

EXPLANATION

MINING RATIO CONTOUR—Number indicates cubic yards of overburden per ton of coal recoverable by surface-mining methods. Contours shown only for leaseable Federal coal lands suitable for surface mining methods above the stripping limit.

STRIPPING LIMIT LINE—Boundary for surface mining of coal bed. Limit is 200 feet of overburden. Dashed where inferred.

RESERVE BASE COAL THICKNESS LIMIT—Five feet isopach. Dashed where inferred.

DRILL HOLE—Showing mining ratio value only for leaseable Federal coal lands. Drill holes which do not intersect top of coal bed or from which mining ratios could not be determined are not shown.

TRACE OF COAL BED OUTCROP—Showing the name of the coal bed.

INSUFFICIENT DATA BOUNDARY—Showing area beyond which no coal bed thickness data is available.

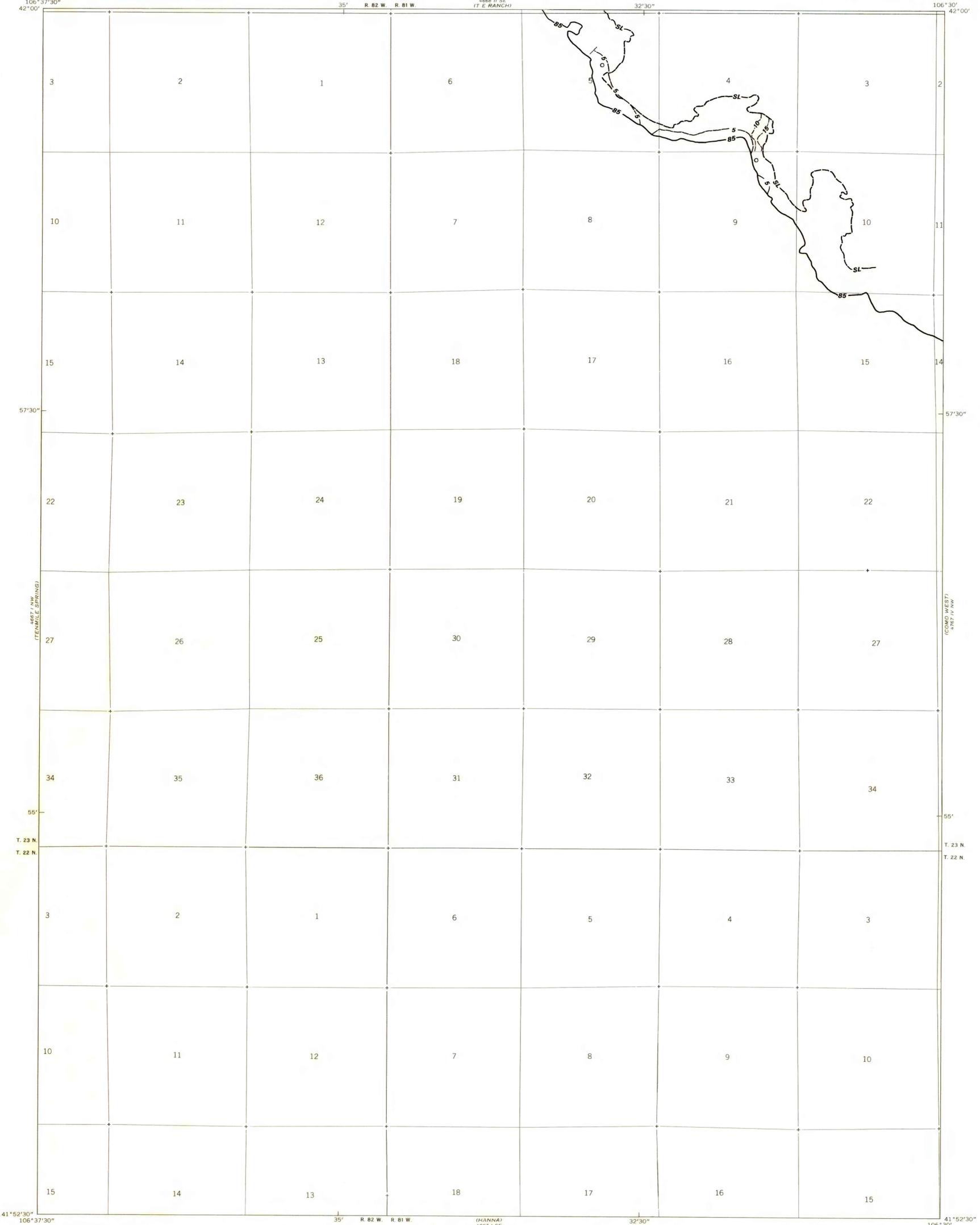
To convert feet to meters, multiply feet by 0.3048.

OPEN FILE REPORT

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

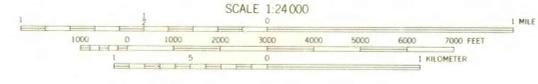
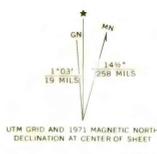
UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

ELMO QUADRANGLE WYOMING—CARBON CO. 7.5 MINUTE SERIES (TOPOGRAPHIC)



Base map from U.S. Geological Survey, 1971

Compiled in 1977 by TEXAS INSTRUMENTS INCORPORATED



COAL RESOURCE OCCURRENCE MAP OF THE ELMO QUADRANGLE, CARBON COUNTY, WYOMING

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PLATE 36 MINING-RATIO MAP OF COAL BED 85