



- EXPLANATION**
- Symbols in red indicate data on contoured horizon
- Structure contours
Drawn on base of Hartshorne Sandstone. Dashed where datum is eroded. Contour interval 300 feet
- Anticline Syncline
- Folds
Showing trace of axial plane
- Fault
U, upthrown side; D, downthrown side
- Reverse fault
T, designates upper plate
- Reverse fault bounding Lower Hartshorne coal bed
- Surface trace of contact between Hartshorne Sandstone (Ph) and Atoka Sandstone (Pa)
- Structural section shown on plate 4
- Unnamed coal bed in Savanna Formation
- Stigler coal bed
- McAlester coal bed
- Upper Hartshorne coal bed
- Lower Hartshorne coal bed
- Unnamed coal bed in Atoka Formation
- x⁴⁴
Exposure of coal
Number is thickness of coal, in inches
- ₃₂
Surface opening on coal bed
Number is thickness of coal, in inches
- Mine shaft
- ☉
Quarry
- ₄₃
Drill hole or mine locality in Lower Hartshorne coal bed
Number is thickness of coal, in inches
- ▨
Mined area in Lower Hartshorne coal bed
- ₄₂
Lower Hartshorne coal bed thickness line in Arkansas
Number is thickness of coal, in inches
- ₁₀₀₀
Lower Hartshorne coal bed overburden thickness line
Number is thickness of overburden, in feet
- Boundary between measured and indicated reserves and inferred reserves of coal
Square on side of area of measured and indicated reserves of coal
- ☉₂
Gas producing
- ☉₁₂
Show of gas
- ☉₁₃
No show of gas
- ☉₃
Being drilled as of January 1, 1964
- Wells
Number designates well listed in table in text
- ▨
Gas field

**STRUCTURE CONTOUR, COAL BED, AND GAS FIELD MAP OF GREENWOOD QUADRANGLE
SEBASTIAN COUNTY, ARKANSAS, AND LE FLORE COUNTY, OKLAHOMA**



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Geology by Boyd R. Haley and
Thomas A. Hendricks, 1934 and 1960

Base from U.S. Geological Survey, 1:62,500, 1947