UNITED STATES OPEN FILE REPORT 79-877 LAY QUADRANGLE DEPARTMENT OF THE INTERIOR COLORADO-MOFFAT CO. PLATE 8 OF 22 GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 108° 00′ 40° 37′ 30″ (ADOBE SPRINGS) 107° 52′ 30″ 40° 37′ 30″ 57'30" R 94 W R 93 W EXPLANATION 19 22 20 24 19 21 ISOPACHS - Showing thickness of coal, in feet. Isopach interval 1 foot. ______ 6500 ______ 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) for the FU[22], FU[19], and FU[14] coal beds; 20 feet (6.1 m) for the FU[8] coal bed. Datum is mean sea level. 30 27 25 29 30 26 28 ▲ 6870 5.5 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 holes. FU[22] - Fort Union [22]
FU[19] - Fort Union [19]
FU[14] - Fort Union [14]
FU[8] - Fort Union [8] 31 35 32 33 34 COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle T 8 N T 8 N TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where projected by present authors T 7 N T 7 N To convert feet to meters, multiply feet by 0.3048. 17 15 18 14 13 22 19 21 20 23 24 32'30" 30 29 27 26 25 32 33 31 35 34 40° 30′ 107° 52′ 30″ (JUNIPER HOT SPRINGS)
4464 IV NW
SCALE 1-24000 108° 00′ Base from U.S. Geological Survey, 1969 Compiled in 1977/1978 This report has not been edited for conformity with U.S. Geological Survey editorial standards or COLORADO 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