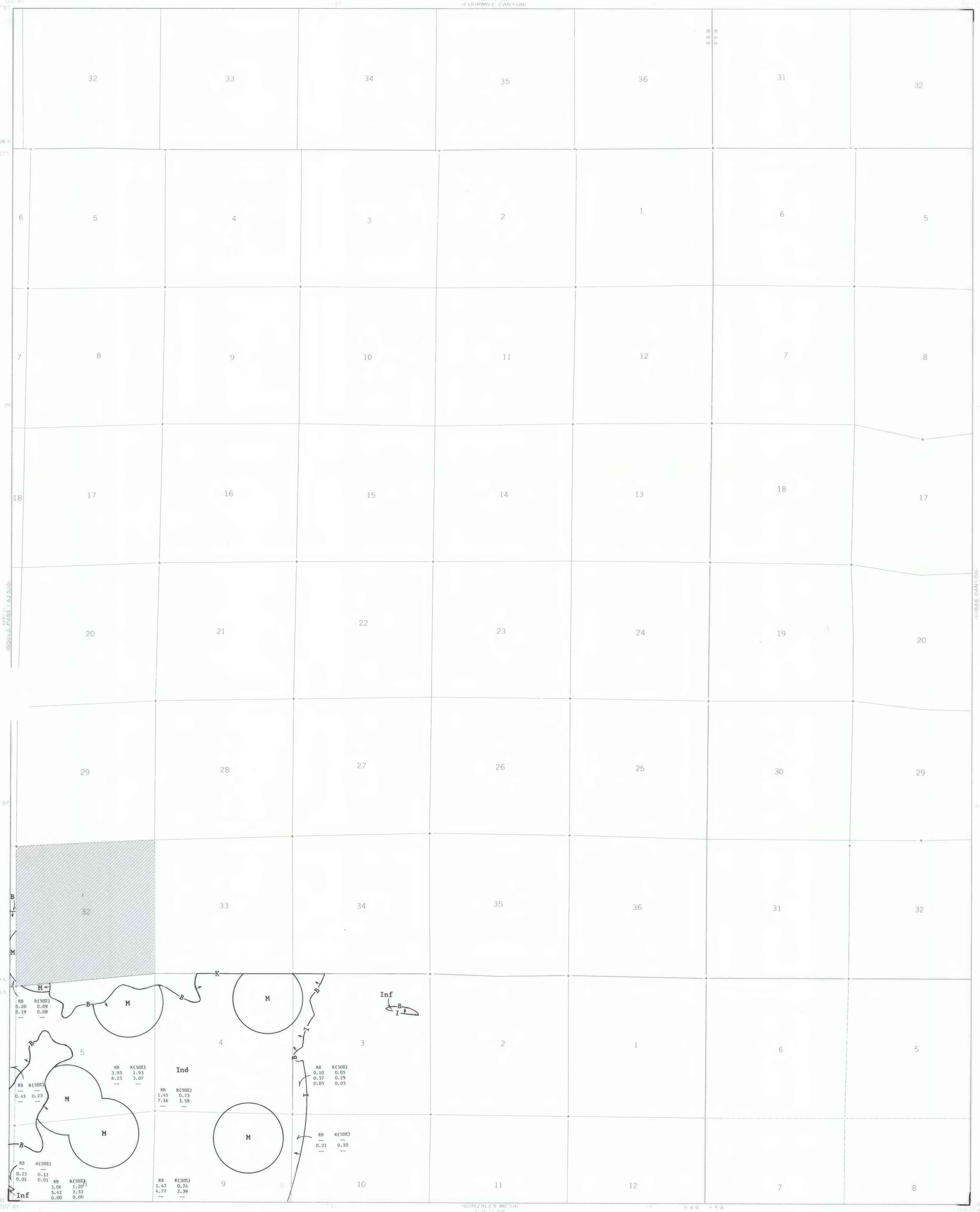
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SANTOS PEAK QUADRANGLE
NEW MEXICO-RIO ARRIBA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-616
PLATE 7 OF 16




Base from U.S. Geological Survey, 1963

Compiled in 1979

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

NEW MEXICO

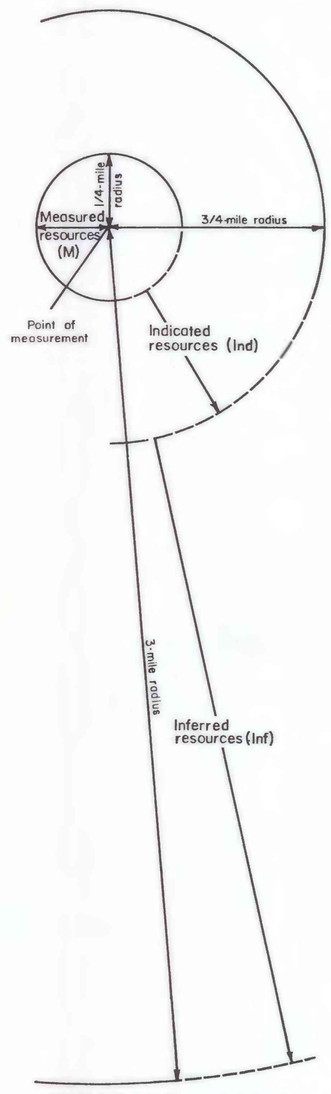
## EXPLANATION

NON-FEDERAL COAL LAND - Land within the KRCRA boundary for which the Federal Government does not own the coal rights.

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the 5-foot (1.5 m) coal isopach (I), the KRCRA boundary (K), and the 3000-foot (914-m) overburden study limit (B). Arrow points toward area of identified Reserve Base coal.

| RB | R (50%) | |
|---|---|---|
| 0.10 | 0.05 | (Measured resources) |
| 0.57 | 0.29 | (Indicated resources) |
| 0.05 | 0.03 | (Inferred resources) |

IDENTIFIED COAL RESOURCES OF THE FRUITLAND 1 COAL BED - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land outside the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (50 percent) = Reserves (R).




BOUNDARY LINES - Enclosing areas of measured (M), indicated (Ind), and inferred (Inf) coal resources. Dashed where projected from adjacent quadrangles.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert miles to kilometers, multiply miles by 1.609

Values given for subsurface Reserve (R) tonnages represent 50% of the calculated Reserve Base (RB) values. Calculated Reserve Base and Reserve values have been rounded off to the nearest 10,000 tons of coal.

Total Reserve Base values of 0.00 represent resources of less than 5,000 tons of coal.

# COAL RESOURCE OCCURRENCE MAP OF SANTOS PEAK QUADRANGLE, RIO ARRIBA COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979



PLATE 7

AREAL DISTRIBUTION
AND IDENTIFIED RESOURCES OF THE
FRUITLAND 1 COAL BED