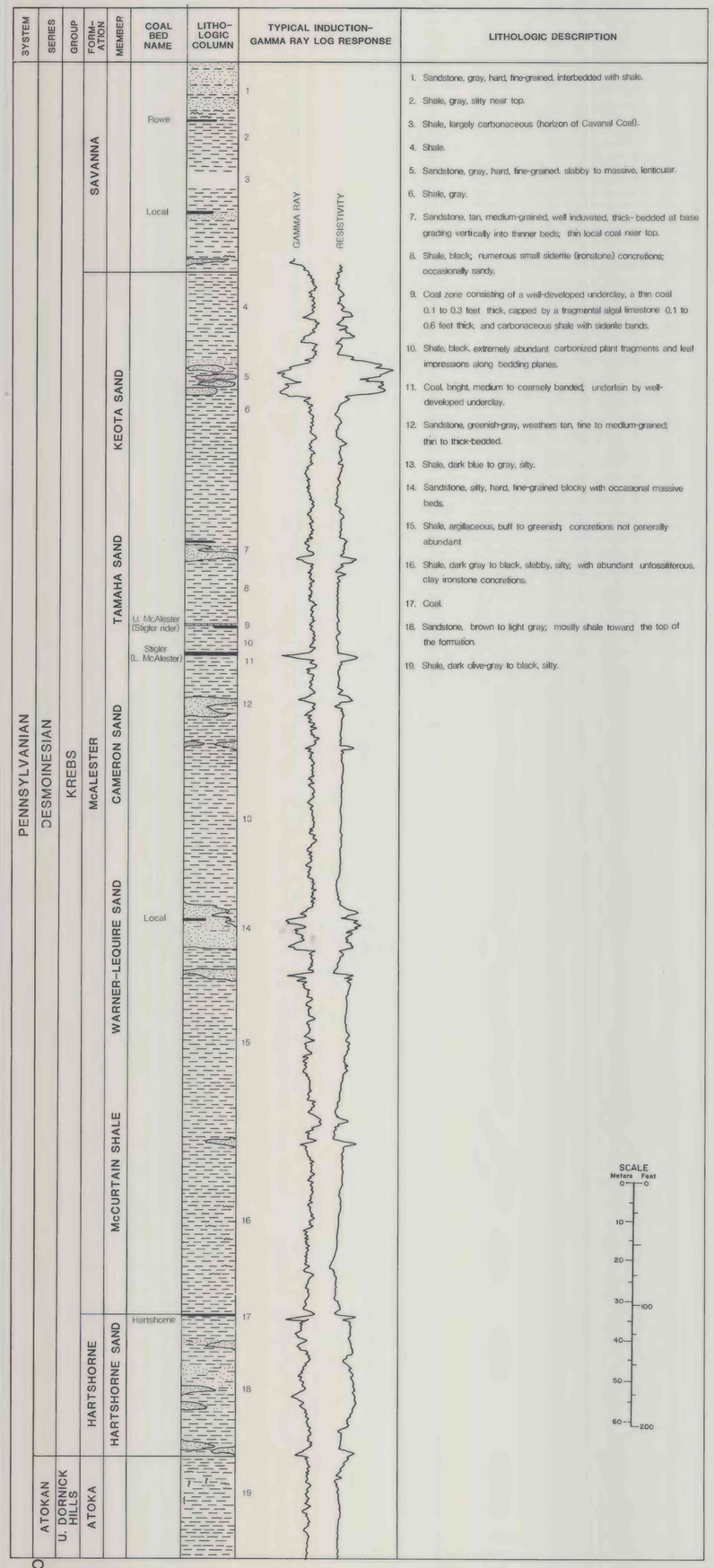
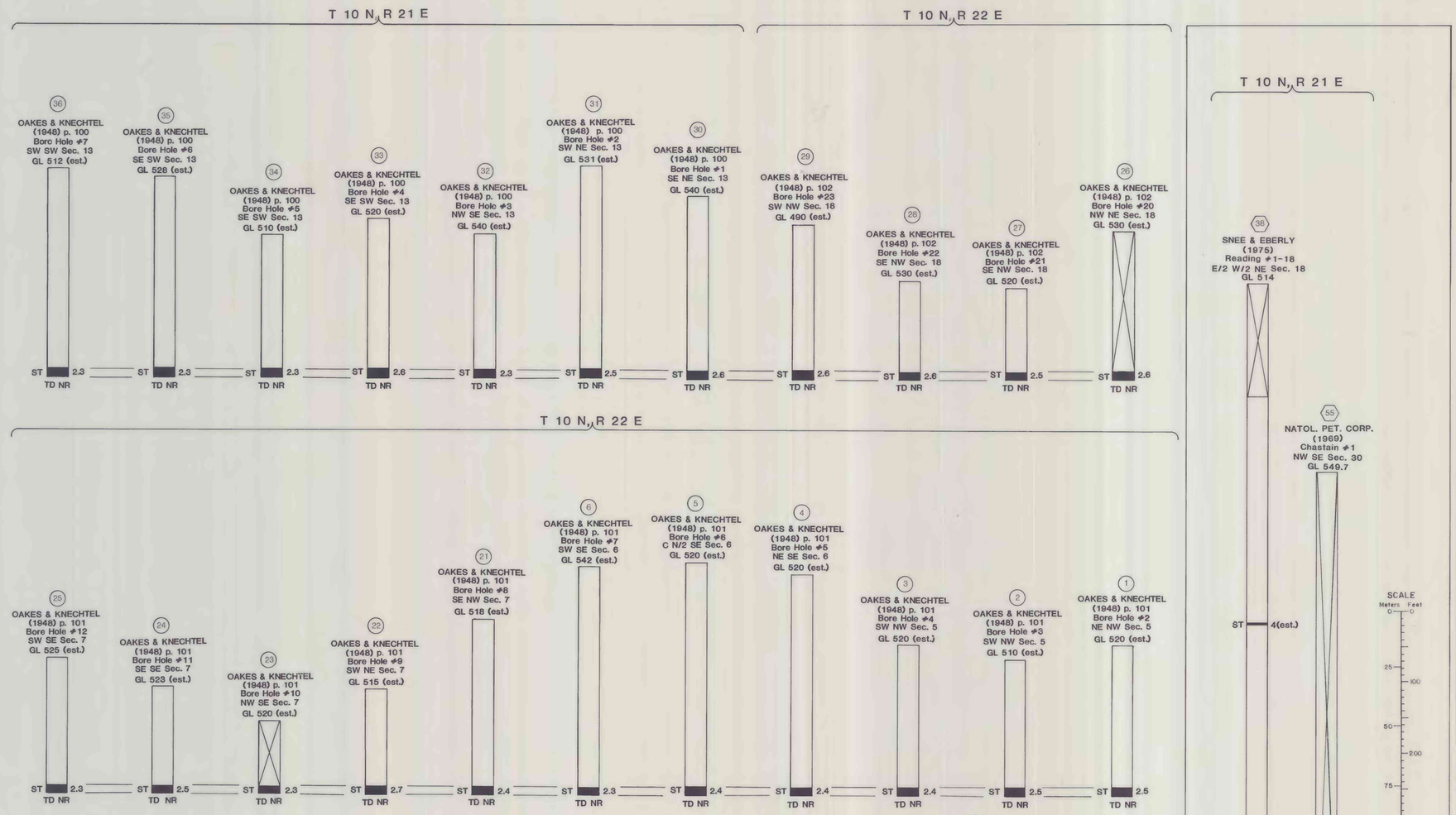
COMPOSITE COLUMNAR SECTION

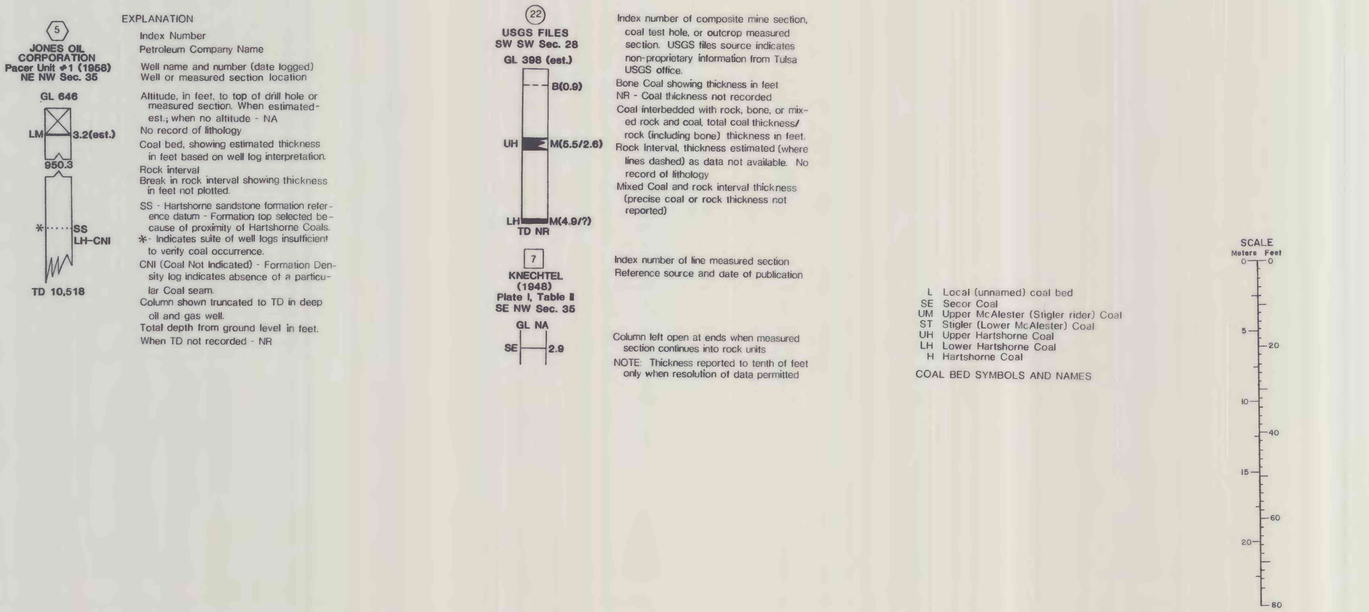


LITHOLOGIC DESCRIPTION

1. Sandstone, gray, hard, fine-grained, interbedded with shale.
2. Shale, gray, silty near top.
3. Shale, largely carbonaceous (horizon of Cavanal Coal).
4. Shale.
5. Sandstone, gray, hard, fine-grained, slabby to massive, lenticular.
6. Shale, gray.
7. Sandstone, tan, medium-grained, well induvated, thick-bedded at base grading vertically into thinner beds; thin local coal near top.
8. Shale, black; numerous small siderite (ironstone) concretions; occasionally sandy.
9. Coal zone consisting of a well-developed underclay, a thin coal 0.1 to 0.3 feet thick, capped by a fragmental algal limestone 0.1 to 0.6 feet thick, and carbonaceous shale with siderite bands.
10. Shale, black, extremely abundant carbonized plant fragments and leaf impressions along bedding planes.
11. Coal, bright, medium to coarsely banded; underlain by well-developed underclay.
12. Sandstone, greenish-gray, weathers tan, fine to medium-grained; thin to thick-bedded.
13. Shale, dark blue to gray, silty.
14. Sandstone, silty, hard, fine-grained blocky with occasional massive beds.
15. Shale, argillaceous, buff to greenish; concretions not generally abundant
16. Shale, dark gray to black, slabby, silty; with abundant unfossiliferous, clay ironstone concretions.
17. Coal.
18. Sandstone, brown to light gray; mostly shale toward the top of the formation.
19. Shale, dark olive-gray to black, silty.

CORRELATION OF COAL BEDS IN BORE HOLES AND WELL LOGS





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

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

This map intended for land-use planning purposes only.

COMPILED IN 1980

PLATE 3
SHEET 1 OF 3
COAL DATA SHEET