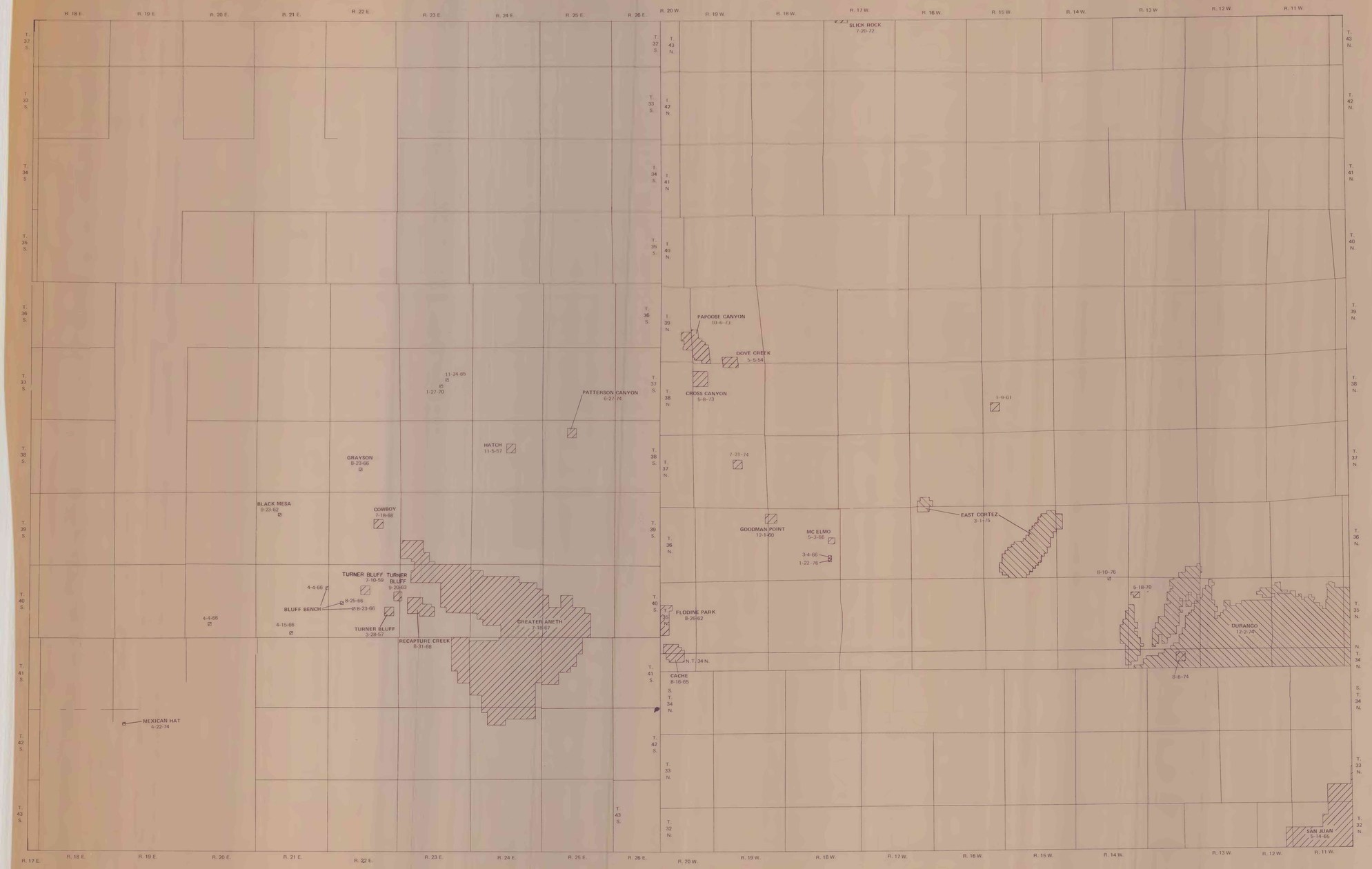
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LEASABLE MINERAL AND WATERPOWER LAND CLASSIFICATION MAP OF THE CORTEZ QUADRANGLE, COLORADO, UTAH

LANDS WITHDRAWN, CLASSIFIED, AND PROSPECTIVELY VALUABLE FOR LEASABLE MINERALS
AND OCCURRENCES OF OTHER SELECTED MINERALS
LANDS WITHDRAWN OR CLASSIFIED FOR WATERPOWER AND RESERVOIR SITES

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LOCATION DIAGRAM

EXPLANATION

This is a standardized explanation for leasable mineral and waterpower land classification open-file maps. Only the land classification categories present in the quadrangle are colored; however, an asterisk (*) preceding a colored classification category indicates that the category includes all lands in the quadrangle. Land classification applies only to public lands within category boundaries. Leasable minerals are coal, oil and gas, and oil shale; phosphates, or phosphate rock; chlorides, sulfates, carbonates, borates, silicates or nitrates of potassium and of sodium; sulfur in Louisiana and New Mexico; and native asphalt, solid and semisolid bitumen, and bituminous rock (including oil-impregnated rock or sands from which oil is recoverable only by special treatment after the deposit is mined or quarried). However, all minerals are leasable on Federal acquired lands and restricted allotted and tribal Indian lands. Leasable mineral outcrops are not shown. A symbol preceding a mineral name on the selected minerals list indicates the mineral is present in the map area. Active and inactive mines are not differentiated, the size and grade of the mineral occurrence is not indicated, and only a few of the mines are named.

MINERAL LAND CLASSIFICATION

WITHDRAWN LANDS--Showing withdrawal number and date

- Coal
- Phosphate
- Oil shale

CLASSIFIED LANDS

- Coal
- Phosphate
- Oil shale
- Sodium

LANDS PROSPECTIVELY VALUABLE FOR RETENTION OF FEDERAL MINERAL RIGHTS--Hachures, where present, are on valuable side of boundary

- Asphaltic materials
- Coal
- Geothermal resources
- Oil and gas
- Oil shale
- Phosphate
- Potassium
- Sodium

KNOWN LEASING AREAS--Defined and undefined, showing name and effective date

- Known geologic structure of producing oil and gas field (KGS)
- Known geothermal resources area (KGRA)
- Known coal leasing area (KCLA)
- Known oil shale leasing area
- Known phosphate leasing area
- Known potassium leasing area
- Known sodium leasing area

WATERPOWER LAND CLASSIFICATION

- Classified or withdrawn for waterpower or reservoir sites

All information on this map compiled as of June 1, 1977.

Note: Areas previously designated as Known Coal Leasing Areas (KCLA's) are now designated for coal leasing as Known Recoverable Coal Resource Areas (KRCRA's) (Federal Register, v. 41, no. 189, p. 42064, Sept. 28, 1976).

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OPEN FILE REPORT
This map has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.