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

PINE TREE QUADRANGLE

OPEN-FILE REPORT 80-042

DEPARTMENT OF THE INTERIOR PLATE 11 OF 16 WYOMING-CAMPBELL CO. **GEOLOGICAL SURVEY** 7.5 MINUTE SERIES (TOPOGRAPHIC) 105°52'30" R. 75 W R. 74 W. 47'30" 43°37′30″ 43°37'30" RB RB RB 10 10.53 11 12 6.66 14.52 36.84 39.67 8.13 34.66 39.44 20.68 6.84 EXPLANATION RB 9.44 46.81 3.45 40.48 106.75 85.96 92.69 2.16 NON-FEDERAL COAL LAND ---- Land for 36.84 which the Federal Government does 60.84 not own the coal rights. Coal 15 /86// 17 14 18 resource estimates were not made for this area. 5-FOOT COAL ISOPACH---Arrow points toward area of coal 5 feet (1.5 m) or more thick; area contains RB RB Reserve Base coal. 2.99 0.19 39.27 25.37 102.04 46.45 61.16 85.47 88.28 56.61 71.31 21 21 22 19 20 34 mile radius RBRB RB RB 7.62 39.43 10.70 / 45.85 85.87 98.90 91.60 87.45 90.75 measurement Indicated resources 29 28 27 30 25 26 0.70 3.56 21.02 24.80 63.77 79.46 57.85 14.83 77.26 19.26 36.73 33 32 Inferred resources T. 42 N . 41 N. T. 41 N. 15.31 59.66 4.26 0.05 2.01 0.31 35.65 26.60 61.76 46.82 37.90 38.63 73.65 7.79 19.20 3.54 0.75 0.65 DIAGRAM SHOWING COMPONENT AREAS OF 5.93 4.71 10.97 IDENTIFIED COAL RESOURCES-- Shows 57.88 41.50 55.60 35.16 arcuate boundary lines enclosing 5.13 32'30" areas of measured, indicated, and 28.53 inferred coal resources. Bound-4.20 aries of areas are dashed where 12 projected from an adjacent quadrangle. Areas of measured, indicated, or inferred resources may be present on this map without their outer boundaries being shown. RB •-RB 15.30 63.09 -- (Measured resources) 13.39 4.71 (Indicated resources) 28.83 28.61 55.97 55.60 (Inferred resources) 1.76 5.21 IDENTIFIED COAL RESOURCES FOR SUB-SURFACE MINING -- Showing totals for Reserve Base(RB) and Reserves 15 (R), in millions of short tons, for each section or part(s) of a 2.93 34.49 section of Federal coal land within the stripping-limit line. Dash indicates no resources in that category. NOTE: Recovery factors have not RB ----2.27 been established for underground RB development of coal in this quad-9.38 20.00 rangle. Therefore, Reserves (R) 43.77 15.51 41.28 25.56 were not calculated for the coal 50.36 22.13 0.05 bed in areas outside the strip-RB ping-limit line where the overburden thickness exceeds 500 feet (152.4 m).23 3.35 24 To convert short tons to metric tons, multiply short tons by 0.9072. To convert feet to meters, multiply 4.09 3.87 feet by 0.3048. 8.09 6.07 To convert miles to kilometers, multiply miles by 1.609. 105°52'30" Compiled in 1979 and 1980 Base from U.S. Geological Survey, 1954 SCALE 1:24 000 WYOMING

UNITED STATES

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS PINE TREE, WYO.
1954
OF THE PINE TREE QUADRANGLE, CAMPBELL COUNTY, WYOMING

QUADRANGLE LOCATION

BY JOHN M. WUNDER 1980

APPROXIMATE MEAN DECLINATION, 1954

PLATE 11

AREAL DISTRIBUTION AND TONNAGE MAP

OF IDENTIFIED RESOURCES OF THE

WYODAK COAL BED