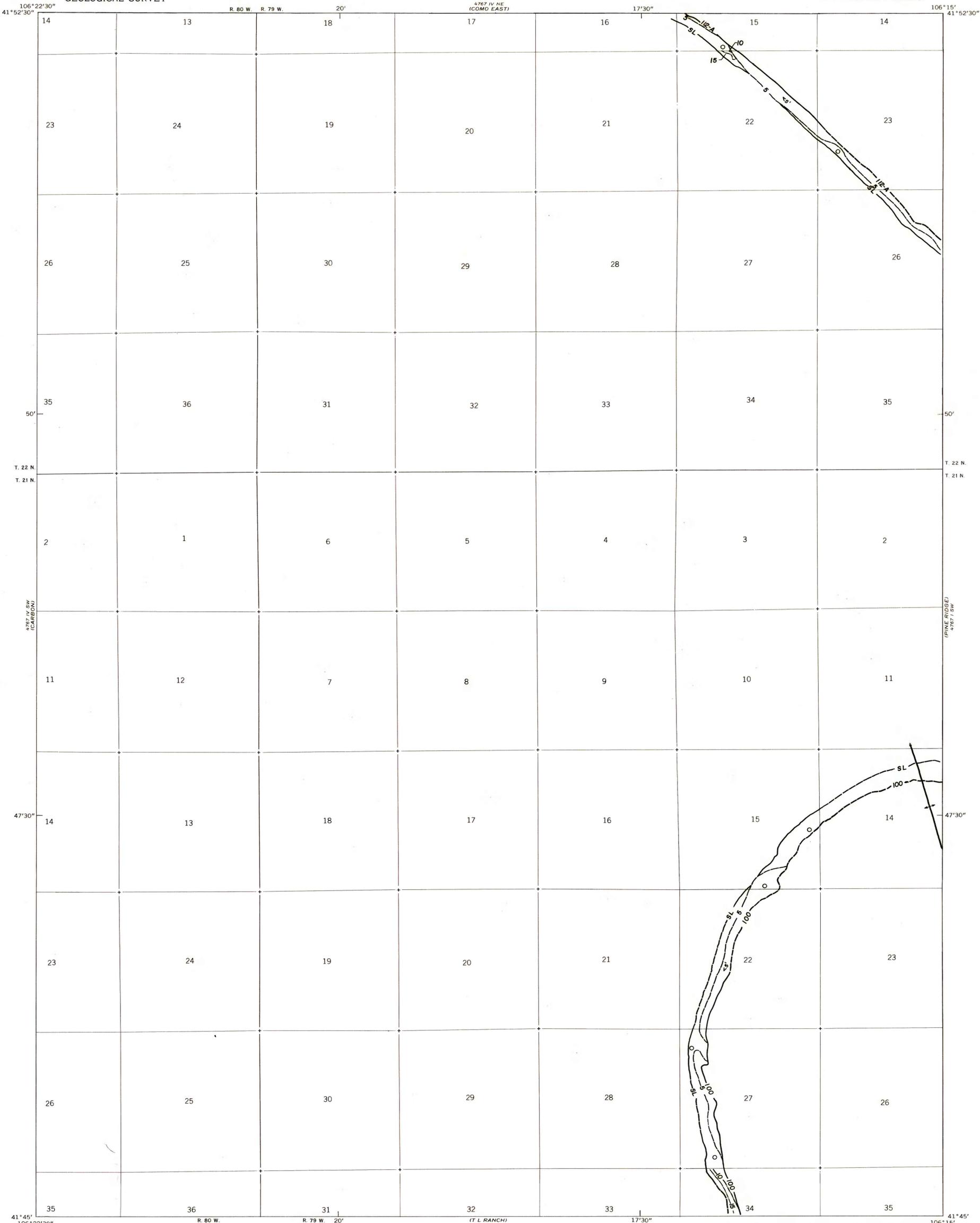


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

HALFWAY HILL QUADRANGLE  
WYOMING-CARBON CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE/4 SADDLEBACK HILLS 15' QUADRANGLE



EXPLANATION

**10**  
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.

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

**5**  
RESERVE BASE COAL THICKNESS LIMIT—Five feet isopach. Dashed where inferred.

**o**  
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.

**100-112-A**  
TRACE OF COAL BED OUTCROP—Showing name of coal bed. Dashed where inferred.

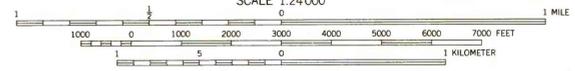
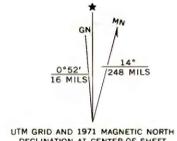
**↑**  
ANTICLINE—Showing crestline and plunge.

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.

Base map from U.S. Geological Survey, 1971

Compiled in 1977 by TEXAS INSTRUMENTS INCORPORATED



**COAL RESOURCE OCCURRENCE MAP OF THE HALFWAY HILL QUADRANGLE,  
CARBON COUNTY, WYOMING**

**BY  
TEXAS INSTRUMENTS INCORPORATED  
1978**

**PLATE 8  
MINING-RATIO MAP  
OF COAL BED  
100 ≈ 112A**