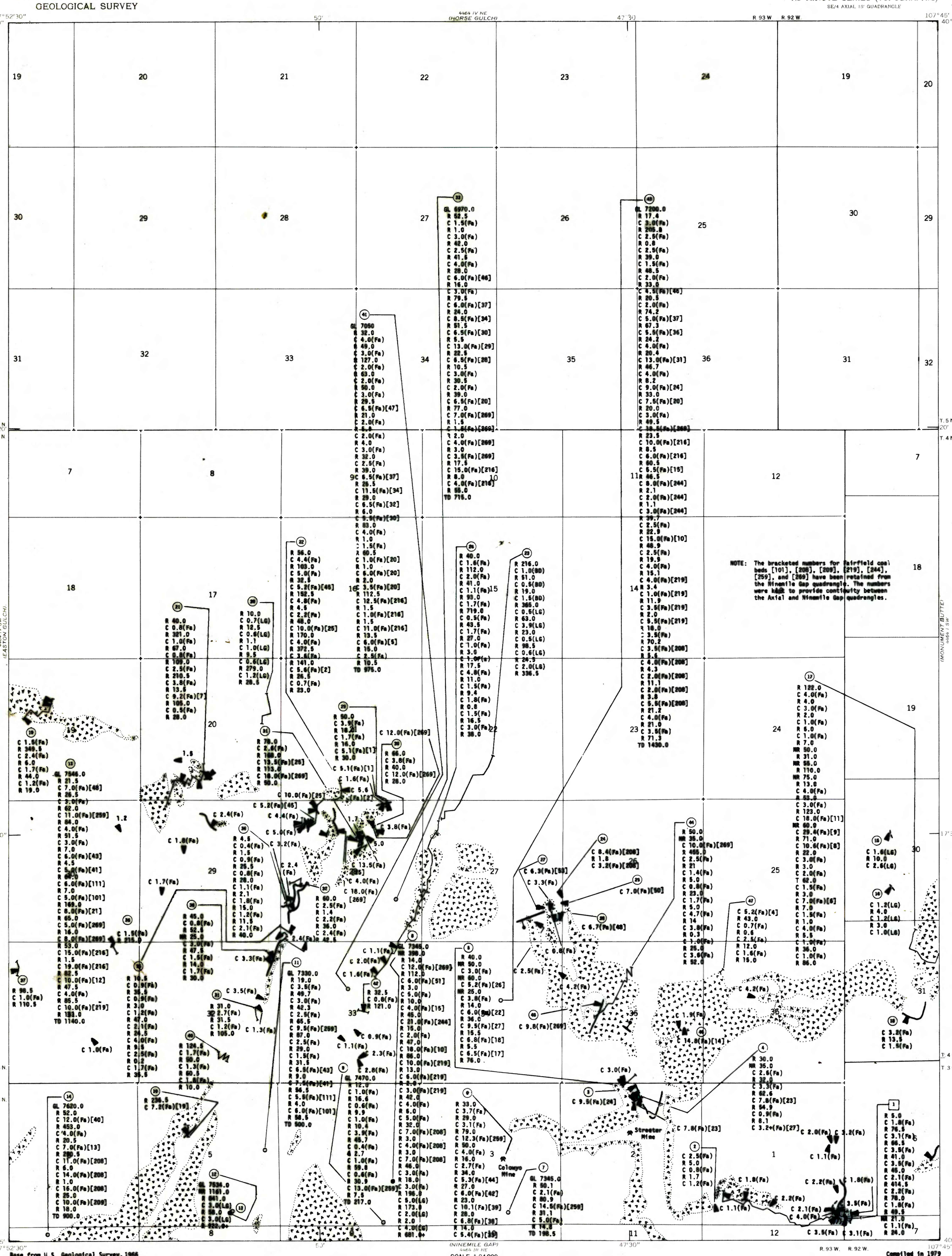
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AXIAL QUADRANGLE
COLORADO–MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 AXIAL 15' QUADRANGLE

OPEN FILE REPORT 79-1402
PLATE 1 OF 68



Base from U.S. Geological Survey, 1966

Compiled in 1979

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

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

QUADRANGLE LOCATION

EXPLANATION

COAL TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below.

OIL AND GAS TEST HOLE - Showing drill-hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below.

MINE MEASURED SECTIONS - Showing rock interval and coal thickness, in feet, and name of mine. Index number refers to section on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed as listed below.

OUTCROP MEASURED SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed(s) as listed below. Trace of measured section, if extensive, shown by line.

LINE OF COMPOSITE SECTION - Showing rock interval and coal thickness, in feet. Index number refers to section on plate 3 of CRO map or in table of text. Letters (or bracketed numbers) designate name of coal bed as listed below. (Composite section based on nearby coal thickness measurements).

GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED-SECTION DATA SYMBOLS

Fa - Fairfield coal group
BD - Black Diamond coal group
LG - Lower Coal Group

COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

TRACE OF COAL BED OUTCROP - Showing thickness of coal, in feet, measured at triangle. Letters (and bracketed numbers) designate name of coal bed as listed above. Dashed where inferred.

TRACE OF FAULT - Bar and ball on down-thrown side.

Streeter Mine — Colowyo Mine Active

UNDERGROUND COAL MINE - Showing name of mine.

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

To convert feet to meters, multiply feet by 0.3048.

REFERENCES

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_____(no date), Coal sections and map: U.S. Geol. Survey, unpublished field notes.

Reheis, M. J., 1976, Reconnaissance drilling in the Danforth Hills coal field, Moffat and Rio Blanco Counties, Colorado, Aug.-Sept., 1976: U.S. Geol. Survey Open-File Report 76-870.

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Reheis, M. J., and Peterson, J. E., 1977, Reconnaissance drilling in the Danforth Hills coal field, Moffat and Rio Blanco Counties, Colorado, Sept.-Oct., 1976, U.S. Geol. Survey Open-File Report 77-42.

U.S. Bureau of Land Management, 1975, Resource and potential reclamation evaluation, Taylor Creek study site, Axial Basin coal field: U.S. Bureau of Land Management EMRIA Report No. 3-1975.

_____1977a, Description of the environment, chapter II, in Final environmental statement on northwest Colorado coal: Figure GII-3.

_____1977b, W. R., Grace and Co., Mine and reclamation plan, in Final environmental statement, northwest Colorado coal: v. 2, Site specific analysis, p. GII-5.

COAL RESOURCE OCCURRENCE MAP OF THE AXIAL QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1979

PLATE 1

COAL DATA MAP