



EXPLANATION

- 1.5 Location and value of Ordovician CAI_{max} sample (this report)—al, allochthonous strata; au, autochthonous strata
 - Location of Ordovician CAI_{max} sample—Data from Harris and others (1978)
 - 1 The senior author has assigned a CAI value of 1.5 to 2.0 for the Trenton Limestone in this well
 - 2 The CAI value of 3.0 is from the Beekmantown Dolomite about 1,500 to 2,000 ft below the Trenton Limestone in this well (No. 8610T James)
 - 3 The senior author has assigned a CAI value of 3.5 to 4.0 for the Trenton Limestone at this outcrop location
 - Ordovician CAI_{max} isograd (this report)—Dashed where inferred; hachured to indicate isograd depression
 - Ordovician CAI_{max} isograd—Data from Harris and others (1978)
 - x Upper Ordovician oil-stained dolomite locality in Kentucky
- Gas fields of Ordovician and Cambrian age associated with oil—Data from Baranoski and others (1996), Harris and Baranoski (1996), and Riley and others (1996b)
 - Gas fields of Ordovician and Cambrian age—Data from Wilson and Sutton (1973, 1976), New York State Department of Environmental Conservation (1986, 2004), Baranoski and others (1996), Harris and Baranoski (1996), Laughrey and Harper (1996), Nuttall (1996), Wickstrom (1996a,b), Cazez (1998), and Avary (2006)
 - Oil fields of Ordovician and Cambrian age—Data from Baranoski and others (1996), Riley and others (1996b), Wickstrom (1996a,b), and Cazez (1998)
 - Oil and gas fields of Ordovician age—Data from Wilson and Sutton (1973, 1976), Milici and others (1980), Nuttall (1996), and Wickstrom (1996a,b)

Base from U.S. Geological Survey digital data, 2008
 Albers Equal-Area Conic projection
 Standard parallels 35°00'N and 43°00'N
 Central meridian 87°00'W

Figure 6. Map showing Ordovician conodont color alteration index (CAI_{max}) isograds superimposed on oil and gas fields in Cambrian and Ordovician reservoirs.