



Sources of water: Principal PRINCE GEORGE, JORDAN

Others ST. LAWRENCE?

PRODUCTION DATA

Date \_\_\_\_\_

Static water level 295

Pumping water level 370

Yield (g.p.m.) 500 Temp. 80°

Measuring point \_\_\_\_\_

Duration of pumping \_\_\_\_\_

Specific capacity 6.66

LABORATORY DATA Ph 6-264-265-266

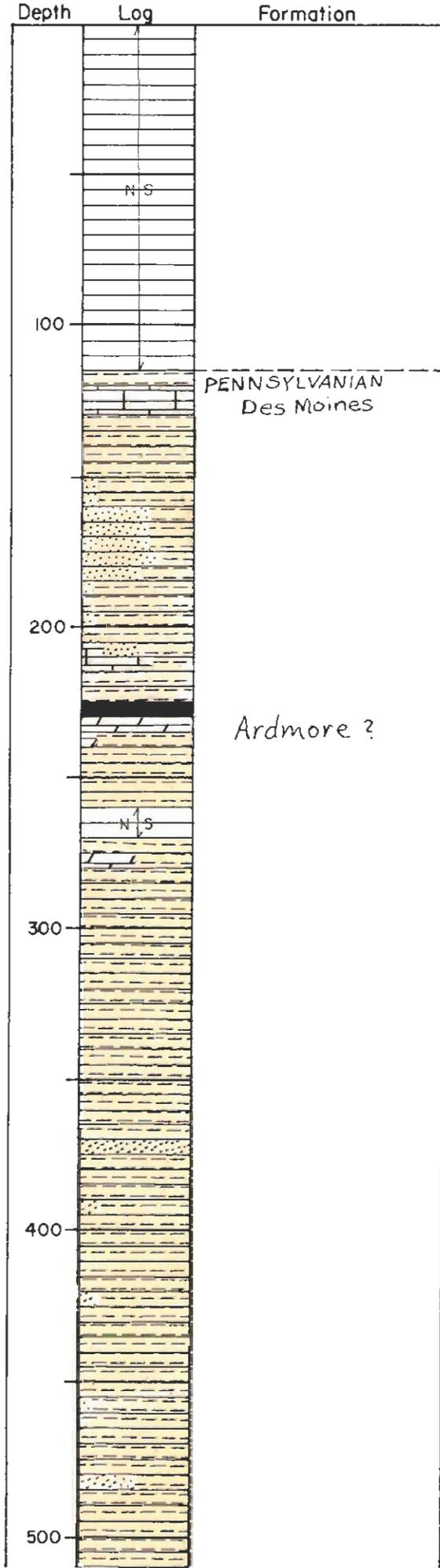
Well No. #17425 Sample range 115-2737 No. of samples 481

No. of dupls. and cond. 481 Fai Washed range 115-2737

Samples prepared by Bud Scheetz Date 1965

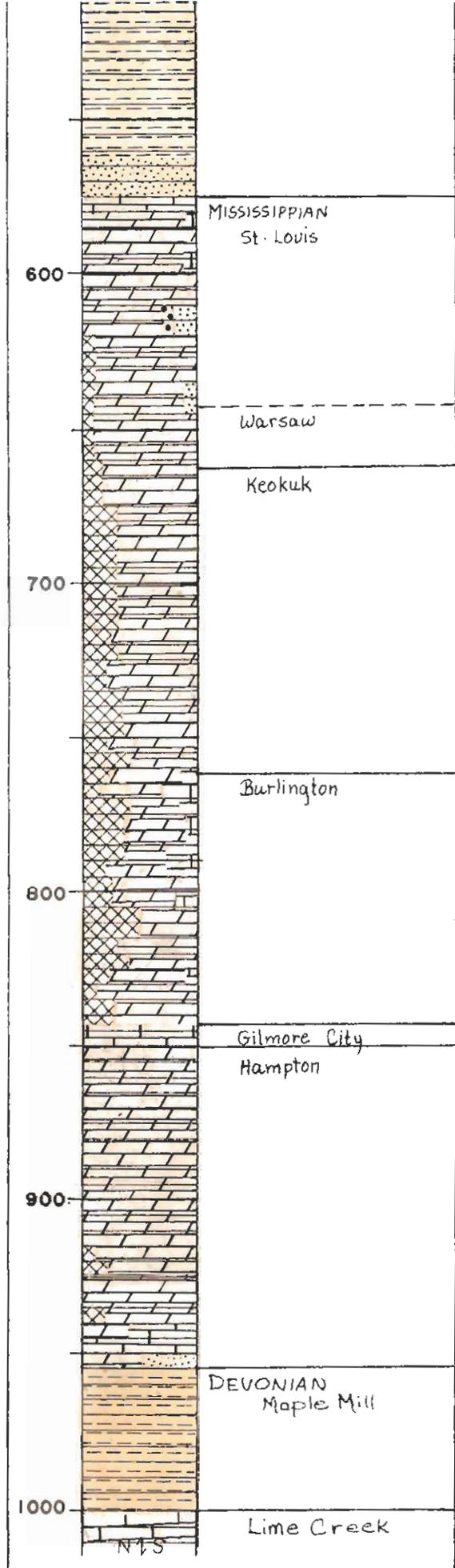
Logged by NORTHUP Date 1965

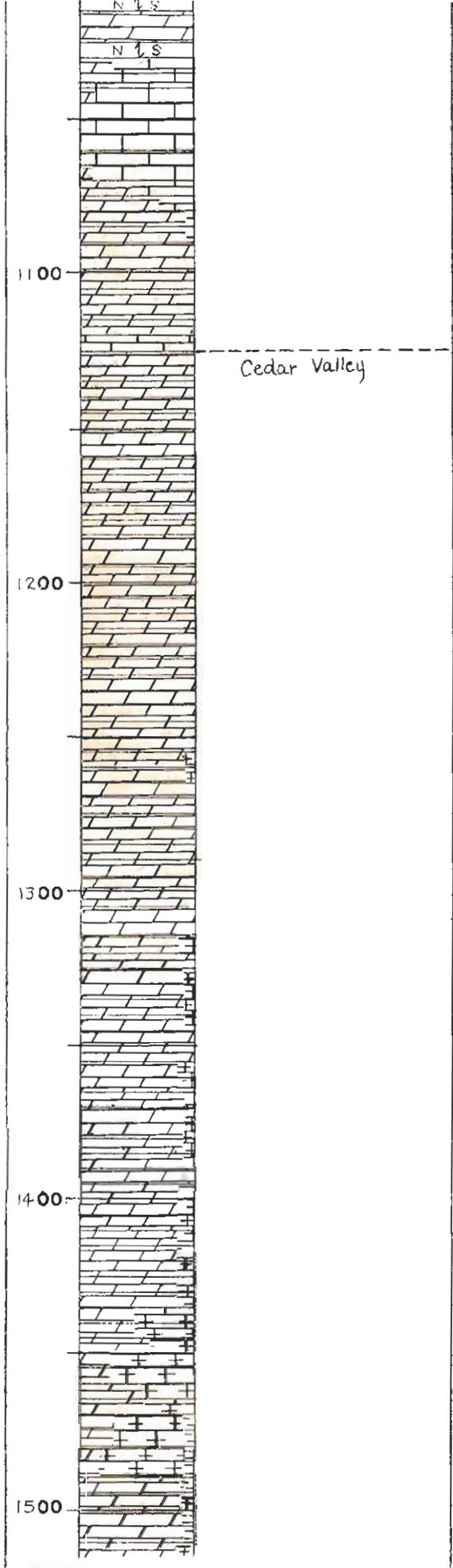
Correlations by \_\_\_\_\_ Date \_\_\_\_\_

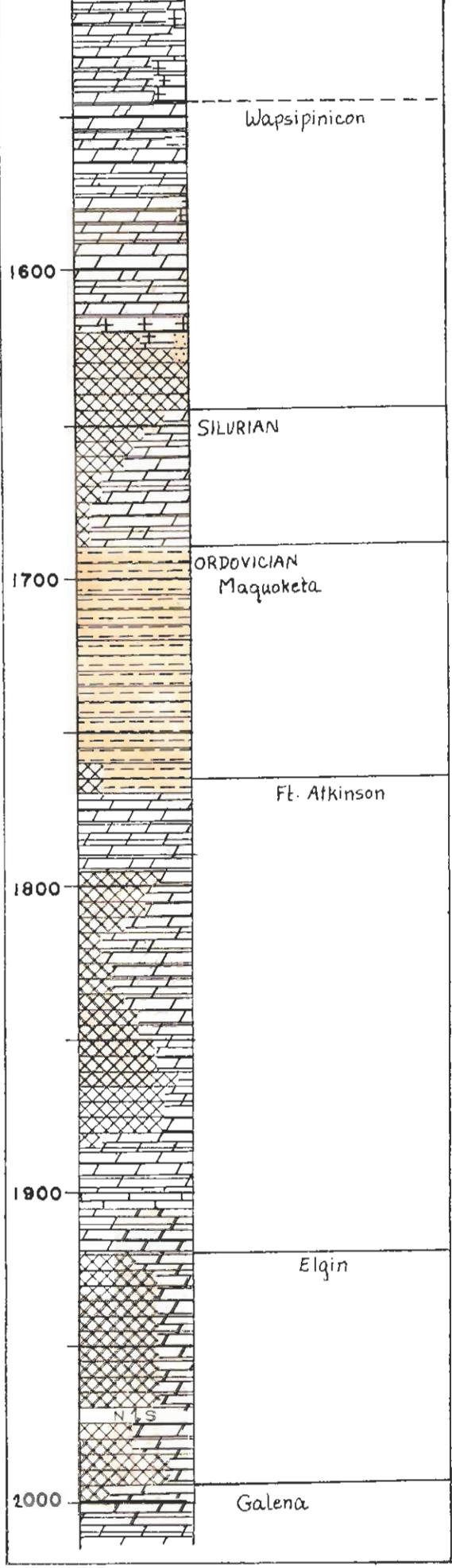


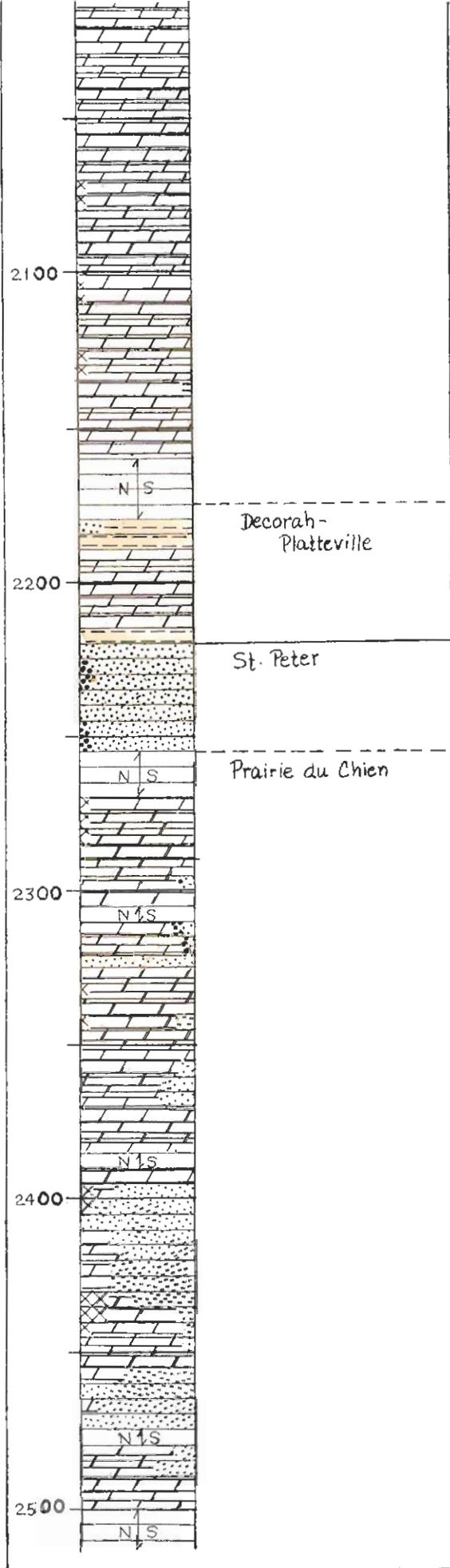
IOWA GEOLOGICAL SURVEY In Cooperation with U. S. GEOLOGICAL SURVEY Iowa City, Iowa																		
Name Waukee Town Well #3 (1965)		State Iowa																
Town Waukee	County Dallas	Loc.																
Contractor Driller Thorpe Well Co.		Sec. 33																
Drilling Dates Jan. 11 - Sept. 30, 1965		T. N., R. 79N. 26W.																
Casing Record 97' of 13 3/8" csg. 0-97'		<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																
1014' of 8" csg. + 2' to 1012' - cement grouted																		
153' of 7" OD liner 1643'-1796'																		
1447' of 5" csg. 974'-2421' - cement grouted																		
S.W.L. 295'	G.P.M. 500	D.D. 75'																
6.6 gpm/ft dd = sp. cap.																		
Remarks		Elev. 1045 ±																
		T.D. 2737'																
Logged By Northrup - 1965		I.G.S. No. W-17425																

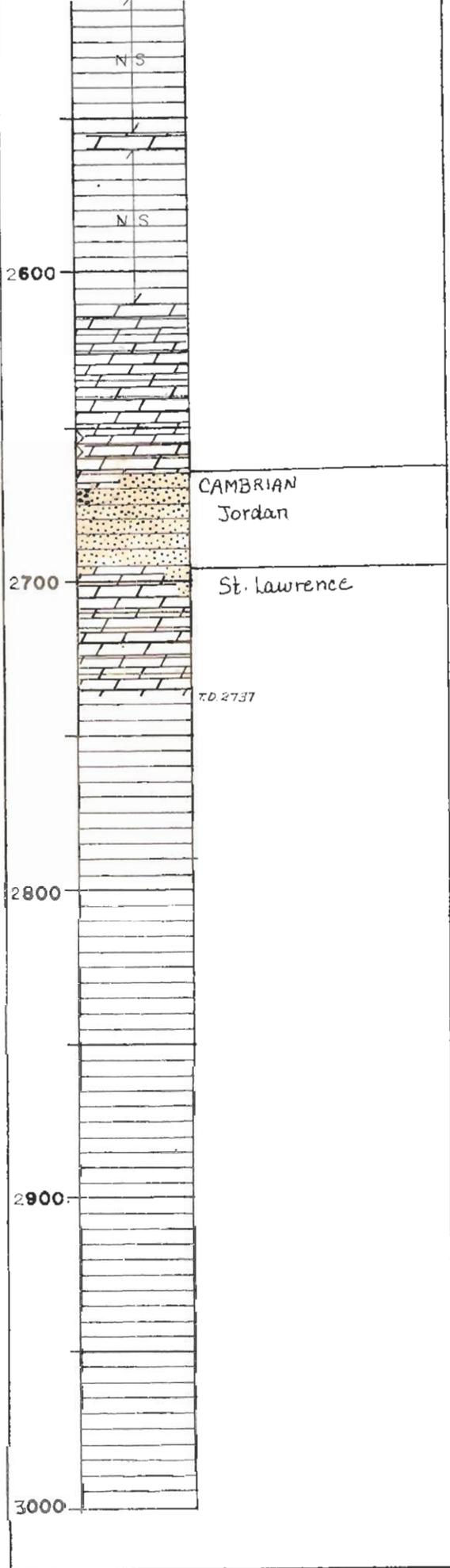
- Explonation of Colors
- Soil
  - Loess, Silt on Siltstone
  - Drift
  - Sand & Gravel
  - Shale
  - Sandstone
  - Limestone
  - Dolomite
  - Chert
  - Gypsum or Anhydrite
  - Coal
  - N+S No Samples











G-W Waukeewell folder  
Dallas Co.

August 23, 1965

MEMORANDUM

TO: H. G. Hershey  
FROM: R. C. Northup  
RE: Well at Waukeewell

Samples from the well at Waukeewell have been received to 2,295'. They are in the Prairie du Chien which was probably reached at around 2,260', though the exact top cannot be picked as the cuttings washed away and it was impossible to catch samples from 2,255' to 2,270'. This strongly suggests crevices to me, probably at the top of the Prairie du Chien, and I discussed the situation with Wes Thorpe when I called him this morning. He reports that the static water level fell from 202' to 240' at the 2,265-foot level, and since then there have been a number of minor fluctuations up and down. More crevices are indicated from 2,305' to 2,320' where again it was impossible to bail any cuttings. After the last run from 2,320 to 2,325 they were again able to catch a sample. A rough test on the water was made and Wes reports the quality to be poor. Of course everything below the lower Maquoketa is open and they are probably not getting a representative sample from the Prairie du Chien. At any rate they want to go to about 2,375' before setting their final string of casing. Waukeewell may be in a highly fractured area, as suggested by the high yields of a number of Jordan wells in Polk County. Thorpe also encountered a number of crevices in their Jordan wells at Milo and Stuart.

This creviced condition in the Oneota may be fairly widespread in Polk, Dallas, Warren and Madison Counties

PS Northup 10/72