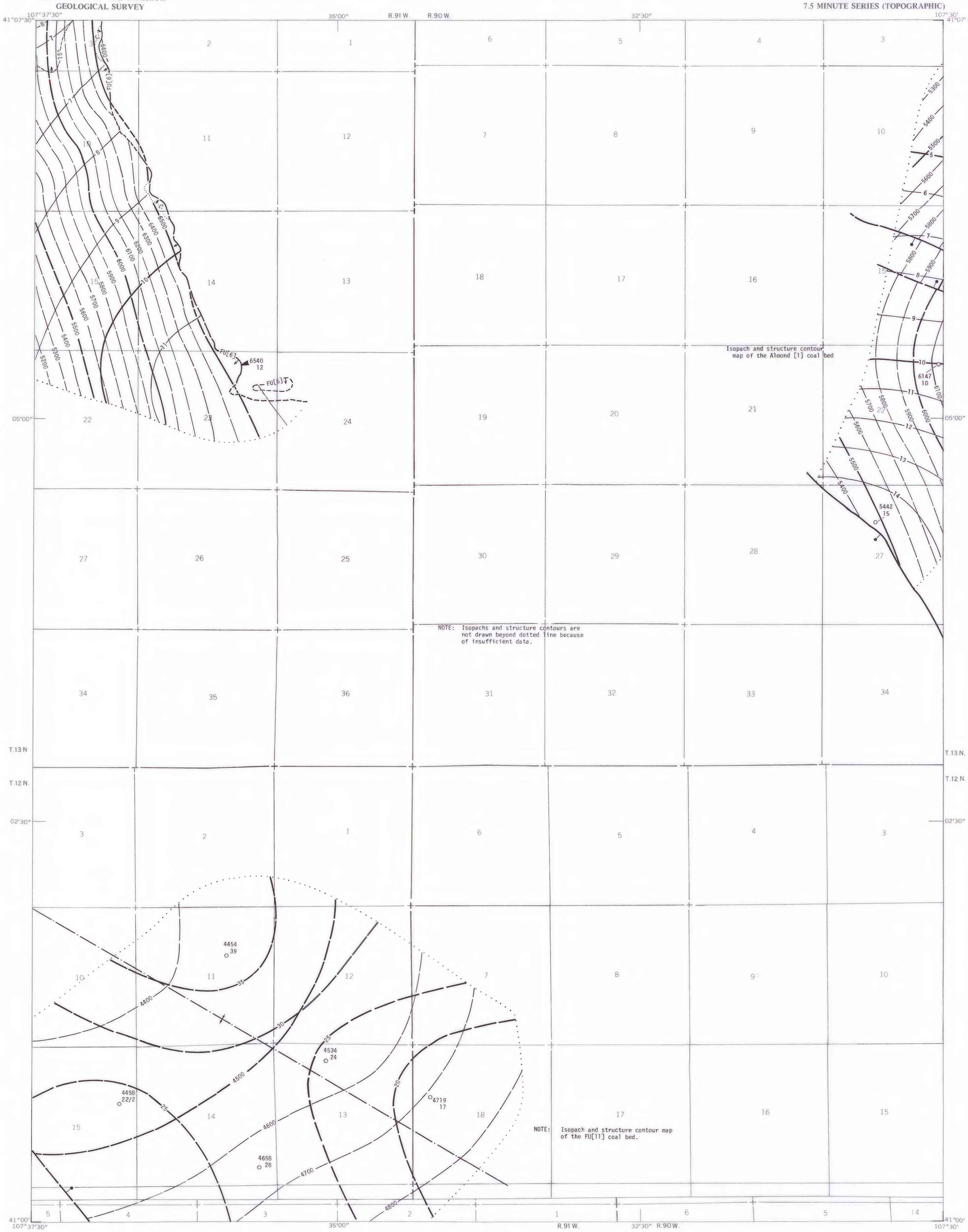
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTHEAST BAGGS QUADRANGLE
WYOMING - COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1957

Compiled in 1979

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

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

TRUE NORTH

MAGNETIC NORTH

15½°

APPROXIMATE MEAN DECLINATION, 1957

WYOMING

QUADRANGLE LOCATION

EXPLANATION

10
11

ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred. Isopach interval 1 foot for the Al[1] and FU[6] beds, and 5 feet for the FU[1] bed.

4500
4400

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval 100 feet (31 m). Datum is mean sea level.

○ 4454
39

DRILL HOLE - Showing altitude of top of coal bed, and thickness of coal, in feet.

◄ 6540
12

POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet.

FU[11] - Fort Union [11]
FU[6] - Fort Union [6]
Al[1] - Almond [1]

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

FU[6]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; short dashed where inferred by present authors.

15°

SUBSURFACE MINING LIMIT - Showing areas where dips of coal beds are greater than 15° and subsurface mining by conventional methods is not considered feasible. Reserve Base tonnages are calculated beyond limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°.

TRACE OF FAULT - Bar and ball on downthrown side. Dashed where inferred or approximately located.

TRACE OF AXIAL PLANE OF SYNCLINE

C

COAL STRIP MINE - Hachures point toward mined area. Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE BAGGS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY

DAMES & MOORE

1979

PLATE 4

ISOPACH AND STRUCTURE CONTOUR MAPS OF THE ALMOND [1], FORT UNION [6], AND FORT UNION [11] COAL BEDS