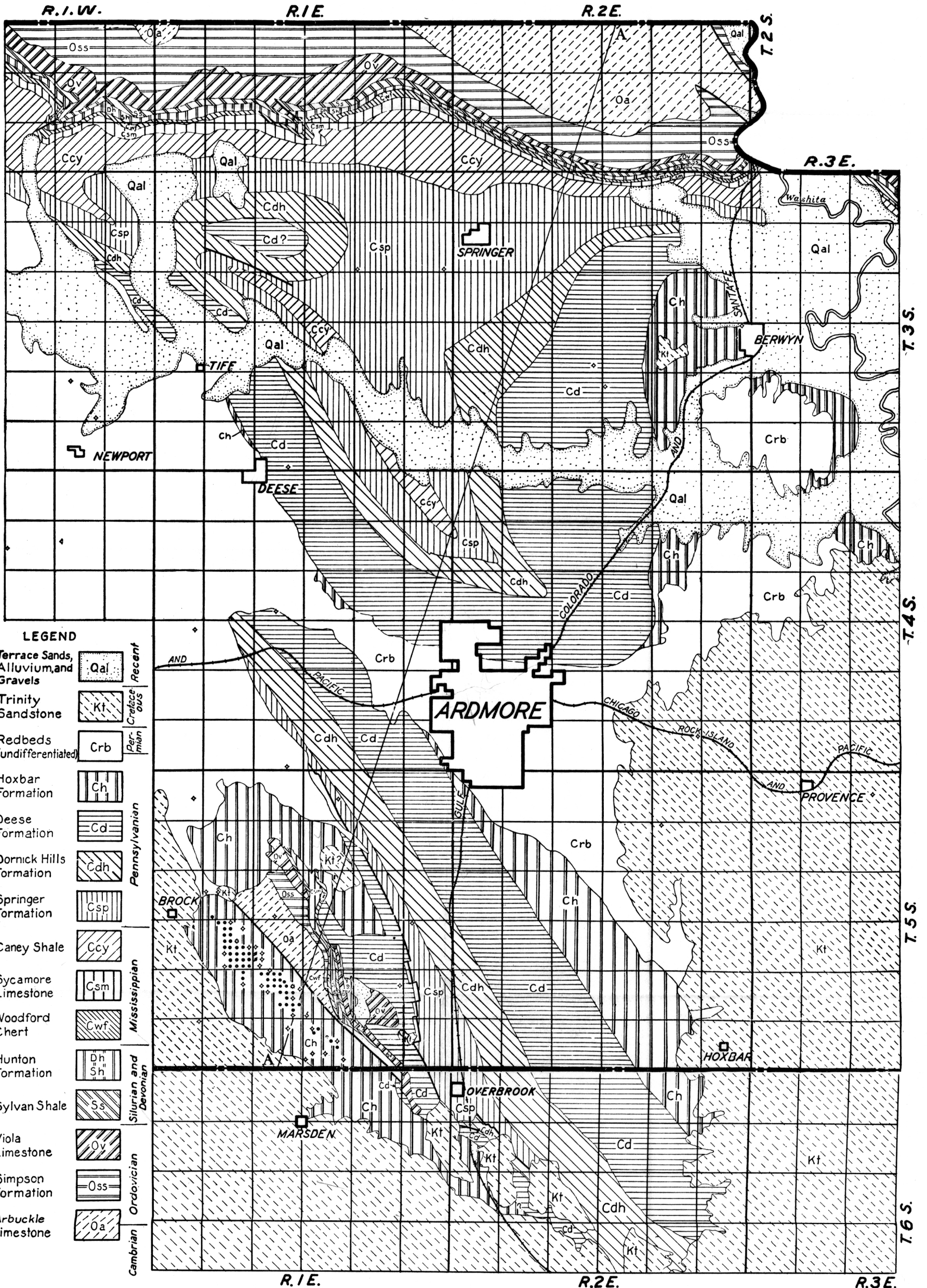


LEGEND FOR CROSS-SECTION

- Ch- Hoxbar Formation
- Cd- Deese Formation
- Cdh- Dornick Hills Formation
- Cs- Springer Formation
- Mc- Caney Shale
- MDSOs- Sycamore Limestone, Woodford Chert, Hunton Formation, Viola Limestone and Simpson Formation
- COa- Arbuckle Limestone
- Cr- Reagan Sandstone
- PC- Pre-Cambrian

Scale 0 7500 FT 10,000 FT 20,000 FT 30,000 FT
Horizontal Scale same as Vertical

OKLAHOMA GEOLOGICAL SURVEY
CHAS. N. GOULD, DIRECTOR
NORMAN, OKLA
1928



LEGEND

- Terrace Sands, Alluvium, and Gravels (Qal) Recent
- Trinity Sandstone (Kt) Cretaceous
- Redbeds (undifferentiated) (Crb) Permian
- Hoxbar Formation (Ch) Pennsylvanian
- Deese Formation (Cd) Pennsylvanian
- Dornick Hills Formation (Cdh) Pennsylvanian
- Springer Formation (Csp) Pennsylvanian
- Caney Shale (Ccy) Pennsylvanian
- Sycamore Limestone (Csm) Mississippian
- Woodford Chert (Cwf) Mississippian
- Hunton Formation (Dh, Sh) Silurian and Devonian
- Sylvan Shale (Ss) Silurian and Devonian
- Viola Limestone (Oy) Ordovician
- Simpson Formation (Oss) Ordovician
- Arbuckle Limestone (Oa) Cambrian

GEOLOGIC MAP OF THE ARDMORE BASIN

CARTER AND LOVE COUNTIES, OKLAHOMA

BY

C.W. TOMLINSON