UNITED STATES OPEN FILE REPORT 79-877 LAY QUADRANGLE DEPARTMENT OF THE INTERIOR PLATE II OF 22 COLORADO-MOFFAT CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 108° 00′ 40° 37′ 30″ 107° 52′ 30″ 40° 37′ 30″ 57'30" R. 94 W. R 93 W EXPLANATION 19 22 23 19 24 21 ISOPACHS - Showing thickness of coal, in feet. Isopach interval 1 foot. STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet. Short dashed where projected above ground surface. Contour interval 100 feet (31 m). Datum is mean 30 27 26 25 30 sea level. POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Altitudes not shown for underground mine measured sections. Includes all points of measurement other than drill FU[17] - Fort Union [17] FU[40] - Fort Union [40] FU[9] - Fort Union [9] 31 32 33 35 COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle ____FU[17]-----T. 8 N. TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. T. 7 N. T. 7 N. Arrow points toward coal-bearing area. Dashed where inferred. INFERRED LIMIT OF BURNED AND CLINERED COAL - Arrow points toward area of baked and fused rock. To convert feet to meters, multiply feet by 0.3048. 10 17 15 13 21 23 32'30" 27 29 25 31 (JUNIPER HOT SPRINGS) 4464 IV NW 57'30" 108° 00′ 107° 52′ 30″ Base from U.S. Geological Survey, 1969 SCALE 1:24 000 Compiled in 1977/1978 This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. COLORADO

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

QUADRANGLE LOCATION

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET