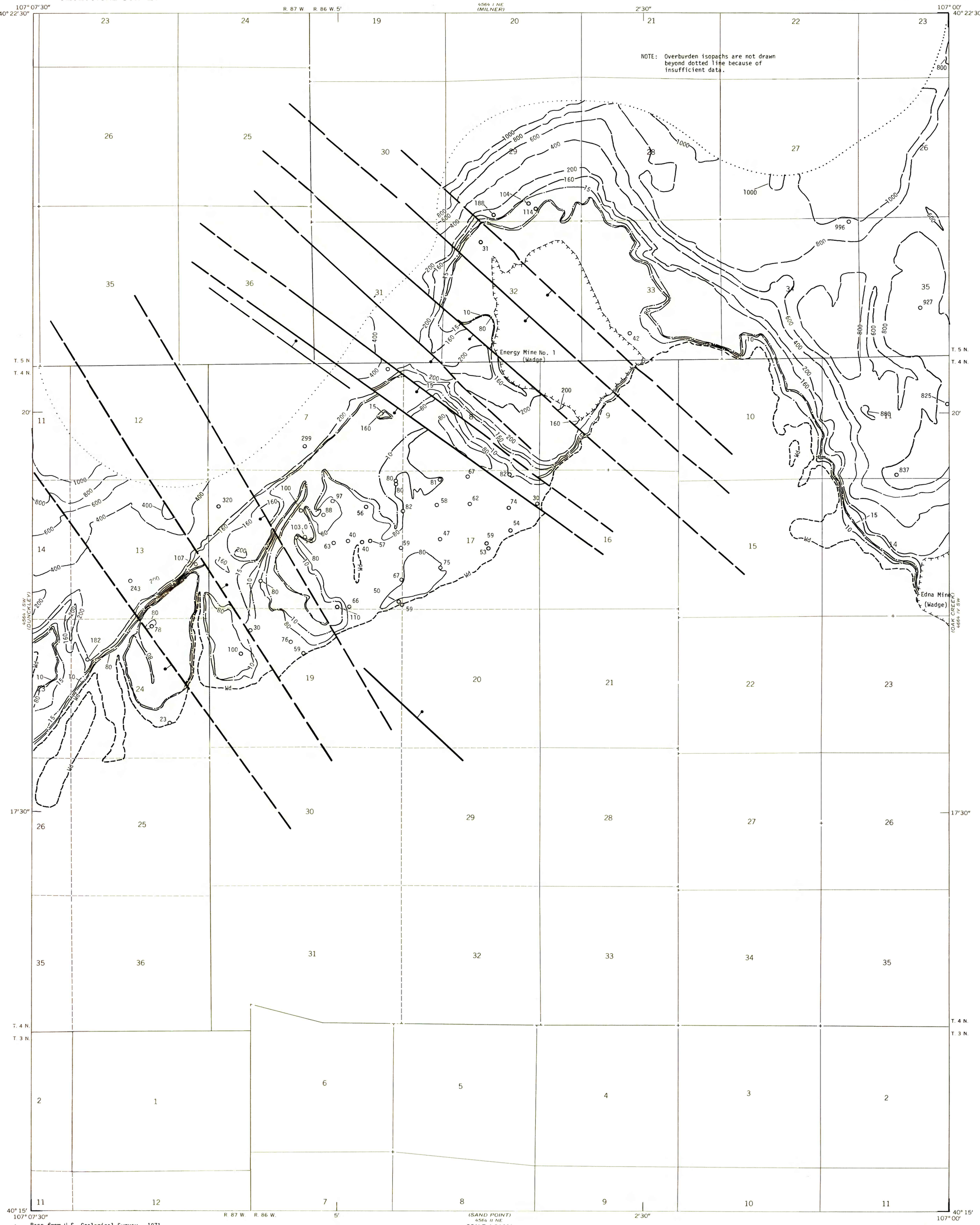
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RATTLESNAKE BUTTE QUADRANGLE
COLORADO—ROUTT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MOUNT HARRIS 15' QUADRANGLE

OPEN FILE REPORT 79-1396

PLATE 17 OF 23



Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24 000

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

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

200

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 80 feet (24 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

23

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

10

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

Wd - Wadge

COAL BED SYMBOL AND NAME

Wd

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located.

Edna Mine (Wadge)

COAL STRIP MINE - Hachures point toward mined area. Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE RATTLESNAKE BUTTE QUADRANGLE, ROUTT COUNTY, COLORADO

BY
DAMES & MOORE
1979

PLATE 17

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE WADGE COAL BED