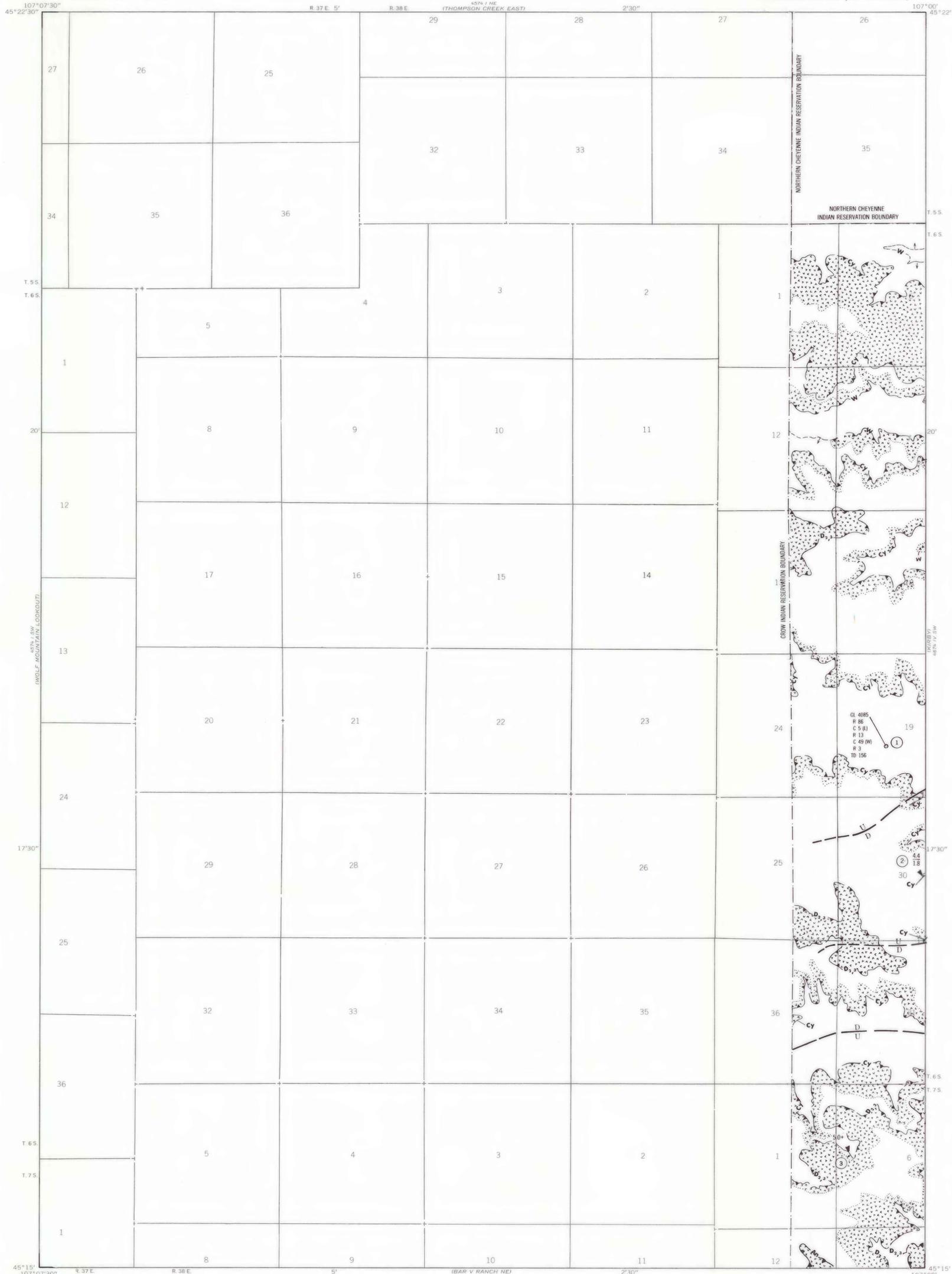


OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



EXPLANATION

INDEX NUMBER OF MEASURED SECTION SHOWN  
ON PLATE 3 OF CRO MAP—Coal section measured at  
point of triangle.

- ① ○ GL 4085
- R 86
- C 5 (I)
- R 13
- C 49 (W)
- R 3
- TD 156

COAL TEST HOLE—Showing index number of hole shown  
on plate 3 of CRO map, and drill-hole data, in feet.

- GL—Ground elevation
- R—Rock interval
- C—Coal interval
- TD—Total depth

DRILL-HOLE DATA SYMBOLS

- An—Anderson (Dietz 1)
- D<sub>2,3</sub>—Dietz 2 and 3
- Cy—Canyon
- L—Local
- W—Wall

COAL BED SYMBOLS AND NAMES

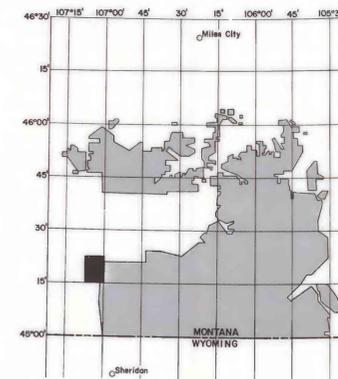


TRACE OF COAL BED OUTCROP—Dashed where  
approximately located; short dashed where inferred.  
Showing thickness of coal, in feet, measured at triangle.  
Where a thickness fraction is shown, it indicates net coal  
thickness (upper number) and net partings thickness  
(lower number). Letters designate the name of the coal  
bed as listed above. Arrows point toward coal-bearing  
area. Trace of coal outcrop has been modified from  
Baker, A.A. (1929, pl. 28) and Matson, R.E. and Blumer,  
J.W. (1973, pl. 5 A.B.C.) to fit modern topographic map.

BURNED AND CLINKERED COAL BED—Showing  
area of baked and fused rock (v symbol). Dotted line  
indicates the inferred limit of burning.

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

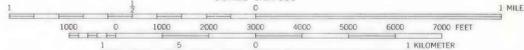
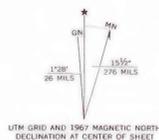
To convert feet to meters, multiply feet by 0.3048.



INDEX MAP—Showing location of the Spring Creek  
Ranch quadrangle and the Northern Powder River  
Basin Known Recoverable Coal Resource Area  
(stippled), Montana.

Base map from U.S. Geological Survey, 1967

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE SPRING CREEK RANCH  
QUADRANGLE BIG HORN COUNTY, MONTANA  
BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979