

Peabody Coal Co.
Diamond Drill Cores 47 and 49*
Union County, Kentucky

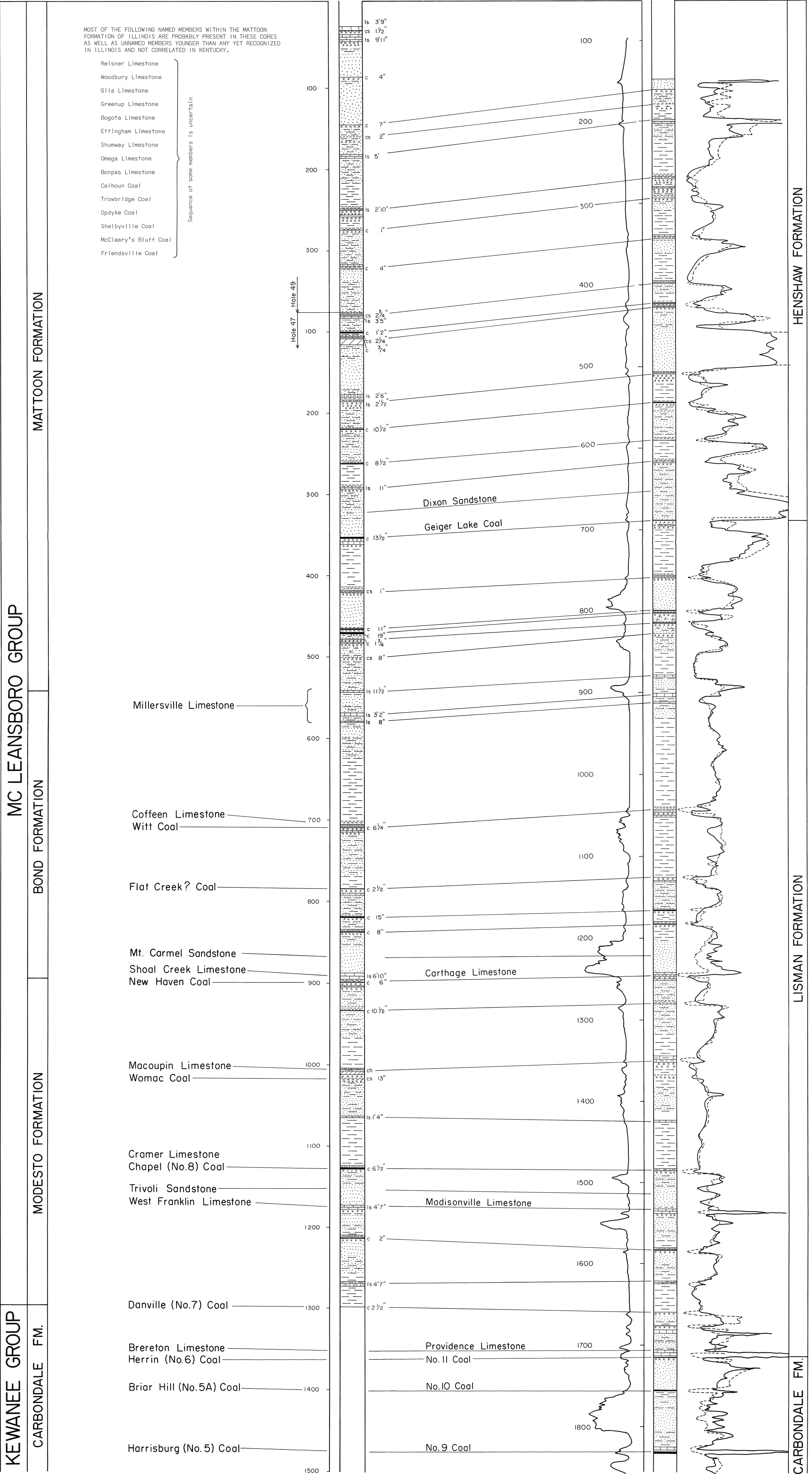
C.E. O'Neal and Co.
#1 H. M. Shouse*
Union County, Kentucky

Named Members in Illinois

Named Members in Western Kentucky

MOST OF THE FOLLOWING NAMED MEMBERS WITHIN THE MATTOON FORMATION OF ILLINOIS ARE PROBABLY PRESENT IN THESE CORES AS WELL AS UNNAMED MEMBERS YOUNGER THAN ANY YET RECOGNIZED IN ILLINOIS AND NOT CORRELATED IN KENTUCKY.

- Reisner Limestone
 - Woodbury Limestone
 - Gila Limestone
 - Greenup Limestone
 - Bogota Limestone
 - Effingham Limestone
 - Shumway Limestone
 - Omega Limestone
 - Bonpas Limestone
 - Calhoun Coal
 - Trowbridge Coal
 - Opdyke Coal
 - Shelbyville Coal
 - McCleary's Bluff Coal
 - Friendsville Coal
- Sequence of some members is uncertain



- | | | |
|-----------|-------------------------------|--------------------|
| Sandstone | Limestone | Coal |
| Shale | Fossiliferous Shale | Carbonaceous Shale |
| Siltstone | Black Shale | Core Loss |
| Claystone | Calcareous Sandstone or Shale | |
- *Location shown on figure 1
- c = Coal
cs = Carbonaceous Shale
ch = Coal Horizon
ls = Limestone or Fossiliferous Shale
- Lithologies in Shouse Test added by authors

CORRELATION OF LATE PENNSYLVANIAN STRATA IN WESTERN KENTUCKY AND ADJACENT ILLINOIS

by

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