Open-File Report OFOG 11–01.0: Pennsylvania Coalbed Methane Wells Database

The Pennsylvania Coalbed Methane Wells Database contains information on wells associated with coalbed methane (CBM) in Allegheny, Armstrong, Cambria, Fayette, Greene, Indiana, Washington, and Westmoreland Counties in southwestern Pennsylvania. It complements Open-File Report 00–01 (Microsoft Excel 97 spreadsheet) by updating and displaying data in a new format, Microsoft Access.

The first phase of this database contains successful and unsuccessful accounts of CBM exploration and production, including early serendipitous encounters with CBM in the commonwealth, from well completions mainly between 1938 and 1998. It also provides annual production data from 1988 through 2009.

The data was initially based on paper files from our Pittsburgh office, the Wells Information System (WIS), the Pennsylvania Internet Record Imaging System (PA*IRIS), North American CBM Forums, literature (includes historical gas contents and reference to coal analyses), and personal communication with CBM operators when available.

The new Access database contains 15 information tables on various geologic and geographic data and 12 relational lookup tables. The lookup tables include explanations of the following codes used throughout the database:

County	Reference
Field, Pool	Stratigraphic/Rock Unit
Geophysical Well Log	Well Class
Miscellaneous	Well Completion
Municipality/Township	Well Type
Quadrangle	Well/Permit Status

Detailed information on the tables, table fields, data sources, and data limitations is provided in the metadata.

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