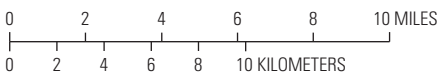


Base modified from U.S. Geological Survey digital data, variously dated, various scales
 Albers Equal-Area Conic projection
 Standard parallels 29°30'N and 45°30'N, central meridian -107°30'W
 Horizontal coordinate information is referenced to the North American Datum of 1983



Geology modified from Green and Drouillard, 1994

EXPLANATION

- Quaternary unconsolidated deposits**
 - Qa Alluvium and colluvium
 - Qt Terrace deposits
 - Qu Quaternary deposits, undifferentiated (includes lacustrine, eolian, and glacial deposits)
- Tertiary lithostratigraphic units**
 - Tb Bridger Formation
 - Tgl Laney Member of the Green River Formation
 - Twc Cathedral Bluffs Tongue of the Wasatch Formation
 - Tgw Wilkins Peak Member of the Green River Formation
 - Twg Alkali Creek Tongue of the Wasatch Formation and the Farson Sandstone Member of the Green River Formation
 - Tw Wasatch Formation (includes main body of the Wasatch Formation and Chappo Member)
- Paleozoic rocks**
 - Pz Paleozoic rocks
 - pC Precambrian rocks
- U.S. Geological Survey study area boundary**
- Jonah Infill Development Project boundary**
- Proposed Normally Pressured Lance (NPL) Natural Gas Development Project boundary**
- Potentiometric contour and value**—Shows altitude at which groundwater would have stood in tightly cased wells, 2010 to 2014. Dashed where inferred or approximately located. Contour interval 100 feet. Datum is North American Vertical Datum of 1988 (NAVD 88)
- General direction of groundwater flow**
- Site type**
 - Measured water well included in final groundwater-level dataset
 - Measured or visited flowing well included in final groundwater-level dataset
- Site information**
 - Site identifier [location of site within section (see site location diagram)]
 - Depth of well, in feet below land surface
 - Depth of groundwater level, in feet below land surface. Groundwater level equal to NM indicates flowing well could not be measured but was assumed for contouring purposes to be at least 10 feet above land surface altitude. Negative value indicates groundwater level above land surface
 - Groundwater-level altitude, in feet above NAVD 88, E, estimated (see text)
- Site location diagram**

Sections					
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Section 21 diagram showing well location at the intersection of sections b, a, c, and d.

Figure 10. Generalized potentiometric surface of the Green River Basin lower Tertiary aquifer system, 2010–14, northern Green River structural basin, Wyoming.