The Oklahoma Geological Survey (OGS) has developed a database containing stratigraphic, analytical, production, and coalbed-methane information on Oklahoma’s coal resources as part of the National Coal Resources Data System (NCRDS). The NCRDS is a cooperative program begun in 1975 by the U.S. Geological Survey and state geological surveys in coal-producing states. The Oklahoma coal database is maintained by the OGS. A digital version of all tables except CBM completions can be obtained on CD at a cost of $40. The coalbed-methane completions database is available for $17 as a digital version in Excel or Access format on a floppy diskette or via e-mail. Versions of the coalbed-methane completions and coal production tables are available on the internet as a link from the OGS web site: http://www.ogs.ou.edu.

The database presently includes stratigraphic and analytical coal data from 12 counties (Craig, Creek, Mayes, McIntosh, Muskogee, Nowata, Okfuskee, Okmulgee, Rogers, Tulsa, Wagoner, and Washington) in the northeast Oklahoma shelf. Stratigraphic header and data tables contain 20,995 records on lithology and bed measurements for 4,457 locations. Analytical header and data tables contain information from 976 samples, including coal bed, rank, location (province, coal region, quadrangle, TRS, latitude/longitude), results from chemical and petrographic analyses, mine, owner, operator, type of sample location, and bed measurements.

The coal-production table contains 24 columns, including year of coal production (1873-2004), coal-production data for 16 major coal-producing counties, one column designated as “other” referring to production from minor coal-producing counties or otherwise not reported, total mined, total surface mined, surface percentage, average F.O.B. price per ton, value of coal mined, and comments.

The coalbed-methane (CBM) completions table currently contains >3,600 records from 1988 to present. Details include: operator, well name, API number, completion date, location (county, field name, TRS, latitude/longitude), coal bed, production depth interval, initial gas potential and produced water, pressure information, and comments. Through April 2005, 1,557 (including 595 horizontal CBM with lateral lengths of 14–4,321 ft) completions were from coal depths of 284–4,397 ft in the Arkoma Basin by 90 operators and 2,091 completions were from coal depths of 188–2,962 ft in the northeast Oklahoma shelf area by 78 operators.

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