AREAS OF
PRINCIPAL GROUND-WATER INVESTIGATIONS
IN THE
ARKANSAS, WHITE, AND
RED RIVER BASINS

Prepared by S. W. Lohman and V. M. Burtis
with the assistance of the district offices
of the Ground Water Branch, Water Re­
sources Division, U.S. Geological Survey,
1953

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
HYDROLOGIC INVESTIGATIONS
ATLAS HA 2

Prepared in cooperation with the States
of Arkansas, Colorado, Kansas, Louisiana,
Missouri, New Mexico, Oklahoma, and Texas
<table>
<thead>
<tr>
<th>Counties/Regions</th>
<th>Geology and Ground-Water Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Baca County, ground-water resources: R. C. Baker, 1944, Kansas Geol. Survey.  
| 
| Colorado counties: Duke County, Monmouth County, and Saline County, ground-water resources: W. L. Steen, 1942, Kansas Geol. Survey.  
| 
| Arkansas counties: foreshore deposits of the Arkansas River near the city of Little Rock, inventory of wells and quality of ground water: R. T. Hill, 1951, Arkansas Board Water Engineers.  
| 
| 
| Oklahoma counties: design and construction of water wells; R. C. Baker, 1944, Kansas Geol. Survey.  

**COLORADO**


12. Grant, Haskell, and Ellis Counties, geology and ground-water resources: R. C. Baker, 1944, Kansas Geol. Survey, 12 pp., 6 figs.  


15. Arkansas counties: Middle Fork Pecos River near the city of Ft. Stockton, ground-water resources: C. W. Field, 1945, Texas Board Water Engineers.  

16. Arkansas counties: middle fork of the Pecos River near the city of Ft. Stockton, ground-water resources: W. L. Steen, 1942, Texas Board Water Engineers.  

17. Arkansas counties: middle fork of the Pecos River near the city of Ft. Stockton, ground-water resources: W. L. Steen, 1942, Texas Board Water Engineers.  


**NEW MEXICO**


**OHIO**


**OKLAHOMA**


**TENNESSEE**


**NEWARK**


40. Newark, Licking, and Fairfield counties, ground-water resources: W. L. Steen, 1942, Ohio Geol. Survey.  

41. Newark, Licking, and Fairfield counties, ground-water resources: W. L. Steen, 1942, Ohio Geol. Survey.  

42. Newark, Licking, and Fairfield counties, ground-water resources: W. L. Steen, 1942, Ohio Geol. Survey.  

**KANSAS**


**LOUISIANA**

47. Louisiana counties: design and operation of water wells and the artesian water resources of the Great Plains, J. C. Frye, 1942, Kansas Geol. Survey.  


**GROUNDED WATER LEVELS IN OBSERVATION Wells in the Arkansas, Yell, and Red River Basins**

<table>
<thead>
<tr>
<th>State</th>
<th>Wells in the Arkansas Basin</th>
<th>Wells in the Yell Basin</th>
<th>Wells in the Red River Basin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>90</td>
<td>50</td>
<td>30</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>30</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>Texas</td>
<td>100</td>
<td>50</td>
<td>25</td>
</tr>
</tbody>
</table>

Note: The table above represents the number of wells observed in each respective basin. Further analysis is required for accurate groundwater level predictions.