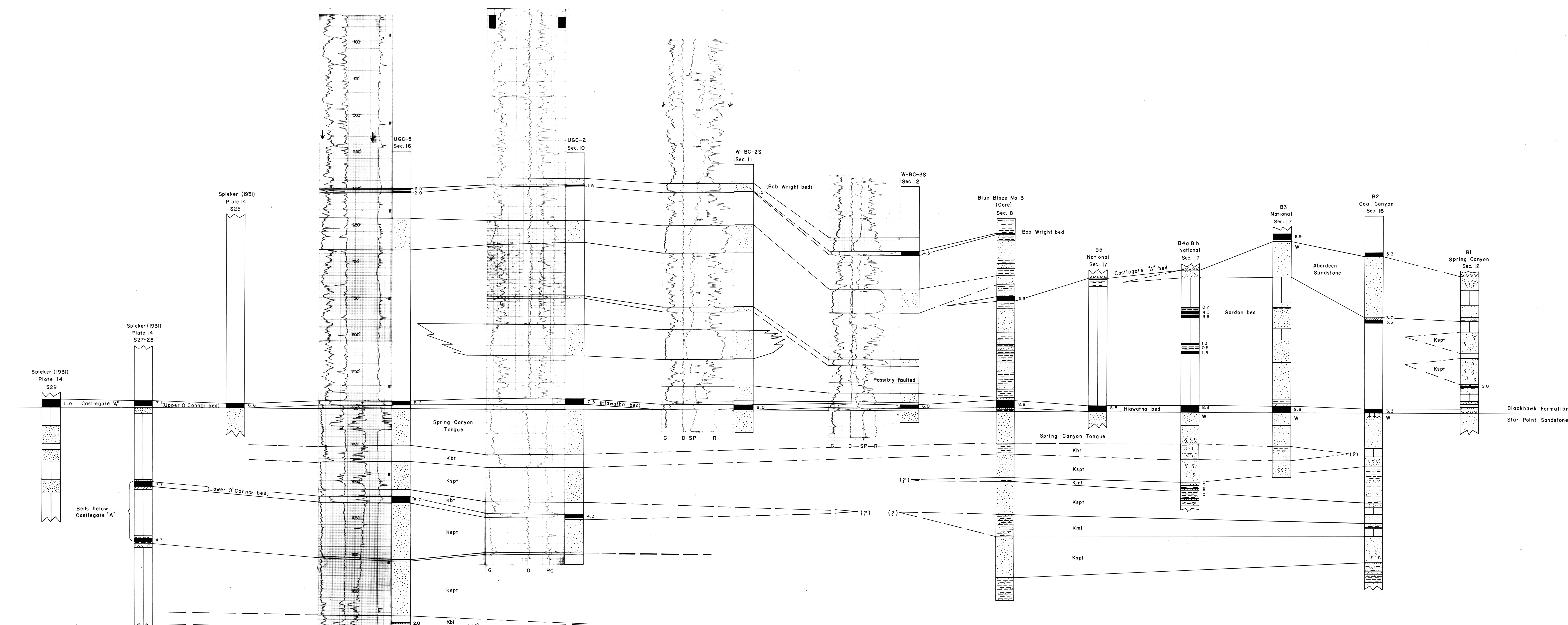


T. 13 S., R. 7 E.

T. 13 S., R. 8 E.

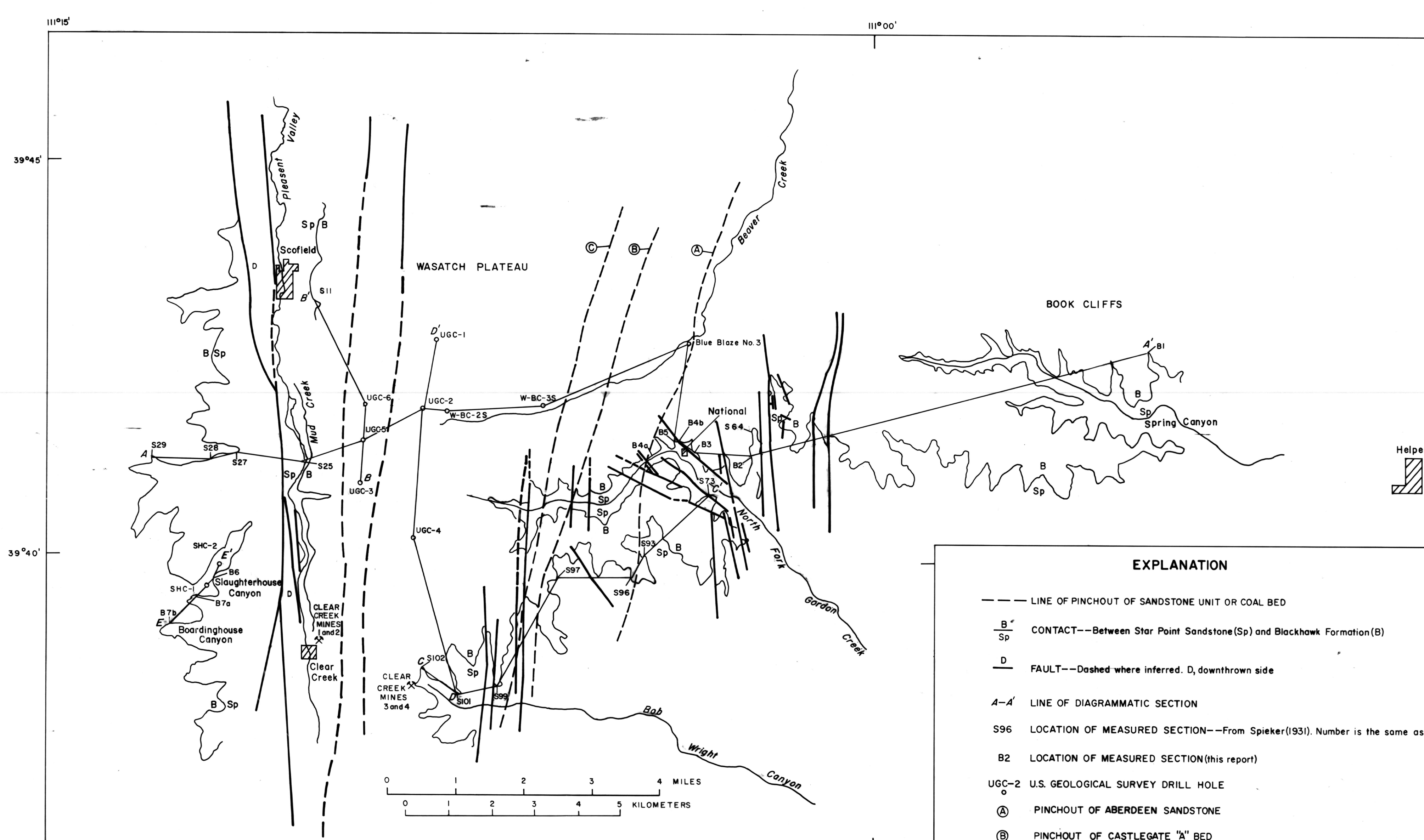


EXPLANATION

- |  |                         |  |                                |
|--|-------------------------|--|--------------------------------|
|  | Sandstone               |  | Burned coal                    |
|  | W, White capped         |  | Interval not described         |
|  | Rooted                  |  | Covered interval               |
|  | B, Burrowed             |  | Tongue of Blackhawk Formation  |
|  | C, Carbonaceous         |  | Tongue of Star Point Sandstone |
|  | Siltstone               |  | Tongue of Mancos Shale         |
|  | C, Carbonaceous         |  | Natural Gamma                  |
|  | Carbonaceous shale      |  | Density                        |
|  | Shale                   |  | Resistivity                    |
|  | Coal, thickness in feet |  | Caliper                        |
|  | Bone, thickness in feet |  | Spontaneous Potential          |

See text on sheet 3  
Note: Coal bed names in parentheses, this report.

This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION

- |  |   |
|--|---|
|  | LINE OF PINCHOUT OF SANDSTONE UNIT OR COAL BED  |
|  | CONTACT—Between Star Point Sandstone (Sp) and Blackhawk Formation (B)                           |
|  | FAULT—Dashed where inferred; D, downthrown side   |
|  | LINE OF DIAGRAMMATIC SECTION  |
|  | LOCATION OF MEASURED SECTION—From Spieker (1931). Number is the same as used by Spieker (1931). |
|  | LOCATION OF MEASURED SECTION (this report)  |
|  | U.S. GEOLOGICAL SURVEY DRILL HOLE   |
|  | PINCHOUT OF ABERDEEN SANDSTONE  |
|  | PINCHOUT OF CASTLEGATE "A" BED  |
|  | PINCHOUT OF LOWER O'CONNOR BED  |

MAP OF THE NORTHERN WASATCH PLATEAU SHOWING LINES OF PINCHOUT OF SANDSTONE AND COAL BEDS AND LINES OF CROSS SECTIONS. GEOLOGY FROM SPIEKER (1931)

NEWLY IDENTIFIED INTERTONGUING BETWEEN THE STAR POINT SANDSTONE AND THE BLACKHAWK FORMATION AND THE CORRELATION OF COAL BEDS IN THE NORTHERN PART OF THE WASATCH PLATEAU, CARBON COUNTY, UTAH

By  
L. F. Blanchard

1981