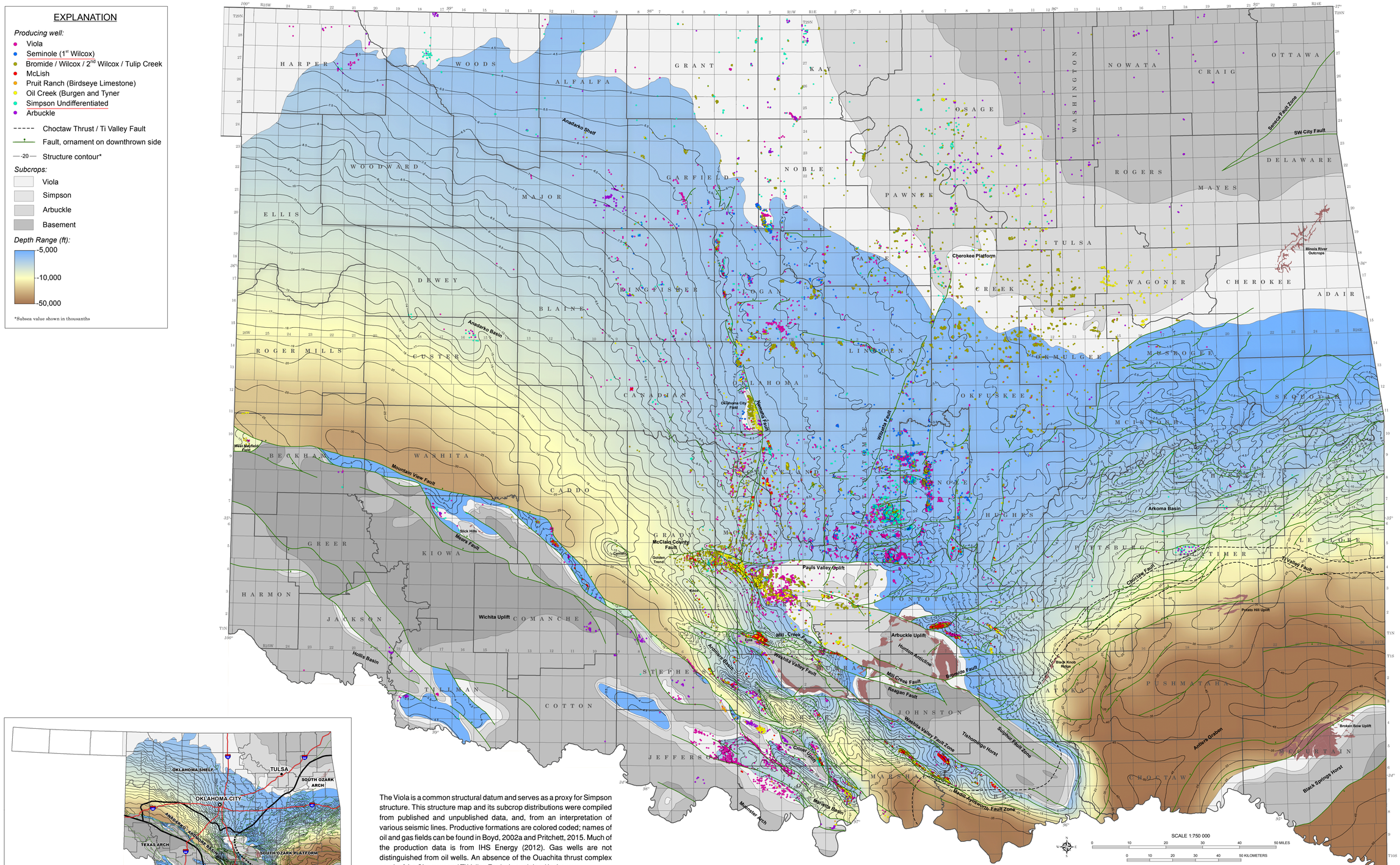
Subcrops:

- Viola
- Simpson
- Arbuckle
- Basement

Depth Range (ft):

-5,000
-10,000
-50,000

*Subsea value shown in thousanths



The Viola is a common structural datum and serves as a proxy for Simpson structure. This structure map and its subcrop distributions were compiled from published and unpublished data, and, from an interpretation of various seismic lines. Productive formations are colored coded; names of oil and gas fields can be found in Boyd, 2002a and Pritchett, 2015. Much of the production data is from IHS Energy (2012). Gas wells are not distinguished from oil wells. An absence of the Ouachita thrust complex south of the Choctaw and Ti Valley Faults is explained in the text.

PLATE 15
STRUCTURE MAP OF THE VIOLA GROUP

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