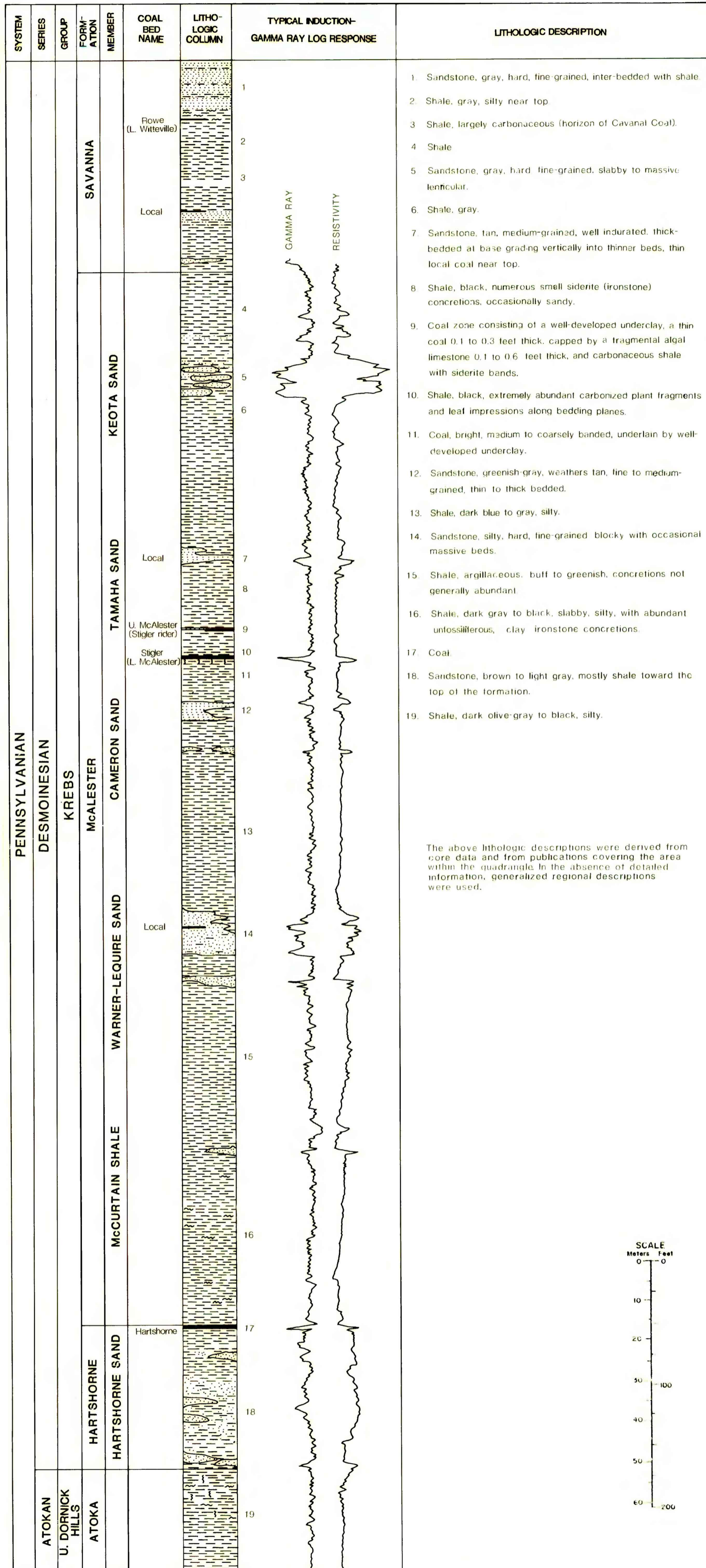


COMPOSITE COLUMNAR SECTION



EXPLANATION

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, when no altitude: "EA"
 No record of lithology
 Coal bed, showing estimated thickness in feet based on well log interpretation
 Rock interval
 Break in rock interval showing thickness in feet not plotted
 SS - Hartshorne sandstone formation, etc. datum. Formation for sediment cause of proximity of Hartshorne coal.
 * Indicates suite of well logs insufficient to verify coal occurrence
 GH (Local Not Indicated) - Formation in silty log indicates absence of a point for Coal seam.
 Column shown truncated to TD in case of oil and gas well.
 Total depth from ground level in feet. When TD not recorded: "NR"

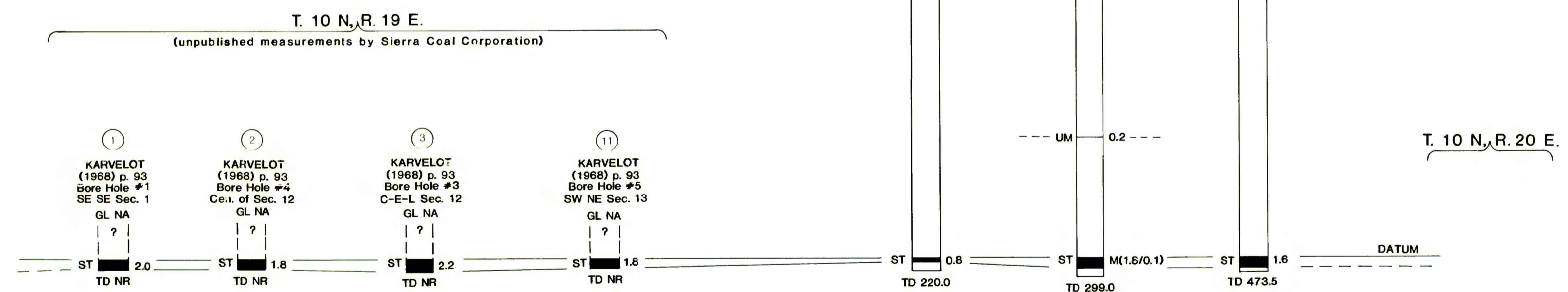
Index number of composite columnar section, coal test hole, or outcrop measured section. USGS files source indicates non-proprietary information from Tulsa USGS office.
 Bone Coal showing thickness in feet
 BR - Coal thickness not recorded
 Coal interbedded with rock, bone or bed rock and coal, total coal thickness of rock (including bone) thickness in feet
 Rock interval, thickness estimated (where lines dashed) as data not available. No record of lithology.
 Fixed Coal and rock interval thickness (precise coal or rock thickness not reported)

Index number of the measured section.
 Reference source and date of publication.

Columns left open at ends when measured section continues into rock units.
 NOTE: Thickness reported to tenths of feet only when resolution of data permitted.

RO - Rovere Coal
 L - Local (transmitted) coal bed
 SE - Secor Coal
 UM - Upper McAlester (Stigler index) coal
 ST - Stigler (Lower McAlester) Coal
 UM - Upper Hartshorne Coal
 LH - Lower Hartshorne Coal
 H - Hartshorne Coal

COAL BED SYMBOLS AND DATA



FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE STIGLER WEST 7.5 MINUTE QUADRANGLE, HASKELL AND MUSKOGEE COUNTIES, OKLAHOMA

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

OAKES & KNECHTEL (1948) p. 99
 Prospect Measured Sec. 1
 NW NW Sec. 13
 GL NA

Note: Local Coal in the Warner Sandstone refer to Composite Columnar Section

This report was prepared under contract to the U.S. Geological Survey, and has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature. Opinions expressed herein do not necessarily represent those of the Geological Survey.

ATOKAN
 U. DORNICK
 ATOKA
 HARTSHORNE
 HARTSHORNE
 McCURTAIN SHALE
 WARNER-LEQUIRE SAND
 CAMERON SAND
 TAMAHA SAND
 KEOTA SAND
 SAVANNA

COMPILED IN 1980
 PLATE 3
 SHEET 1 OF 3
 COAL DATA SHEET

This sheet intended for large-scale plotting purposes only.