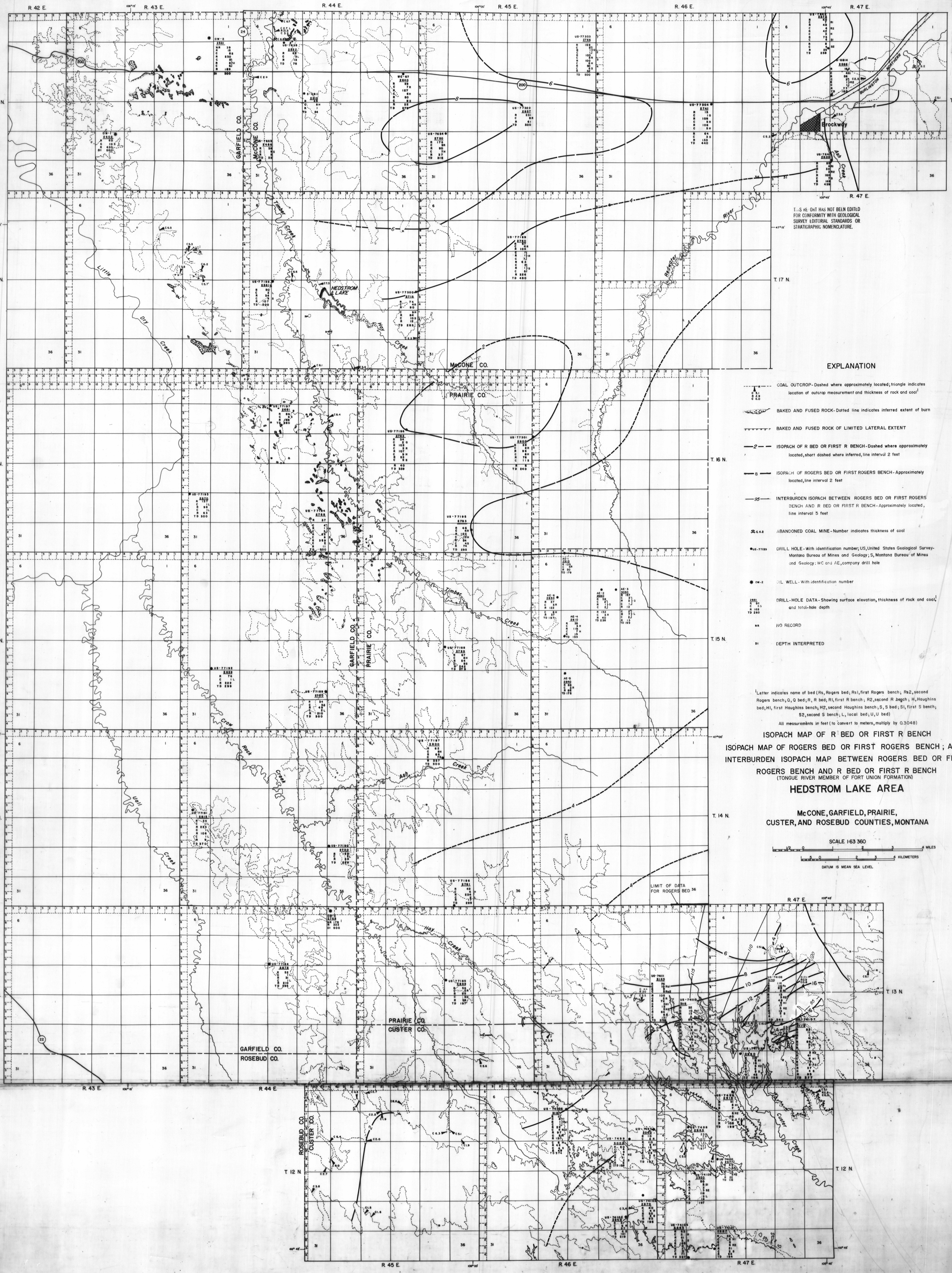

THIS REPORT HAS NOT BEEN EDITED FOR CONFORMITY WITH GEOLOGICAL SURVEY EDITORIAL STANDARDS OR STRATIGRAPHIC NOMENCLATURE.

EXPLANATION

COAL OUTCROP - Dashed where approximately located; triangle indicates location of outcrop measurement and thickness of rock and coal[1]

BAKED AND FUSED ROCK - Dotted line indicates inferred extent of burn

BAKED AND FUSED ROCK OF LIMITED LATERAL EXTENT

ISOPACH OF R BED OR FIRST R BENCH - Dashed where approximately located, short dashed where inferred, line interval 2 feet

ISOPACH OF ROGERS BED OR FIRST ROGERS BENCH - Approximately located, line interval 2 feet

INTERBURDEN ISOPACH BETWEEN ROGERS BED OR FIRST ROGERS BENCH AND R BED OR FIRST R BENCH - Approximately located, line interval 5 feet

ABANDONED COAL MINE - Number indicates thickness of coal

DRILL HOLE - With identification number; US, United States Geological Survey-Montana Bureau of Mines and Geology; S, Montana Bureau of Mines and Geology: WC and AE, company drill hole

OIL WELL - With identification number

DRILL-HOLE DATA - Showing surface elevation, thickness of rock and coal,[1] and total-hole depth

NR NO RECORD

DI DEPTH INTERPRETED

[1]Letter indicates name of bed (Rs, Rogers bed; Rs1, first Rogers bench; Rs2, second Rogers bench; Q, Q bed; R, R bed; R1, first R bench; R2, second R bench; H, Haughins bed; H1, first Haughins bench; H2, second Haughins bench; S, S bed; S1, first S bench; S2, second S bench; L, local bed; U, U bed)

All measurements in feet (to convert to meters, multiply by 0.3048)

ISOPACH MAP OF R BED OR FIRST R BENCH
ISOPACH MAP OF ROGERS BED OR FIRST ROGERS BENCH; AND
INTERBURDEN ISOPACH MAP BETWEEN ROGERS BED OR FIRST ROGERS BENCH AND R BED OR FIRST R BENCH

(TONGUE RIVER MEMBER OF FORT UNION FORMATION)

HEDSTROM LAKE AREA

McCONE, GARFIELD, PRAIRIE, CUSTER, AND ROSEBUD COUNTIES, MONTANA

SCALE 1:63 360

1/2 0 1 2 3 4 MILES

5 0 1 2 3 4 KILOMETERS

DATUM IS MEAN SEA LEVEL