DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
CONSERVATION DIVISION, BRANCH OF MINERAL EVALUATION

OFR 72-329

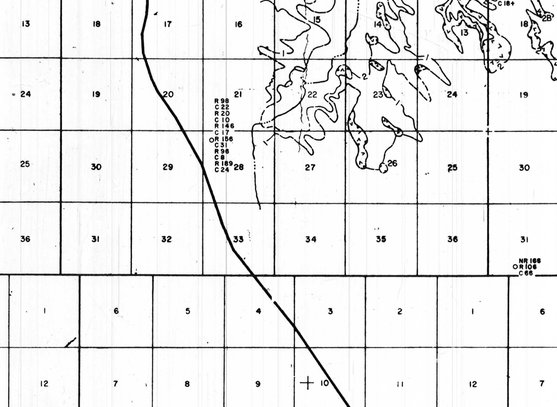
Coal outcrops, burn line, and part of clinkered terrain shown only in part of map area. For coal data in unmapped portions of area see appropriate publication shown on index map below

Base from US Geol Surv Bull 1050, BLM plats, USGS topographic quadrangles, and field work by E M Schell and G D Mowat in 1968 thru 1971

Geology compiled from AMS high-altitude aerial photographs, USGS publications, and field work by E M Schell and G D Mowat in 1968 thru 1971

GILLETTE AREA
INDEX MAP
US GEOLOGICAL SURVEY PUBLICATIONS
Scale 1:1,000,000

Bull 1050-C Olive 1952
Bull 471-F Davis 1911
Prof. Paper 404 Robinson and others 1964
Bull 38-B Stone and Lupton 1910
Bull 79h-A Thom 1927
Bull 806-A Wegemann, Howell and Dobbin 1928
Bull 796-A Dobbin and Barnett 1927
SHEET 1
SHEET 2
SHEET 3
MONTANA
WYOMING
CROOK
WESTON
NIOBRARA
CONVERSE
CASPER



GENERALIZED CHART OF PRINCIPAL COAL BEDS IN THE EASTERN POWDER RIVER BASIN SHOWING SUGGESTED CORRELATION OF BEDS

RECONNAISSANCE MAP SHOWING SOME COAL AND CLINKER BEDS IN THE FORT UNION AND WASATCH FORMATIONS IN THE POWDER RIVER BASIN, Campbell and Converse Counties, Wyoming

By
Elmer M. Schell and George D. Mowat

Scale 1:63,360

0 1/2 1 2 3 4 MILES
0 5000 10000 15000 20000 FEET

1972

APPROXIMATE MEAN DECLINATION 1972

U. S. Geological Survey
OPEN FILE REPORT
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

EXPLANATION

DC10 / 3.9 / 6.3 — Coal bed

Dashed where approximately located; short dashed where covered. Number designates coal bed. Open triangle denotes section from U. S. Geological Survey bulletin; solid triangle denotes section measured in the field by the authors or other sources. Thicknesses in feet. C, coal; DC, dirty coal; R, rock

3B — Areas of rock baked or fused by burned coal beds

Line denotes outcrop or unburned boundary of identified coal bed, 3. Line 3B denotes base of burned or fused rock

2BA — Approximate position of superposed boundary of burned coal beds

Solid sawteeth indicate base of identified burned coal bed (2B). Open sawteeth indicate inferred limit of burned area of the stratigraphically lower coal bed

Fault

Approximately located. U, upthrown side; D, downthrown side

Coal mine

Abandoned coal mine

Showing thickness of coal, in feet

NR 67 / O 98 / C10 — Oil test hole

Thickness in feet. NR, no record; R, rock; C, coal. Interpreted from geophysical logs. Only selected wells shown

Found corner