



U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

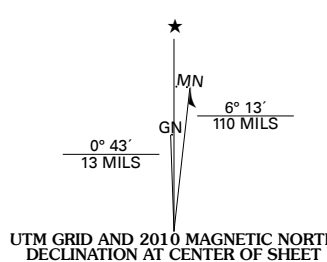


KNOWLES QUADRANGLE  
OKLAHOMA  
7.5-MINUTE SERIES

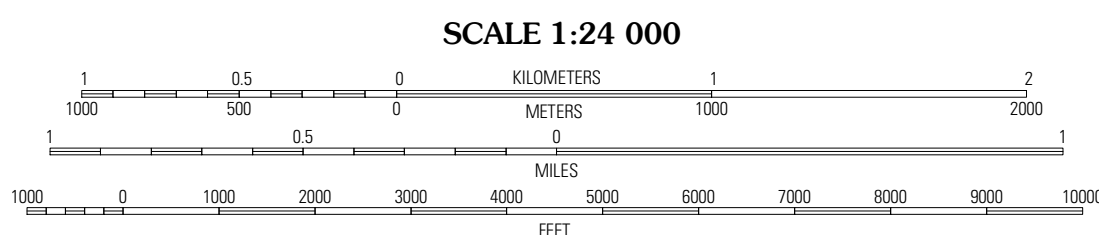


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 14S  
10 000-foot ticks: Oklahoma Coordinate System of 1983  
(north zone)

Imagery.....NAIP, April 2008  
Roads.....National Transportation Dataset, 2008  
Names.....GNIS, 2008  
Hydrography.....National Hydrography Dataset, 2008  
Contours.....National Elevation Dataset, 2007



|                       |
|-----------------------|
| U.S. National Grid    |
| 100,000-m Square ID   |
| LF                    |
| Grid Zone Designation |
| 14S                   |



This map was produced to conform with version 0.5.10 of the  
draft USGS Standards for 7.5-Minute Quadrangle Maps.  
A metadata file associated with this product is also draft version 0.5.10



| QUADRANGLE LOCATION |          |          |  |
|---------------------|----------|----------|--|
| Mocane              | Gate NW  | Gate NE  |  |
| Mocane SE           | Knowles  | Gate     |  |
| Clear Lake          | Logan NW | Logan NE |  |

ADJOINING 7.5' QUADRANGLES

| ROAD CLASSIFICATION |             |            |     |
|---------------------|-------------|------------|-----|
| Interstate Route    | State Route | Local Road | 4WD |
| US Route            |             |            |     |
| Ramp                |             |            |     |

Interstate Route US Route State Route

KNOWLES, OK  
2010