



Explanation

- 5 Structure contour in thousands of feet (MSL); contour interval -1,000 and -2,000 ft
- Fault; dashed where inferred
- Woodford absent

Summary

Compiled and produced by Stacey C. Evans and David P. Brown 2018. Additional editing by Justin P. Allen. Drafted by G. Russell Standridge. Woodford tops provided by Stacey C. Evans for the Ardmore Basin, Arkoma Basin, and southeast portion of the Cherokee Platform; all other Woodford top data provided by IHS Energy, current as of February 2016. Areas of absent Woodford modified from Ham and others (1954) and Amsden (1975). Faults provided by Marsh and Holland (2016). Geologic provinces provided by Northcutt and Campbell (1995). Due to the regional nature of the map, only major faults and trends are represented. More structural and stratigraphic complexity is present but is outside the scope of this map.

Selected References

Amsden, Thomas W., 1975, Structure map of Woodford Shale in central and western Oklahoma: Oklahoma Geological Survey Bulletin 121, Plate 3. scale 1:500,000.

Ham, William E., and others, 1954, Geologic map and sections of the Arbuckle Mountains, Oklahoma. Revised by Kenneth S. Johnson, 1990: Oklahoma Geological Survey Geologic Map 31. scale 1:100,000.

Marsh, Stephen, and Holland, Austin, 2016, Comprehensive fault database and interpretive fault map of Oklahoma: Oklahoma Geological Survey Open-File Report 2-2016. 2 plates, supplement.

Northcutt, Robert A, and Campbell, Jock A., 1995, Geologic provinces of Oklahoma: Oklahoma Geological Survey Open-File Report 5-95. scale 1:750,000.

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PRELIMINARY STRUCTURE MAP OF THE WOODFORD SHALE OF OKLAHOMA

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