UNITED STATES OPEN FILE REPORT 79-024 SPOTTED HORSE QUADRANGLE DEPARTMENT OF THE INTERIOR PLATE 4 OF 49 WYOMING-CAMPBELL CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4873 IV SE (RESERVOIR CREEK) 105°52'30" 44°45' 47'30" **EXPLANATION** ISOPACHS OF COAL BED-Showing thickness in feet, interval 2 feet. Dashed where coal is burned or eroded. 18 17 15 14 13 DRILL HOLE-Showing coal thickness in feet. TRACE OF COAL BED OUTCROP-Showing coal thickness in feet, measured at triangle. Asterisk indicates
measured section was used in isopach
mapping. Arrow points toward the
coal-bearing area. "V" symbol
indicates burned rock with dotted 19 23 24 22 22 line showing limit of burning. MINING RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit. To convert feet to meters, multiply feet by 0.3048. 27 25 42'30" 32 31 £7.6+ MAP SHOWING LOCATION OF THE SPOTTED HORSEQUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING This report has not been edited for conformity with U.S. Geological Compiled in 1978 Base from U.S. Geological Survey, 1971 Survey editorial standards or SCALE 1:24 000 stratigraphic nomenclature. 1000 UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION PLATE 4 ISOPACH AND MINING RATIO COAL RESOURCE OCCURRENCE MAP OF THE SPOTTED HORSE MAP OF FELIX COAL BED QUADRANGLE, CAMPBELL COUNTY, WYOMING