

Table 1. Sources, ages, and locations of porosity-permeability data sets.						
No.	Authors and Date	Geologic Age	Formation Name	Location	Basin / Structural Province	Field
1	Aase and others, 1996	Jurassic	unnamed formation	North Sea	Central Graben	Ula and Gyda fields
2	Amthor and Okkerman, 1998	Permian	Slochteren Formation	Netherlands	Permian Basin, North Sea	various and unnamed
3	Atkinson and others, 1990	Permian-Triassic	Ivishak Formation	Alaska	North Slope of Alaska	Prudhoe Bay Field
4	Bloch and others, 1990	Mississippian	Kekiktuk Conglomerate	Alaska	North Slope of Alaska	Endicott Field
5	Bloch, 1991	Oligocene-Miocene	unnamed formation	South China Sea	unnamed	Yacheng Field
6	Bloch and others, 2002	Jurassic	Ile Formation, Fangst Group	North Sea	North Sea	Block 6406
7	Bourbie and Zinszner, 1985	Oligocene	Fontainebleau Sand	France	Paris Basin, France	none
8	Bowker and Jackson, 1989	Permian-Pennsylvanian	Weber Sandstone	Colorado	Piceance Basin	Rangely Field
9	Cant and Ethier, 1984	Early Cretaceous	Falher Member of Spirit River Formation	Alberta, Canada	Alberta Deep Basin	Elmworth Field
10	Castle and Burns, 1998	Silurian	Grimsby Sandstone of Medina Group	Pennsylvania	Appalachian Basin	Cooperstown Field
11	Cazier and others, 1995	Oligocene	Mirador Formation	Colombia	Llanos Basin Foothills	Cusiana Field
12	Chowdhury and Noble, 1992	Devonian-Carboniferous	Albert Formation	New Brunswick, Canada	Moncton Subbasin	Stoney Creek Field
13	Clark and Reinson, 1990	Early Cretaceous	Viking Formation	Alberta, Canada	Cretaceous Western Interior Basin	Crystal Field
14	Corcoran and others, 1994	Eocene	Wilcox Group	Louisiana	Louisiana Gulf Coast	Wildsville Field
15	Cox and others, 1994	Jurassic	Nugget Sandstone	Wyoming	Overthrust Belt	Anschutz Ranch East Field
16	Dickinson, 1996	Jurassic	Fulmar Formation, Humber Group	North Sea	Central Graben	Puffin Field
17	Dolly and Mullarkey, 1996	Pennsylvanian	Morrow Sandstone	Colorado	Las Animas Arch	Nee Noche Field
18	Dolly and Mullarkey, 1996	Devonian	Misener Sandstone	Oklahoma	Nemaha Uplift	Nash Northeast Field
19	Dolly and Mullarkey, 1996	Early Cretaceous	Muddy Sandstone	Wyoming	Powder River Basin	Collums Field
20	Dolly and Mullarkey, 1996	Late Cretaceous	Frontier Sandstone	Wyoming	La Barge Platform	Lincoln Roads Field
21	Dutton and Willis, 1998	Early Cretaceous	Fall River Formation	Wyoming	Powder River Basin	Buck Draw Field
22	Dutton and others, 2003	Permian	Bell Canyon Formation	Texas	Delaware Basin	East Ford Unit
23	Ehrenberg, 1990	Middle Jurassic	Garn Formation	North Sea	Haltenbanken Area	Smorbukk and other fields
24	Estes-Jackson and others, 2001	Cretaceous	Muddy Formation	Wyoming	Wind River Basin	Riverton Dome Field
25	Ganer, 1985	Jurassic	Cotton Valley Formation	Louisiana	North Louisiana Salt Basin	Terryville Field
26	Gaupp and others, 1993	Permian	Schneverdingen and other formations	Germany	North German Basin	basin-wide study
27	Grau, 2000	Jurassic	Brae Formation	United Kingdom	South Viking Graben	East Brae Field
28	Grigsby and others, 1992	Paleocene	Wilcox Group	Texas	Houston Embayment	Lake Creek Field
29	Hall and Link, 1990	Late Miocene	Webster Zone, Monterey Formation	California	Southern San Joaquin Basin	Midway-Sunset Field
30	Hirst and others, 2001	Carboniferous and Devonian	unnamed formation	Algeria	Timimoun Basin	Teguentour Field
31	Hogg and others, 1996	Triassic	Sherwood Sandstone Group	England	Hampshire Basin	Wytch Farm Field
32	Hosseini and Hayatdavoudi, 1986	Cretaceous	Tuscaloosa Formation	Louisiana	Downdip Tuscaloosa-Woodbine Trend	wildcat
33	Keighin and others, 1989	Late Cretaceous	Almond Formation, Mesaverde Group	Wyoming	Great Divide Basin and nearby areas	various fields
34	Keighin and others, 1993	Late Cretaceous	Mesaverde Group	Colorado	San Juan Basin	none
35	Kerr and others, 1999	Pennsylvanian	Bartlesville (Glenn) sandstone	Oklahoma	Northeastern Oklahoma Platform	Glenn Pool Field
36	Langford and others, 1990	Oligocene	Vicksburg Formation	Texas	Gulf Coast	McAllen Ranch Field
37	Lindquist, 1988	Jurassic - Triassic	Nugget Sandstone	Wyoming	Overthrust Belt	Anschutz Ranch East Field
38	Luffel and others, 1991	Early Cretaceous	Travis Peak Formation	Texas	Sabine Arch	four counties in east Texas

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