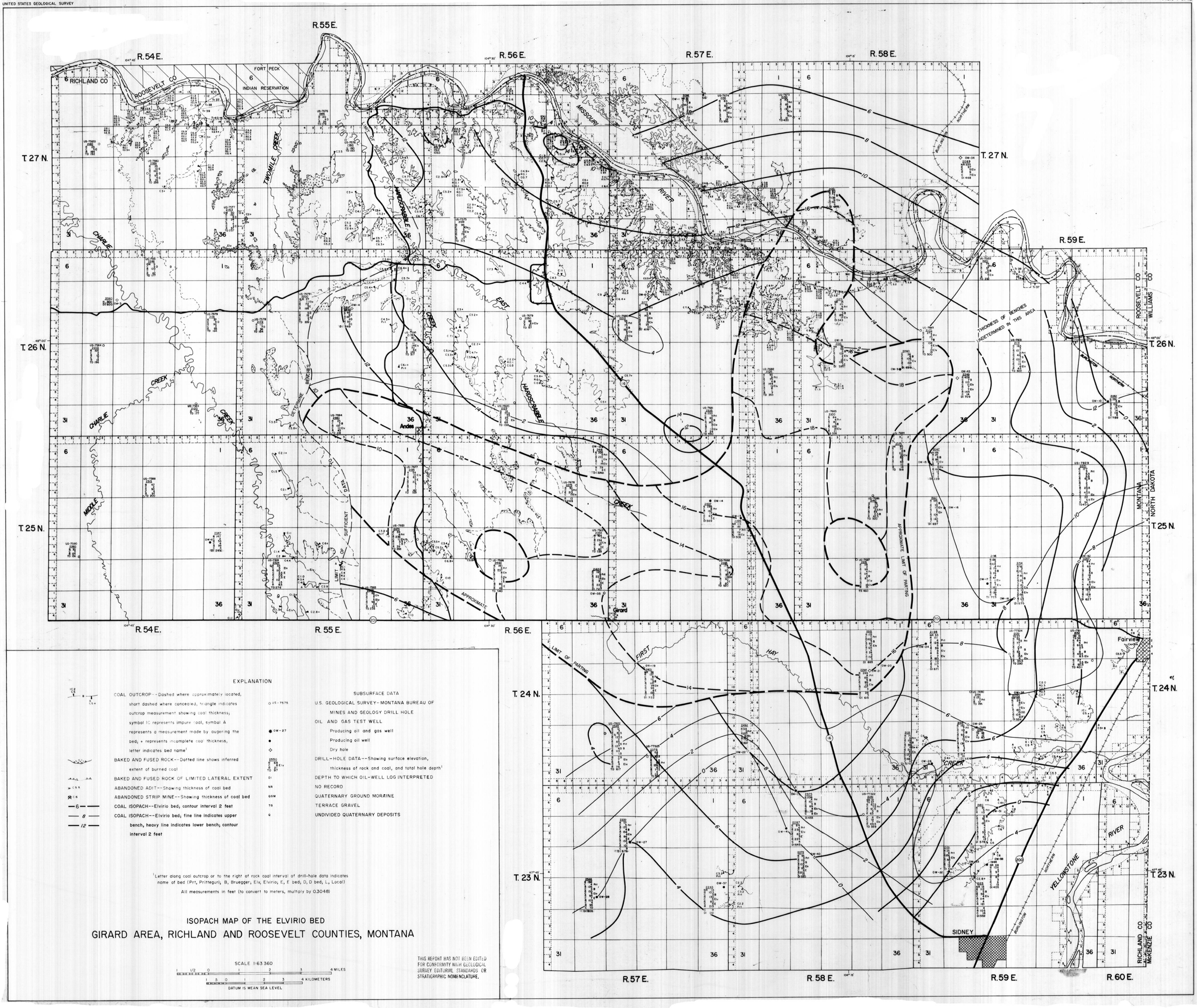


EXPLANATION

| | |
|---|---|
| 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 | |
| —6— COAL ISOPACH--Elvirio bed; contour interval 2 feet | |
| —8— COAL ISOPACH--Elvirio bed; fine line indicates upper bench, heavy line indicates lower bench; contour interval 2 feet | |

SUBSURFACE DATA

| | |
|---|---|
| US-7575 | U.S. GEOLOGICAL SURVEY-MONTANA BUREAU OF MINES AND GEOLOGY DRILL HOLE |
| | OIL AND GAS TEST WELL |
| OW-27 | Producing oil and gas well |
| | Producing oil well |
| | Dry hole |
| 2550 / R 68 / C 8 / TD 97 Elv | DRILL-HOLE DATA--Showing surface elevation, thickness of rock and coal, and total hole depth[1] |
| DI | DEPTH TO WHICH OIL-WELL LOG INTERPRETED |
| NR | NO RECORD |
| QGM | QUATERNARY GROUND MORAINE |
| TG | TERRACE GRAVEL |
| Q | 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, Prittegurl; 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 MAP OF THE ELVIRIO BED
# 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.