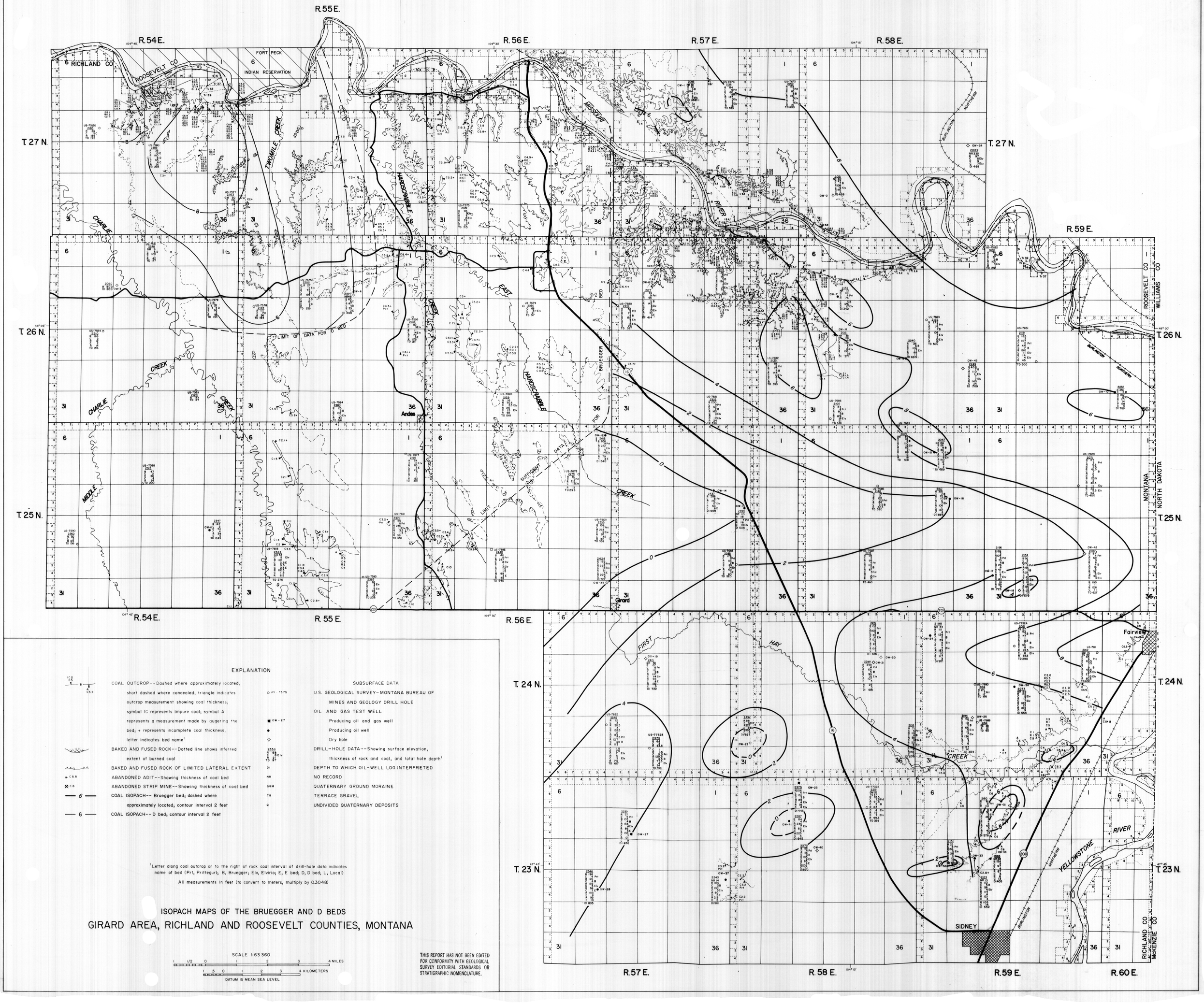

EXPLANATION

COAL OUTCROP--Dashed where approximately located, short dashed where concealed, triangle indicates outcrop measurement showing coal thickness; symbol IC represents impure coal, symbol A represents a measurement made by augering the bed; + represents incomplete coal thickness, letter indicates bed name[1]

BAKED AND FUSED ROCK--Dotted line shows inferred extent of burned coal

BAKED AND FUSED ROCK OF LIMITED LATERAL EXTENT

ABANDONED ADIT--Showing thickness of coal bed

ABANDONED STRIP MINE--Showing thickness of coal bed

COAL ISOPACH-- Bruegger bed; dashed where approximately located; contour interval 2 feet

COAL ISOPACH--D bed; contour interval 2 feet

SUBSURFACE DATA

U.S. GEOLOGICAL SURVEY-MONTANA BUREAU OF MINES AND GEOLOGY DRILL HOLE

OIL AND GAS TEST WELL

Producing oil and gas well

Producing oil well

Dry hole

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

DEPTH TO WHICH OIL-WELL LOG INTERPRETED

NO RECORD

QUATERNARY GROUND MORAINE

TERRACE GRAVEL

UNDIVIDED QUATERNARY DEPOSITS

[1]Letter along coal outcrop or to the right of rock coal interval of drill-hole data indicates name of bed (Prt, Pritteguri; B, Bruegger; Elv, Elvirio; E, E bed; D, D bed; L, Local)

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

ISOPACH MAPS OF THE BRUEGGER AND D BEDS
GIRARD AREA, RICHLAND AND ROOSEVELT COUNTIES, MONTANA

SCALE 1:63 360

1 1/2 0 1 2 3 4 MILES

1 .5 0 1 2 3 4 KILOMETERS

DATUM IS MEAN SEA LEVEL

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