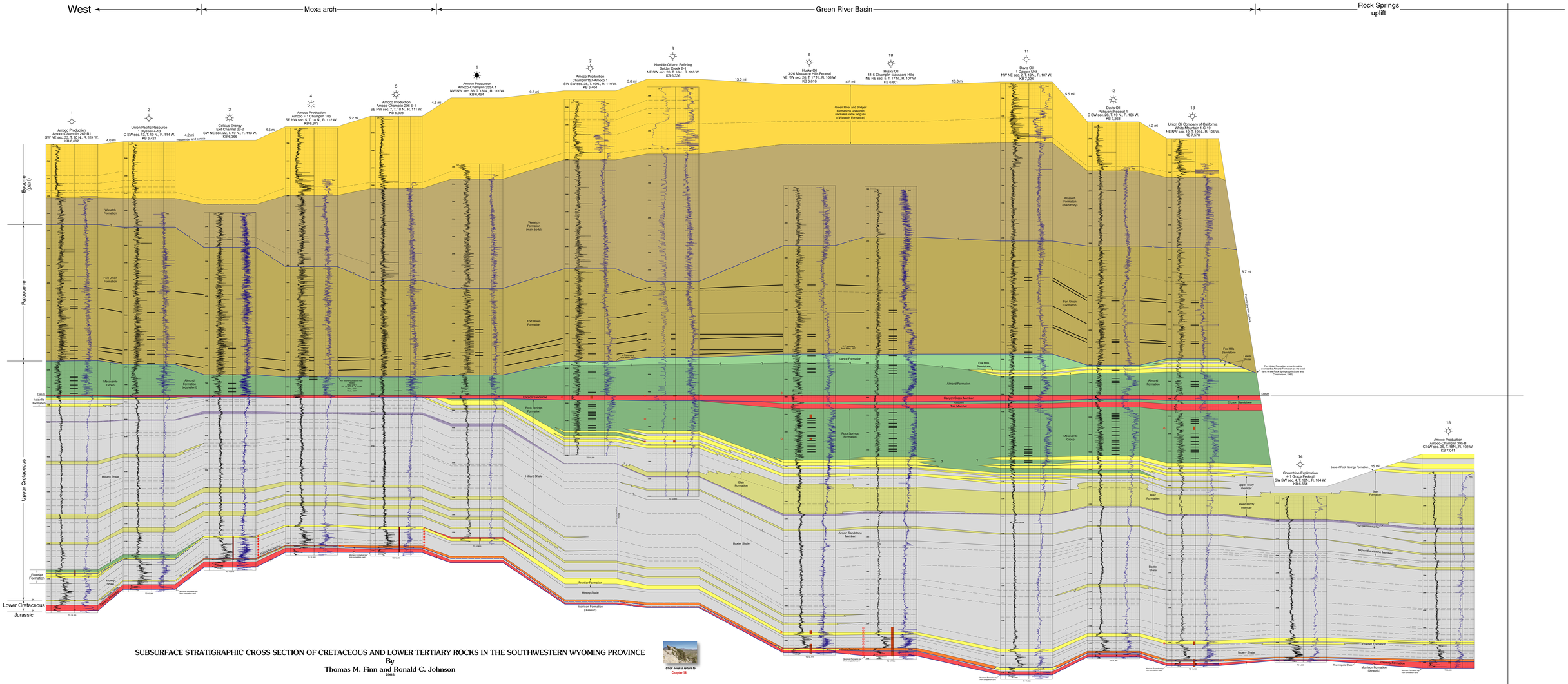
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

DIGITAL DATA SERIES DDS-69-D
CHAPTER 14, PLATE 1-1


West
Moxa arch
Green River Basin
Rock Springs uplift
Eocene (part)
Paleocene
Upper Cretaceous
Lower Cretaceous
Jurassic
1 Amoco Production Amoco-Champlin 392-B1 SW NE sec. 33, T. 20 N., R. 114 W. KB 6,602
2 Union Pacific Resource C SW sec. 13, T. 19 N., R. 114 W. KB 6,421
3 Celsius Energy Exit Channel 22-2 SW NE sec. 22, T. 19 N., R. 113 W. KB 6,366
4 Amoco Production Amoco F 1 Champlin 186 SE NW sec. 5, T. 18 N., R. 112 W. KB 6,372
5 Amoco Production Amoco-Champlin 208 E-1 SE NW sec. 7, T. 18 N., R. 111 W. KB 6,329
6 Amoco Production Amoco-Champlin 353A 1 NW NW sec. 33, T. 18 N., R. 111 W. KB 6,494
7 Amoco Production Champlin 57-Amoco 1 SW SW sec. 35, T. 19N., R. 110 W. KB 6,404
8 Humble Oil and Refining Spider Creek B-1 NE SW sec. 28, T. 19N., R. 110 W. KB 6,309
9 Husky Oil 3-26 Massacre Hills Federal NE NW sec. 26, T. 17 N., R. 108 W. KB 6,616
10 Husky Oil 11-5 Champlin-Massacre Hills NE NE sec. 5, T. 17 N., R. 107 W. KB 6,801
11 Davis Oil 1 Dagger Unit NW NE sec. 2, T. 19N., R. 107 W. KB 7,024
12 Davis Oil Polvaerd Federal 1 C SW sec. 28, T. 19 N., R. 106 W. KB 7,368
13 Union Oil Company of California White Mountain 1-C-19 NE NW sec. 19, T. 19 N., R. 105 W. KB 7,570
14 Columbine Exploration 4-1 Grace Federal SW SW sec. 4, T. 18N., R. 104 W. KB 6,661
15 Amoco Production Amoco-Champlin 395-B C NW sec. 31, T. 18N., R. 102 W. KB 7,041
Wasatch Formation
Fort Union Formation
Wasatch Formation (main body)
Green River and Bridger Formations undivided (includes some tongues of Wasatch Formation)
Lance Formation
Meeteetse Formation
Almond Formation
Almond Formation (equivalent)
Mesaverde Group
Fox Hills Sandstone
Lewis Shale
Fort Union Formation unconformably overlies the Almond Formation on the west flank of the Rock Springs uplift (Love and Christiansen, 1985).
Datum
Adaville Formation
Ericson Sandstone
Canyon Creek Member
Ted Rail Member
Rock Springs Formation
Hilliard Shale
Blair Formation
upper shaly member
lower sandy member
Baxter Shale
Airport Sandstone Member
Frontier Formation
Mowry Shale
Aspen Shale
Bear River Formation
Thermopolis Shale
Cloverly Formation
Morrison Formation (Jurassic)
Base of Rock Springs Formation
High gamma marker
Top of Almond Formation
Top of Rock Springs Formation
Base of Almond Formation
Base of Ericson Sandstone
Base of Fox Hills Sandstone
Base of Lewis Shale
Base of Fort Union Formation
Base of Wasatch Formation
Base of Green River Formation
Base of Frontier Formation
Base of Mowry Shale
Base of Aspen Shale
Base of Bear River Formation
Base of Cloverly Formation
Base of Morrison Formation
Base of Sundance Formation
Top of Nugget Sandstone
Top of Chugwater Group
Top of Dinwoody Formation
Top of Phosphoria Formation
Top of Tensleep Sandstone
Top of Amsden Formation
Top of Madison Limestone
Top of Darby Formation
Top of Bighorn Dolomite
Top of Gallatin Limestone
Top of Gros Ventre Formation
Top of Flathead Sandstone
Top of Precambrian
Sundance Formation
Nugget Sandstone
Chugwater Group
Dinwoody Formation
Phosphoria Formation
Tensleep Sandstone
Amsden Formation
Madison Limestone
Darby Formation
Bighorn Dolomite
Gallatin Limestone
Gros Ventre Formation
Flathead Sandstone
Precambrian
Present-day land surface
4.0 mi
4.2 mi
4.5 mi
5.2 mi
4.5 mi
9.5 mi
5.0 mi
13.0 mi
4.5 mi
13.0 mi
5.5 mi
4.2 mi
8.7 mi
TD 14,760
TD 13,000
TD 13,000
TD 13,000
TD 13,000
TD 13,000
TD 13,000
TD 13,000
TD 13,000
TD 14,760
TD 13,000
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