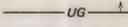
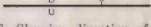
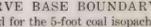
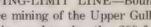
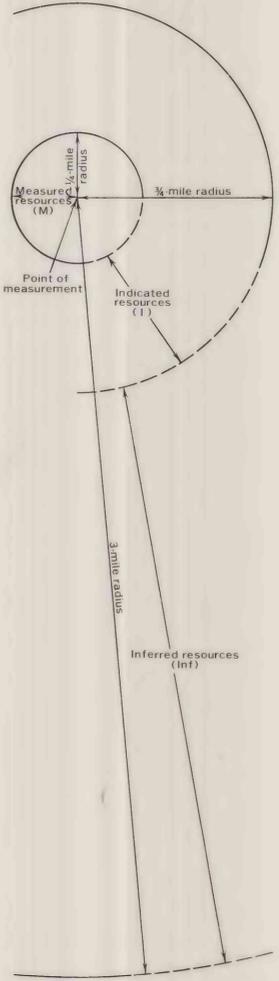


**OPEN FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

**OPEN FILE REPORT 78-650**  
**PLATE 6 OF 14**

**EXPLANATION**

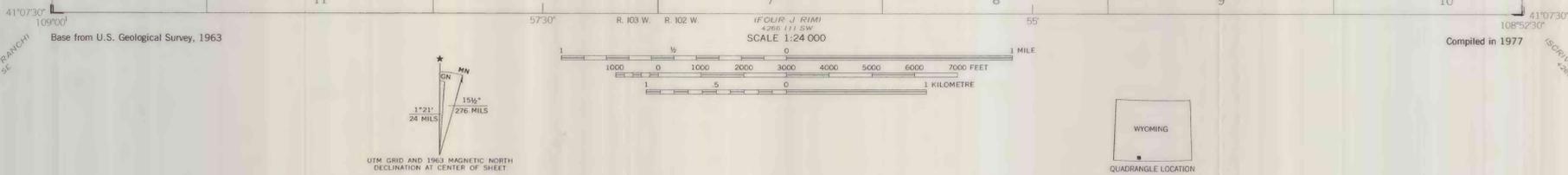
-  **NON-FEDERAL COAL LAND**—Land for which the Federal Government does not own the coal rights.
-  **AREA OF PREFERENCE RIGHT LEASE APPLICATION**—Coal resources not calculated.
-  **TRACE OF OUTCROP OF THE UPPER GULL COAL BED**—Arrow Points to the coal-bearing area.
-  **FAULT**—Showing direction of dip. U, upthrown side; D, downthrown side.
-  **RESERVE BASE BOUNDARY**—Long dashed for the 5-foot coal isopach. Arrows point toward the area with thicker coal.
-  **STRIPPING-LIMIT LINE**—Boundary for surface mining of the Upper Gull coal bed (in this quadrangle, the 200-foot overburden isopach). Arrows point toward the area suitable for surface mining, with a recovery factor of 85 percent. A recovery factor of 50 percent applies to the area suitable for subsurface mining (200 to 1,000 feet of overburden).



**BOUNDARY LINES**—Enclosing areas of measured, indicated, and inferred coal resources of the Upper Gull coal bed. Dashed where projected from adjacent quadrangles.

**IDENTIFIED RESOURCES OF THE UPPER GULL COAL BED**—Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land. Dash indicates no resources in that category. Reserve Base (RB) X Recovery Factor (0.85 for surface mining or 0.50 for subsurface mining) = Reserves (R). To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.



**COAL RESOURCE OCCURRENCE MAP OF THE POTTER MOUNTAIN QUADRANGLE,  
SWEETWATER COUNTY, WYOMING  
BY  
H. W. ROEHLER  
1978**