

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SOUTHEAST BAGGS QUADRANGLE  
WYOMING-COLORADO  
7.5 MINUTE SERIES (TOPOGRAPHIC)

PLATE 15 OF 20



**EXPLANATION**

NON-FEDERAL COAL LAND - Land for which the Federal Government does not own the coal rights.

ISOPACH - Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick.

FU[12] - Fort Union [12]  
FU[1] - Fort Union [1]

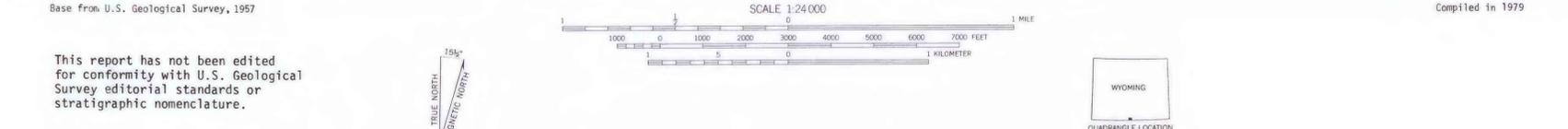
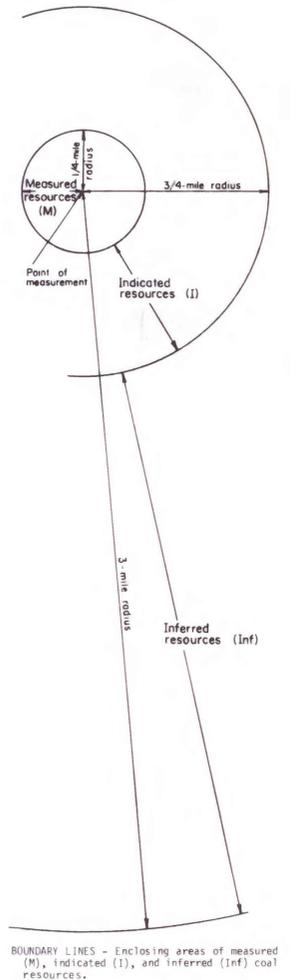
COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors.

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 85 percent, and away from the area suitable for subsurface mining (down dip to the 3,000-foot-overburden isopach) where the recovery factor is 50 percent.

RB	R(85%)	RB	R(50%)
0.35	0.30	0.31	0.15
0.22	0.19	0.06	0.03

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, both within and beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category. Reserves have been calculated for a constant thickness of 12 feet for areas where the coal beds are more than 12 feet thick. Therefore, in some instances, underground Reserves may be less than 50 percent of the Reserve Base.



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

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN DECLINATION, 1957

**COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE BAGGS  
15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING**

BY  
**DAMES & MOORE**  
1979

PLATE 15  
AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAPS OF THE FORT UNION [1] AND FORT UNION [12] COAL BEDS