OPEN-FILE REPORT
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PINE TREE QUADRANGLE

OPEN-FILE REPORT 80-042

WYOMING-CAMPBELL CO. PLATE 15 OF 16 **GEOLOGICAL SURVEY** 7.5 MINUTE SERIES (TOPOGRAPHIC) 105°52′30″ R. 75 W R. 74 W. 47'30" 43°37'30" 10 9 11 12 0.46 1.25 EXPLANATION 0.15 NON-FEDERAL COAL LAND ---- Land for 5.71 which the Federal Government does not own the coal rights. Coal //8/// 15 17 14 18 13 resource estimates were not made for this area. 0.49 5-FOOT COAL ISOPACH---Arrow points toward area of coal 5 feet(1.5 m) or more thick; area contains Reserve Base coal. 6.39 10.69 9.69 21 22 24 21 20 23 34 mile radius 1.44 6.69 8.58 1.91 11.77 Indicated resources measurement 28 27 30 29 28 26 0.08 RB 6.72 14.00 4.33 33 Inferred resources T. 42 N T. 41 N RB 1.26 0.01 0.13 3.83 6.13 14.27 5.83 14.92 6.80 0.43 0.31 0.52 DIAGRAM SHOWING COMPONENT AREAS OF 0.09 17.26 6.03 IDENTIFIED COAL RESOURCES-- Shows 32'30" arcuate boundary lines enclosing 2.24 11.16areas of measured, indicated, and inferred coal resources. Boundaries of areas are dashed where 1.59 projected from an adjacent quadrangle. Areas of measured, 0.05 indicated, or inferred resources 0.42 may be present on this map without their outer boundaries being RB 0.56 -- (Measured resources) 4.38 0.52 (Indicated resources) 11.91 6.45 6.03 (Inferred resources) IDENTIFIED COAL RESOURCES FOR SUB-SURFACE MINING -- Showing totals 15 for Reserve Base(RB) and Reserves (R), in millions of short tons, 0.35 4.64 for each section or part(s) of a section of Federal coal land 0.32 within the stripping-limit line. Dash indicates no resources in that category. NOTE: Recovery factors have not been established for underground 2.36 5.70 development of coal in this quadrangle. Therefore, Reserves (R) 9.74 0.49 12.69 10.66 were not calculated for the coal 0.34 bed in areas outside the strip-RB ping-limit line where the overburden thickness exceeds 500 feet 23 24 (152.4 m).5.04 To convert short tons to metric tons, multiply short tons by To convert feet to meters, multiply 2.69 0.76 2.58 feet by 0.3048. To convert miles to kilometers, multiply miles by 1.609. 47'30" Compiled in 1979 and 1980 Base from U.S. Geological Survey, 1954 SCALE 1:24 000 QUADRANGLE LOCATION APPROXIMATE MEAN DECLINATION, 1954

UNITED STATES

DEPARTMENT OF THE INTERIOR

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

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