

MAP OF
BUCHANAN COUNTY
 SHOWING
**AREA MOST FAVORABLE FOR THE DEVELOPMENT
 OF WELLS IN DRIFT AND ALLUVIUM**

BY
 DALE L. FULLER
 HARRY PICK
 W. B. RUSSELL
 J. S. WELLS

1957
 MISSOURI GEOLOGICAL SURVEY
 AND WATER RESOURCES
 ROLLA MISSOURI

THOMAS R. BEVERIDGE
 STATE GEOLOGIST

LEGEND

-  Area most favorable
-  Location of wells in drift and alluvium from which water was analyzed
-  Water sample analyzed from a "rock" well
-  Water sample analyzed from a stream

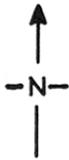
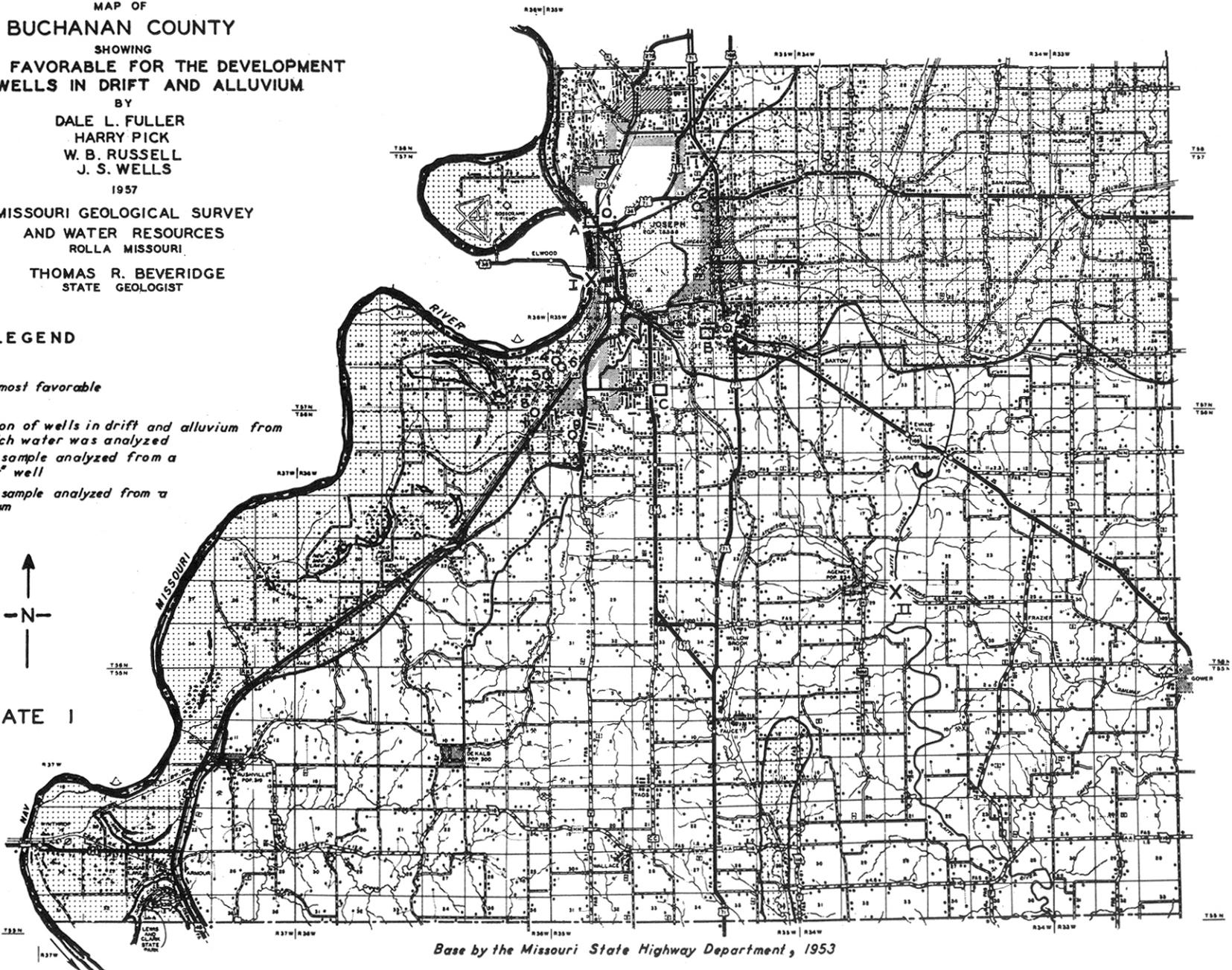


PLATE I



Base by the Missouri State Highway Department, 1953

MAP OF
BUCHANAN COUNTY
 SHOWING
**ALLUVIAL FILLED VALLEY IN
 WHICH IRRIGATION WELLS POSSIBLY
 CAN BE DEVELOPED**

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LEGEND



Alluvial filled valley



Drift filled valley

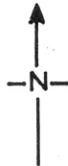
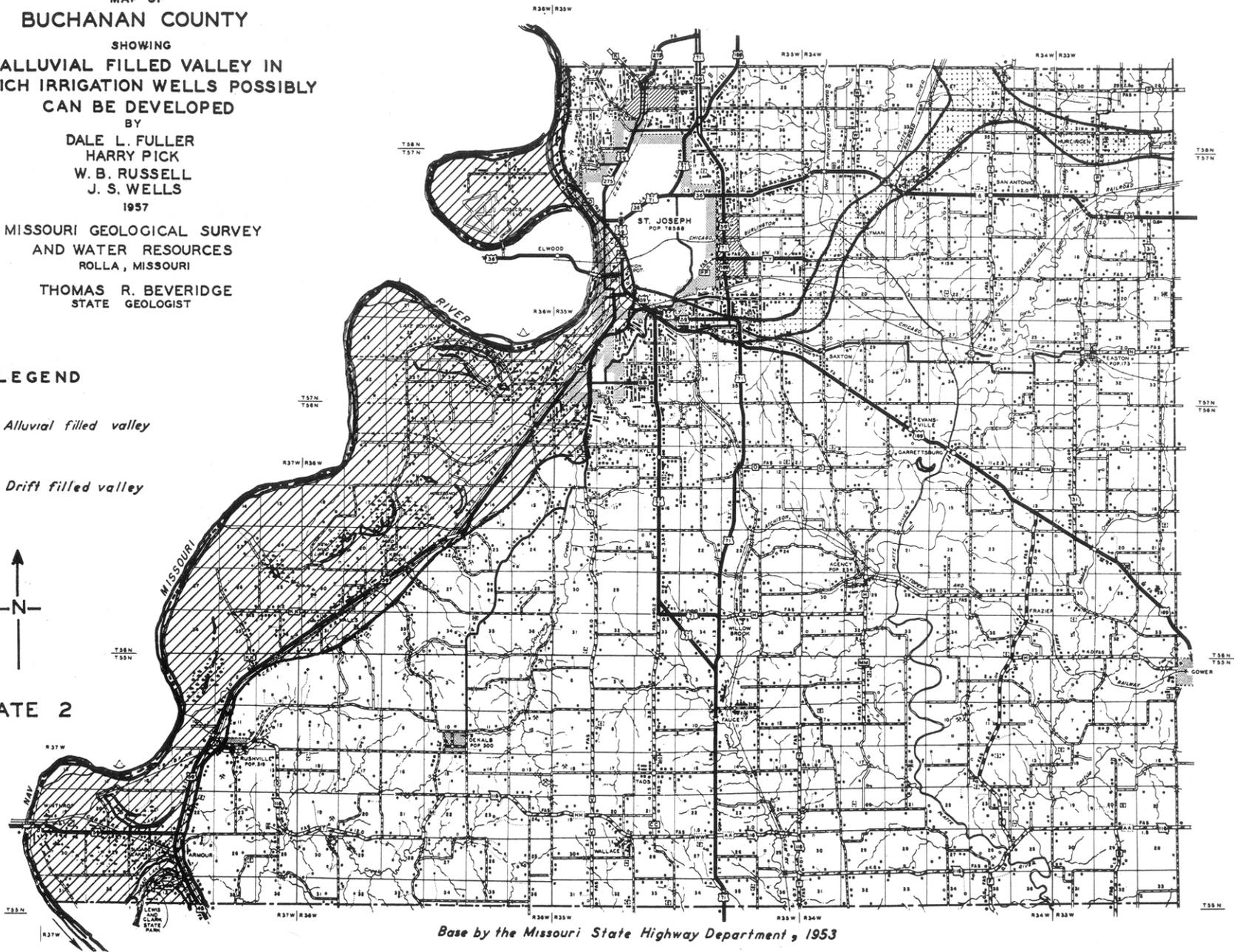


PLATE 2



Base by the Missouri State Highway Department, 1953

MAP OF
BUCHANAN COUNTY
 CONTOURED TO SHOW
BEDROCK ELEVATIONS

BY
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 J. S. WELLS
 1957

MISSOURI GEOLOGICAL SURVEY
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 ROLLA, MISSOURI

THOMAS R. BEVERIDGE
 STATE GEOLOGIST

LEGEND

- 135
650 *Test holes showing thickness in feet
of drift and elevation of bedrock
above sea level*
- *Water wells*
- X *Bedrock outcrops*
- ⊗ *Mine or quarry*
- 920 *Indicates outcrop elevation*

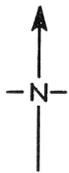
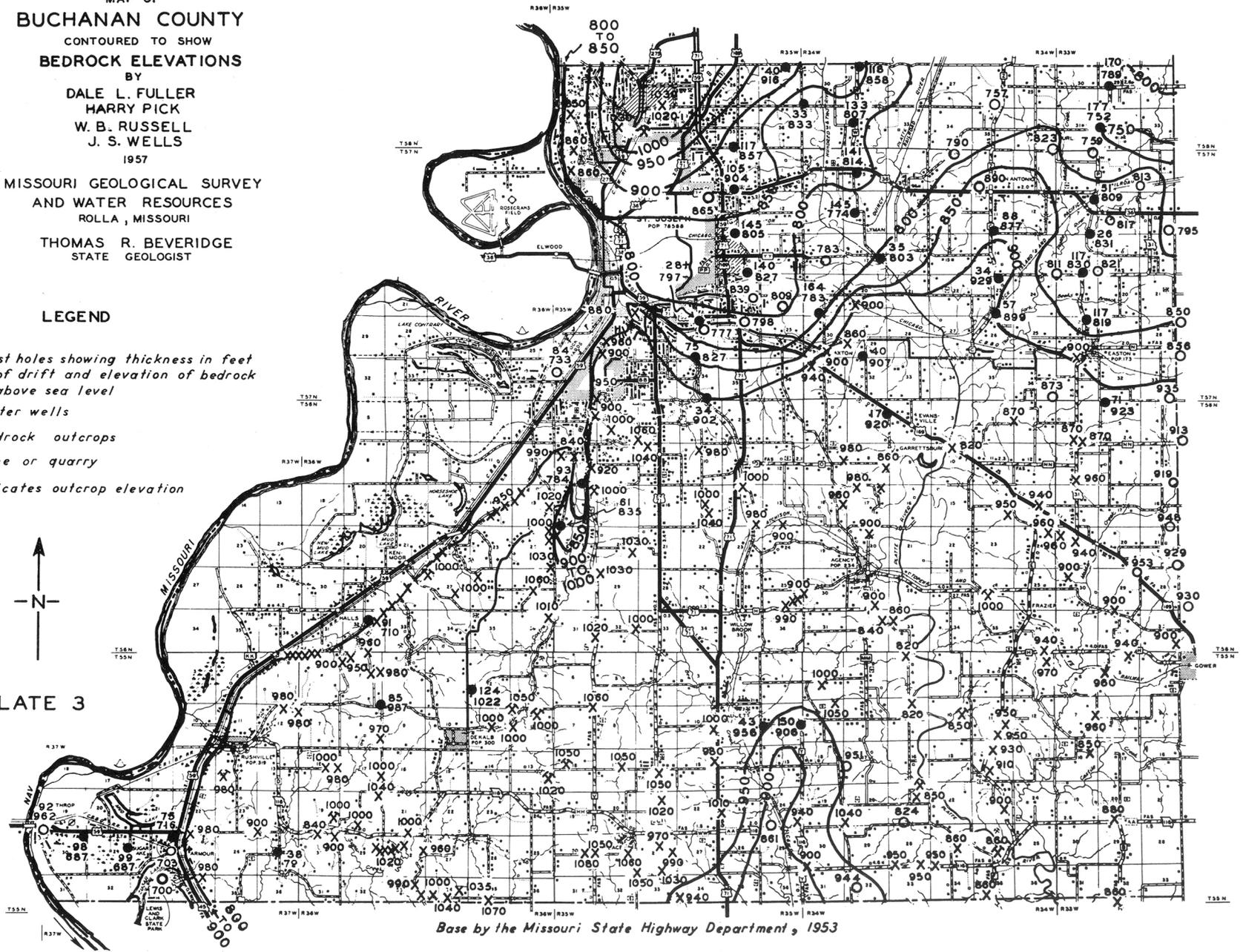


PLATE 3



Base by the Missouri State Highway Department, 1953