78-045

2 OF 44

**EXPLANATION** 

KRCRA BOUNDARY

COAL LEASE

2

REFERENCE

W0146199

ELMO QUADRANGLE UNITED STATES WYOMING-CARBON CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY NE. 4 HANNA 15' QUADRANGLE 106°37′30″ 42°00′ 4668 II SE (T E RANCH) R. 82 W. R. 81 W. 32'30" 3 2 **RB 8.45** KRCRA KNOWN RECOVERABLE COAL RE-BOUNDARY SOURCE AREA-Area in which the Federal coal land is classified, (1) as subject to the coal leasing provisions of the Mineral Leasing Act of 1920, as amended and, (2) by virtue of the available data being sufficient to permit evaluation as to extent, location, and potential for developing commercial quantities of coal. **RB 13.7** NON-FEDERAL COAL LAND-Land for which the Federal Government does not own the coal rights. 11 12 10 COAL LEASE-An area of Federal coal lands in which the Federal Government has entered into a contractual agreement for development of the coal deposits. **COAL LEASE** COAL LEASE W054727 WO146199 RB .9 RB .9 TOTAL RESERVE BASE (RB) OF FEDERAL COAL PER SECTION—In millions of short tons, calculated for each section of Federal land following guidelines given in U.S. Geol. Survey Bulletin 1450-B. To convert short tons to metric tons, multiply 17 13 14 18 short tons by 0.9072. 57'30" **COAL LEASE** 57'30" W054727 **RB 10.4** RB .6 5 24 19 20 22 23 21 22 COAL LEASE SECTION OF LAND WO150169 Showing lots and lot numbers **RB 3.5** RB 6,47 U.S. Bureau of Mines and U.S. Geological Survey, 1976, Coal resource classification system of the U.S. Bureau of Mines and U.S. Geological Survey: U.S. Geol. Survey Bull. 1450-B, 7 p. Information derived from U.S. Bureau of Land Management Master Title plats and Coal plats issued 30 25 26 27 April 22, 1977, and from oral communication, BLM State Office, Cheyenne, COAL LEASE COAL LEASE CO57086 W054728 OPEN FILE REPORT **RB I,92** This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomencla-COAL LEASE CO78051 34 **COAL LEASE** T. 23 N W31258 T. 23 N. T. 22 N. . 22 N. 3 2 RB 5.9 COAL COAL LEASE LEASE **COAL LEASE** W16465 CO338001 CO57086 **RB 1.95** 10 10---RB .2 **COAL LEASE COAL LEASE** COAL LEASE CO33800 **COAL LEASE** W16465 W054737 CO57086 RB .4 RB .79 15 M COAL LEASE 13 15 W16465 41°52′30″ 106°37′30″ R. 82 W. R. 81 W. 41°52′30″ 32'30" Base map from U.S. Geological Survey, 1971 Compiled in 1977 by Texas Instruments Incorporated SCALE 1:24 000 WYOMING UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE MAP OF THE ELMO QUADRANGLE, CARBON COUNTY, WYOMING BY

PLATE 2 **BOUNDARY AND COAL** DATA MAP