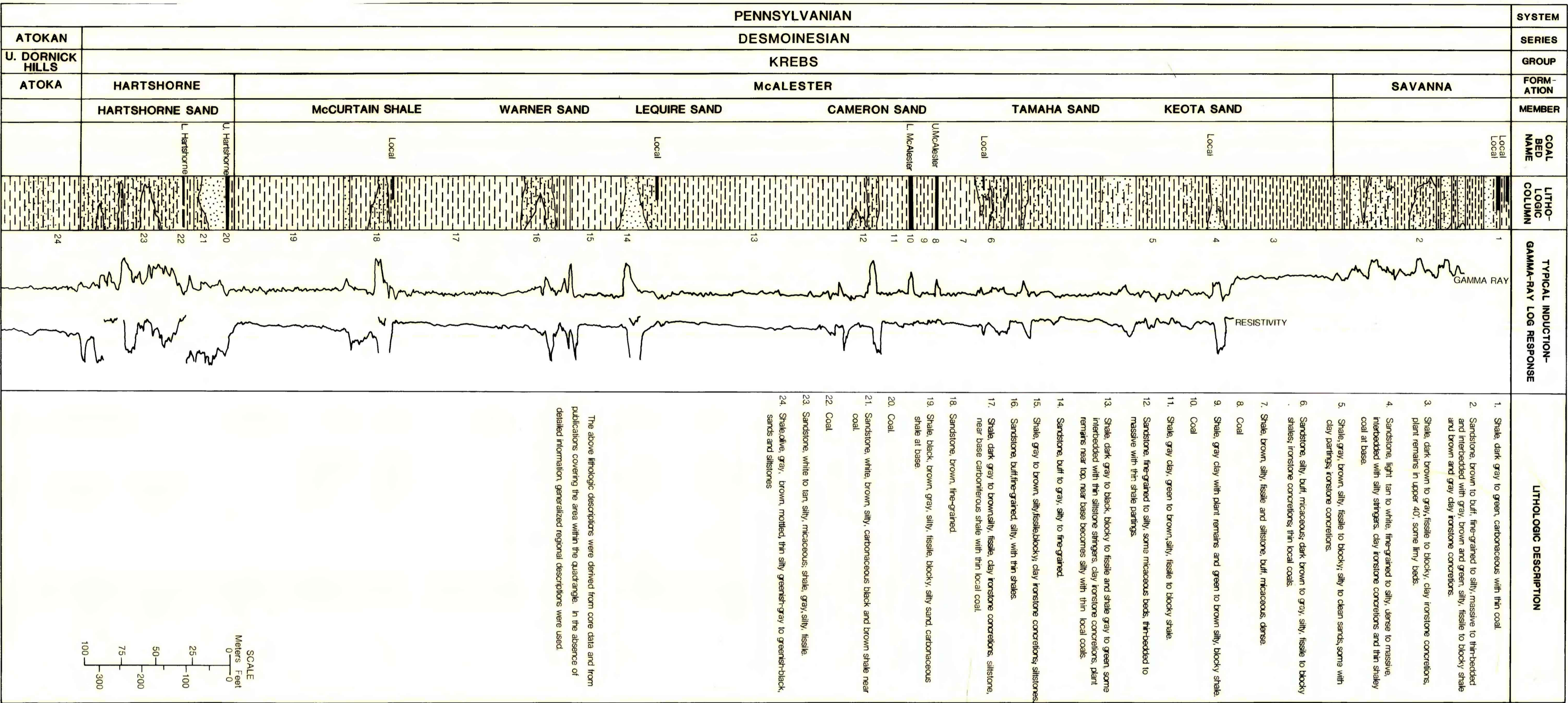
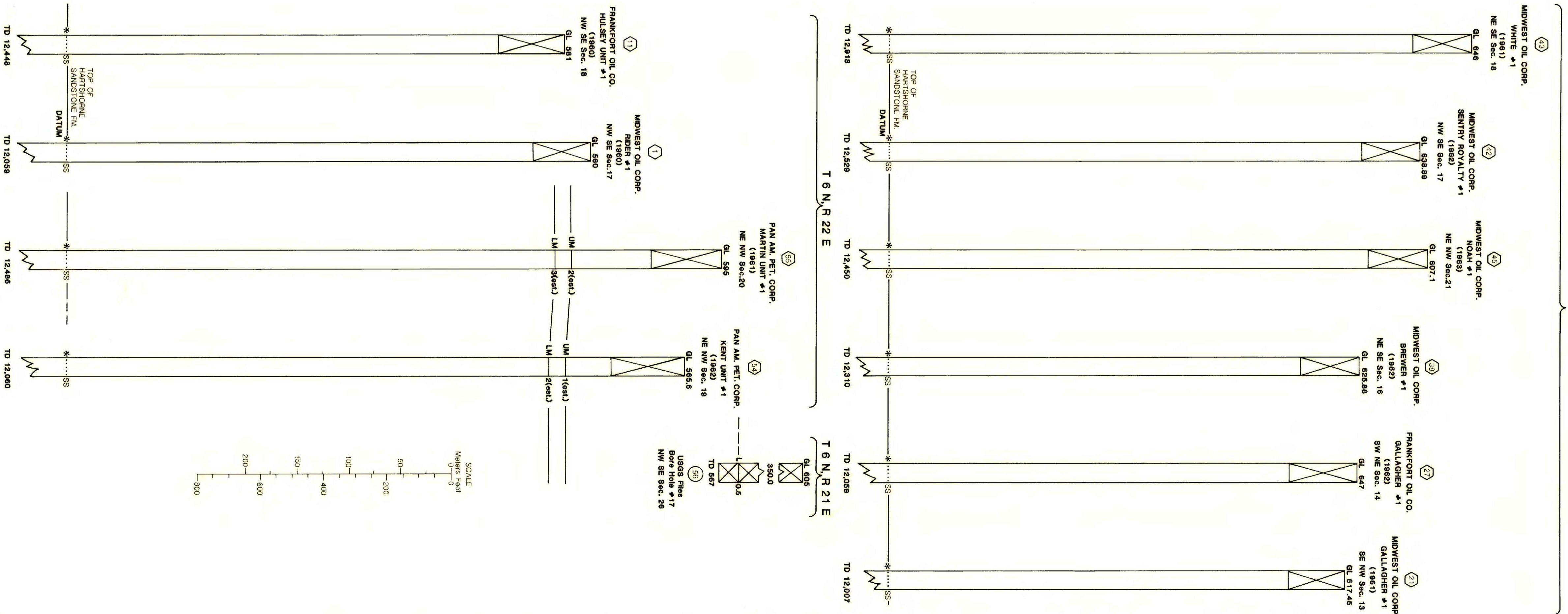


COMPOSITE COLUMNAR SECTION



CORRELATION OF COAL BEDS FROM WELLS LOGS



FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE RED OAK 15-MINUTE QUADRANGLE, LATIMER COUNTY, OKLAHOMA

BY GEOLOGICAL SERVICES OF TULSA, INC. AND B. T. BRADY, USGS

EXPLANATION

5 JONES OIL CORPORATION Plate I, Table II SW NW Sec. 28 NE NW Sec. 29

Index Number
Petroleum Company Name
Well name and number (date logged)
Well or measured section location
Altitude, in feet, to top of drill hole or measured section. When estimated - est., when no altitude - NA
No record of lithology
Coal bed, showing estimated thickness in feet based on well log interpretation
Rock interval showing thickness in feet not plotted
SS - Hartshorne sandstone formation reference datum - Formation top selected because of proximity of Hartshorne Coals to nearby coal occurrences
CNL (Coal Not Logged) - Formation Dip-sily log indicates absence of a particular coal seam
Column shown truncated to TD in deep oil and gas well
Total depth from ground level in feet
When TD not recorded - NR
L Local (unmined) coal bed
SE Sector Coal
UM Upper McAlester Coal
LM Lower McAlester Coal
UH Upper Hartshorne Coal
LH Lower Hartshorne Coal
H Hartshorne Coal

22 USGS FILES Plate I, Table II SW NW Sec. 28 NE NW Sec. 29

Index number of composite mine section, coal test hole, or outcrop measured section. USGS files source indicates non-proximately information from Tulsa USGS office.
Bure coal showing thickness in feet
Coal bed showing estimated thickness in feet
Coal interval showing thickness in feet
Rock (including bone) thickness in feet
Rock interval, thickness estimated where bones distal as data not available. No record of lithology
Mixed coal and rock interval thickness (fractional)
TD NR

7 KNECHTEL, M. M. (1948) Plate I, Table II SE NW Sec. 28 NE NW Sec. 29

Index number of the measured section
Reference source and date of publication
Column left open at ends when measured section continues into rock units
NOTE: Thickness reported to tenths of feet only when resolution of data permitted
NOTE: The explanation has been compiled to depict all possible combinations of data and does not intentionally represent any particular data points.

COAL BED SYMBOLS AND NAMES