

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

HALFWAY HILL QUADRANGLE  
WYOMING-CARBON CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE/4 SADDLERBACK 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 leasable 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.

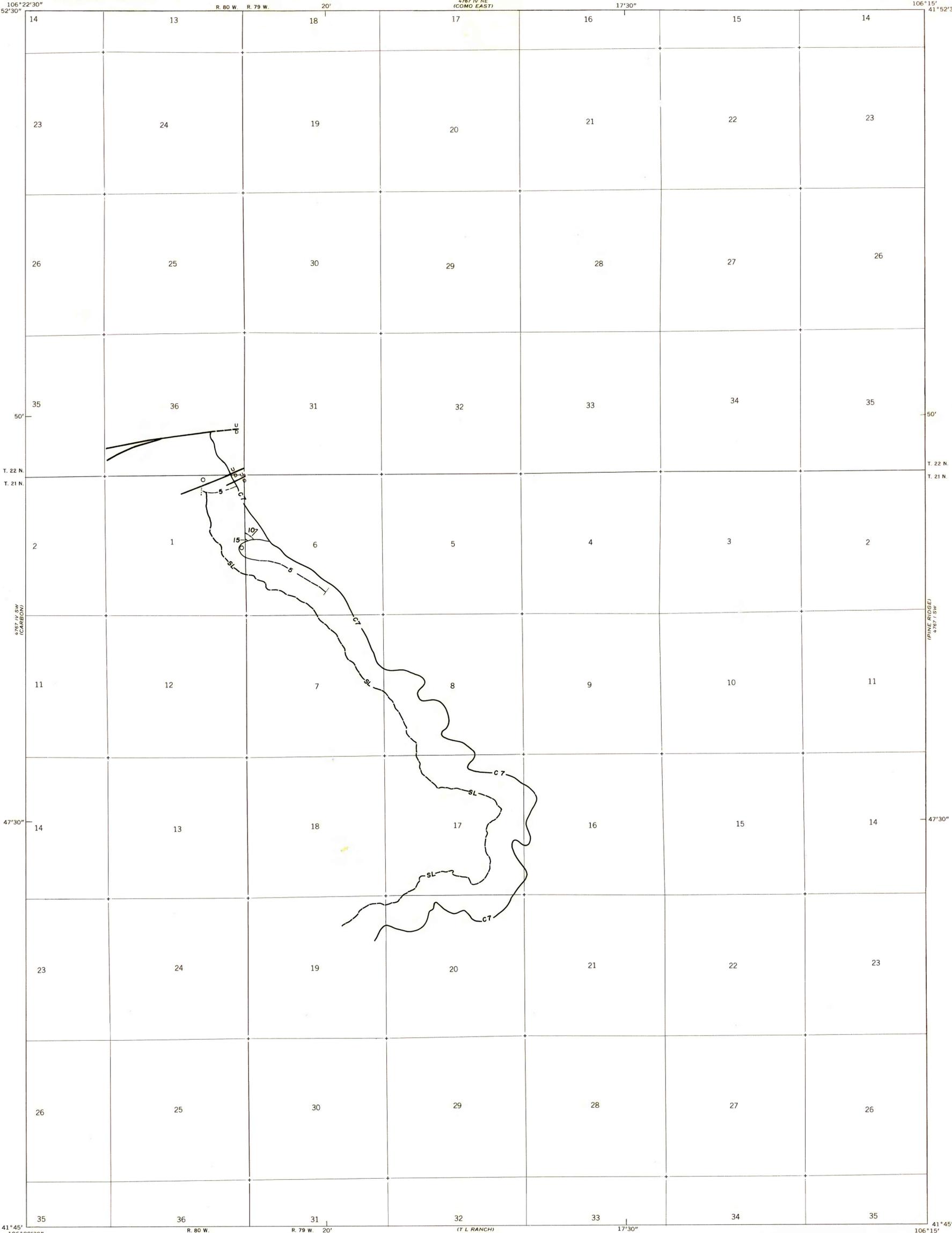
**O**  
DRILL HOLE—Showing mining ratio value only for leasable Federal coal lands. Drill holes which do not intersect top of coal bed or from which mining ratios could not be determined are not shown.

**C7**  
TRACE OF COAL BED OUTCROP—Showing the name of the coal bed.

**U**  
**D**  
FAULT—Dashed where approximately located. U, upthrown side; D, downthrown side.

To convert feet to meters,  
multiply feet by 0.3048.

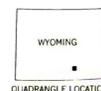
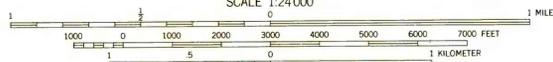
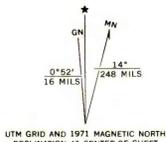
**OPEN FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



Base map from U.S. Geological Survey, 1971

SCALE 1:24,000

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 23  
MINING-RATIO MAP  
OF THE CARBON 7 COAL BED**