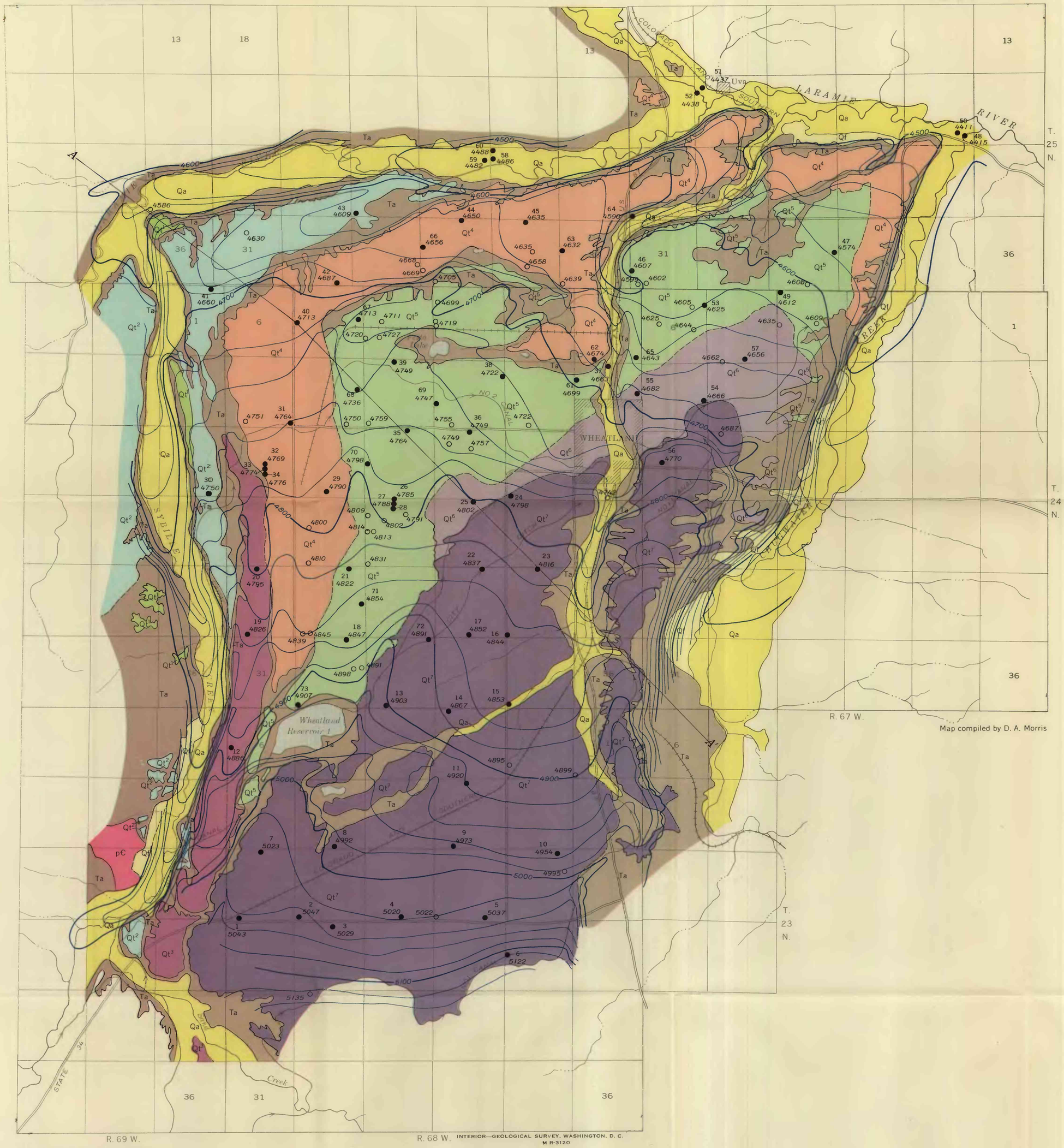
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-SUPPLY PAPER 1490
PLATE 2



Base modified from map prepared by
Wyoming State Highway Department

EXPLANATION

Qa
Alluvium
Coarse sand and gravel containing beds of silt and clay. Will yield moderate quantities of water to wells along stream valleys

Qf
Alluvial fan
Sand, gravel, cobbles, boulders, silt, and clay. Has small areal extent and is not known to supply water to any wells within the area

Qt^1 Qt^2 Qt^3 Qt^4 Qt^5 Qt^6 Qt^7
Correlated terrace deposits
Coarse sand and gravel containing thin layers of silt and clay. Yield moderate quantities of water to irrigation wells

Recent, Pleistocene — QUATERNARY

Ta
Arikaree formation
Loosely to moderately cemented fine-grained sandstone containing layers of concretionary sandstone. Supplies water to many stock and domestic wells in the area. Yields moderate quantities of water to wells that penetrate a thick saturated section of the material

Miocene — TERTIARY

pC
Granite, gneiss, schist, and other igneous and metamorphic rocks
Ground-water possibilities not known

PRECAMBRIAN

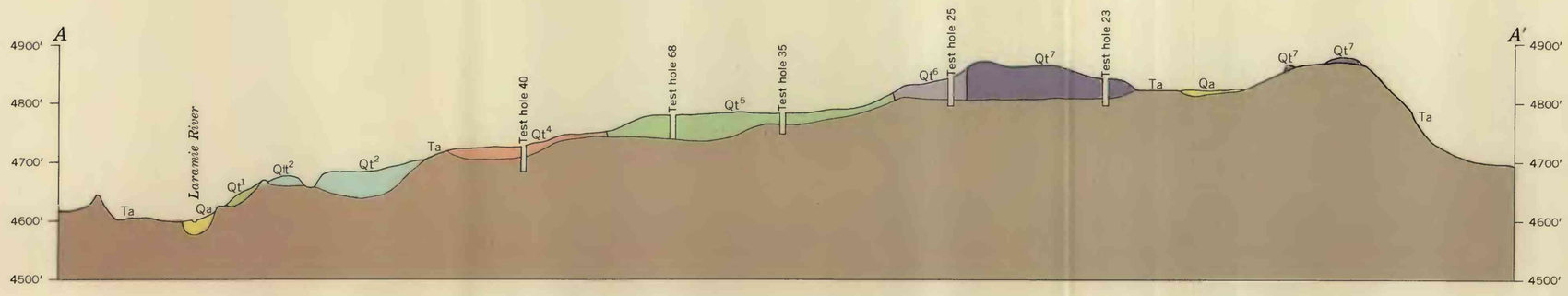
Contact
Dashed where approximately located

Test hole
Drilled for U. S. Geological Survey

Test hole
Privately drilled

56
4770
Upright number is test hole number as shown on geologic profiles. Inclined number is altitude of bedrock at base of unconsolidated deposits, in feet above sea level

4700
4800
Contours on top of the bedrock formations
Contour interval 20 feet



GEOLOGIC MAP OF WHEATLAND FLATS, PLATTE COUNTY, WYOMING, SHOWING CONFIGURATION OF THE ROCKS BENEATH THE QUATERNARY DEPOSITS

SCALE 1:63 360
1 ½ 0 1 2 3 4 5 MILES

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
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