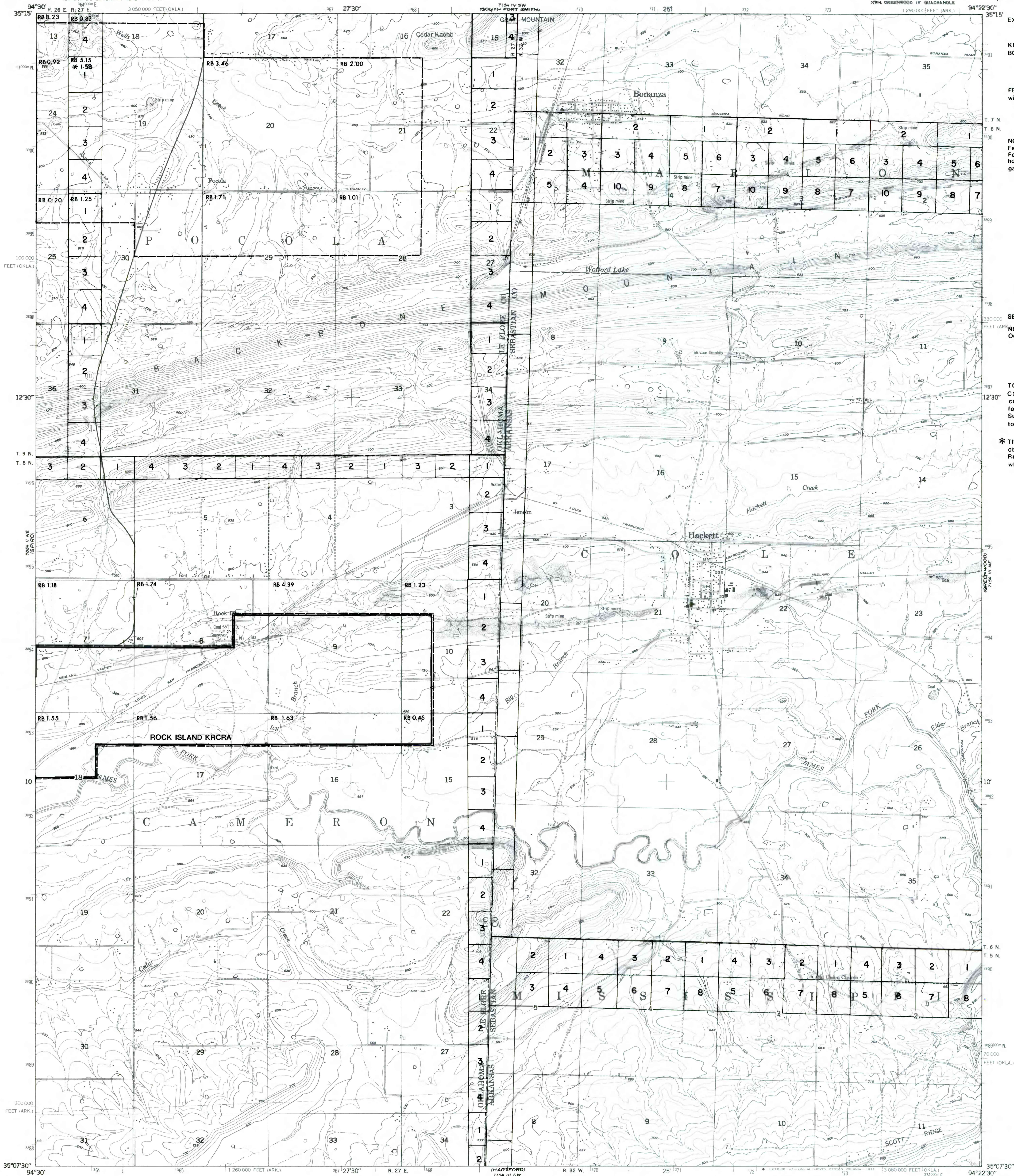


UNITED STATES
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GEOLOGICAL SURVEY

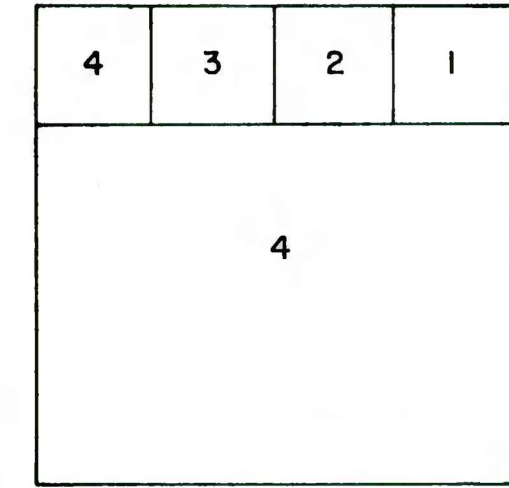
HACKETT QUADRANGLE
ARKANSAS-OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION
KRCRA
KNOWN RECOVERABLE COAL RESOURCES AREA
BOUNDARY - Label within KRCRA boundary.

BLM-C-029856
FEDERAL COAL LEASE BOUNDARY - Lease number
within boundary.

NON-FEDERAL COAL LAND - Land for which the
Federal Government does not own the coal rights.
For all other land area, the Federal Government
holds title to the coal mineral rights, without re-
gard to surface ownership.

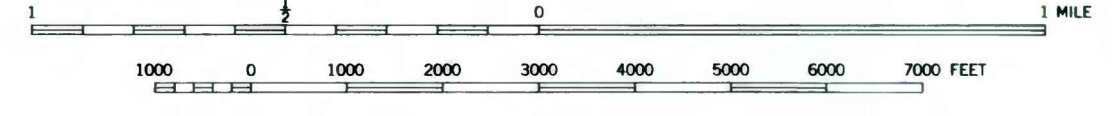
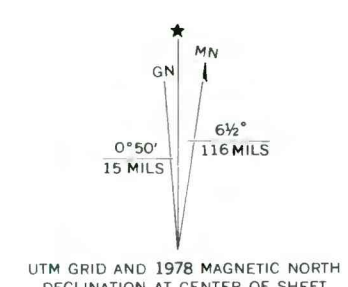


SECTION OF LAND - Showing lots and lot numbers.
NOTE: BLM coal ownership data current as of
October 19, 1979.

RB 2.0
TOTAL RESERVE BASE (RB) OF FEDERAL
COAL PER SECTION--in millions of short tons,
calculated for each section of Federal land
following the guidelines given in U.S. Geol.
Survey Bulletin 1450-B. To convert short tons
to metric tons, multiply short tons by 0.9072.
* This portion of the Reserve Base tonnage was
obtained from Areal Distribution and Identified
Resources Maps of non-isopach coal beds
which were not open-filed.

This report was prepared under contract to the
U.S. Geological Survey, and has not been edited
for conformity with Geological Survey editorial
standards or stratigraphic nomenclature.
Opinions expressed herein do not necessarily
represent those of the Geological Survey.

COMPILED IN 1980
This map intended for land-
use planning purposes only



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE HACKETT 7.5-MINUTE QUADRANGLE,
LEFLORE COUNTY, OKLAHOMA AND SEBASTIAN COUNTY, ARKANSAS
BY GEOLOGICAL SERVICES OF TULSA, INC., B. T. BRADY, USGS, AND J. L. QUERRY, BLM