

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHWEST DOTY MOUNTAIN QUADRANGLE
WYOMING-CARBON CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)

PLATE I OF 27



EXPLANATION

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters designate name of coal bed as listed below.

OIL AND GAS TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 or in table of text. Letters designate name of coal bed as listed below.

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 or in table of text. Letters designate name of coal bed as listed below. Trace of measured section, if extensive, shown by line.

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

W - Wasatch, undifferentiated
FR - Fillmore Ranch, undifferentiated
FRU - Upper split of Fillmore Ranch
FRLL - Lower split of Fillmore Ranch
MC - Muddy Creek
SC - Separation Creek
OD - Olson Draw
RR - Red Rim
FU - Fort Union, undifferentiated
La - Lance, undifferentiated
FH - Fox Hills, undifferentiated
Al - Almond, undifferentiated
R - Robertson
HM - Haystack Mountains, undifferentiated
L - Local

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

TRACE OF COAL BED OUTCROP - Letters designate name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred.

TRACE OF FAULT - Symbols designate direction of movement when known; bar and ball on down-thrown side. Dashed where inferred; dotted where concealed.

BURNED AND CLINKERED COAL - Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

LINE OF COMPOSITE SECTION - Showing index number of section on plate 3. Composite section is based on nearby coal thickness measurements.

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

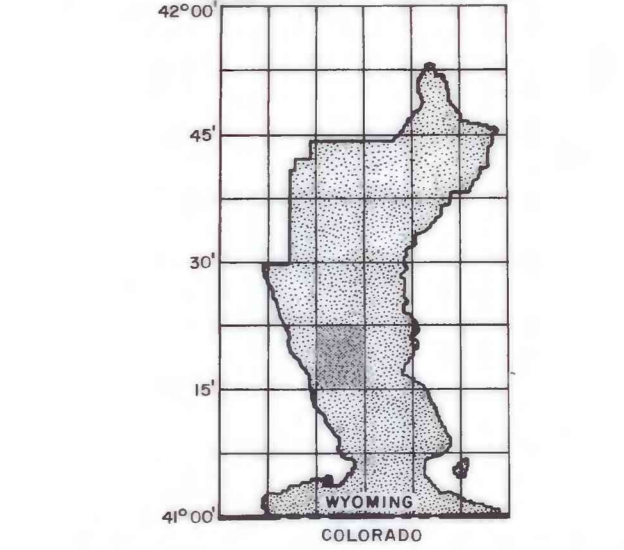
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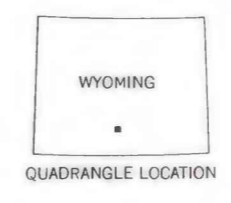
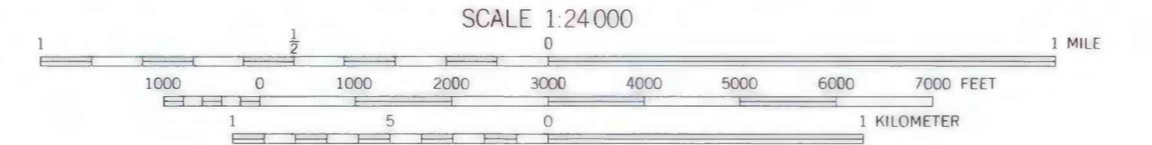
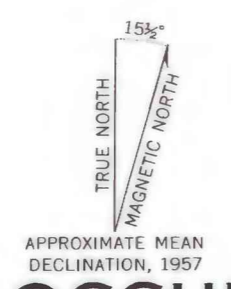


MAP SHOWING LOCATION OF THE SOUTHWEST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE (SHADED) AND THE AREAS KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

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



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