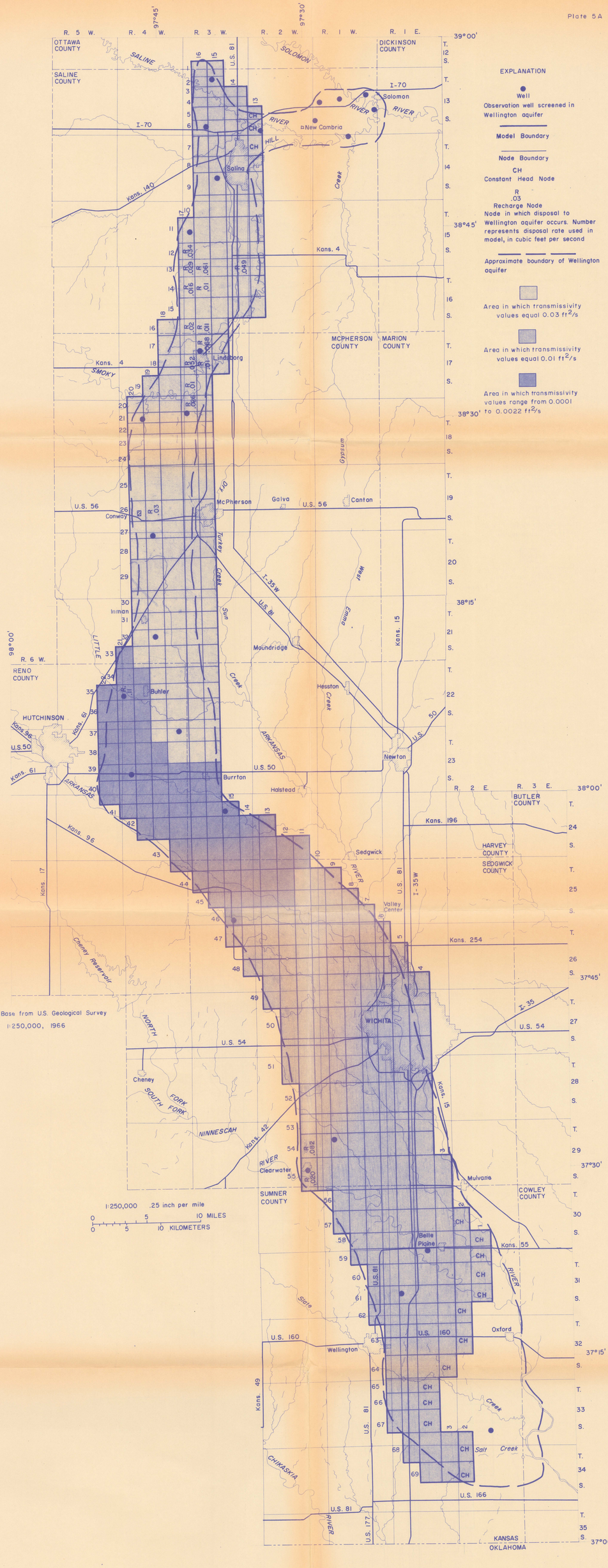
EXPLANATION
Well
Observation well screened in Wellington aquifer
Model Boundary
Node Boundary
CH
Constant Head Node
R
.03
Recharge Node
Node in which disposal to Wellington aquifer occurs. Number represents disposal rate used in model, in cubic feet per second
Approximate boundary of Wellington aquifer
Area in which transmissivity values equal 0.03 ft²/s
Area in which transmissivity values equal 0.01 ft²/s
Area in which transmissivity values range from 0.0001 to 0.0022 ft²/s
Base from U.S. Geological Survey
1:250,000, 1966
1:250,000 .25 inch per mile
0 5 10 MILES
0 5 10 KILOMETERS
OTTAWA COUNTY
SALINE COUNTY
DICKINSON COUNTY
MCPHERSON COUNTY
MARION COUNTY
RENO COUNTY
HUTCHINSON
BUTLER COUNTY
HARVEY COUNTY
SEDGWICK COUNTY
SUMNER COUNTY
COWLEY COUNTY
KANSAS
OKLAHOMA
Salina
New Cambria
Solomon
Lindsborg
McPherson
Galva
Canton
Conway
Inman
Buhler
Moundridge
Hesston
Newton
Burrton
Halstead
Sedgwick
Valley Center
WICHITA
Mulvane
Cheney
Clearwater
Belle Plaine
Oxford
Wellington
Cheney Reservoir
R. 5 W.
R. 4 W.
R. 3 W.
R. 2 W.
R. 1 W.
R. 1 E.
R. 6 W.
R. 2 E.
R. 3 E.
97°45'
97°30'
98°00'
39°00'
38°45'
38°30'
38°15'
38°00'
37°45'
37°30'
37°15'
37°00'