UNITED STATES LAY QUADRANGLE DEPARTMENT OF THE INTERIOR 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. 22 19 23 19 20 24 21 OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Isopach interval 100 feet (31 m). MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping limit (in this guadrangle) 30 27 25 26 30 29 28 the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428. COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle 31 35 33 TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where projected by present T. 8 N. T. 7 N. To convert feet to meters, multiply feet by 0.3048. 10 17 14 15 18 22 19 21 23 32′30″ — 30 27 33 31 35 40° 30′ 108° 00′ (JUNIPER HOT SPRINGS) 4464 IV NW 57'30" 107° 52′ 30″ Base from U.S. Geological Survey, 1969 SCALE 1:24000 Compiled in 1977/1978 1 MILE 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

> COAL RESOURCE OCCURRENCE MAP OF THE LAY QUADRANGLE, MOFFAT COUNTY, COLORADO BY **DAMES & MOORE**

1979

QUADRANGLE LOCATION

PLATE 12

OPEN FILE REPORT 79-877

EXPLANATION

FU[17] - Fort Union [17] FU[40] - Fort Union [40] FU[9] - Fort Union [9]

PLATE 12 OF 22