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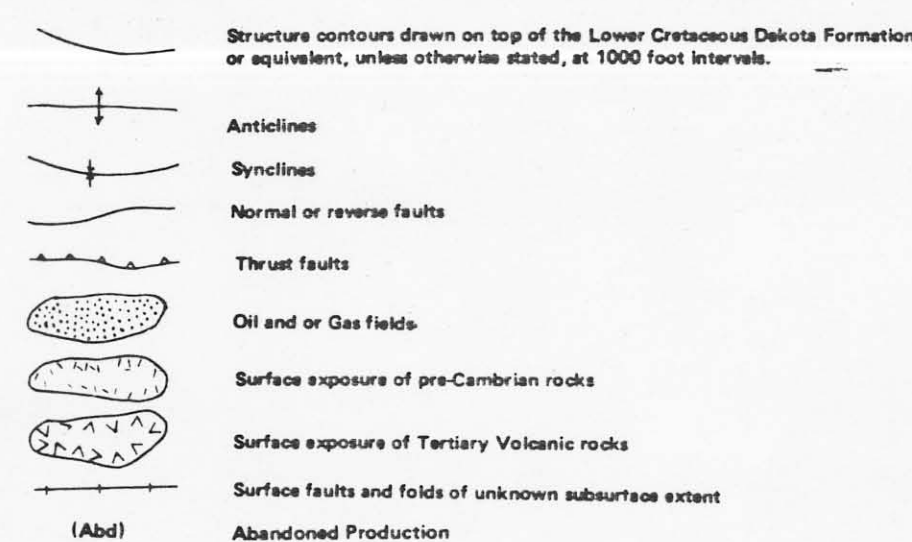
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PLATE I

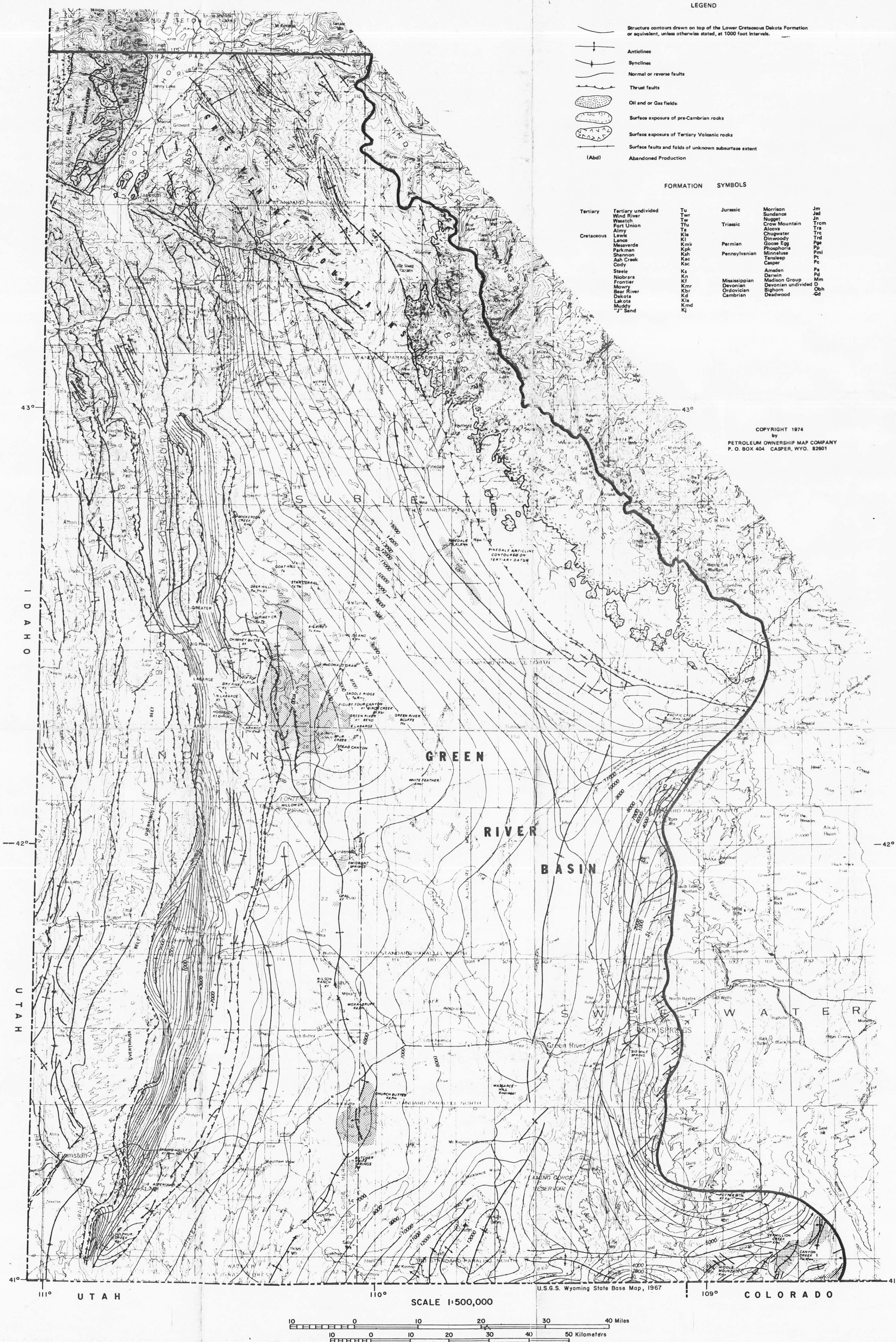
LEGEND



FORMATION SYMBOLS

Tertiary	Tertiary undivided	Tu	Jurassic	Morrison	Jm
	Wind River	Twr		Sundance	Jsd
	Wasatch	Tws		Nugget	Jn
	Fort Union	Tfu	Triassic	Crow Mountain	Jcm
	Almy	Ta		Alcova	Jal
	Lewis	KL		Chugwater	Jch
	Lance	KL		Timothy	Jtd
	Meander	Kml	Permian	Goose Egg	Jge
	Parkman	Kpk		Phosphoria	Jph
	Shannon	Ksh		Minerals	Jmi
	Ash Creek	Kac	Pennsylvanian	Tensleep	Jts
	Cody	Ksc		Casper	Jca
	Steele	Ks		Amador	Jam
	Niobrara	Kn		Darwin	Jd
	Frontier	Kf	Mississippian	Madison Group	Jmg
	Mowry	Kmr	Devonian	Devonian undivided	Jdu
	Bear River	Kbr	Ordovician	Bighorn	Jbh
	Dakota	Kd	Cambrian	Deadwood	Jdd
	Lakota	Kla			
	Mudgy	Kmd			
	J Sand	Kj			

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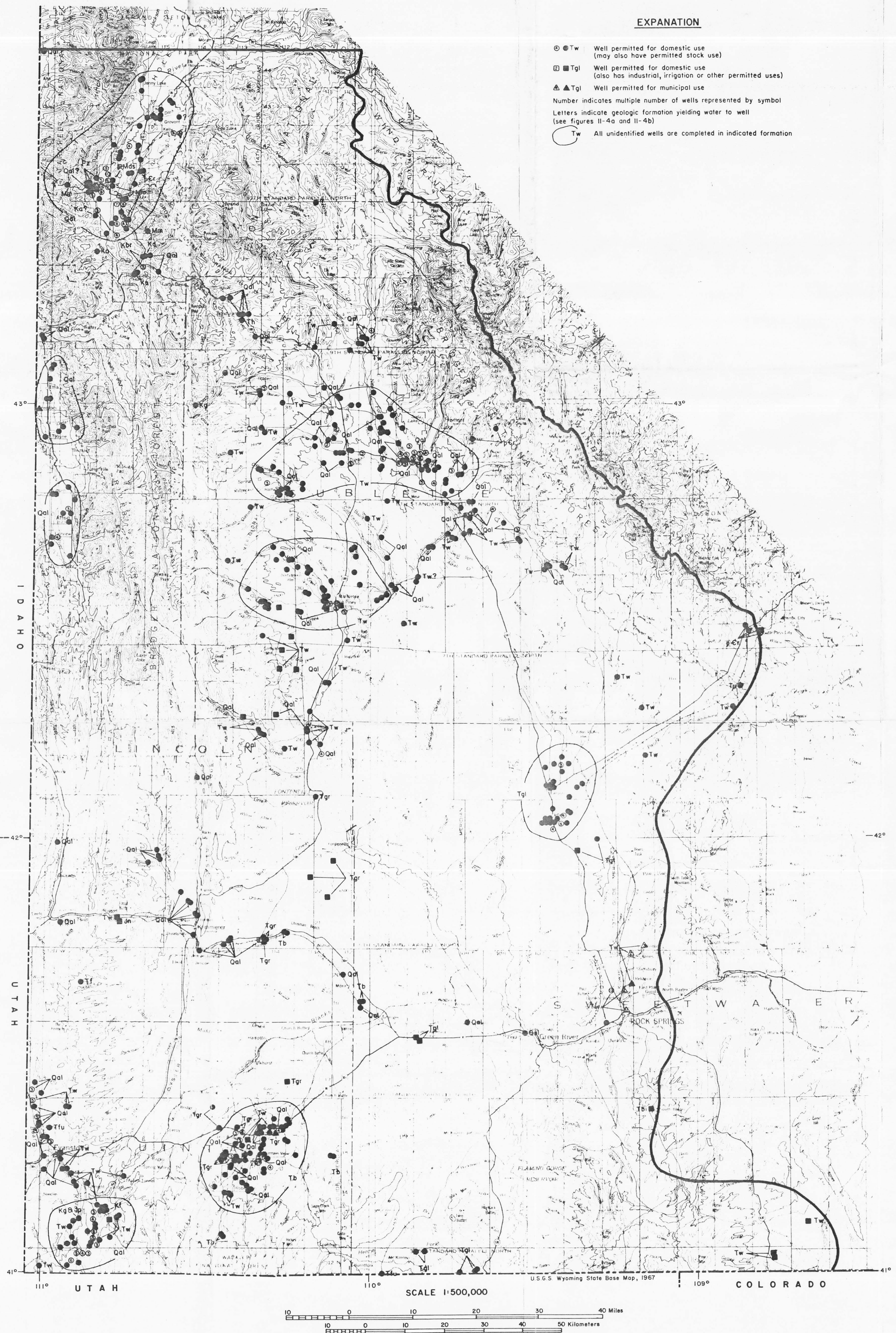


STRUCTURE CONTOUR MAP ON TOP OF
THE LOWER CRETACEOUS DAKOTA FORMATION,
GREEN RIVER BASIN AND OVERTHRUST BELT, WYOMING

PLATE 2

EXPLANATION

- Tw Well permitted for domestic use
(may also have permitted stock use)
- Tgl Well permitted for domestic use
(also has industrial, irrigation or other permitted uses)
- ▲ Tgl Well permitted for municipal use
- Number indicates multiple number of wells represented by symbol
- Letters indicate geologic formation yielding water to well
(see figures II-4a and II-4b)
- Tw All unidentified wells are completed in indicated formation



WELLS PERMITTED FOR DOMESTIC OR MUNICIPAL USE, GREEN RIVER BASIN AND OVERTHRUST BELT, WYOMING

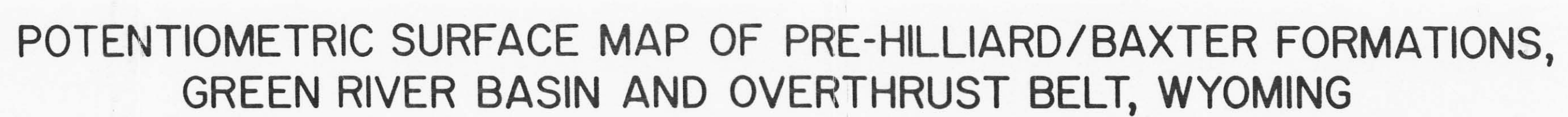
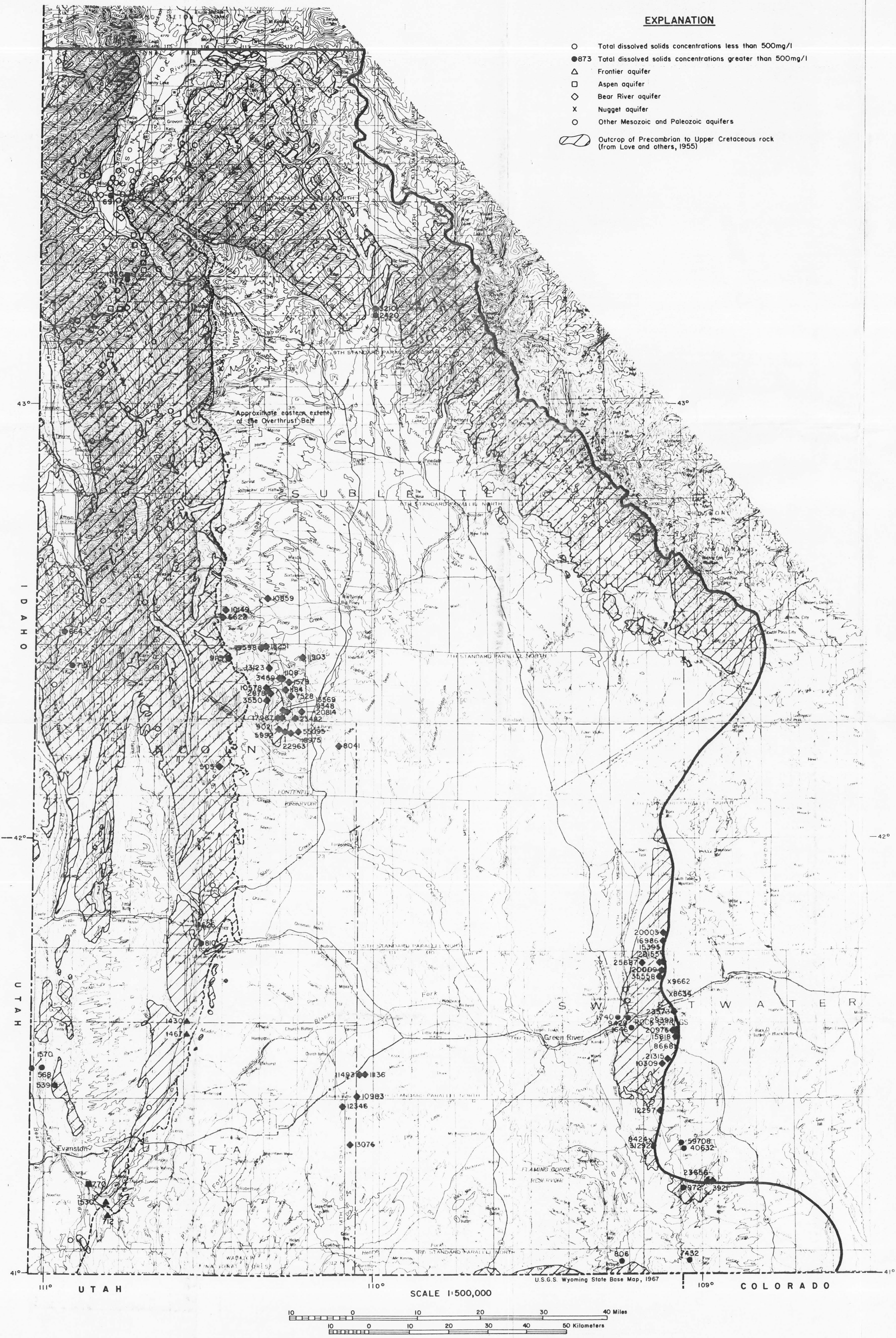


PLATE 4

EXPLANATION

- Total dissolved solids concentrations less than 500mg/l
- 873 Total dissolved solids concentrations greater than 500mg/l
- △ Frontier aquifer
- Aspen aquifer
- ◇ Bear River aquifer
- × Nugget aquifer
- Other Mesozoic and Paleozoic aquifers
- Outcrop of Precambrian to Upper Cretaceous rock (from Love and others, 1955)

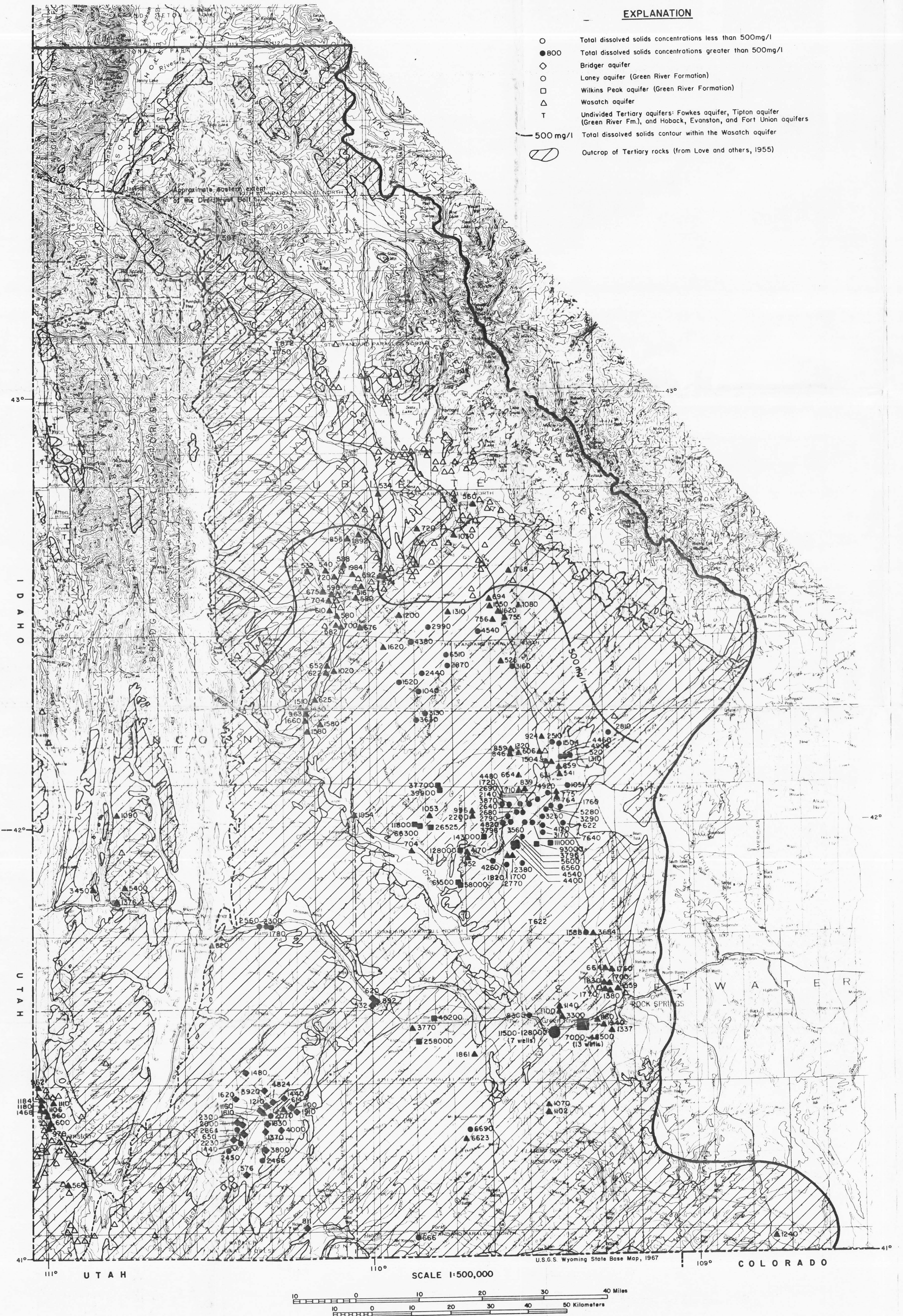


TOTAL DISSOLVED SOLIDS CONCENTRATIONS IN
THE PRECAMBRIAN TO UPPER CRETACEOUS AQUIFERS,
GREEN RIVER BASIN AND OVERTHRUST BELT, WYOMING

PLATE 5

EXPLANATION

- Total dissolved solids concentrations less than 500mg/l
- 800 Total dissolved solids concentrations greater than 500mg/l
- ◇ Bridger aquifer
- Loney aquifer (Green River Formation)
- Wilkins Peak aquifer (Green River Formation)
- △ Wasatch aquifer
- T Undivided Tertiary aquifers: Fowkes aquifer, Tipton aquifer (Green River Fm.), and Hoback, Evanston, and Fort Union aquifers
- 500mg/l Total dissolved solids contour within the Wasatch aquifer
- ▨ Outcrop of Tertiary rocks (from Love and others, 1955)



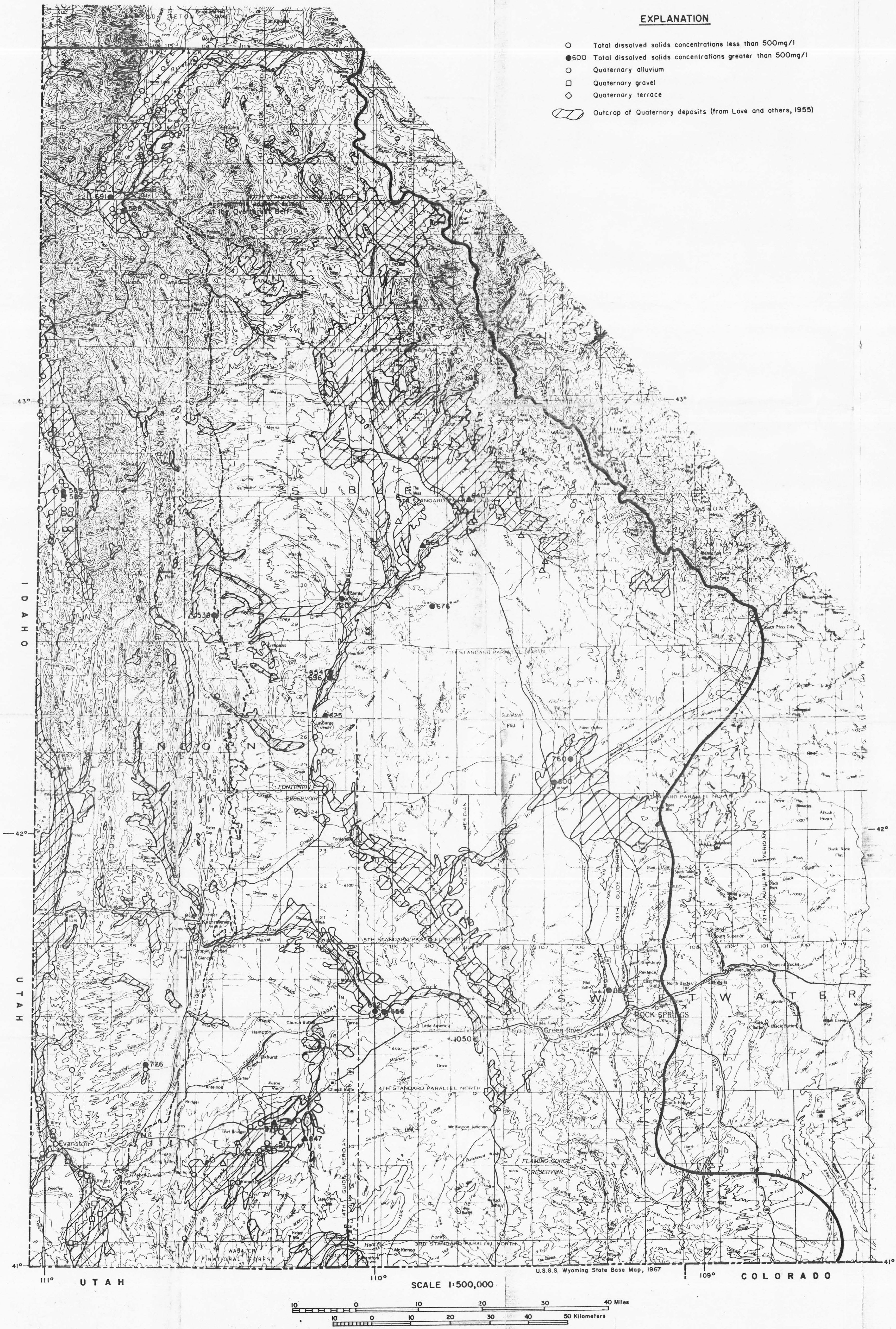
TOTAL DISSOLVED SOLIDS CONCENTRATIONS IN THE TERTIARY AQUIFER SYSTEM, GREEN RIVER BASIN AND OVERTHRUST BELT, WYOMING

WYOMING WATER RESOURCES RESEARCH INSTITUTE, 1981

PLATE 6

EXPLANATION

- Total dissolved solids concentrations less than 500mg/l
- 600 Total dissolved solids concentrations greater than 500mg/l
- Quaternary alluvium
- Quaternary gravel
- ◇ Quaternary terrace
- Outcrop of Quaternary deposits (from Love and others, 1955)



TOTAL DISSOLVED SOLIDS CONCENTRATIONS IN QUATERNARY DEPOSITS,
GREEN RIVER BASIN AND OVERTHRUST BELT, WYOMING