

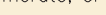
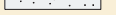
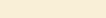
Geology compiled by
Kenneth R. Neuhauser

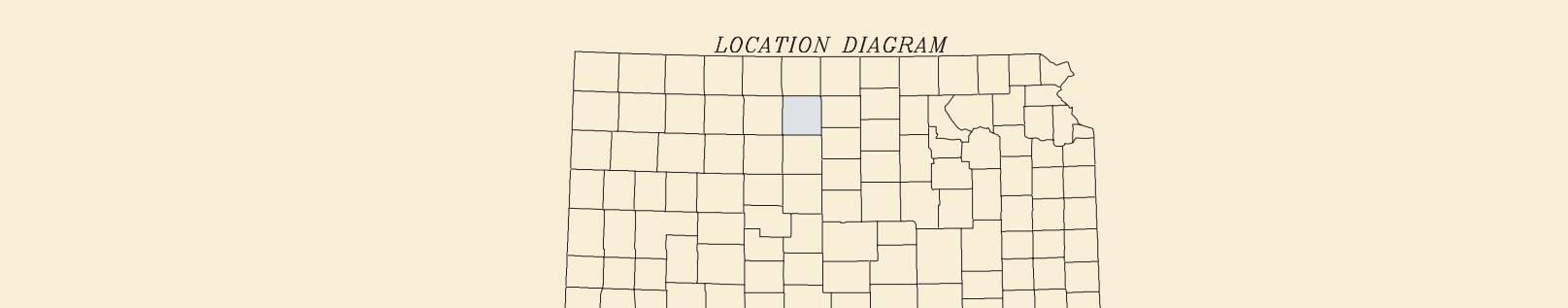
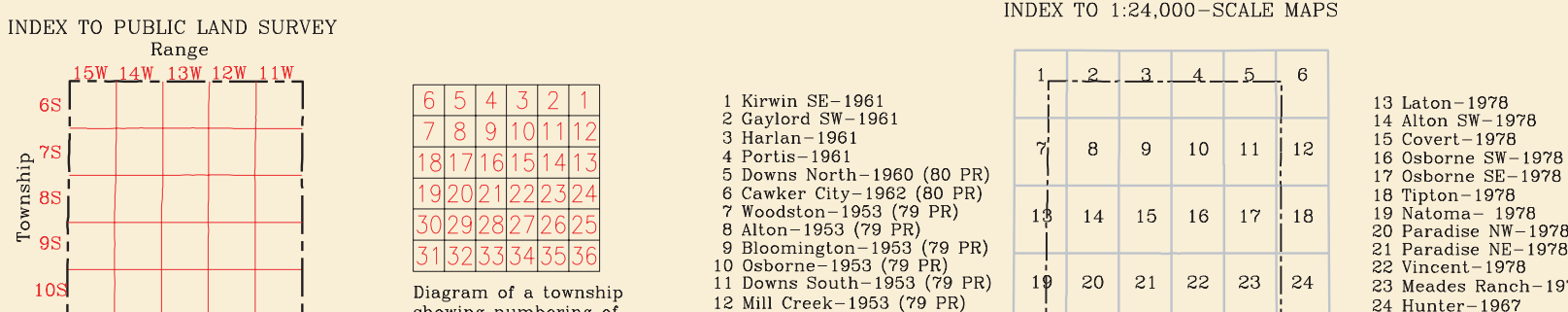
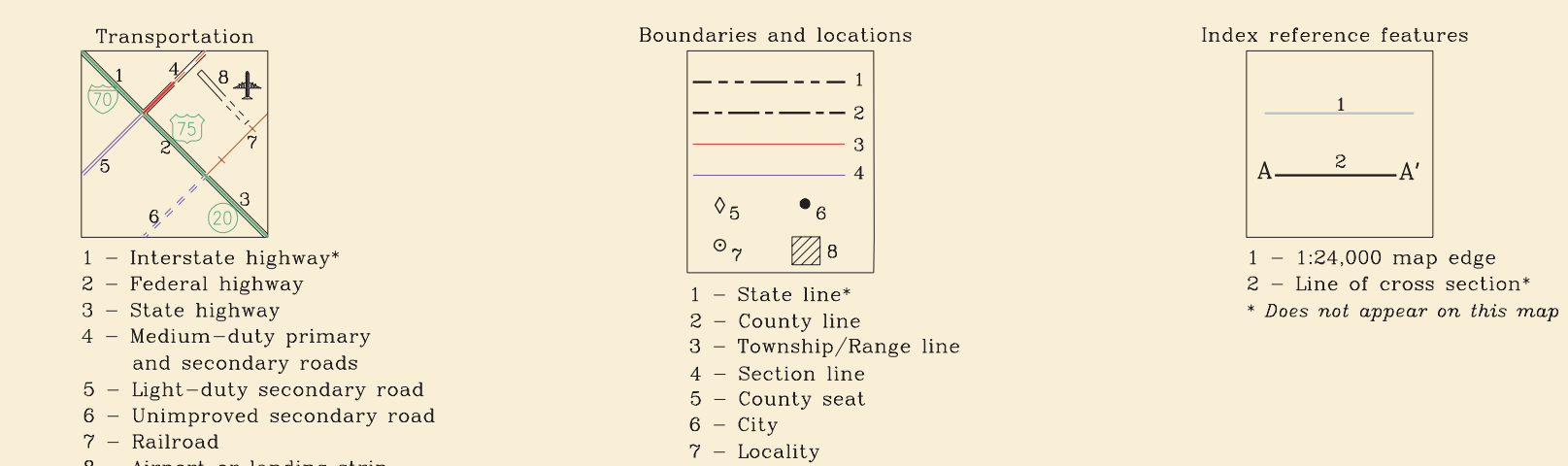
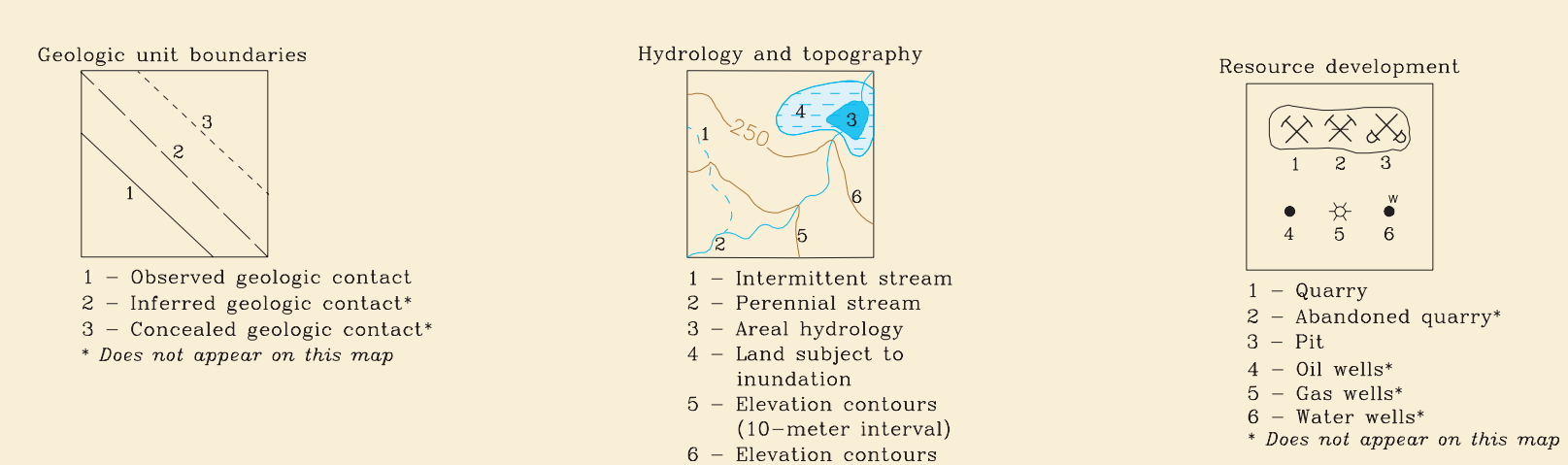
With GIS assistance from
Levi B. Short
Matthew L. Dreiling

Computer compilation
and cartography by
Jorgina A. Ross
Michael P. Gunn

David Means

System	QUATERNARY		TERTIARY PUDUCENE- MIOCENE	CRETACEOUS		System		
	Soers	Group		UPPER CRETACEOUS			Series	
Formation	Alluvium	Doligella	Niobrara Chalk	Smoky Hill Chalk	Kof	Kof		
	Loess						Kof	Kof
	Terrace deposits							
Member								

EXPLANATION	
	Sand and gravel, conglomerate, or "mudjar beds"
	Sandstone or sand
	Shale or claystone
	Limestone
	Undifferentiated sandstone or siltstone
	Chalk



ACKNOWLEDGMENTS

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University. The work was funded by the Kansas Geological Survey and coordinated by Lawrence L. Brady, Senior Scientist.

The geology was interpreted from the Osborne County, Kansas Soil Survey Report published by the U.S. Department of Agriculture, Soil Conservation Service, January 1977; from Geologic Construction—Material Resources in Osborne County, Kansas, 1962 USGS Circular 178; from air photography; and from field checking.

Scale 1:50,000

Lambert Conformal Conic Projection
With standard parallels at 33° and 45°

0 1 2 3
Kilometers

Elevation contours are presented for general reference. They are taken from 1985 Digital Line Graph (DLG) files compiled from base maps at a scale of 1:100,000. In some places the contours from the DLG may be more generalized than the base maps used for compilation of geologic outcrop patterns. Outcrop patterns on the map will typically reflect topographic variation more accurately than the associated contour lines. Repeated fluctuation of an outcrop line across a contour line should be interpreted as an indication that the mapped rock unit is

maintaining a relatively constant elevation along a generalized contour.

This map was produced by computer-aided cartography using the GIMAP (Geodata Interactive Map Analysis and Production) system developed at the Kansas Geological Survey.

The Kansas Geological Survey does not guarantee this map to be free from errors or inaccuracies and disclaims any

responsibility or liability for interpretations made from the map or decisions based thereon.

Suggested reference to this map:

Neuhäuser, K. R., 2003, Geologic Map, Osborne County, Kansas:
Kansas Geological Survey, Map Series M-102, scale 1:50,000

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