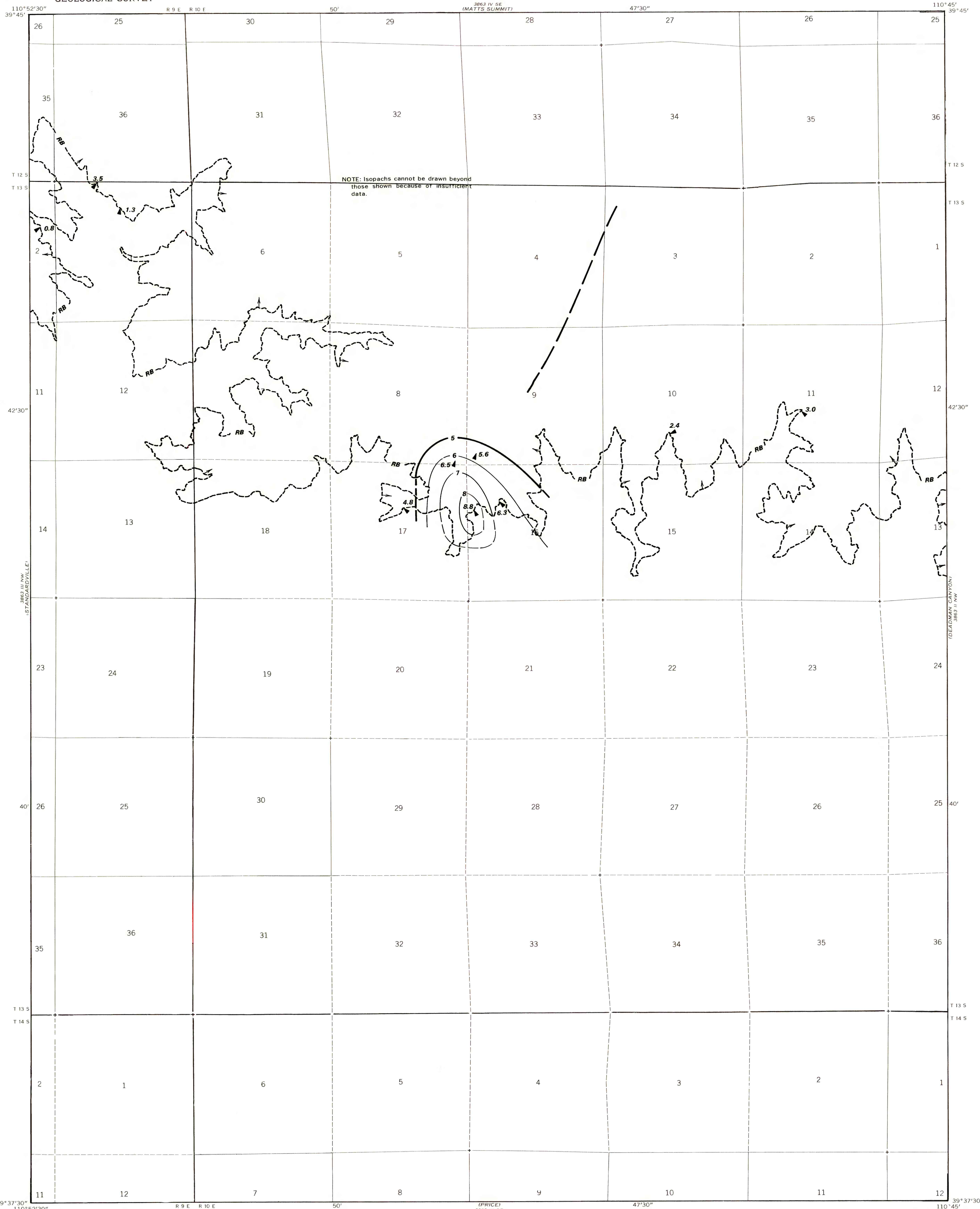


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY

HELPER QUADRANGLE
UTAH-CARBON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3863 IV SE
MATT'S SUMMIT
3863 III NW
STANDARDVILLE



EXPLANATION

— 5 —
— 6 —

ISOPACHS—Showing thickness of coal, in feet. Long dashed where inferred, short dashed where projected above land surface. Isopach interval 1 foot.

3.5
▲

POINT OF MEASUREMENT—Showing thickness of coal, in feet.

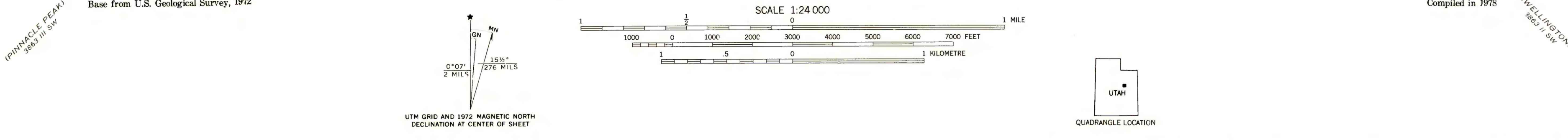
--- RB --- ▲

TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

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FAULT—Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.



COAL RESOURCE OCCURRENCE MAP OF THE HELPER QUADRANGLE, CARBON COUNTY, UTAH
BY
AAA ENGINEERING AND DRAFTING, INC.
1979

PLATE 11
ISOPACH MAP
OF THE
ROYAL BLUE COAL BED