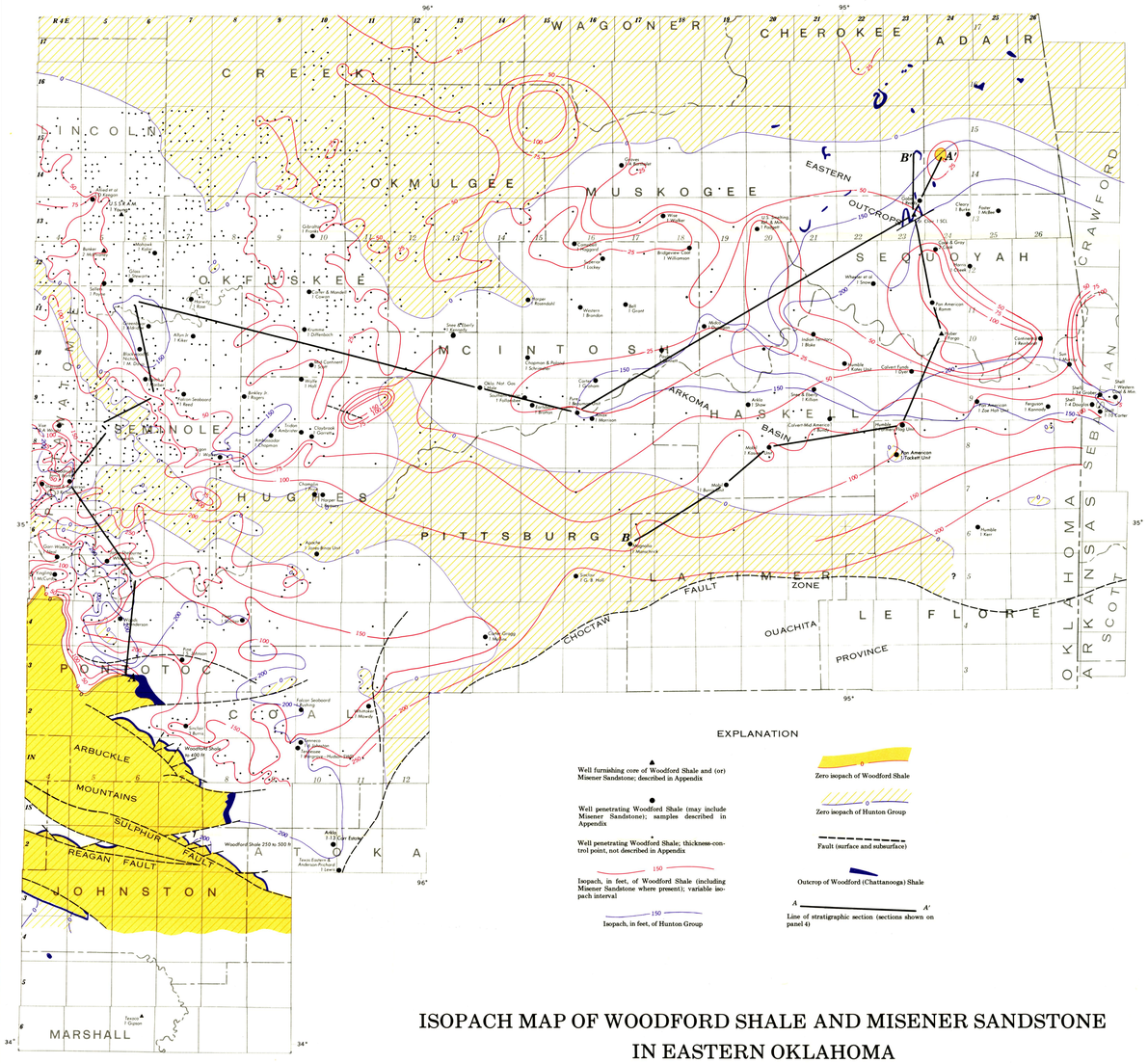
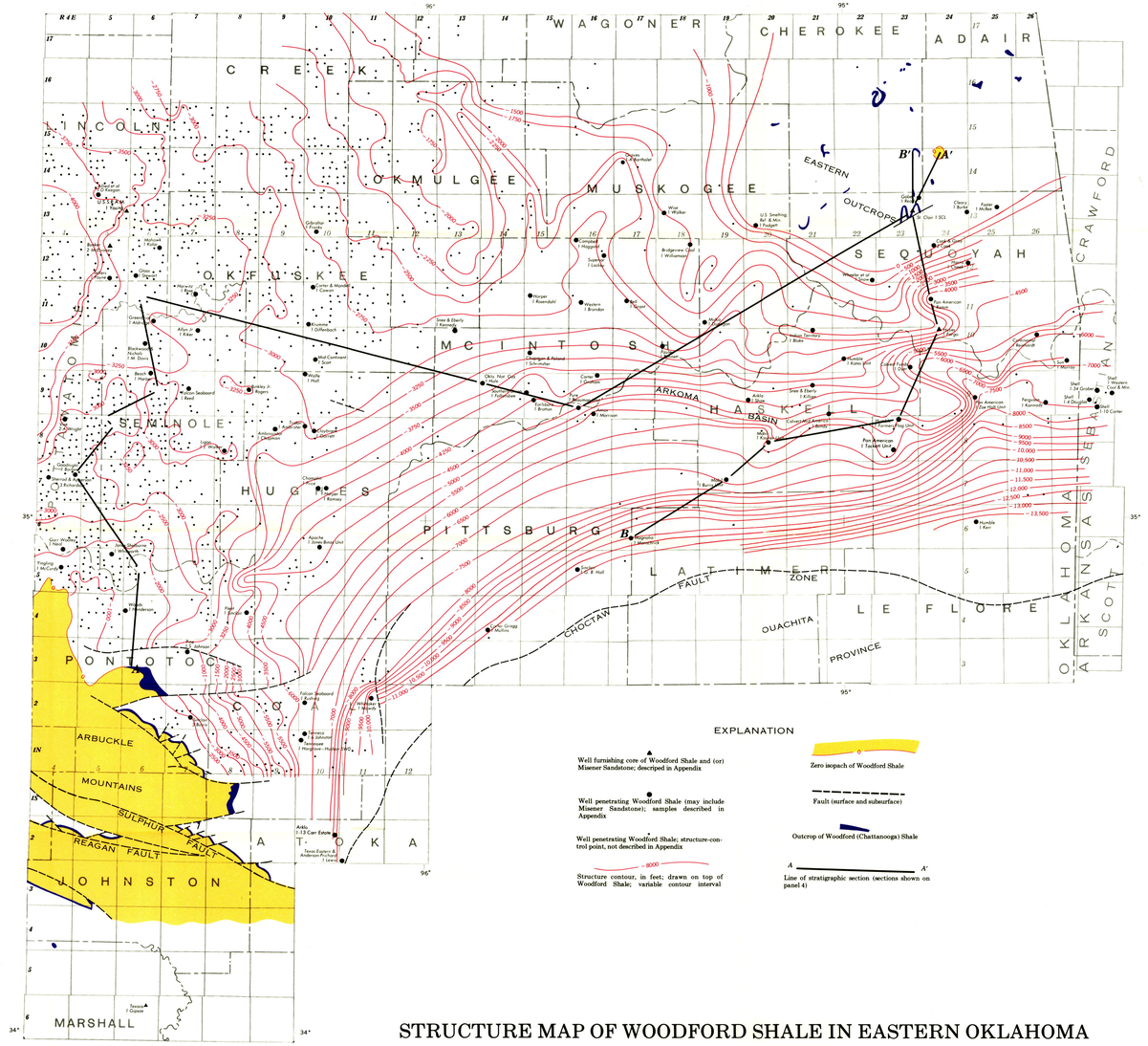


EXPLANATION

- Well furnishing core of Woodford Shale and (or) Misener Sandstone; described in Appendix
- Well penetrating Woodford Shale (may include Misener Sandstone); samples described in Appendix
- Well penetrating Woodford Shale; thickness-control point, not described in Appendix
- 150 — Isopach, in feet, of Woodford Shale (including Misener Sandstone where present); variable isopach interval
- 150 — Isopach, in feet, of Hunton Group
- 0 — Zero isopach of Woodford Shale
- 0 — Zero isopach of Hunton Group
- Fault (surface and subsurface)
- Outcrop of Woodford (Chattanooga) Shale
- A — A' Line of stratigraphic section (sections shown on panel 4)

ISOPACH MAP OF WOODFORD SHALE AND MISENER SANDSTONE IN EASTERN OKLAHOMA



EXPLANATION

- Well furnishing core of Woodford Shale and (or) Misener Sandstone; described in Appendix
- Well penetrating Woodford Shale (may include Misener Sandstone); samples described in Appendix
- Well penetrating Woodford Shale; structure-control point, not described in Appendix
- −8000 — Structure contour, in feet; drawn on top of Woodford Shale; variable contour interval
- 0 — Zero isopach of Woodford Shale
- Fault (surface and subsurface)
- Outcrop of Woodford (Chattanooga) Shale
- A — A' Line of stratigraphic section (sections shown on panel 4)

STRUCTURE MAP OF WOODFORD SHALE IN EASTERN OKLAHOMA

ARBUCKLE MOUNTAINS Surface		EASTERN OKLAHOMA Surface		Age
Woodford Shale (Misener Sandstone in subsurface)		Chattanooga Shale Sylamore Sandstone		Early Mississippian–Late Devonian
Hunton Group			Sallisaw Formation	Early Devonian
	Frisco Formation		Frisco Formation	
	Haragan–Bois D'Arc Formations			
	Henryhouse Formation			Late Silurian
	Clarita Formation	Chimneyhill Subgroup	Quarry Mountain Formation	
	Cochrane Formation		Tenkiller Formation	Early Silurian
			Blackgum Formation	
	Keel Formation		Pettit Oolite	Late Ordovician
Sylvan Shale			Sylvan Shale	
Welling Formation			Welling Formation	

Stratigraphic Chart

Scale 1:500,000

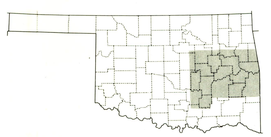
10 0 10 20 30 40 Miles

10 0 10 20 30 40 50 60 Kilometers

By

THOMAS W. AMSDEN

1980



Index Map of Oklahoma Showing Area Covered by Maps